LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.449	421	438	464	rBV2	231594	688662	1.46%	0.108%
2	4.243	980	996	1009	rBV	248369	675871	1.43%	0.106%
3	4.568	1079	1097	1113	rBV	840184	2027792	4.29%	0.317%
4	4.664	1113	1127	1154	rVV	473345	1250779	2.65%	0.196%
5	4.812	1154	1173	1202	rVV	1996778	5051370	10.69%	0.790%
6	4.950	1202	1216	1241	rVV2	605208	1558666	3.30%	0.244%
7	5.085	1243	1258	1270	rVV3	413223	1034409	2.19%	0.162%
8	5.400	1341	1356	1384	rBV	1308186	2630432	5.57%	0.412%
9	5.529	1385	1396	1438	rVV	538648	1161023	2.46%	0.182%
10	5.905	1499	1513	1527	rVV	381225	811072	1.72%	0.127%
11	6.040	1543	1555	1568	rVV4	1298346	3554678	7.52%	0.556%
12	6.117	1568	1579	1587	rVV	1186095	2349067	4.97%	0.368%
13	6.175	1587	1597	1621	rVV	1558886	3292795	6.97%	0.515%
14	6.378	1643	1660	1681	rVB3	1205043	2776047	5.87%	0.434%
15	6.551	1699	1714	1739	rVB2	766040	1719702	3.64%	0.269%
16	6.760	1767	1779	1788	rBV	1013151	1925881	4.08%	0.301%
17	6.841	1795	1804	1811	rBV	2425513	4178937	8.84%	0.654%
18	6.883	1811	1817	1833	rVB	2613868	4849198	10.26%	0.759%
19	7.005	1846	1855	1875	rVB	4052133	8340570	17.65%	1.305%
20	7.188	1897	1912	1919	rBV	5731201	11144375	23.58%	1.744%
21	7.368	1953	1968	1977	rBV3	1343149	2657906	5.62%	0.416%
22	7.497	1998	2008	2021	rBV	3805928	6042802	12.79%	0.945%
23	7.584	2022	2035	2056	rVB	3498982	6580454	13.92%	1.030%
24	7.715	2056	2076	2086	rBV	1803575	3377174	7.15%	0.528%
25	7.838	2108	2114	2124	rVB	595661	975334	2.06%	0.153%
26	7.908	2124	2136	2148	rVB3	1316432	2347556	4.97%	0.367%
27	8.014	2148	2169	2190	rBV	2870605	5721630	12.11%	0.895%
28	8.140	2197	2208	2223	rBV3	2942744	7748574	16.40%	1.212%
29	8.220	2223	2233	2242	rVB	3041991	5158469	10.92%	0.807%
30	8.281	2242	2252	2261	rBV	2977422	5037376	10.66%	0.788%
31	8.439	2290	2301	2310	rBV3	703491	1255451	2.66%	0.196%
32	8.522	2311	2327	2334	rBV3	2391736	6074696	12.85%	0.950%
33	8.600	2343	2351	2363	rVB2	4892981	8110580	17.16%	1.269%
34	8.725	2377	2390	2400	rBV	4320237	6974178	14.76%	1.091%
35	8.783	2400	2408	2417	rVB	819637	1198241	2.54%	0.187%
36	8.863	2417	2433	2442	rBV5	524904	1201575	2.54%	0.188%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

37	8.924	2443	2452	2467	rBV3	749193	1575382	3.33%	0.246%
38	9.037	2468	2487	2494	rBV3	1431061	3287074	6.96%	0.514%
39	9.088	2495	2503	2510	rVV	3177701	5408192	11.44%	0.846%
40	9.136	2510	2518	2542	rVB3	4849940	9387313	19.86%	1.469%
41	9.249	2542	2553	2574	rBV2	874603	1779978	3.77%	0.279%
42	9.349	2575	2584	2587	rBV3	466757	694045	1.47%	0.109%
43	9.410	2588	2603	2620	rVV6	3715911	8395284	17.76%	1.314%
44	9.487	2620	2627	2629	rVV3	739478	892190	1.89%	0.140%
45	9.513	2630	2635	2647	rVV	1689505	2993423	6.33%	0.468%
46	9.567	2648	2652	2658	rVV	640954	843406	1.78%	0.132%
47	9.612	2658	2666	2668	rVV2	1517751	2081540	4.40%	0.326%
48	9.648	2669	2677	2687	rVV2	5089937	8939821	18.92%	1.399%
49	9.731	2689	2703	2714	rVV6	5268955	11483797	24.30%	1.797%
50	9.786	2714	2720	2731	rVV	2464609	4255496	9.00%	0.666%
51	9.860	2732	2743	2750	rVV4	785133	1846732	3.91%	0.289%
52	9.911	2751	2759	2765	rVV3	1256653	2197392	4.65%	0.344%
53	9.956	2765	2773	2781	rVV3	2623228	4831303	10.22%	0.756%
54	10.024	2782	2794	2799	rVV2	3730459	7543744	15.96%	1.180%
55	10.056	2799	2804	2814	rVB2	3999927	5752102	12.17%	0.900%
56	10.159	2820	2836	2852	rBV6	4395800	11214975	23.73%	1.755%
57	10.288	2870	2876	2881	rBV	579999	836738	1.77%	0.131%
58	10.329	2882	2889	2898	rVB5	1084892	1849331	3.91%	0.289%
59	10.387	2899	2907	2917	rVB6	1832583	3261507	6.90%	0.510%
60	10.448	2917	2926	2933	rBV	3679073	5904471	12.49%	0.924%
61	10.622	2969	2980	2985	rBV3	808783	1679955	3.55%	0.263%
62	10.667	2986	2994	3002	rBV3	2503870	4343939	9.19%	0.680%
63	10.821	3033	3042	3058	rBV2	9021678	15624025	33.06%	2.445%
64	10.976	3081	3090	3096	rBV5	2493085	4793021	10.14%	0.750%
65	11.091	3118	3126	3133	rBV	4398982	6560778	13.88%	1.027%
66	11.136	3135	3140	3148	rVB5	2321792	3470180	7.34%	0.543%
67	11.181	3148	3154	3162	rBV2	2021312	2943001	6.23%	0.460%
68	11.236	3163	3171	3177	rVV3	3705573	5069024	10.73%	0.793%
69	11.278	3178	3184	3190	rVV	3263398	4523991	9.57%	0.708%
70	11.316	3190	3196	3204	rVB	5571939	7153255	15.14%	1.119%
71	11.407	3216	3224	3233	rVB	6022629	8759829	18.54%	1.371%
72	11.484	3242	3248	3251	rBV3	1585404	1967367	4.16%	0.308%
73	11.513	3253	3257	3260	rVV	1312093	1255400	2.66%	0.196%
74	11.545	3261	3267	3271	rBV2	2812677	3916114	8.29%	0.613%
75	11.757	3329	3333	3341	rVB4	2703635	3323748	7.03%	0.520%
76	11.879	3356	3371	3379	rBV4	6637911	14989408	31.72%	2.345%

LSC Area Percent Report

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Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

77	11.947	3380	3392	3407	rVB5	7435865	18513439	39.17%	2.897%
78	12.069	3421	3430	3446	rBV8	6664387	16130695	34.13%	2.524%
79	12.197	3458	3470	3479	rBV5	8867508	17509695	37.05%	2.740%
80	12.313	3496	3506	3512	rBV2	13660571	23311095	49.33%	3.647%
81	12.355	3513	3519	3528	rVV5	10725385	19984862	42.29%	3.127%
82	12.410	3528	3536	3544	rVV3	20084917	31523018	66.70%	4.932%
83	12.451	3545	3549	3555	rVV3	4888292	6462312	13.67%	1.011%
84	12.493	3556	3562	3568	rVV3	4428428	6880595	14.56%	1.077%
85	12.535	3569	3575	3583	rVV2	7863138	11802424	24.97%	1.847%
86	12.583	3585	3590	3607	rVV3	4007436	7606813	16.10%	1.190%
87	12.667	3609	3616	3629	rVB4	5359356	8938948	18.91%	1.399%
88	12.741	3631	3639	3648	rBV5	4350075	8601449	18.20%	1.346%
89	12.821	3657	3664	3670	rBV2	11292327	16352673	34.60%	2.559%
90	12.988	3707	3716	3740	rVB4	19053875	47258673	100.00%	7.394%
91	13.156	3762	3768	3775	rVB3	3870560	5358434	11.34%	0.838%
92	13.207	3777	3784	3791	rBV4	5501487	8904235	18.84%	1.393%
93	13.423	3845	3851	3863	rVB6	8260266	14346187	30.36%	2.245%
94	13.484	3864	3870	3889	rVB6	4842764	9285462	19.65%	1.453%
95	13.586	3892	3902	3913	rVB	7178942	12172582	25.76%	1.905%
96	14.027	4031	4039	4055	rVB6	3254051	6711160	14.20%	1.050%
97	14.705	4243	4250	4255	rBV4	731949	1170240	2.48%	0.183%
98	14.750	4256	4264	4279	rVB	5192554	8834479	18.69%	1.382%
99	15.522	4498	4504	4516	rVB	853568	1337178	2.83%	0.209%
100	15.602	4520	4529	4548	rVB	510336	1020680	2.16%	0.160%

Sum of corrected areas: 639128921

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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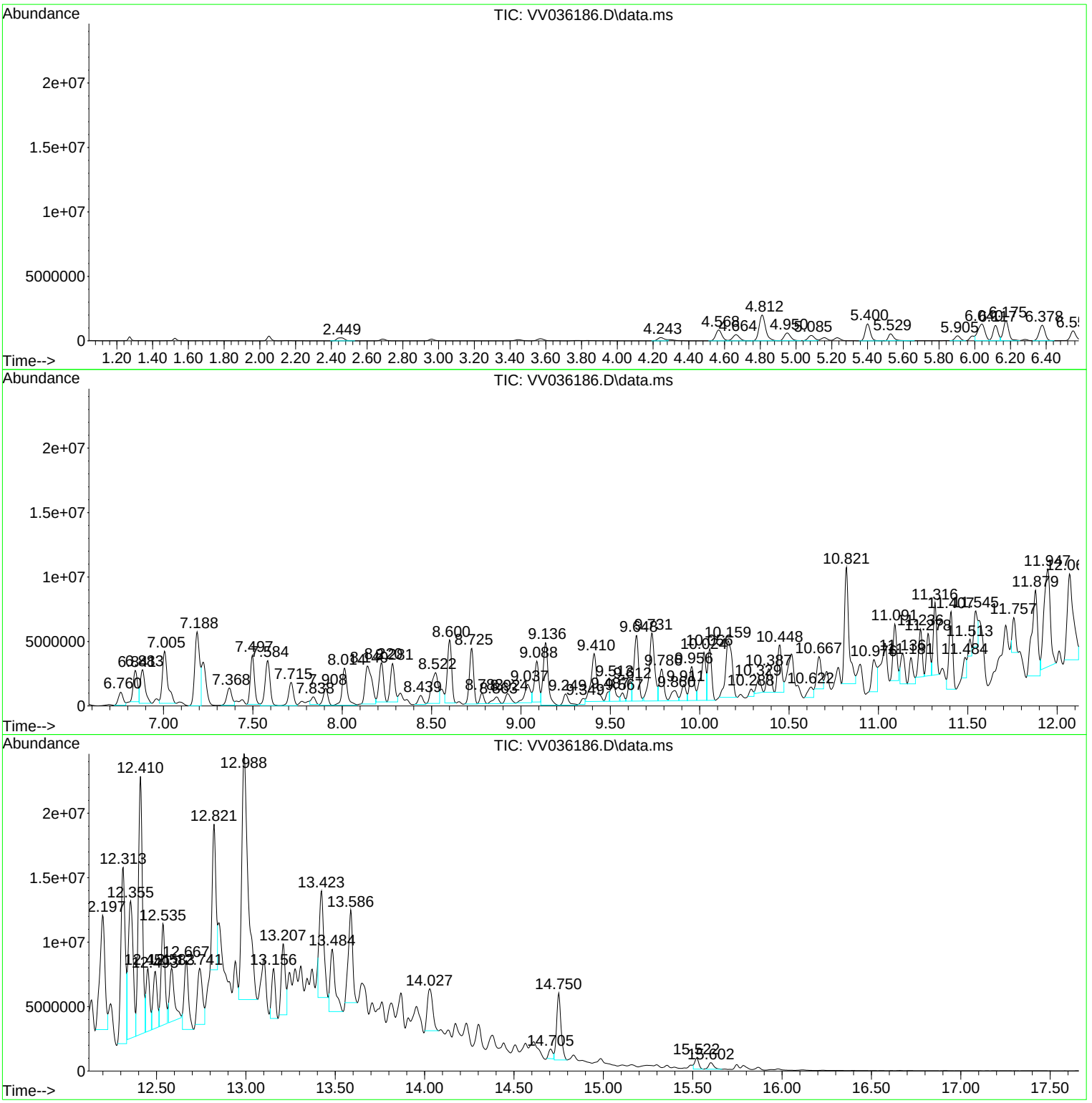
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

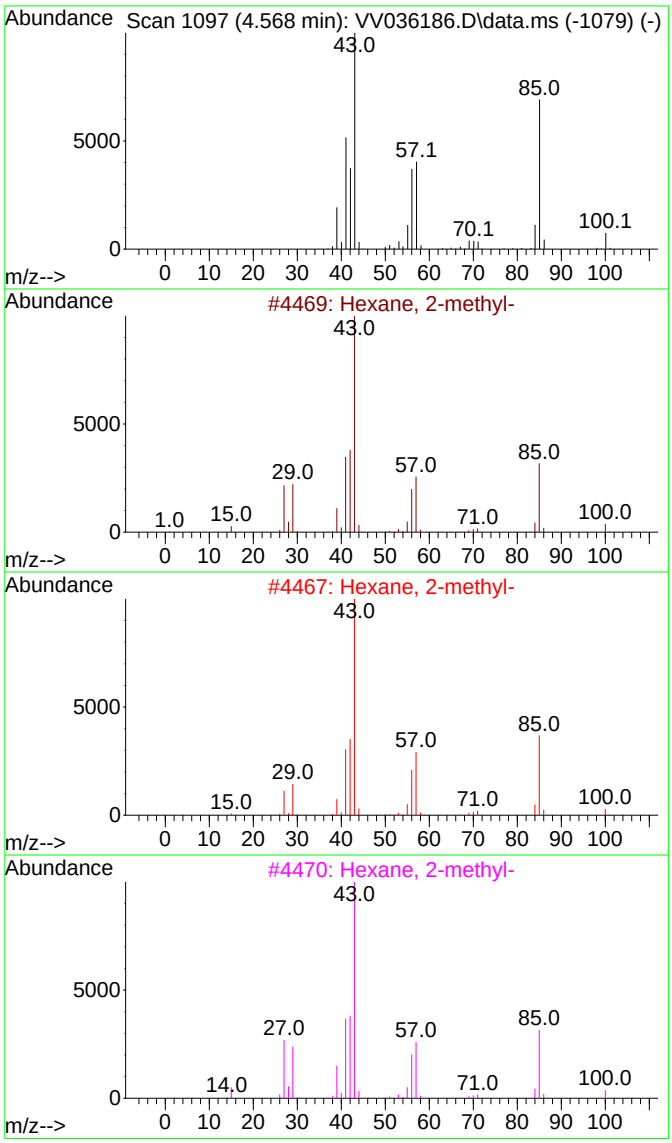
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

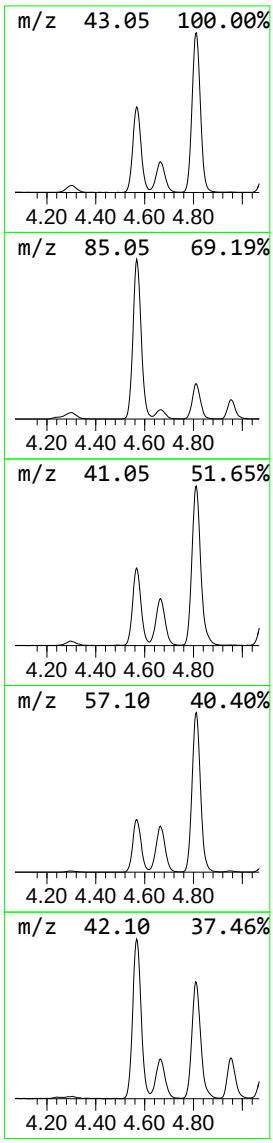
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.568	43.66 ug/L	2027790	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
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Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

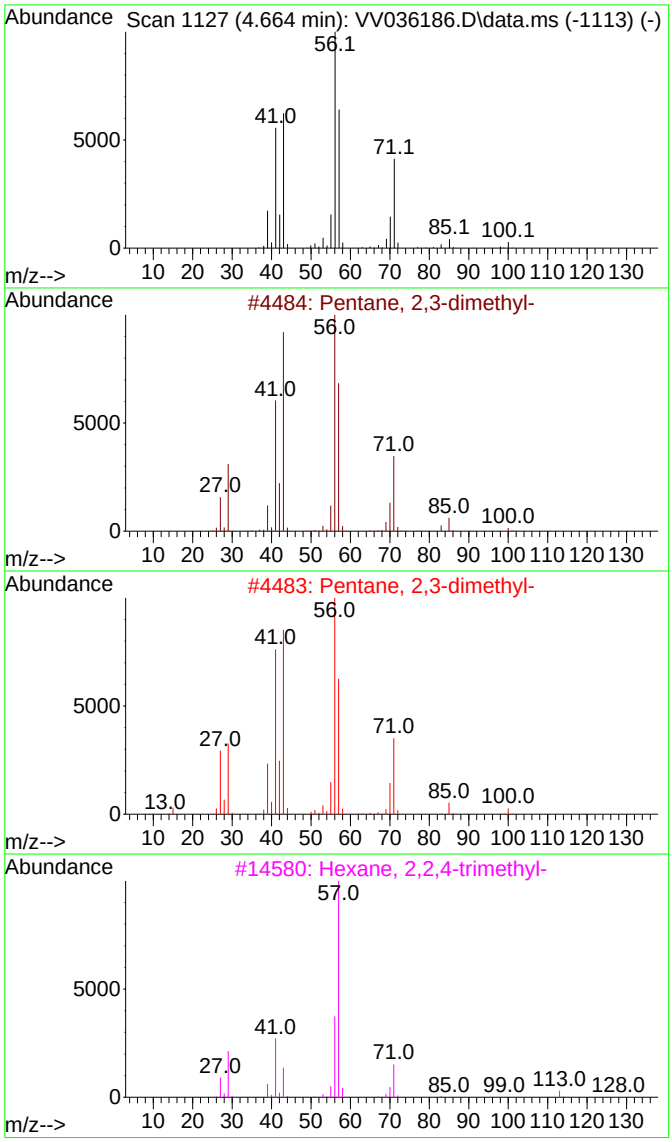
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

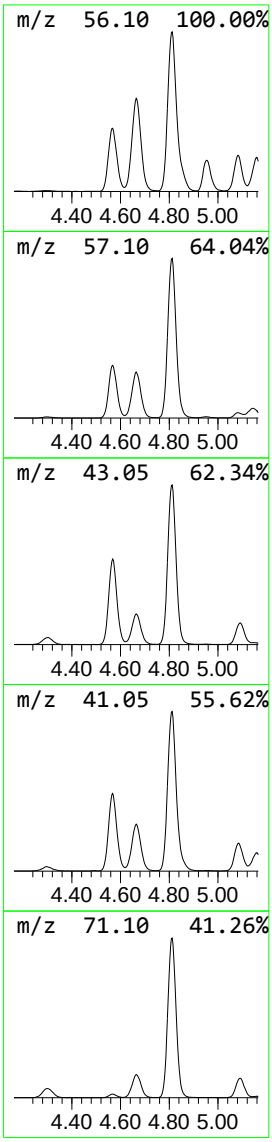
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.664	26.93 ug/L	1250780	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
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Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

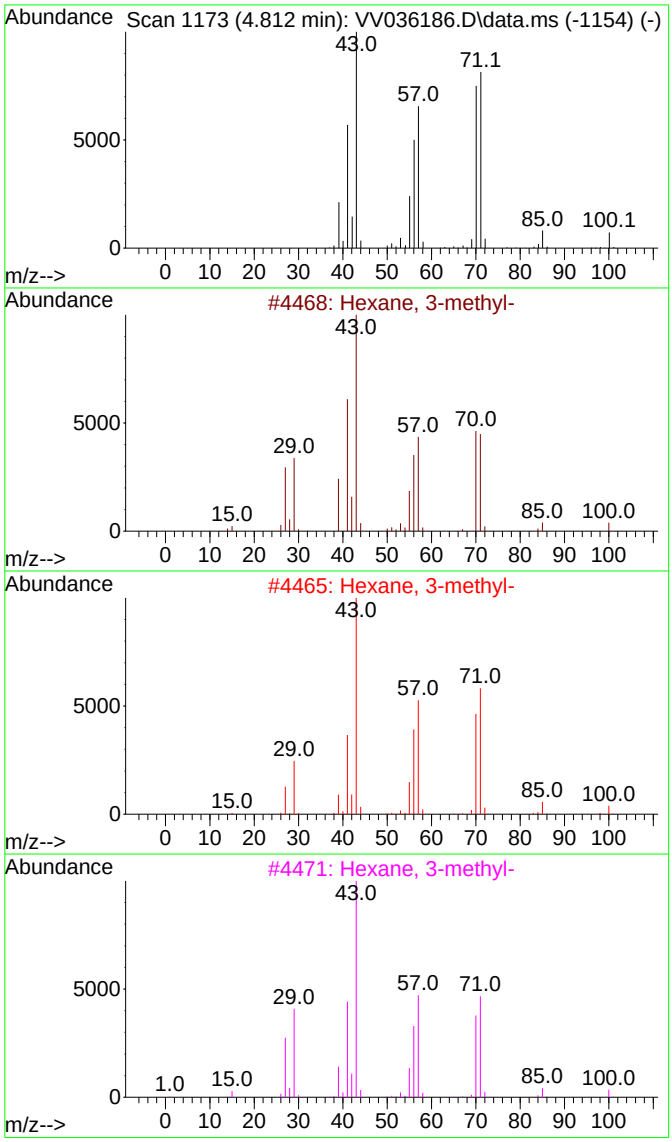
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

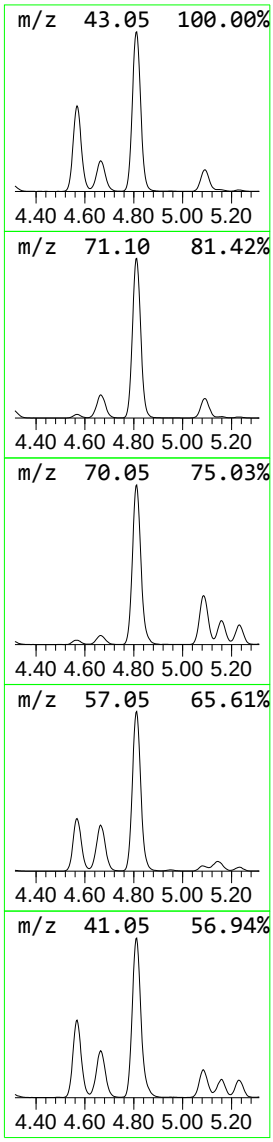
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.812	108.77 ug/L	5051370	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	68
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

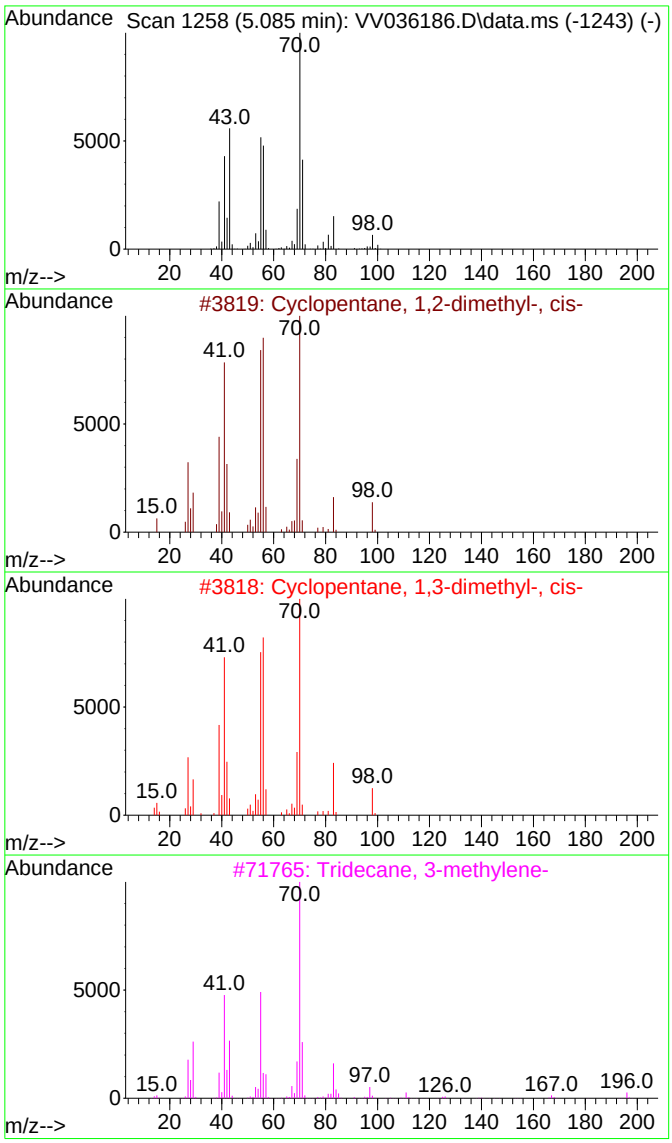
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

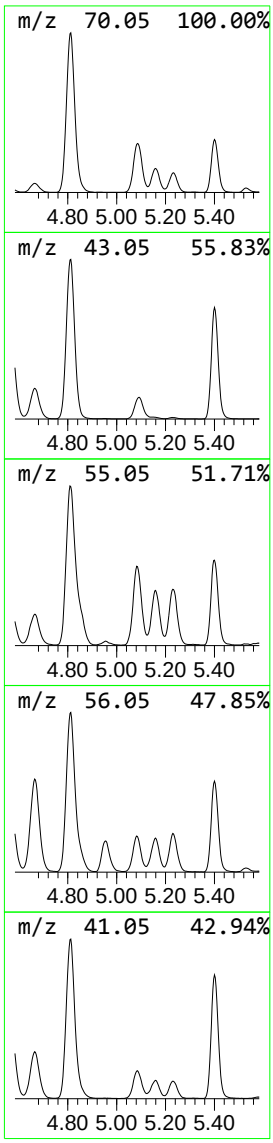
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.085 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.085	22.27 ug/L	1034410	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	60
3	Tridecane, 3-methylene-	196	C14H28	019780-34-8	53
4	Isopropylcyclobutane	98	C7H14	000872-56-0	50
5	Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

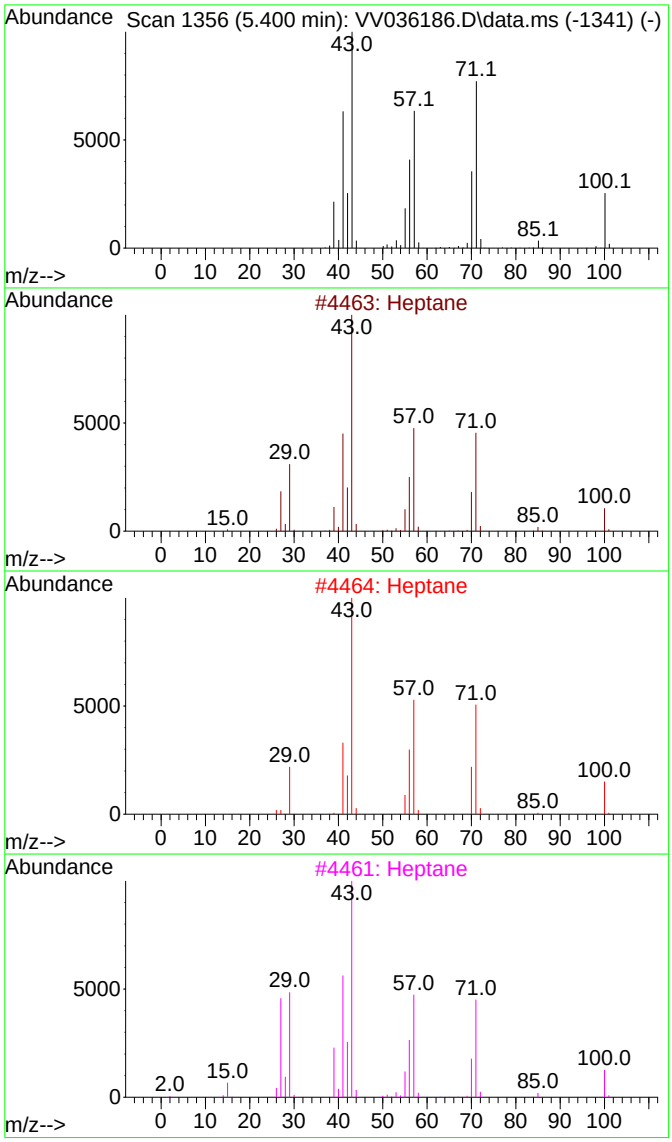
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

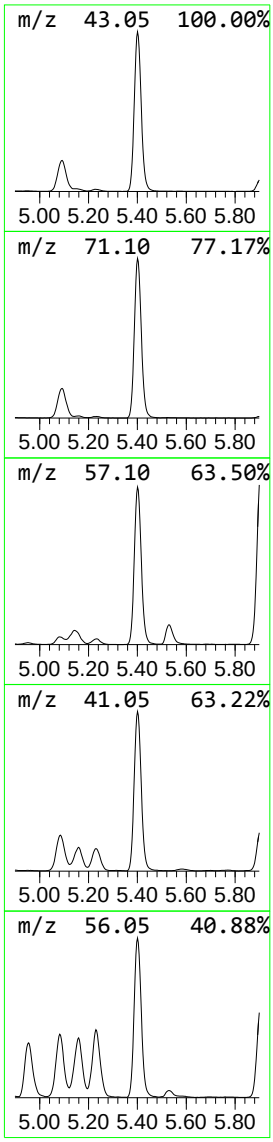
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	56.64 ug/L	2630430	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	74
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

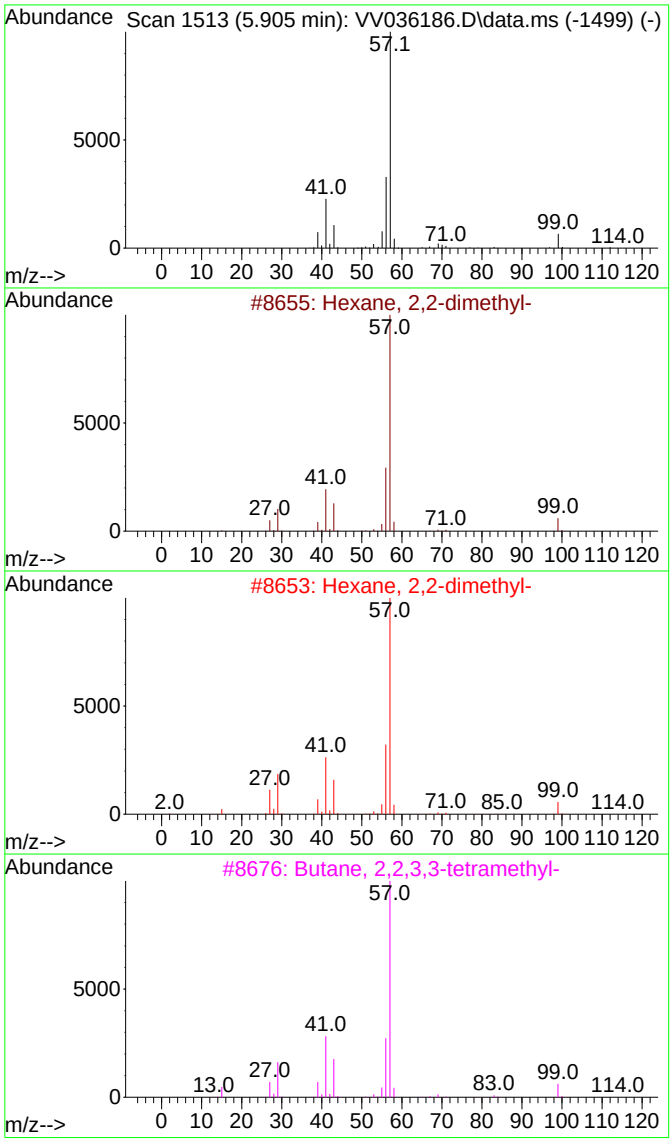
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

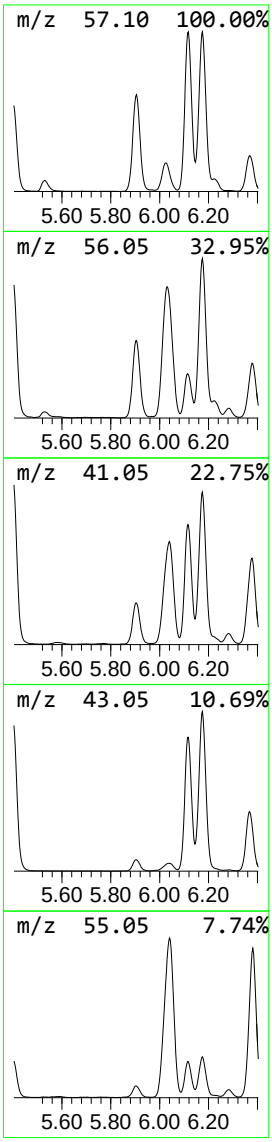
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chain Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	17.46 ug/L	811072	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

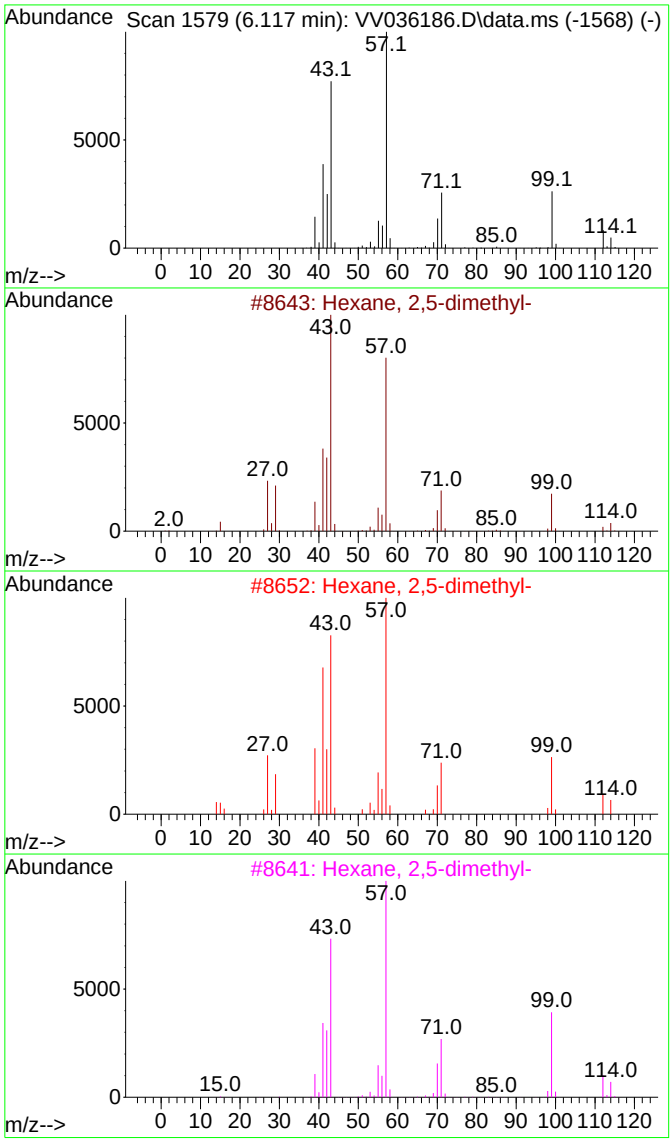
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

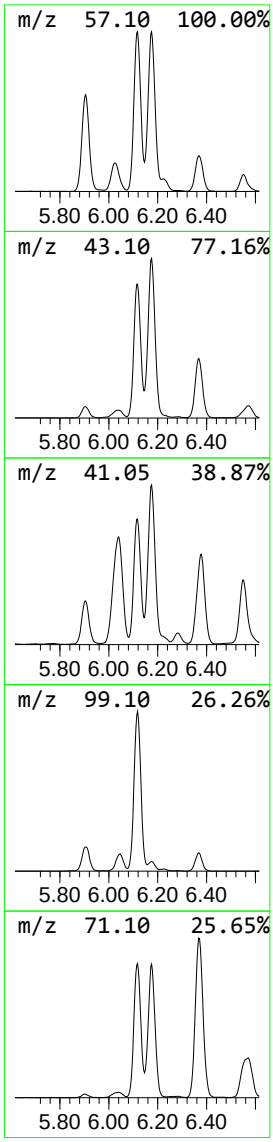
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.117	50.58 ug/L	2349070	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

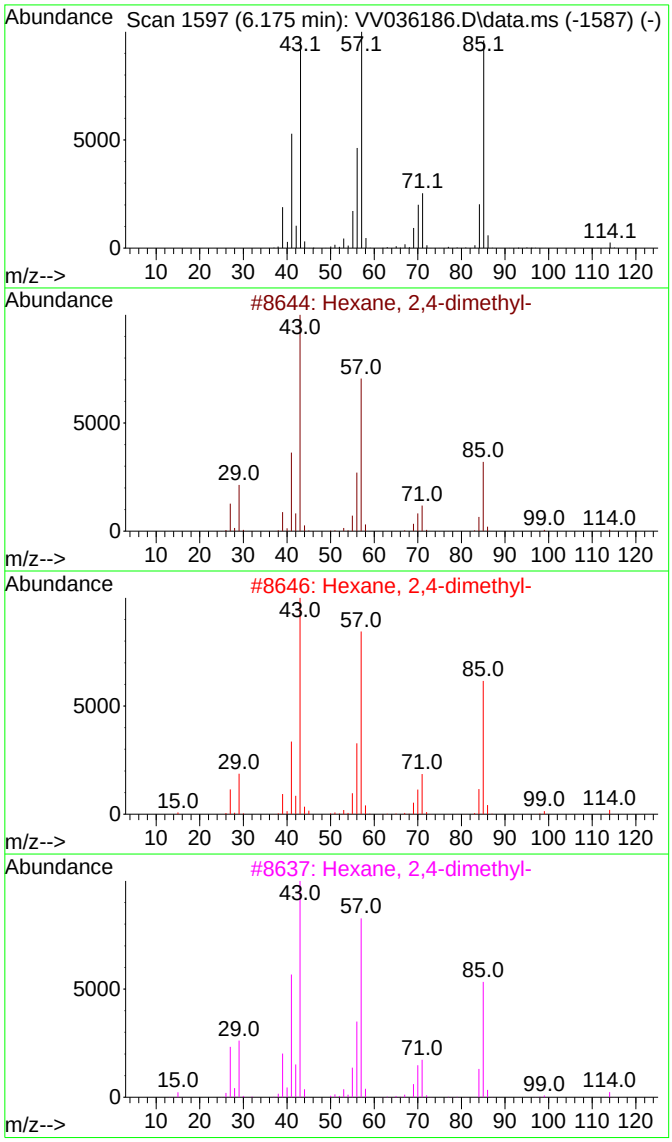
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

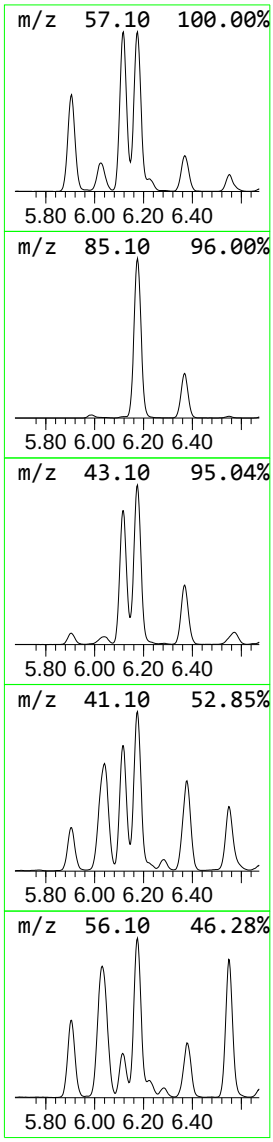
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	70.90 ug/L	3292800	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

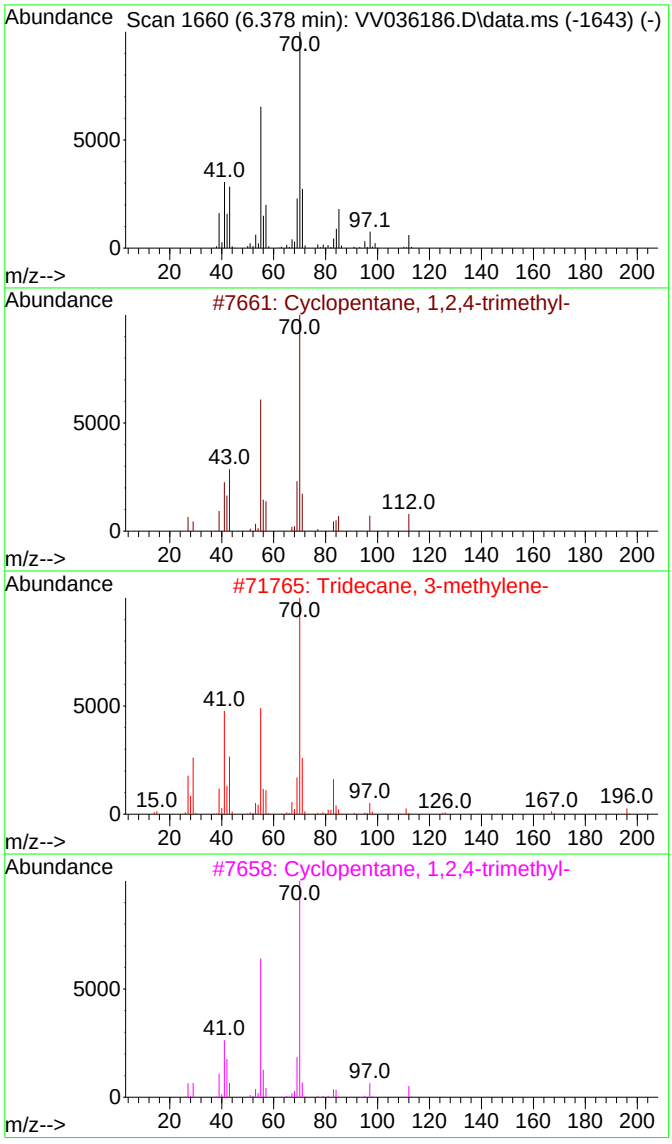
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

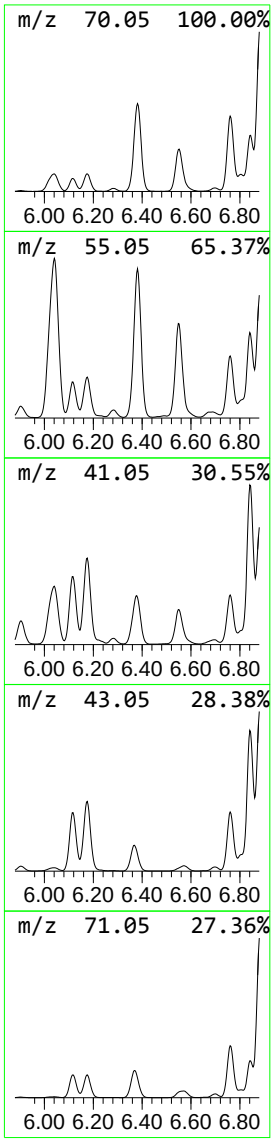
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic6.378 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	59.78 ug/L	2776050	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
2	Tridecane, 3-methylene-	196	C14H28	019780-34-8	78
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	74
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

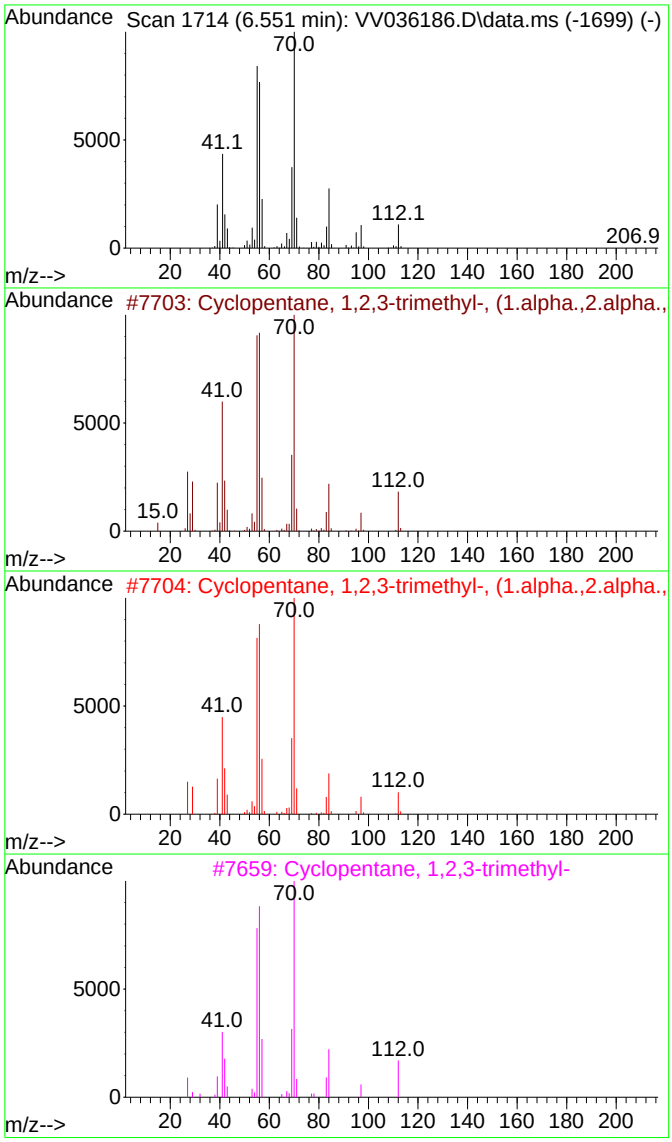
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

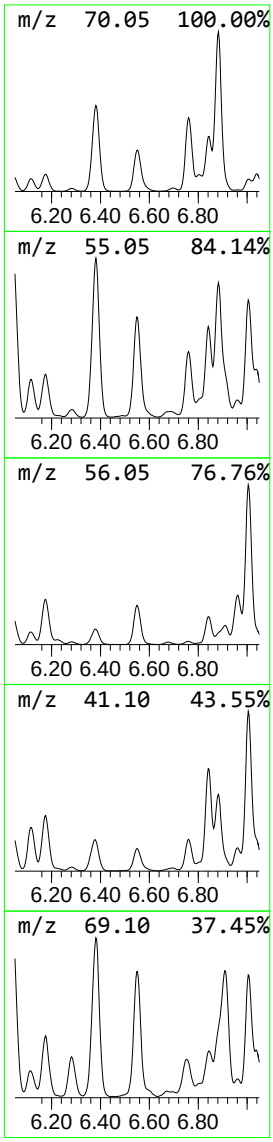
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic6.551 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	37.03 ug/L	1719700	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	87
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

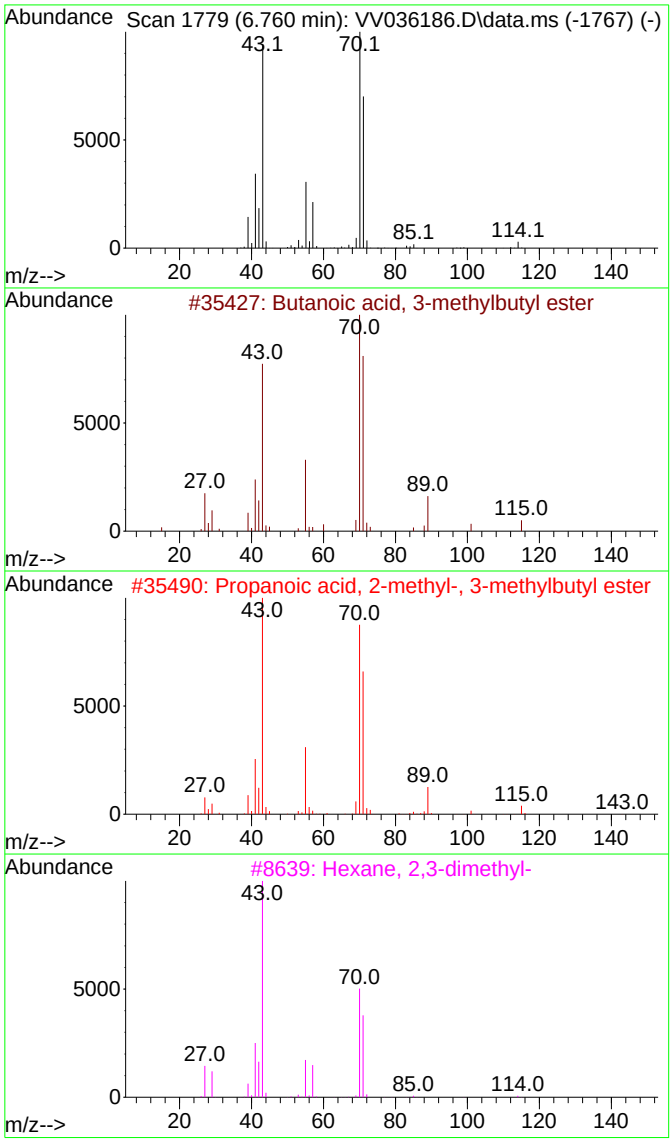
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

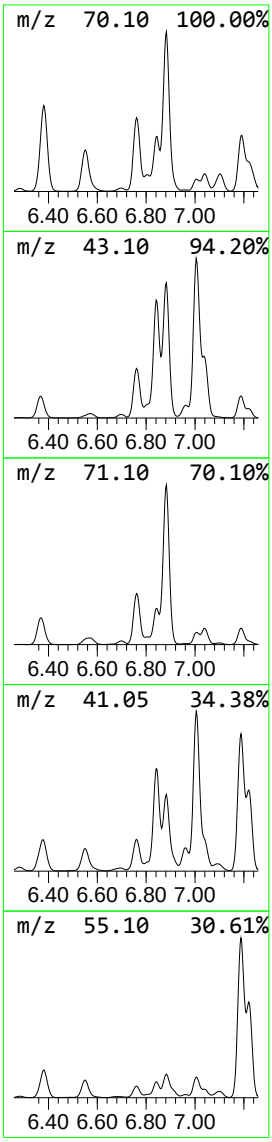
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Butanoic acid, 3-methylbuty... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.760	41.47 ug/L	1925880	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	83
2	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	83
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
4	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	78
5	Diisoamyl ether	158	C10H22O	000544-01-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

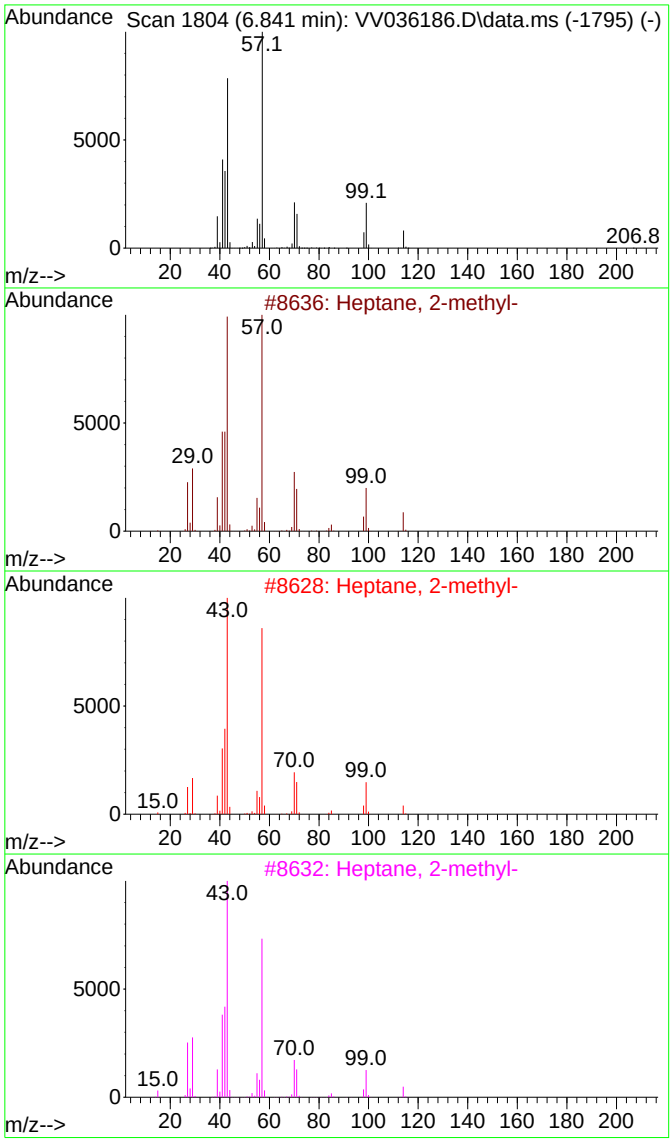
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

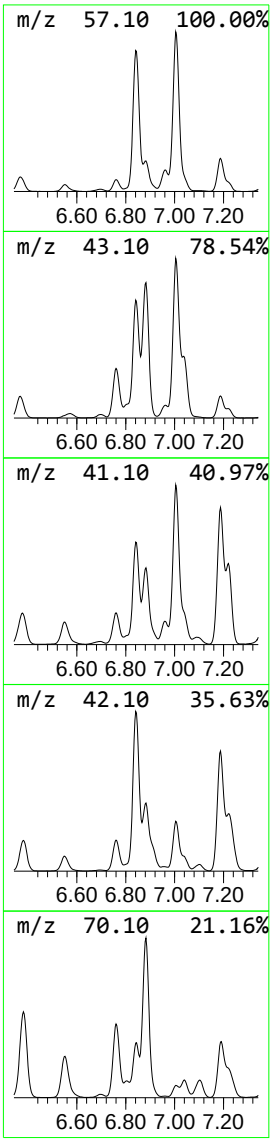
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.841	89.98 ug/L	4178940	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	2-Piperidinone	99	C5H9NO	000675-20-7	58
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

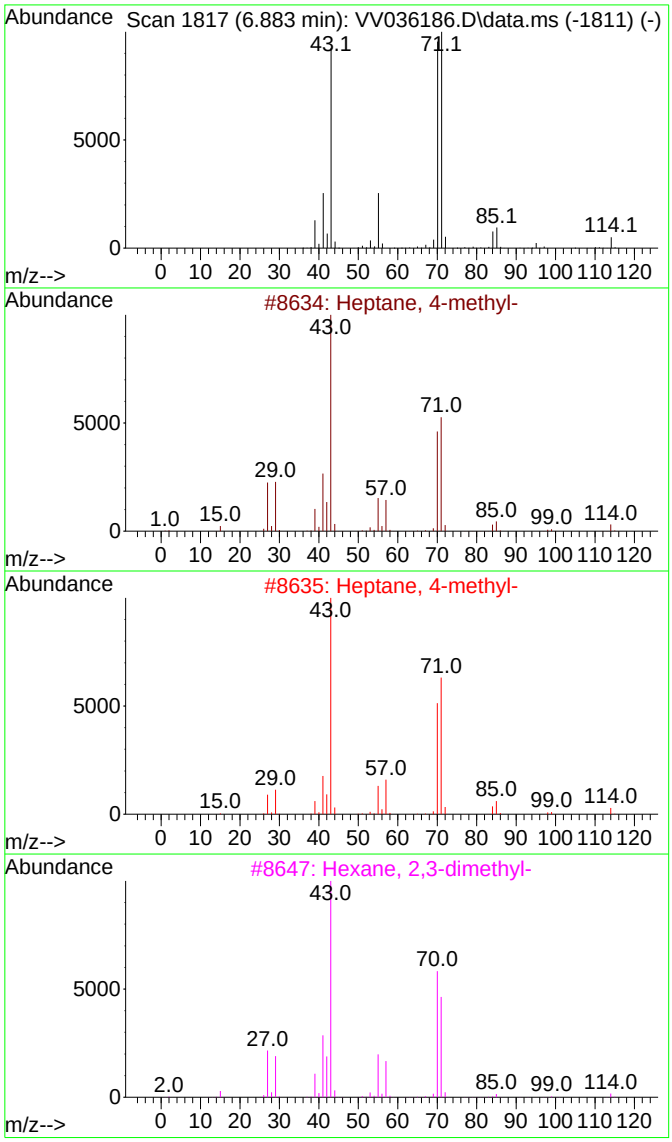
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

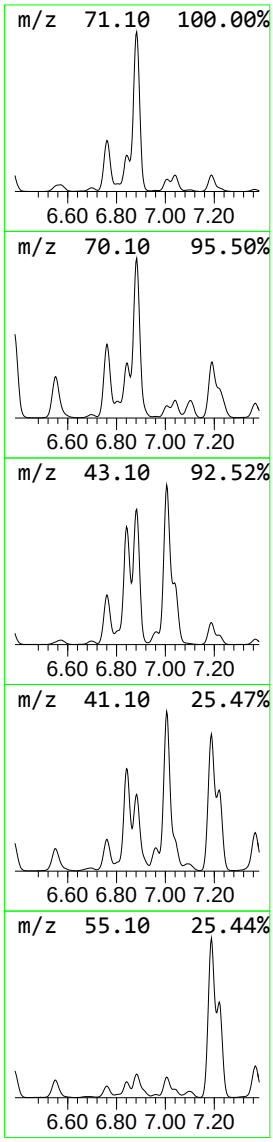
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.883	104.42 ug/L	4849200	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	86
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	86
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

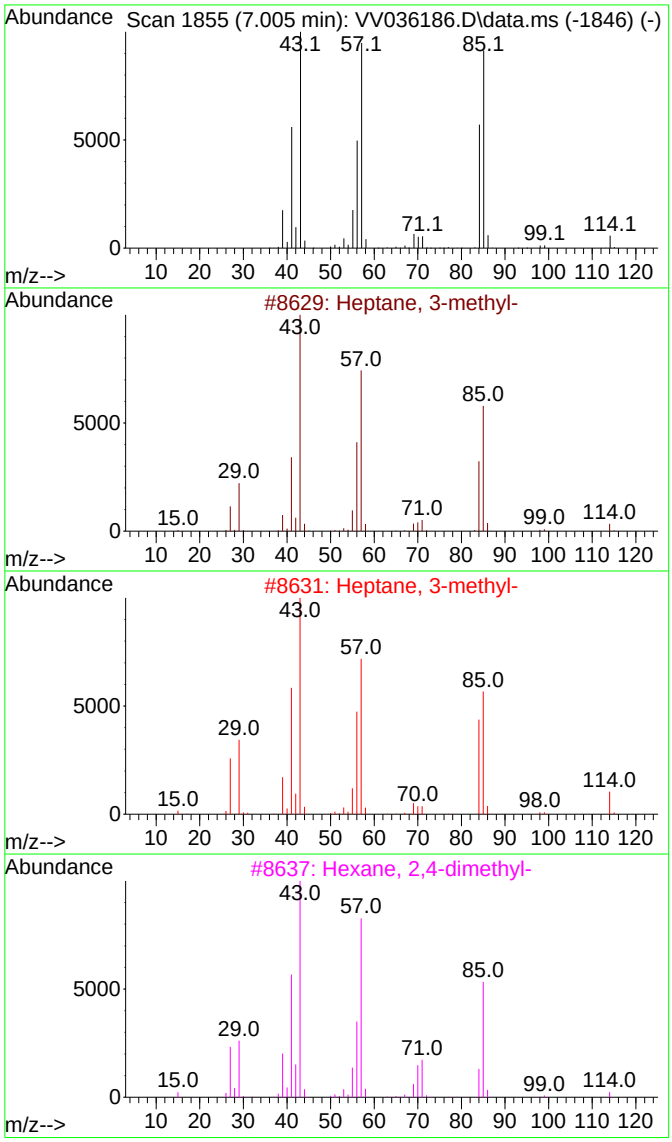
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

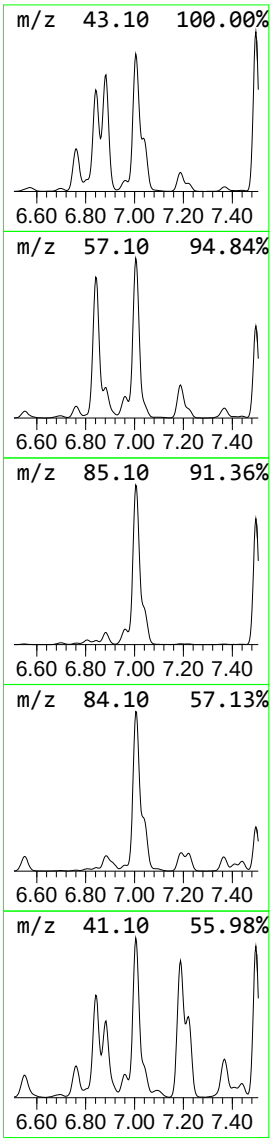
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.005	179.60 ug/L	8340570	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	81
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

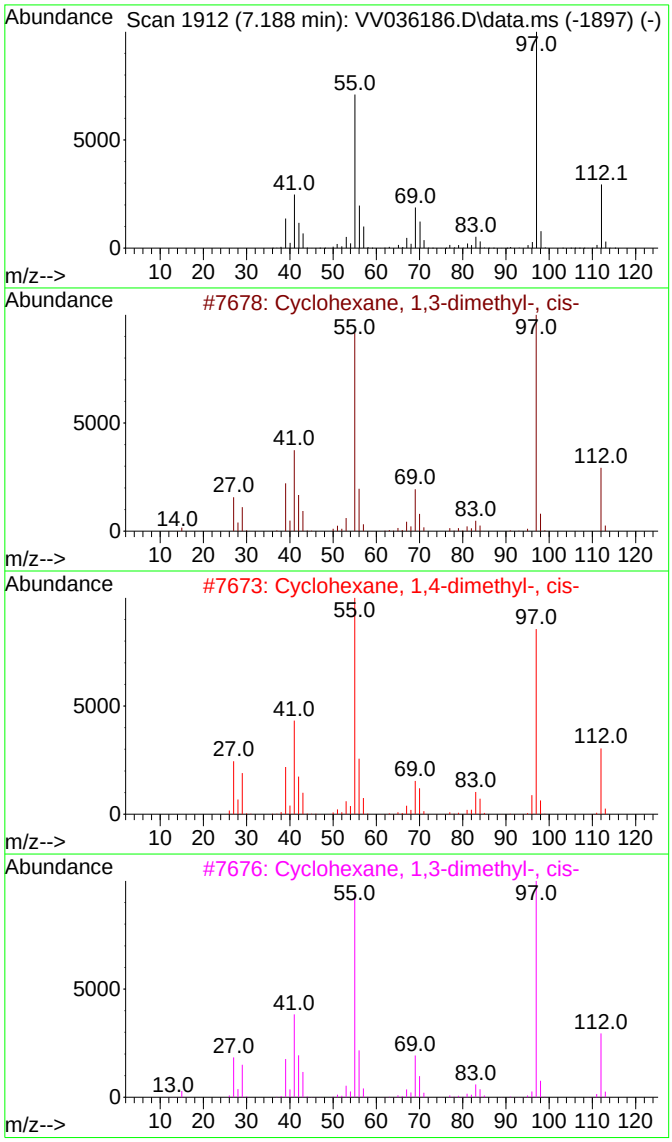
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

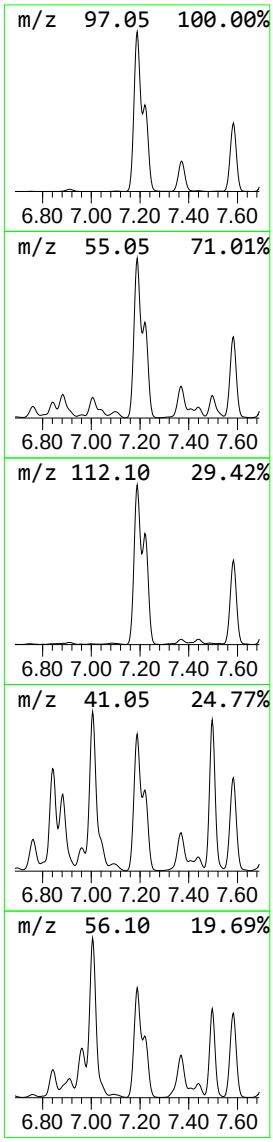
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic7.188 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	232.51 ug/L	11144400	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

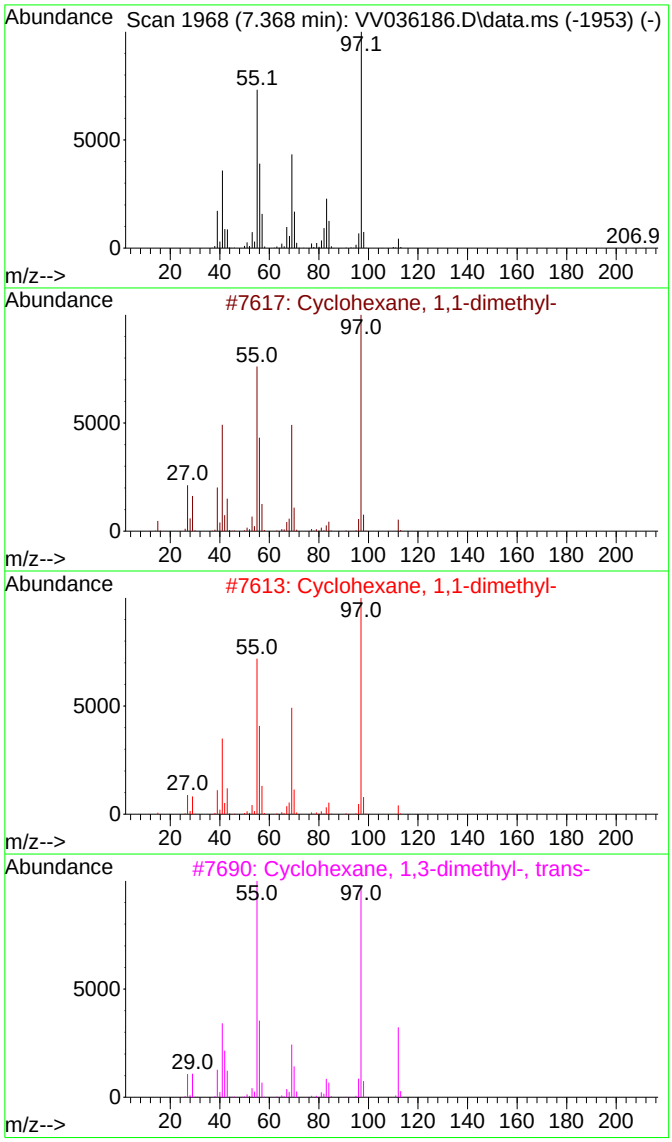
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

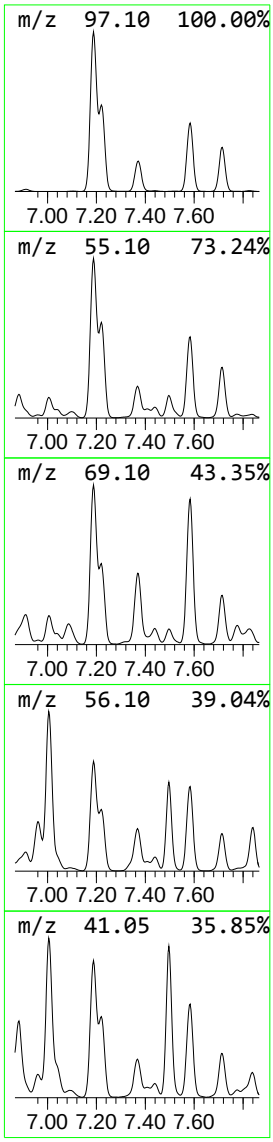
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.368 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.368	55.45 ug/L	2657910	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

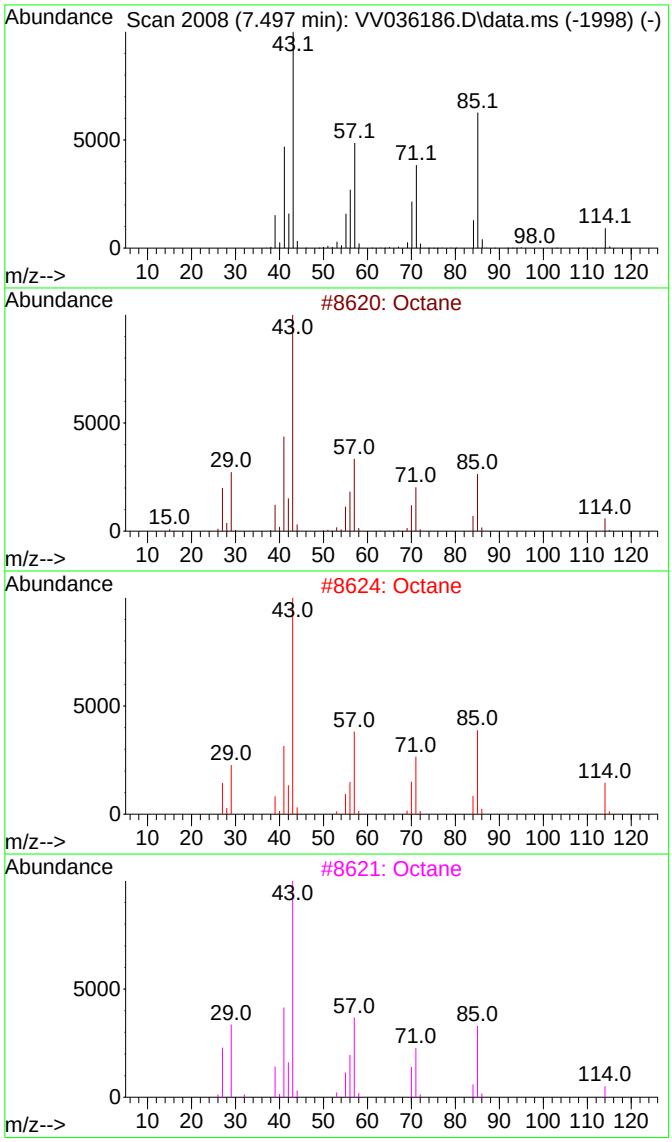
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

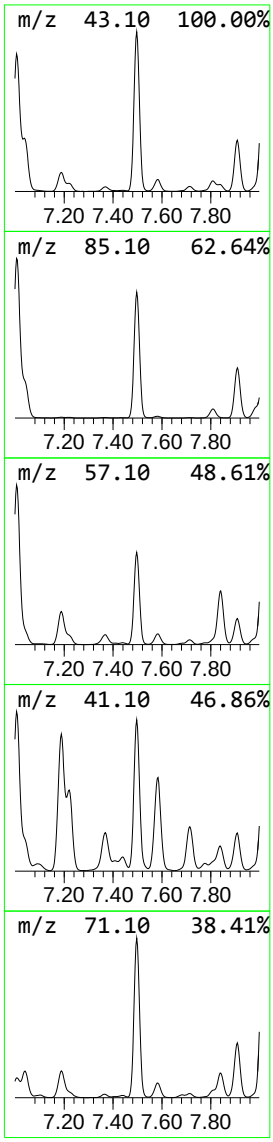
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	126.08 ug/L	6042800	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	94
3	Octane	114	C8H18	000111-65-9	91
4	Octane	114	C8H18	000111-65-9	91
5	Octane	114	C8H18	000111-65-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

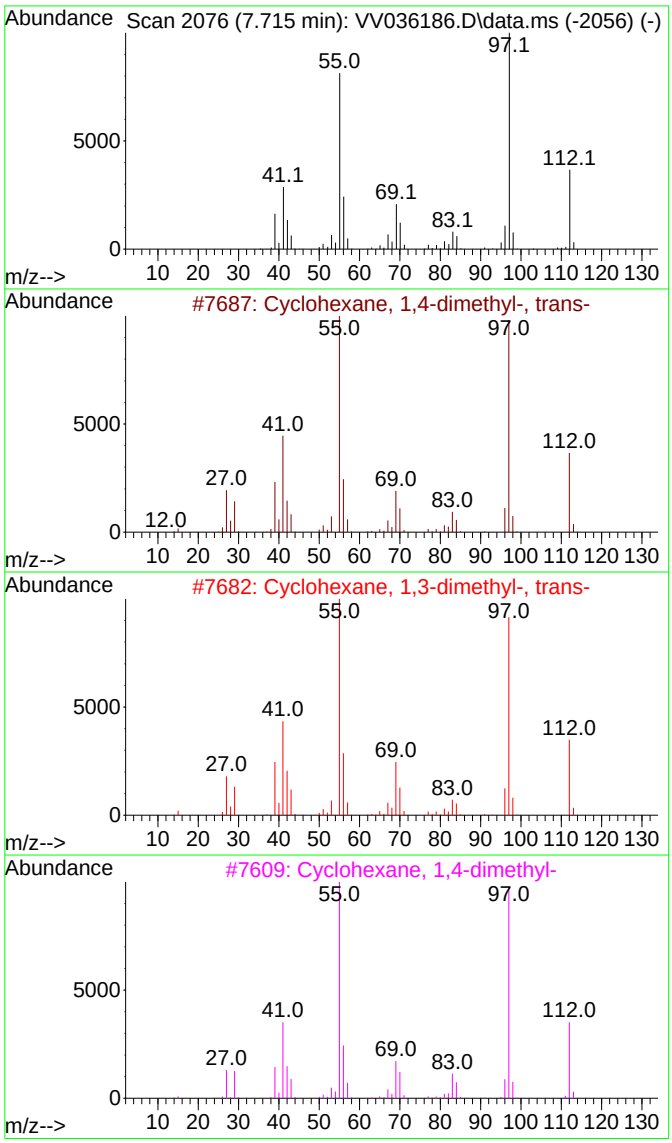
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

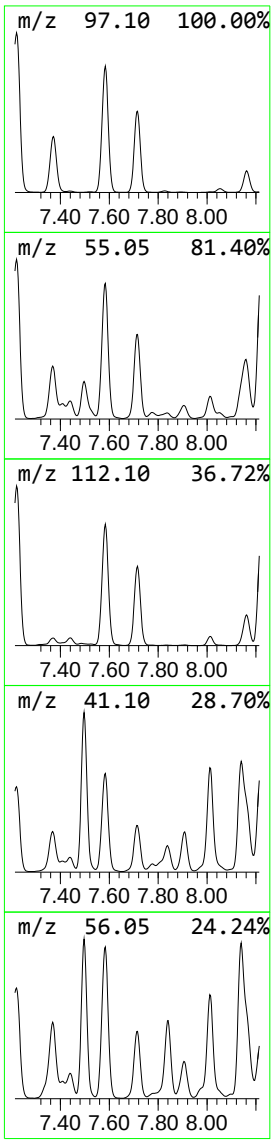
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic7.715 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.715	70.46 ug/L	3377170	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

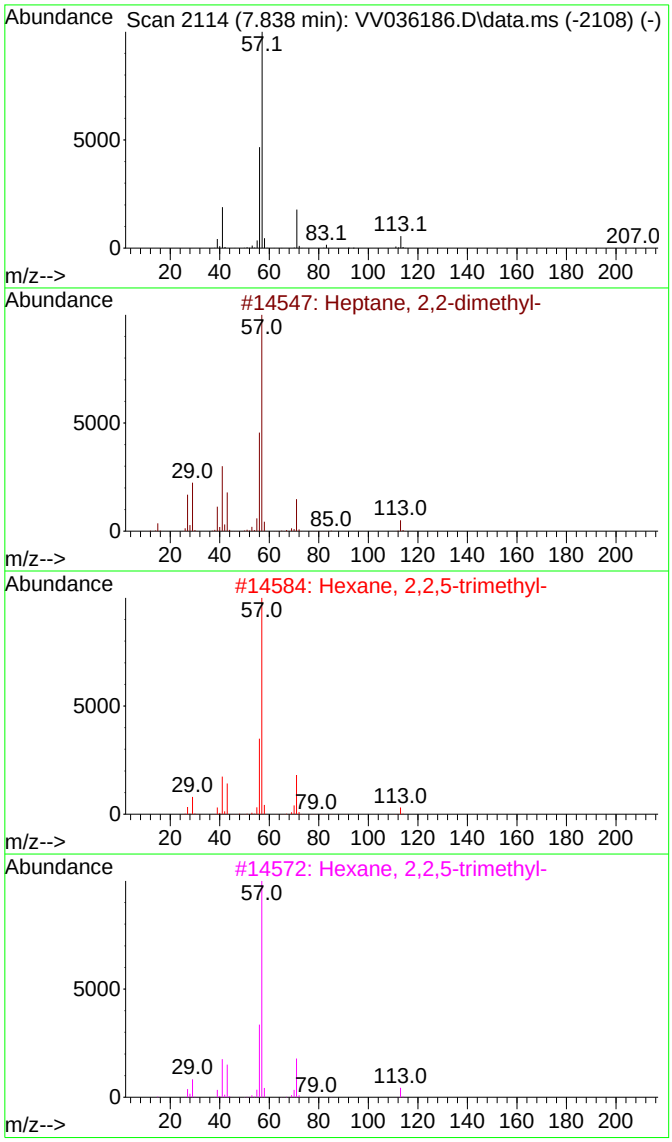
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

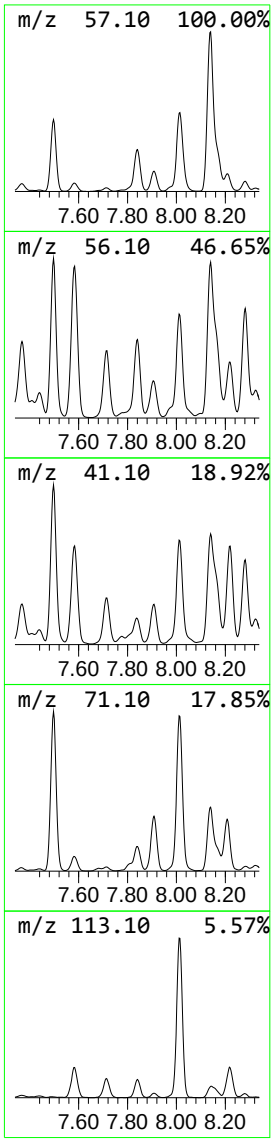
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.838	20.35 ug/L	975334	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	78
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	74
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

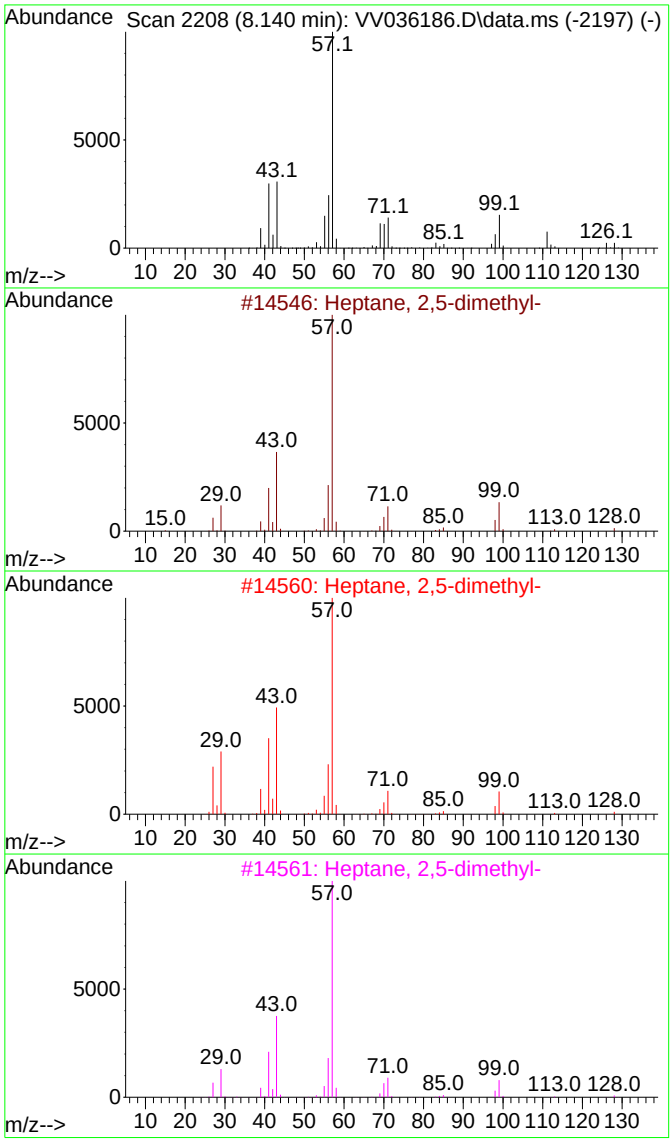
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

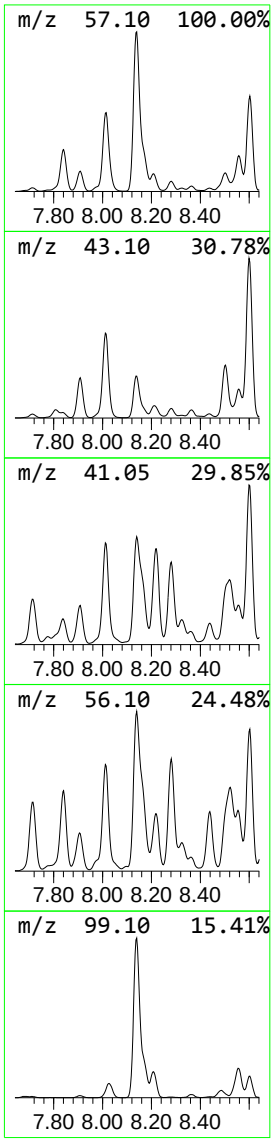
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.140	161.67 ug/L	7748570	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

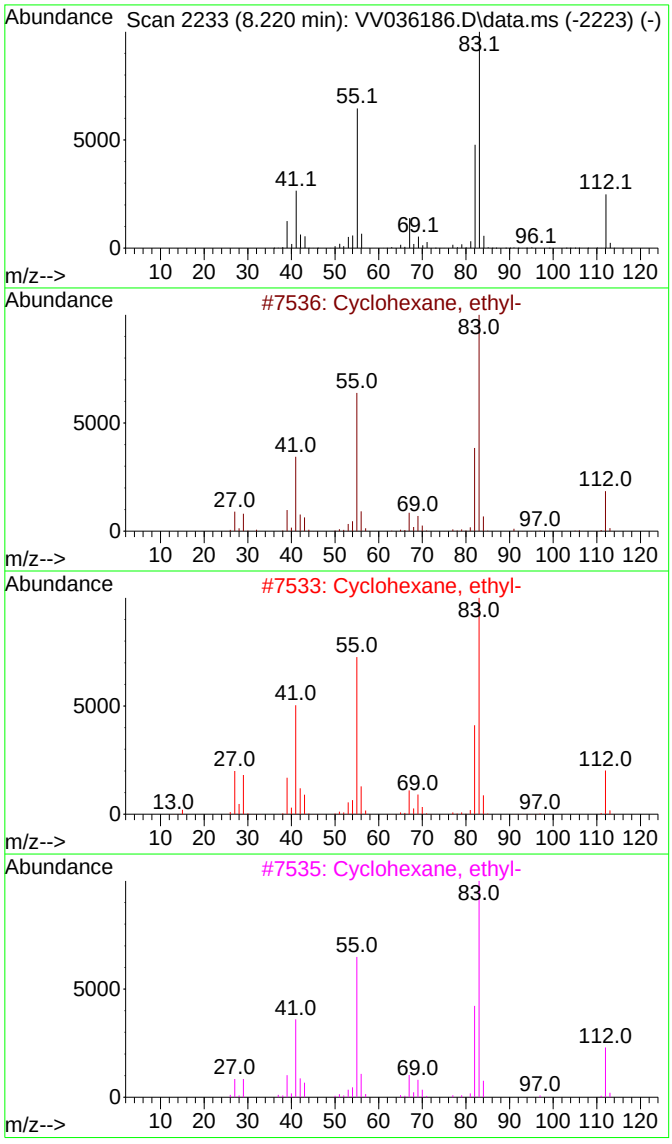
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

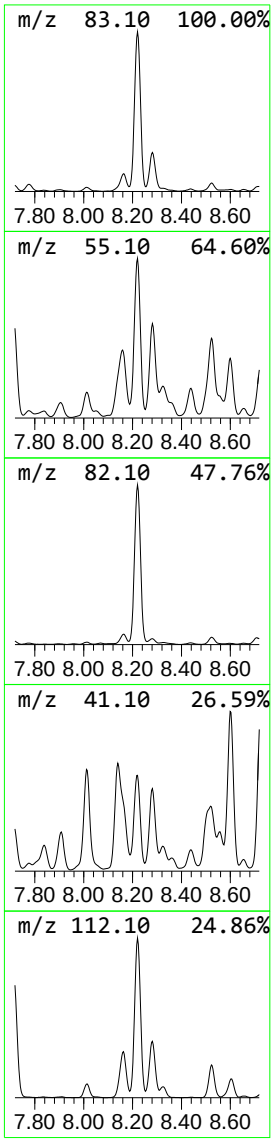
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic8.220 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	107.63 ug/L	5158470	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	68
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

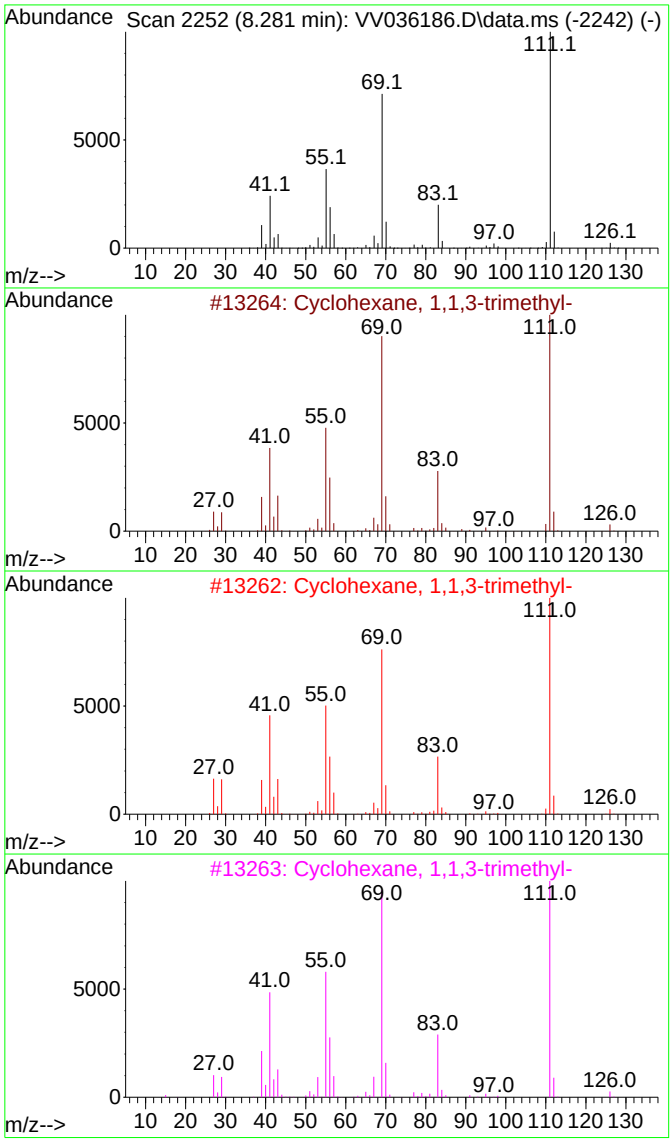
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

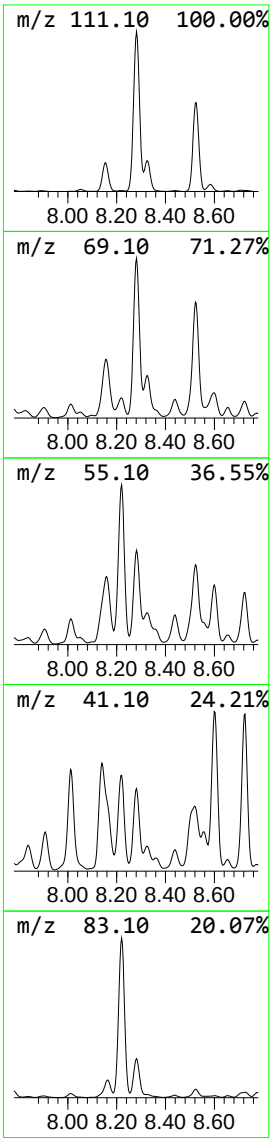
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.281 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	105.10 ug/L	5037380	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

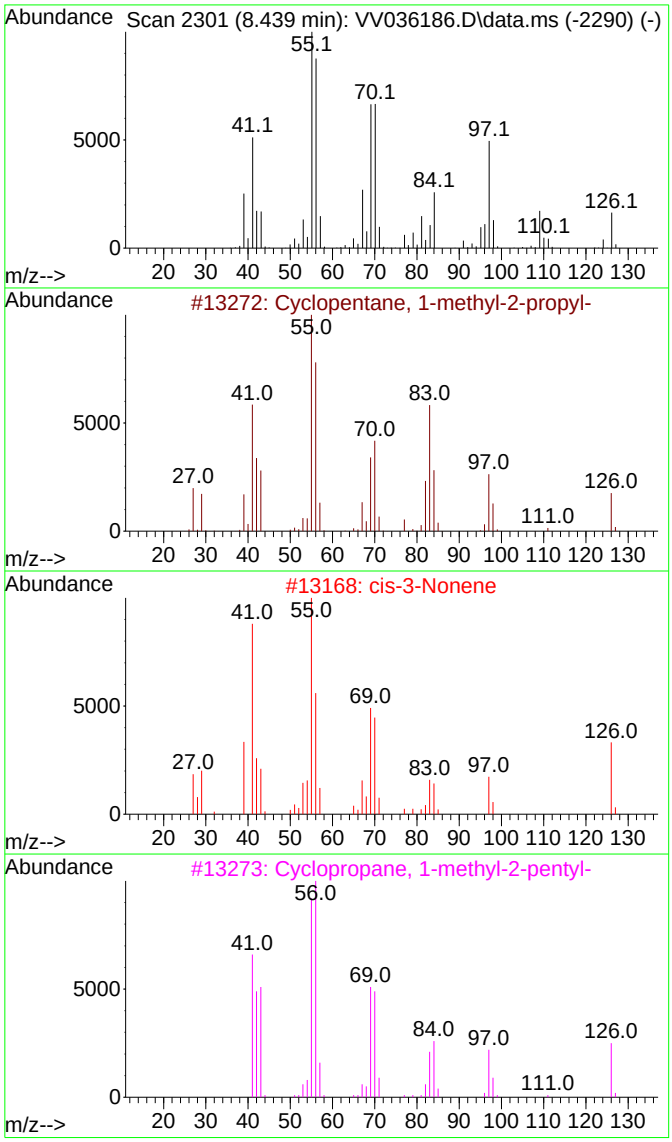
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

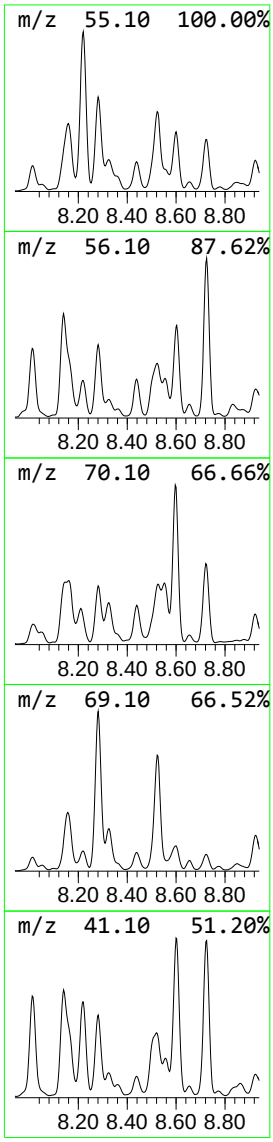
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.439 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	26.19 ug/L	1255450	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	64
2	cis-3-Nonene	126	C9H18	020237-46-1	60
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	58
4	Cycloheptane	98	C7H14	000291-64-5	43
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

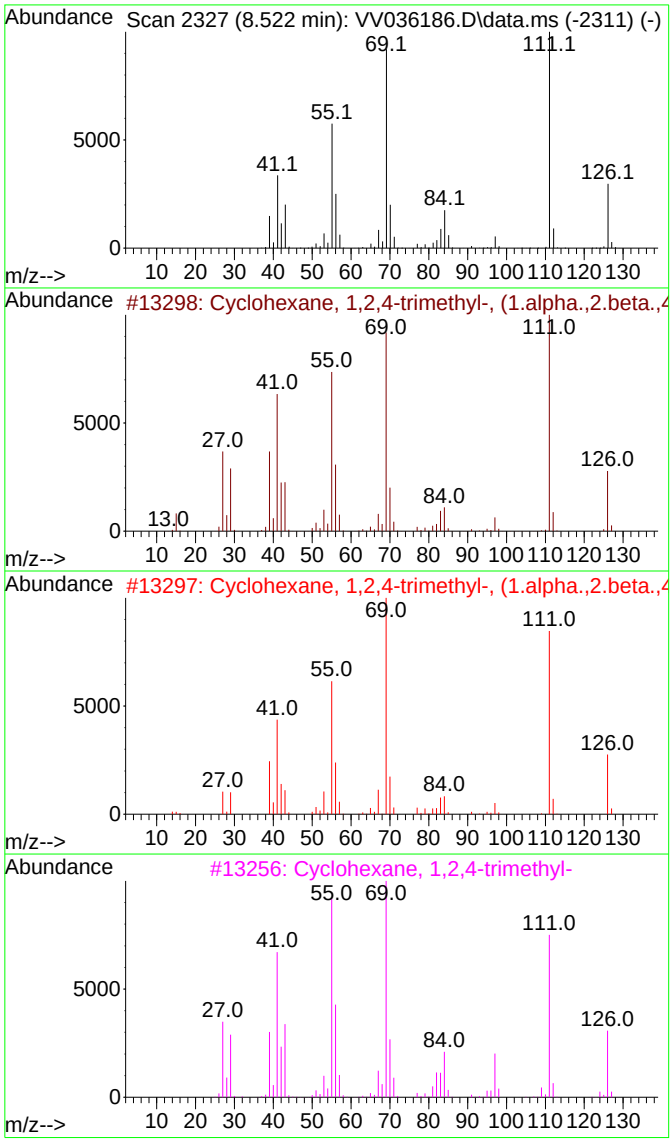
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

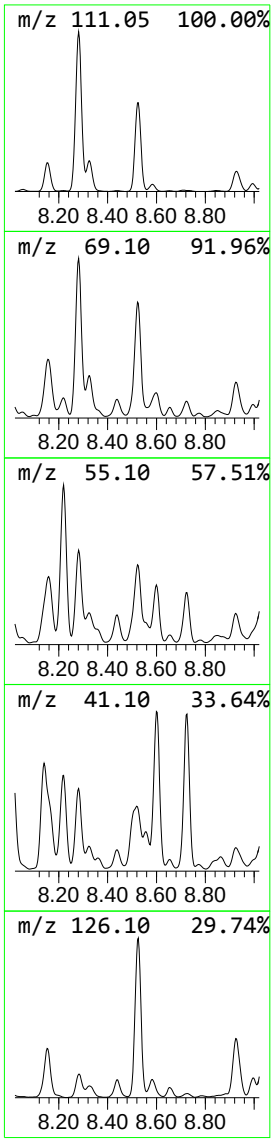
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.522 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	126.74 ug/L	6074700	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

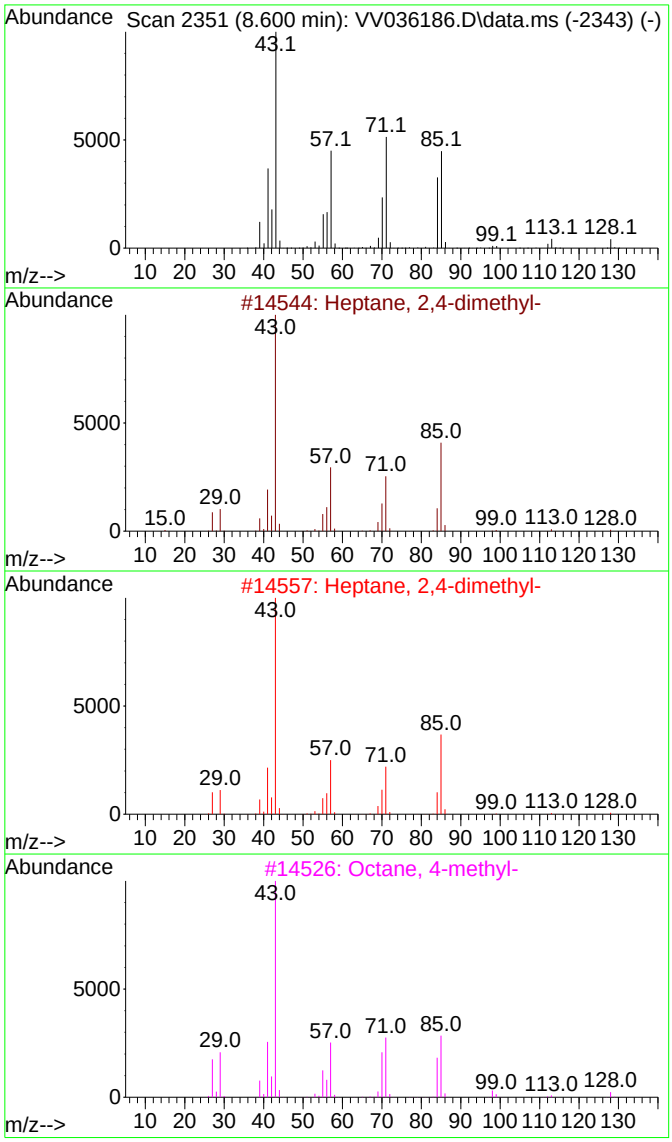
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

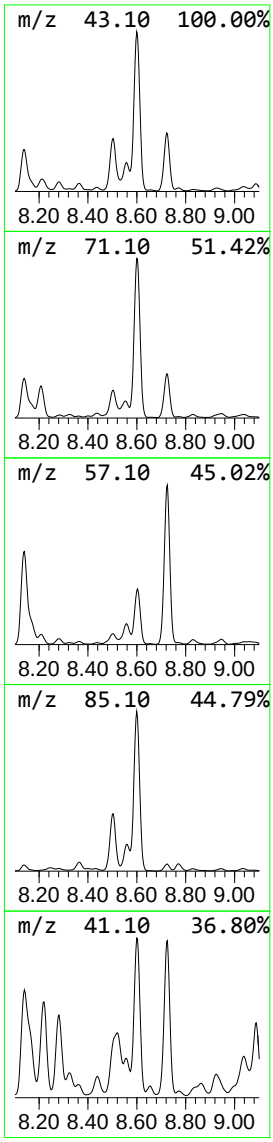
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.600	169.22 ug/L	8110580	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	68
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5	Octane, 4-methyl-	128	C9H20	002216-34-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

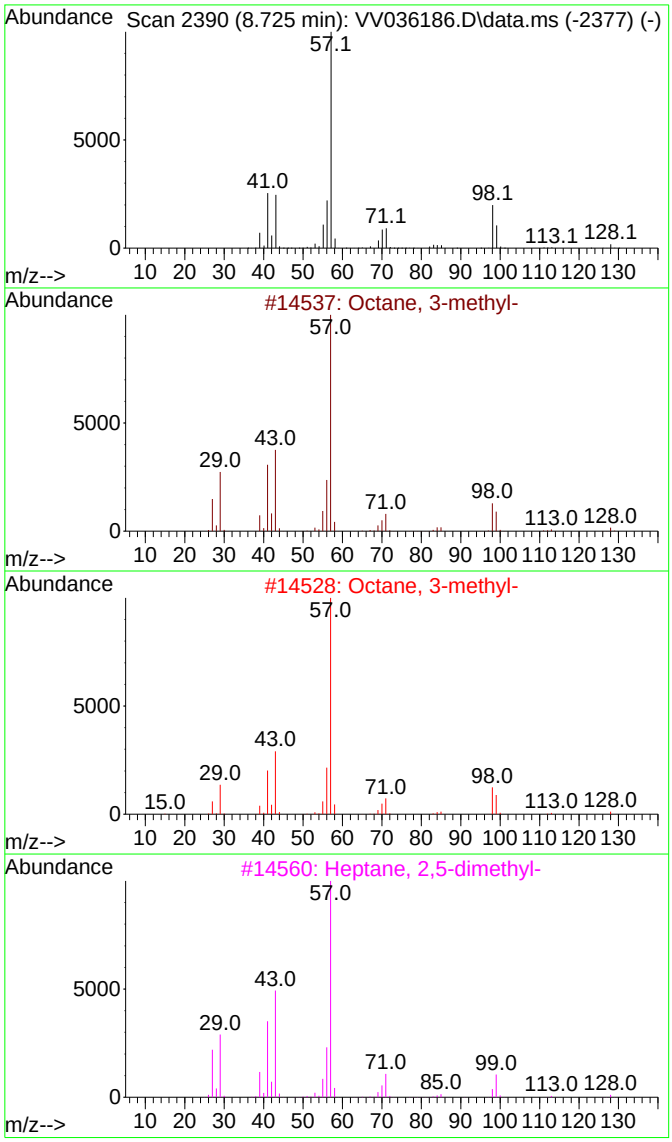
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

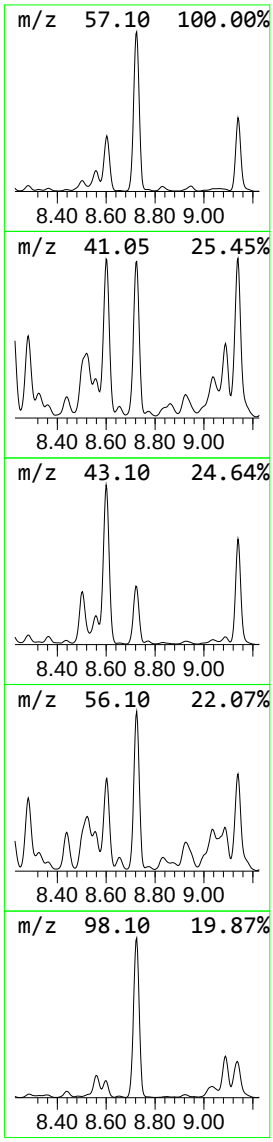
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	145.51 ug/L	6974180	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	83
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Octane, 3-methyl-	128	C9H20	002216-33-3	80
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

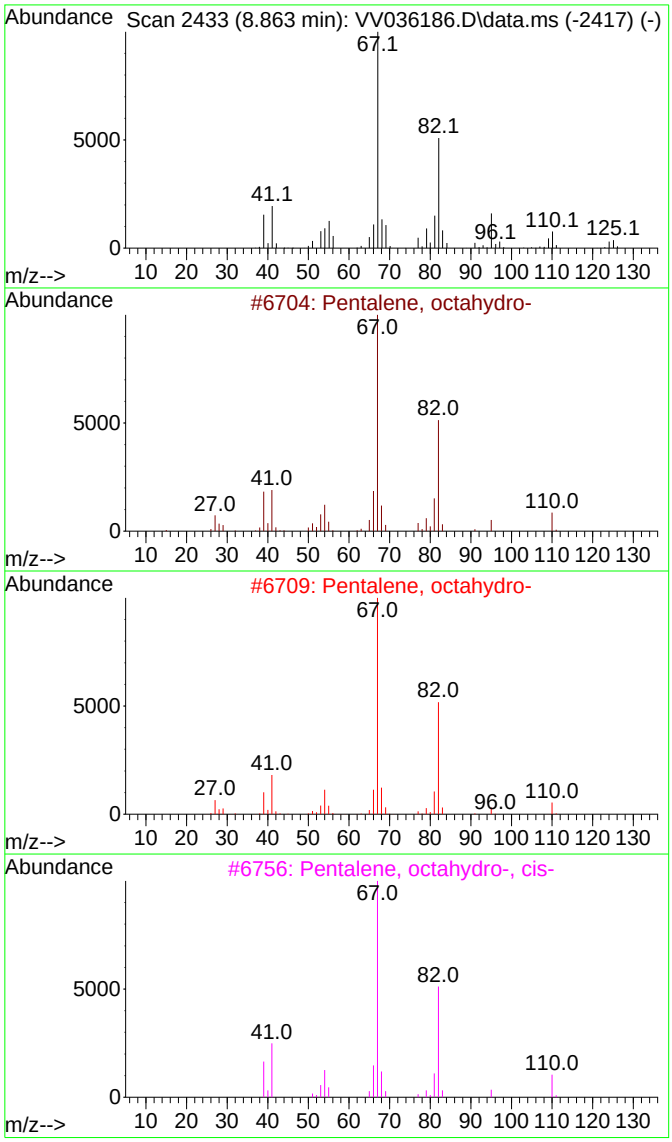
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

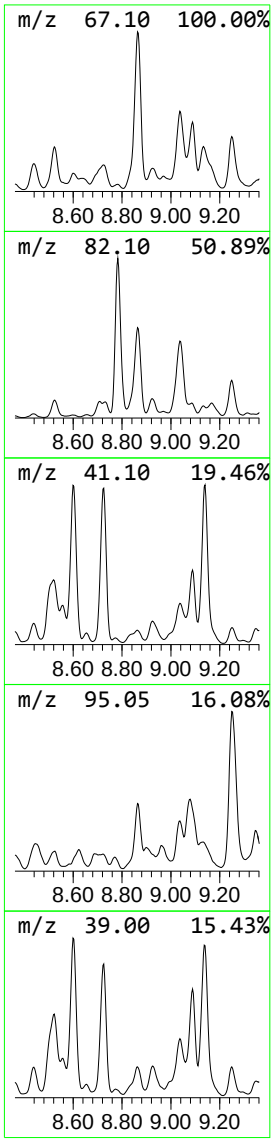
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Pentalene, octahydro- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	25.07 ug/L	1201580	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	74
2	Pentalene, octahydro-	110	C8H14	000694-72-4	72
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
4	Ethyl (E)-hex-3-enyl carbonate	172	C9H16O3	1000373-83-8	59
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	59





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Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

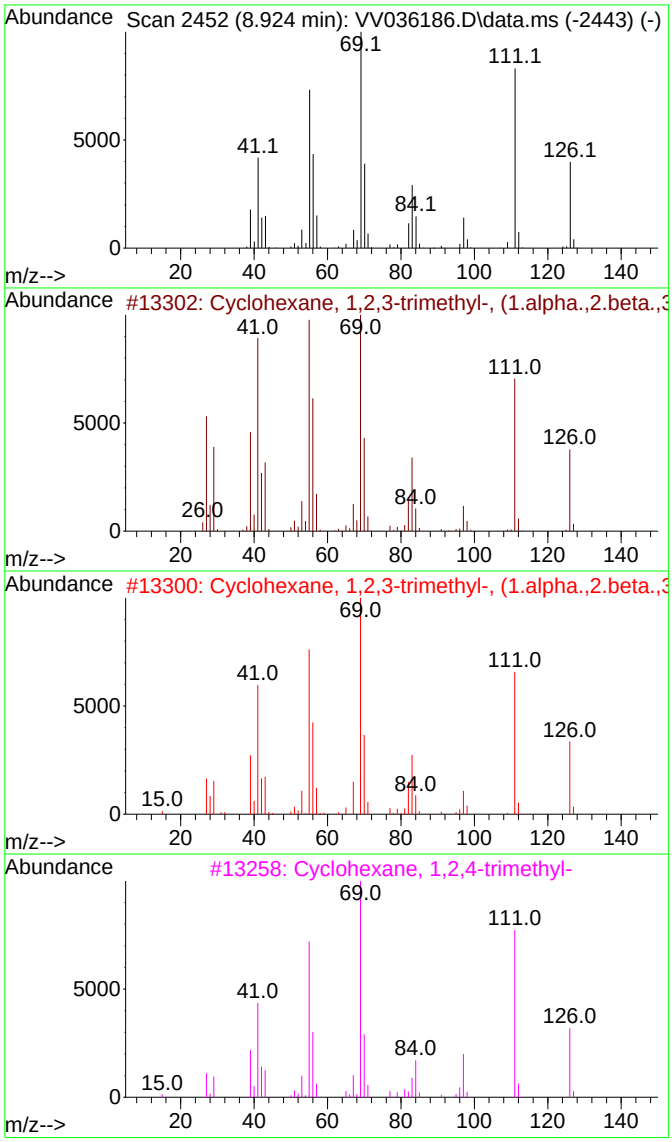
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

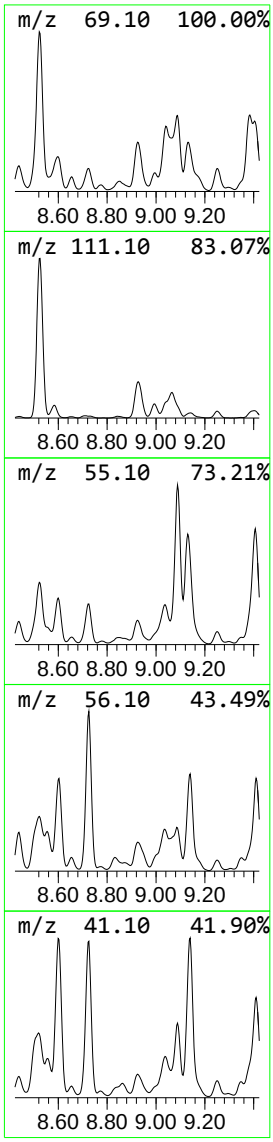
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.924 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.924	32.87 ug/L	1575380	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	96
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	95
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

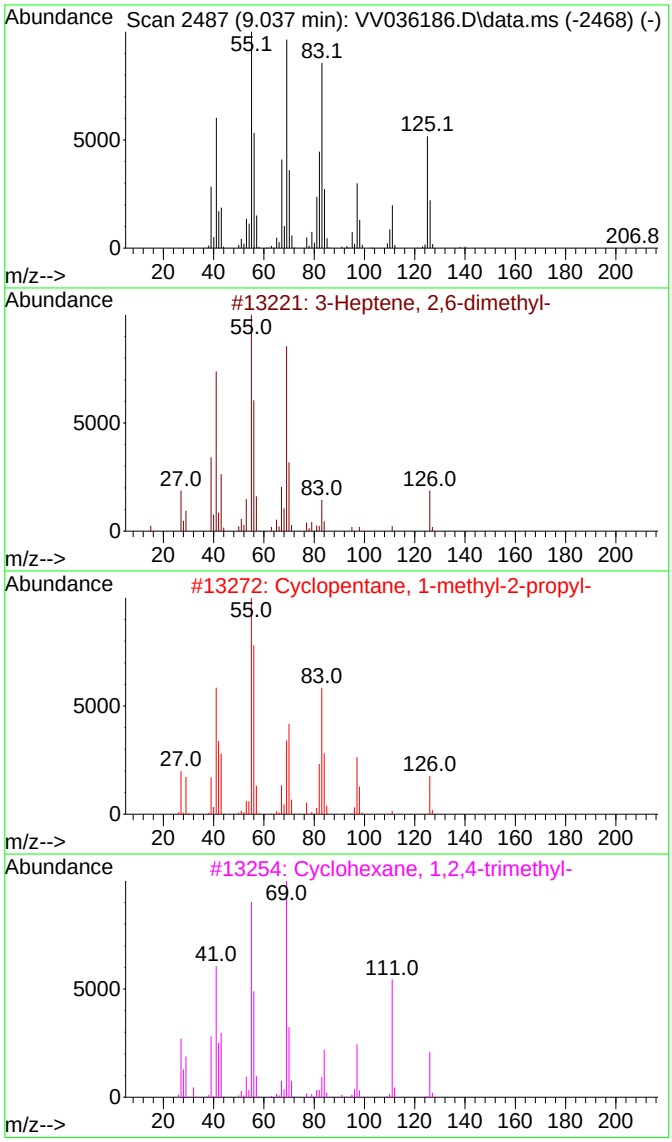
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

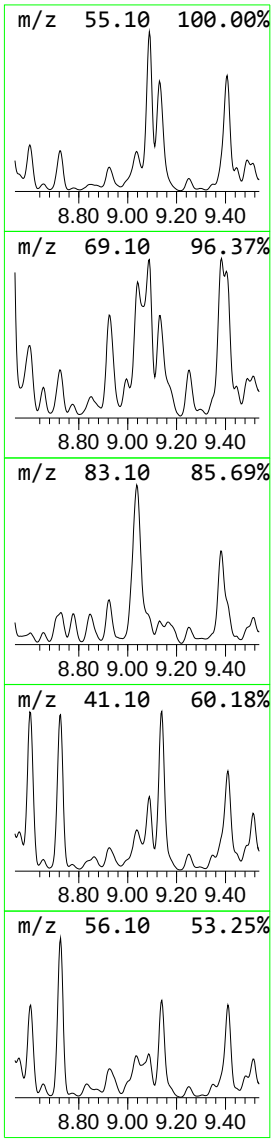
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	68.58 ug/L	3287070	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	42
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	42
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	41
4	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	38
5	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

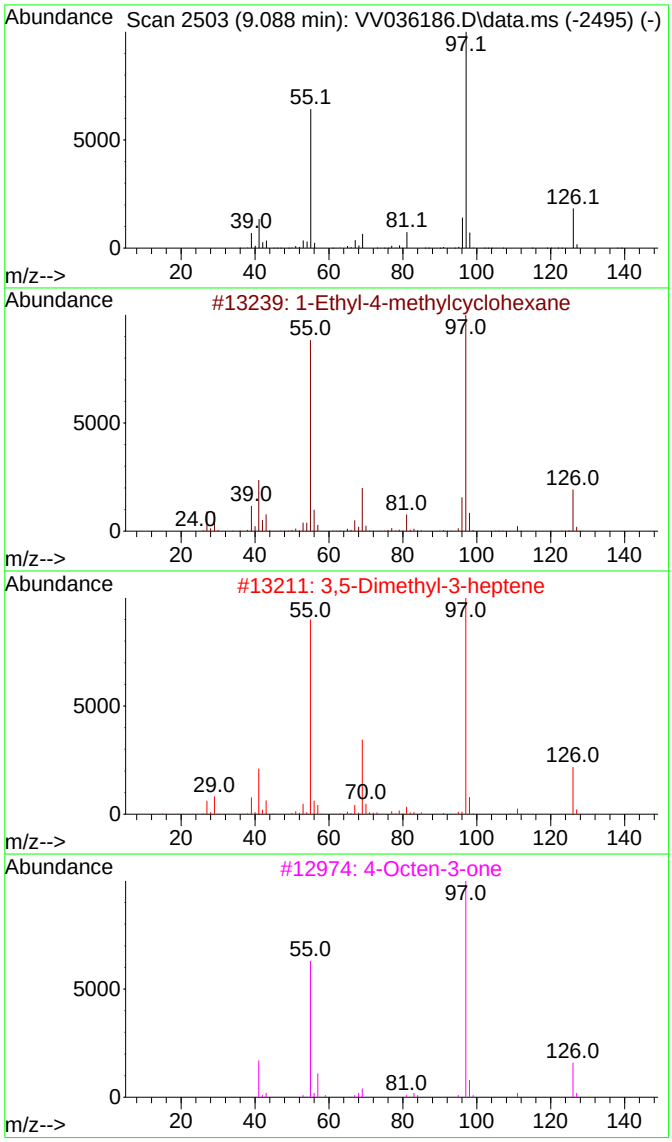
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

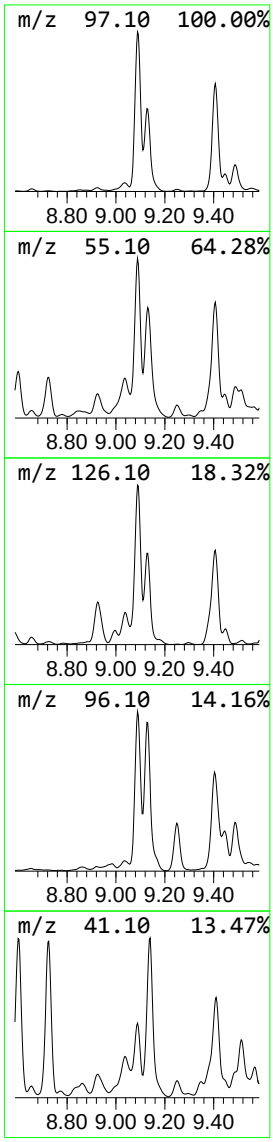
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic9.088 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.088	112.84 ug/L	5408190	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3	4-Octen-3-one	126	C8H14O	014129-48-7	72
4	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

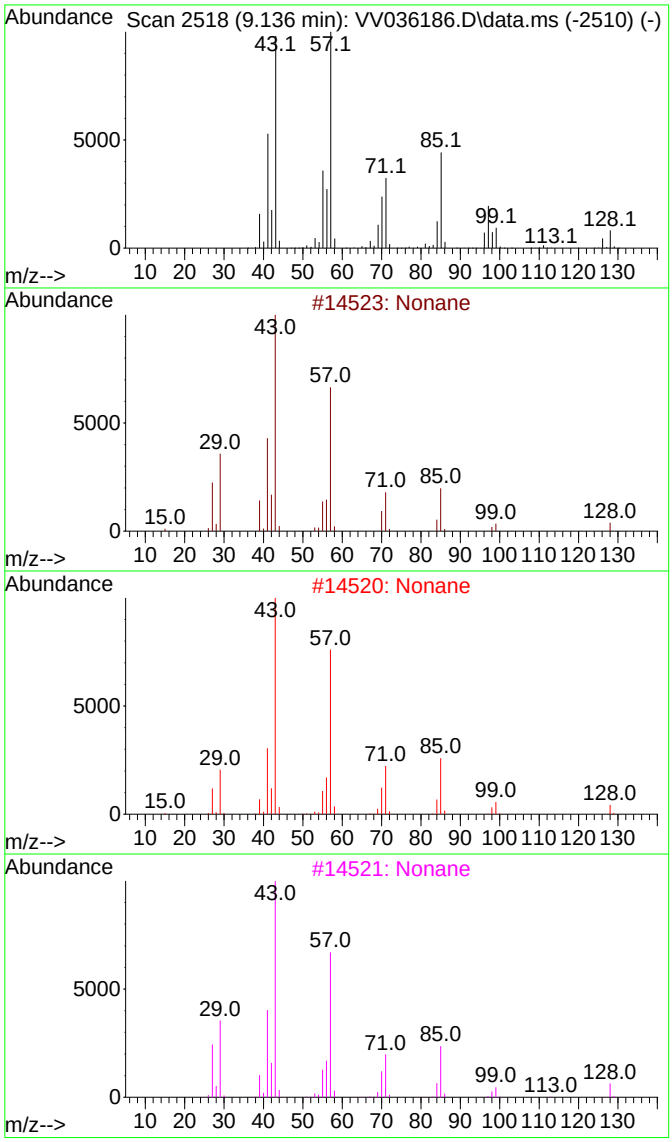
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

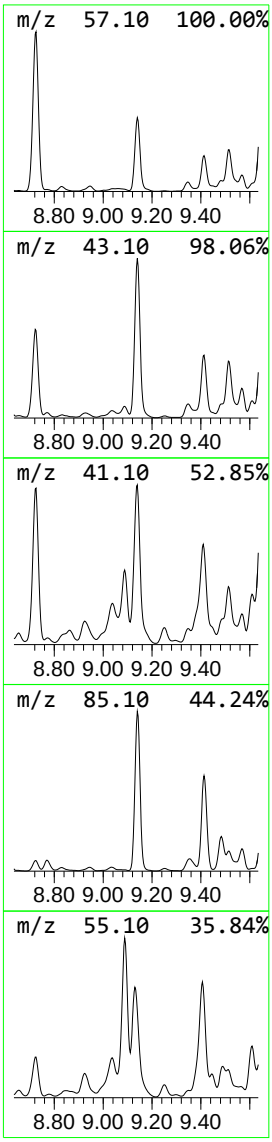
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.136	195.86 ug/L	9387310	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	87
5	Octane	114	C8H18	000111-65-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

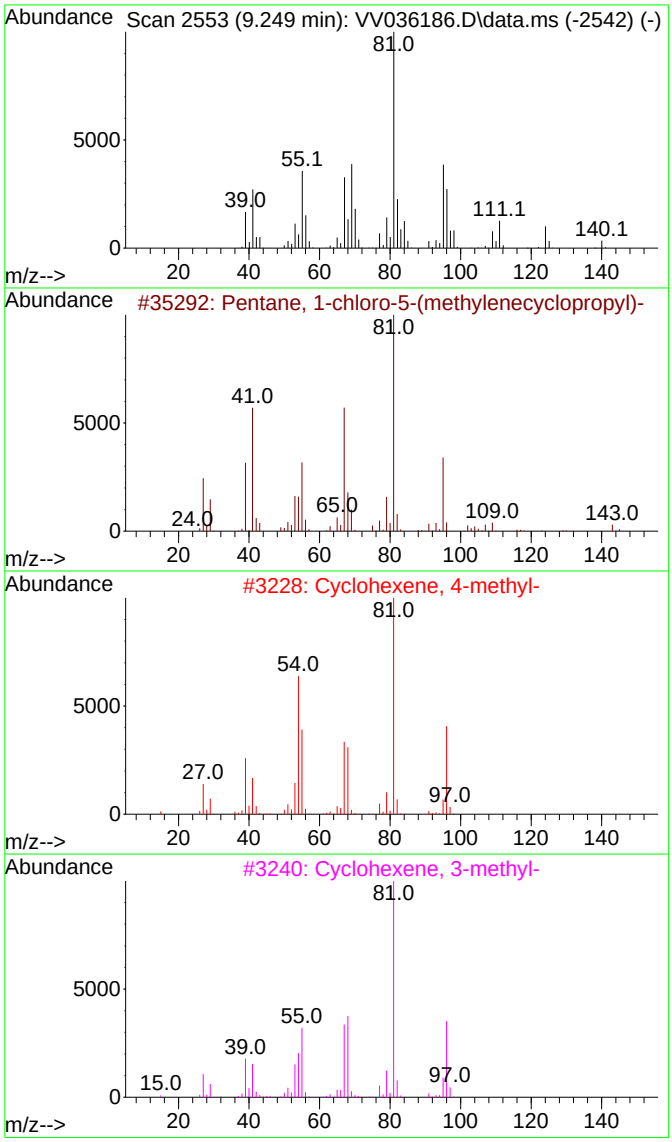
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

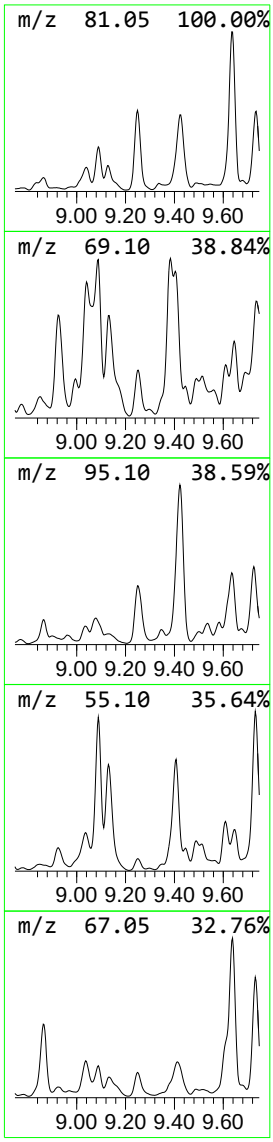
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Pentane, 1-chloro-5-(methyl... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	37.14 ug/L	1779980	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	50
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

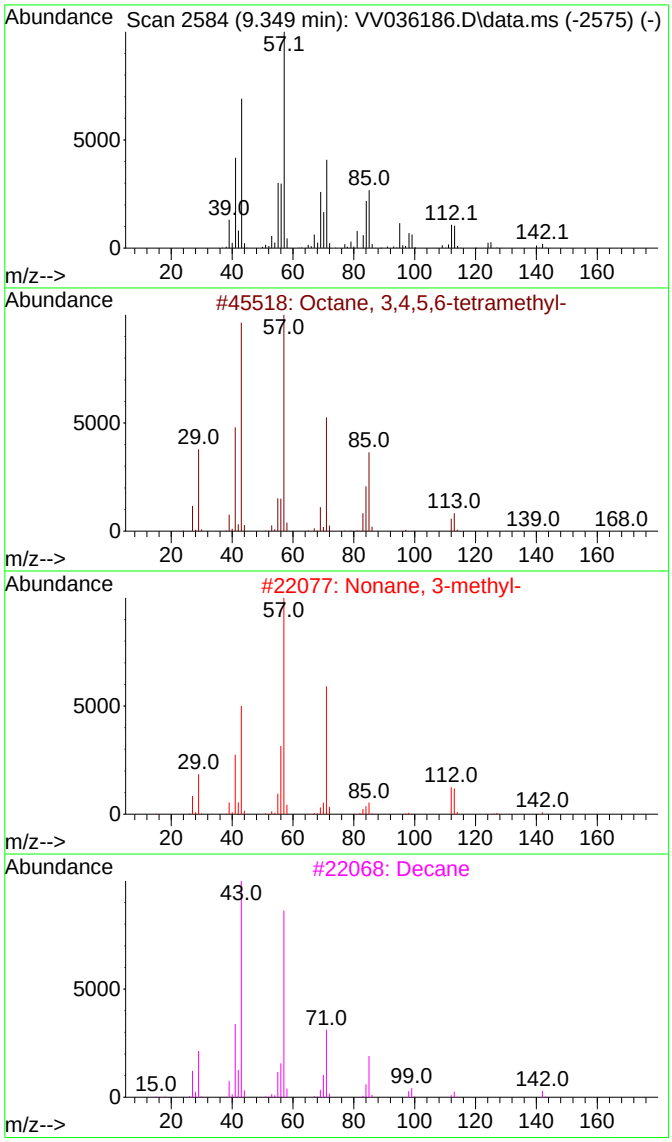
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

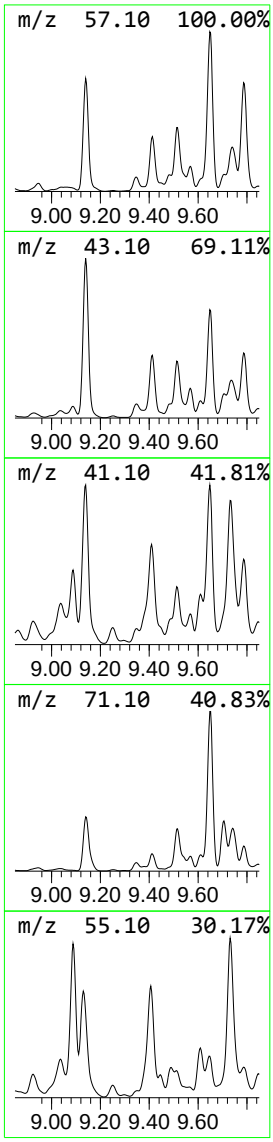
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.349	14.48 ug/L	694045	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
3	Decane	142	C10H22	000124-18-5	58
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5	Decane	142	C10H22	000124-18-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

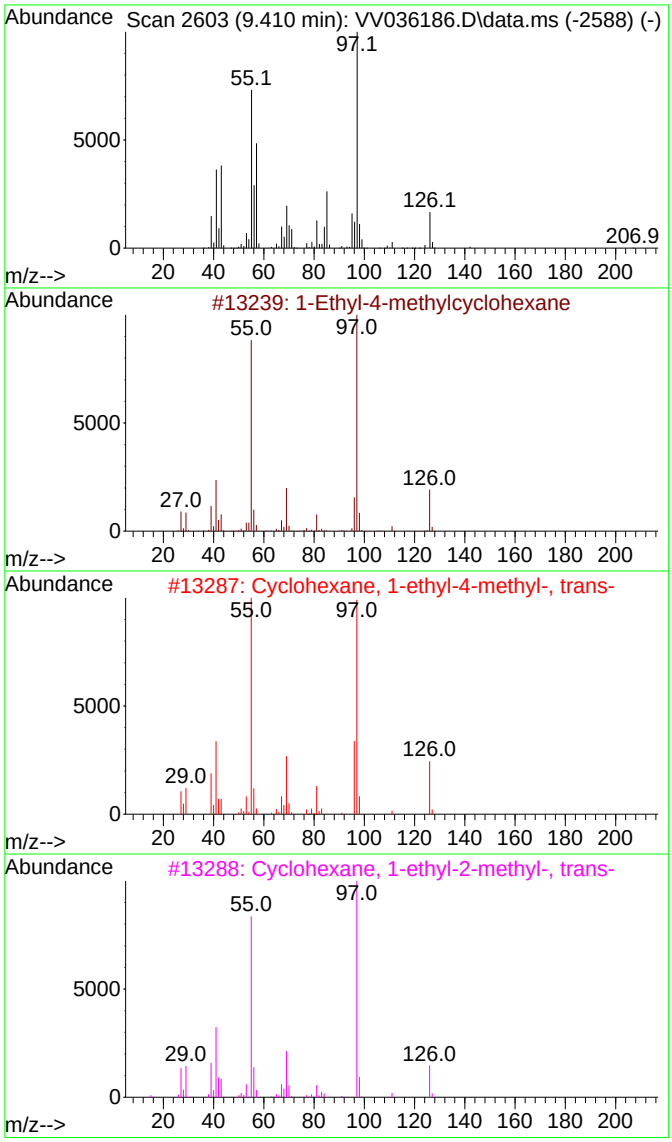
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

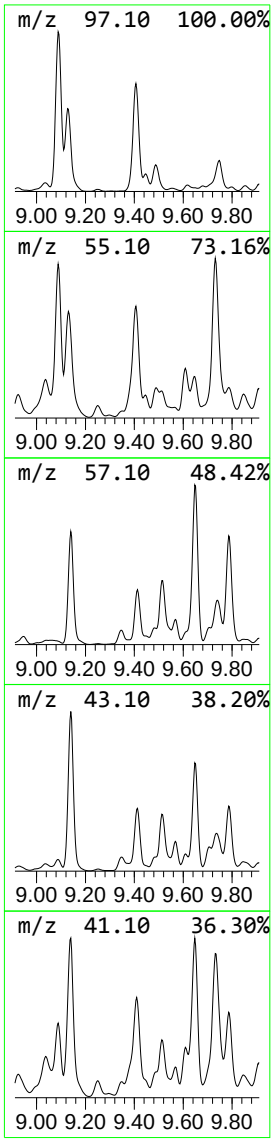
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic9.410 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	175.16 ug/L	8395280	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	62
5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

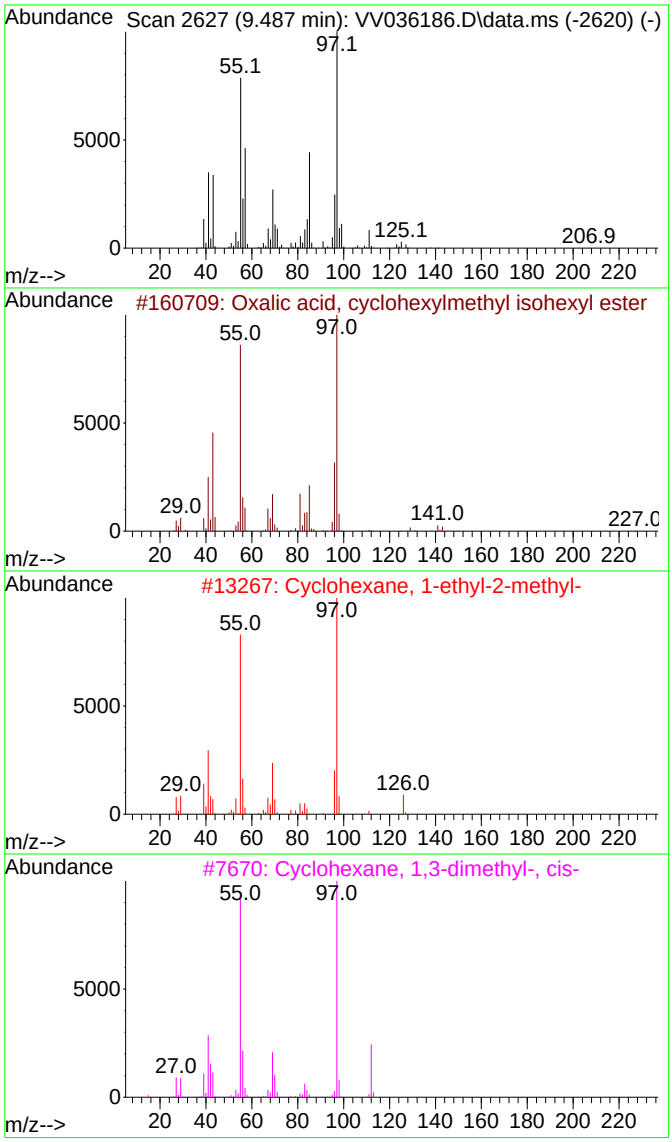
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

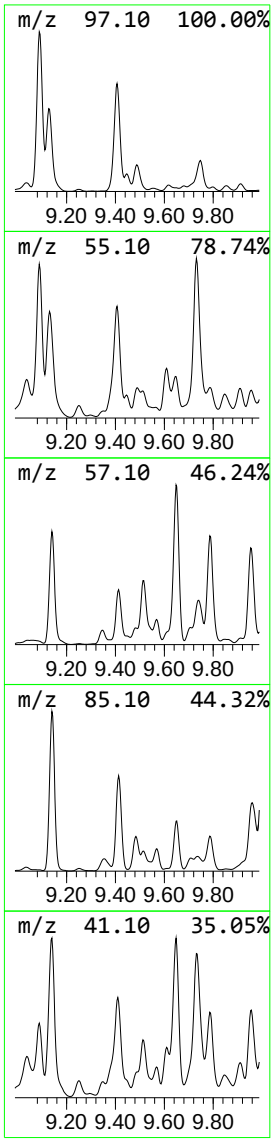
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Oxalic acid, cyclohexylmeth... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	18.61 ug/L	892190	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
4	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	47
5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

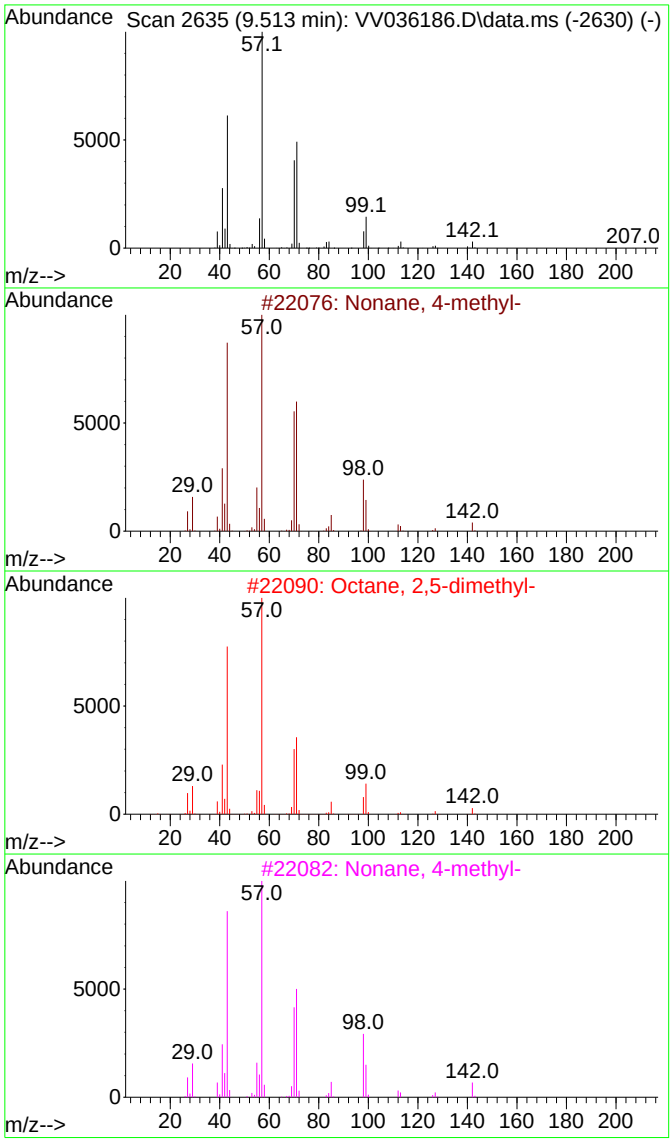
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

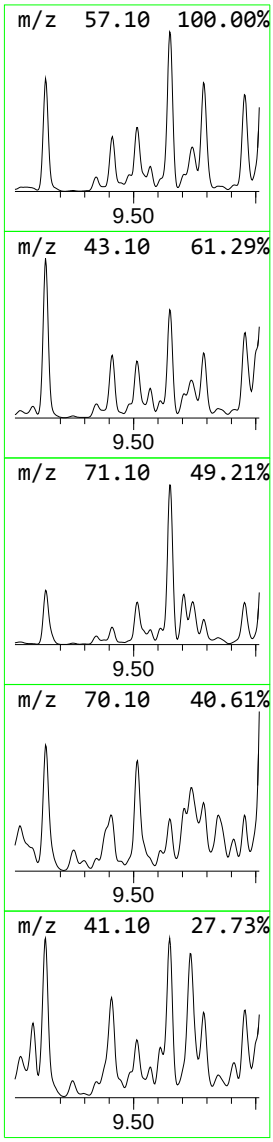
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	62.45 ug/L	2993420	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	91
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	78
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

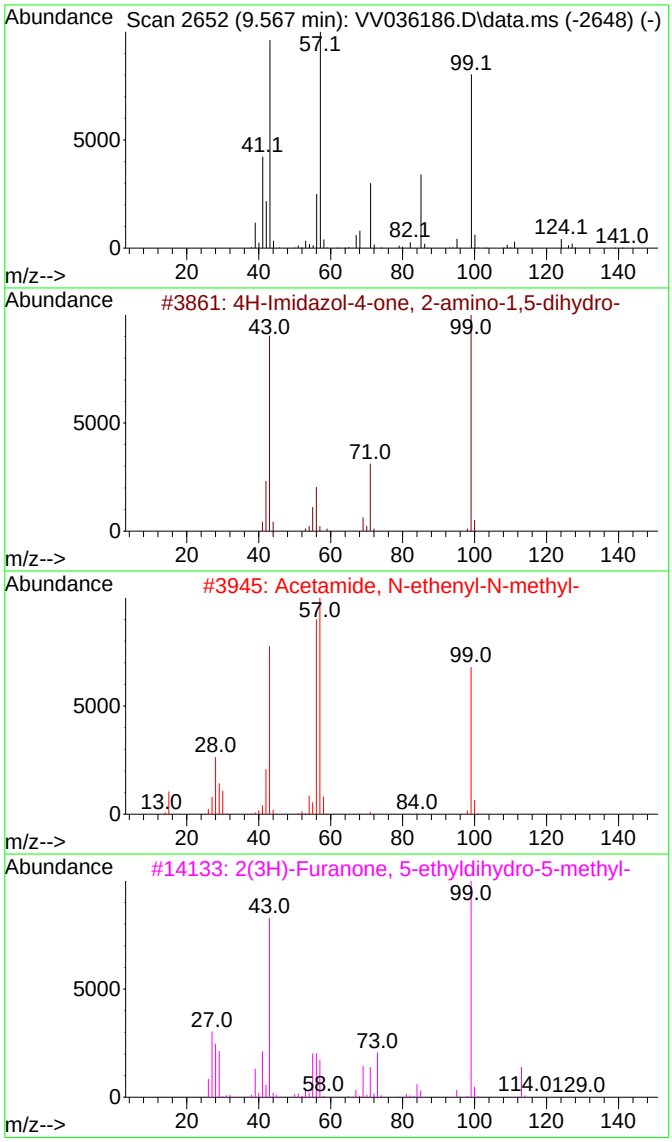
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

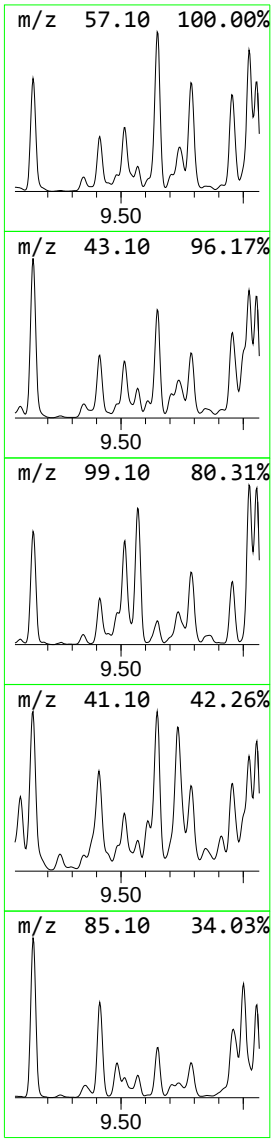
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 4H-Imidazol-4-one, 2-amino-... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.567	17.60 ug/L	843406	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	58
2	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	50
3	2(3H)-Furanone, 5-ethyldihydro-5...	128	C7H12O2	002865-82-9	50
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	47
5	3-Hydroxy-5-methylisoxazole	99	C4H5NO2	010004-44-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

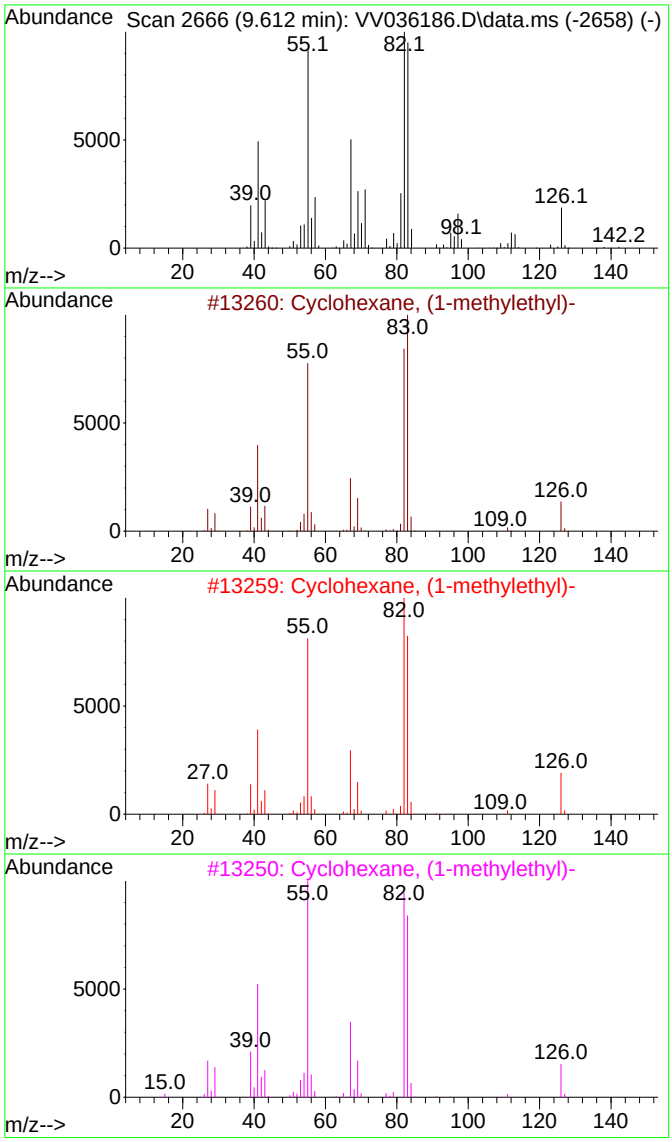
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

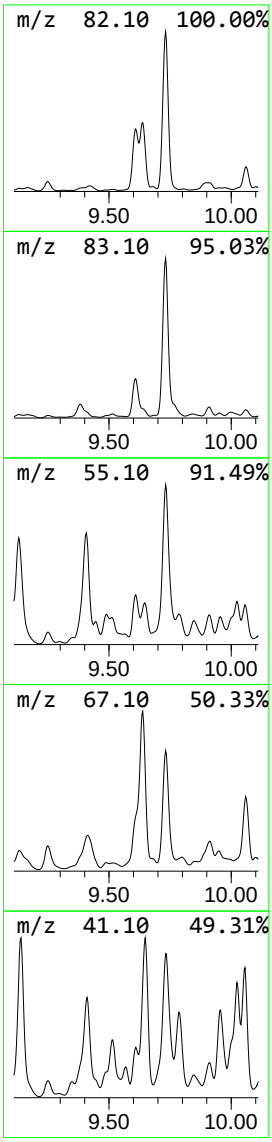
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic9.612 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	43.43 ug/L	2081540	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

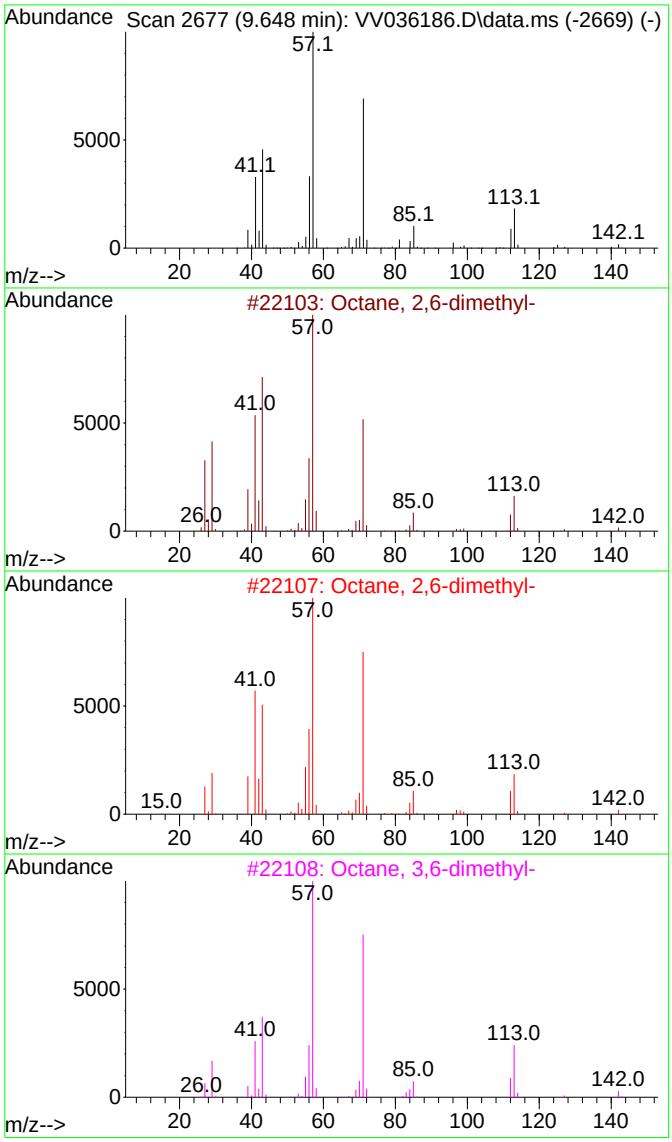
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

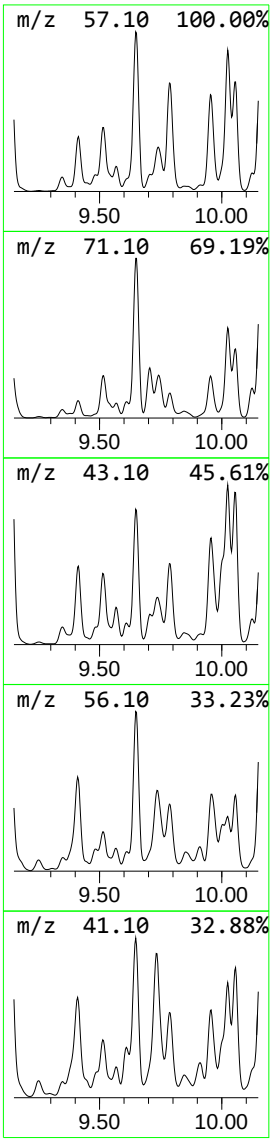
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	186.52 ug/L	8939820	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

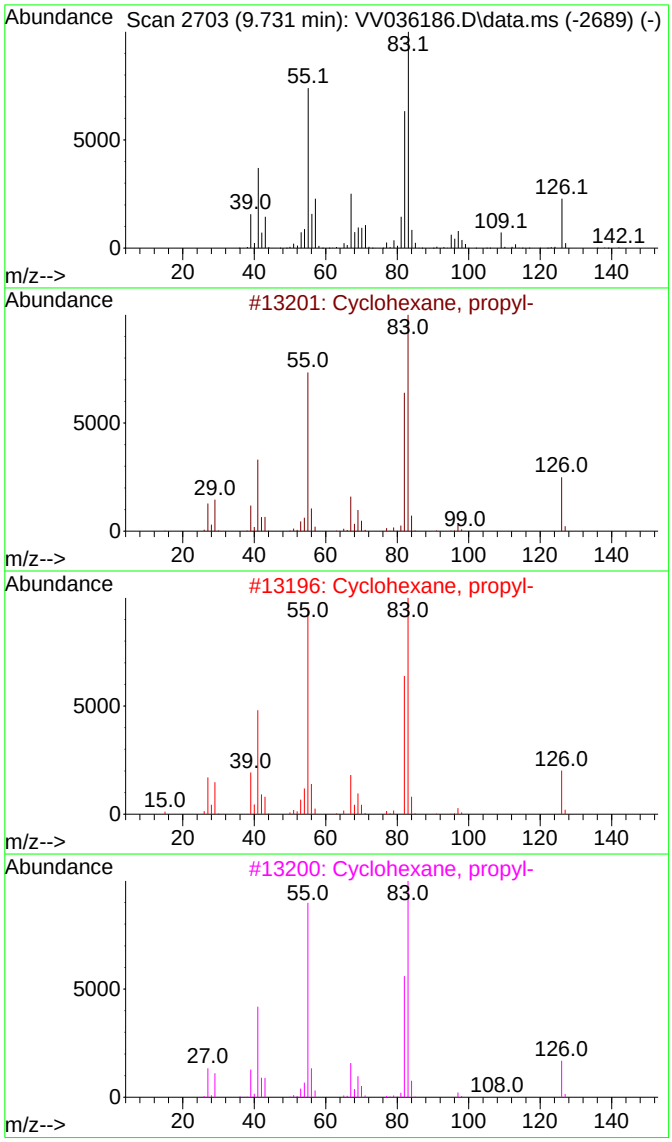
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

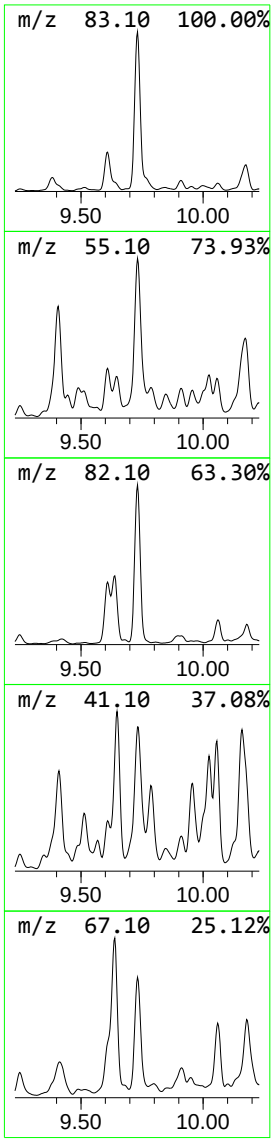
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic9.731 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	239.60 ug/L	11483800	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

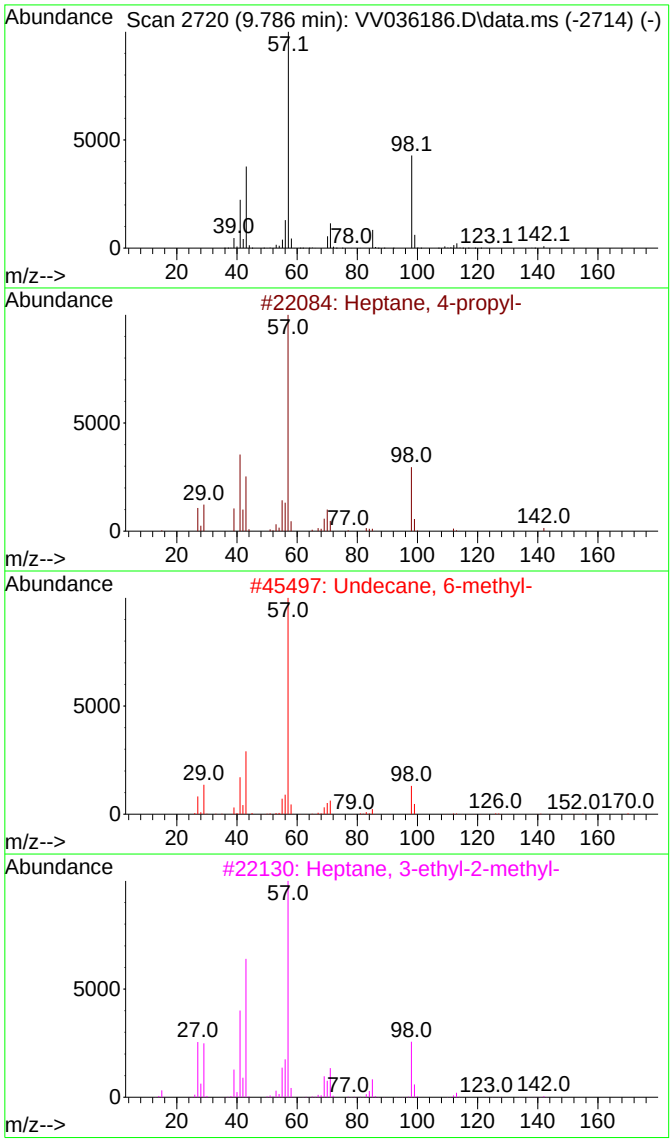
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

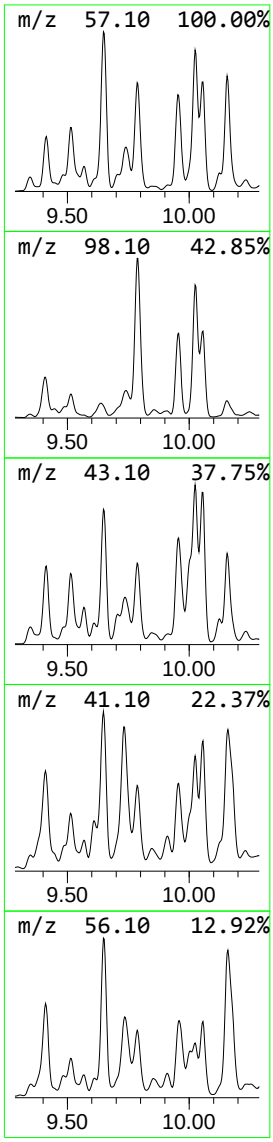
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	88.79 ug/L	4255500	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

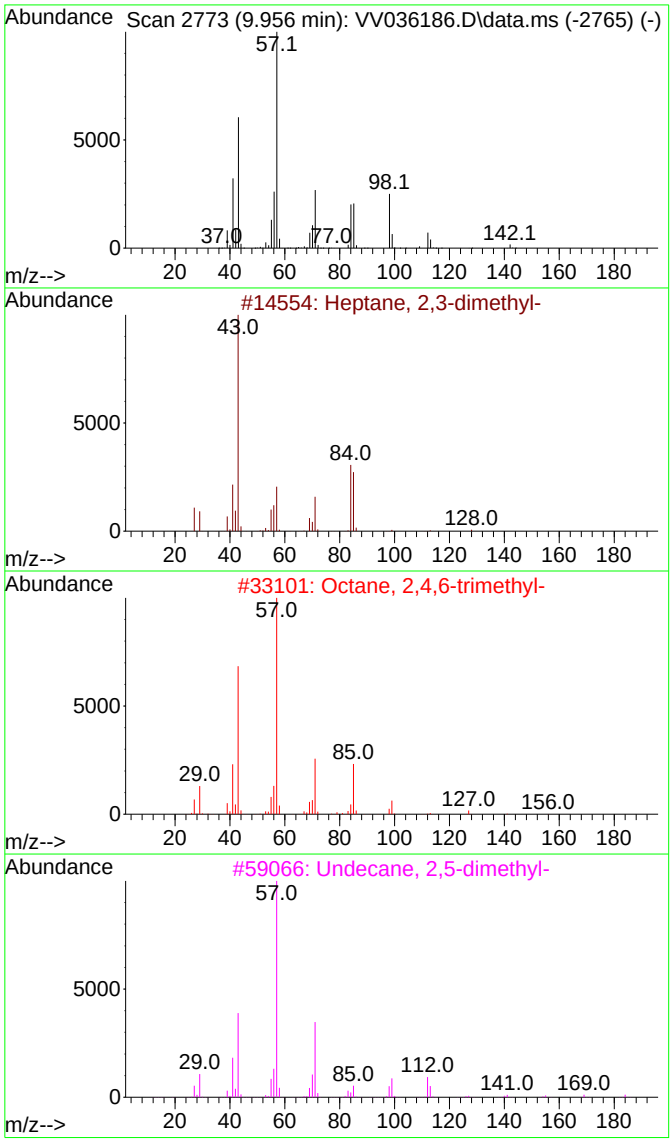
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

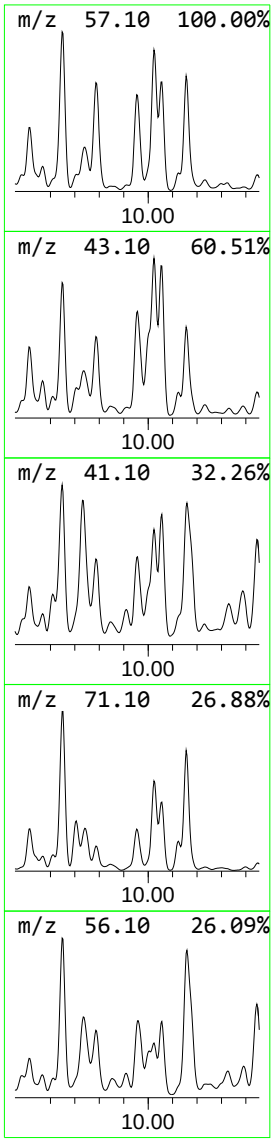
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.956	100.80 ug/L	4831300	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
4	Decane	142	C10H22	000124-18-5	47
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

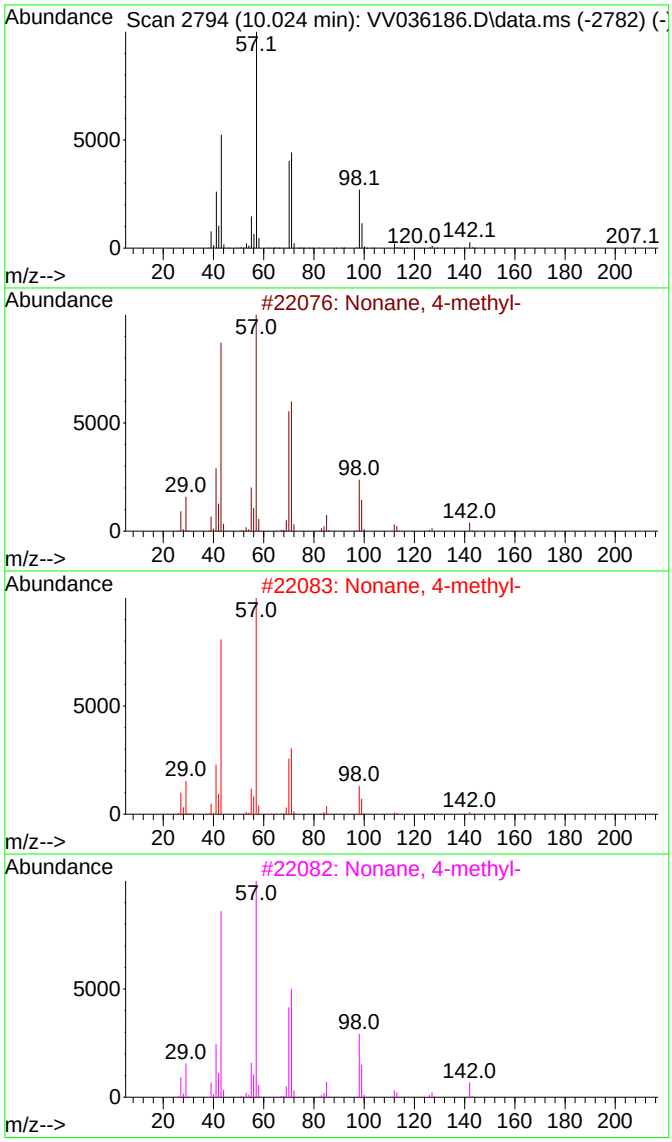
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

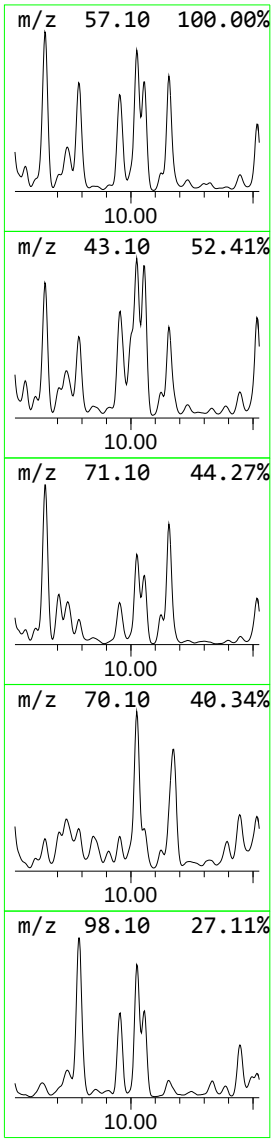
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.024	64.08 ug/L	7543740	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

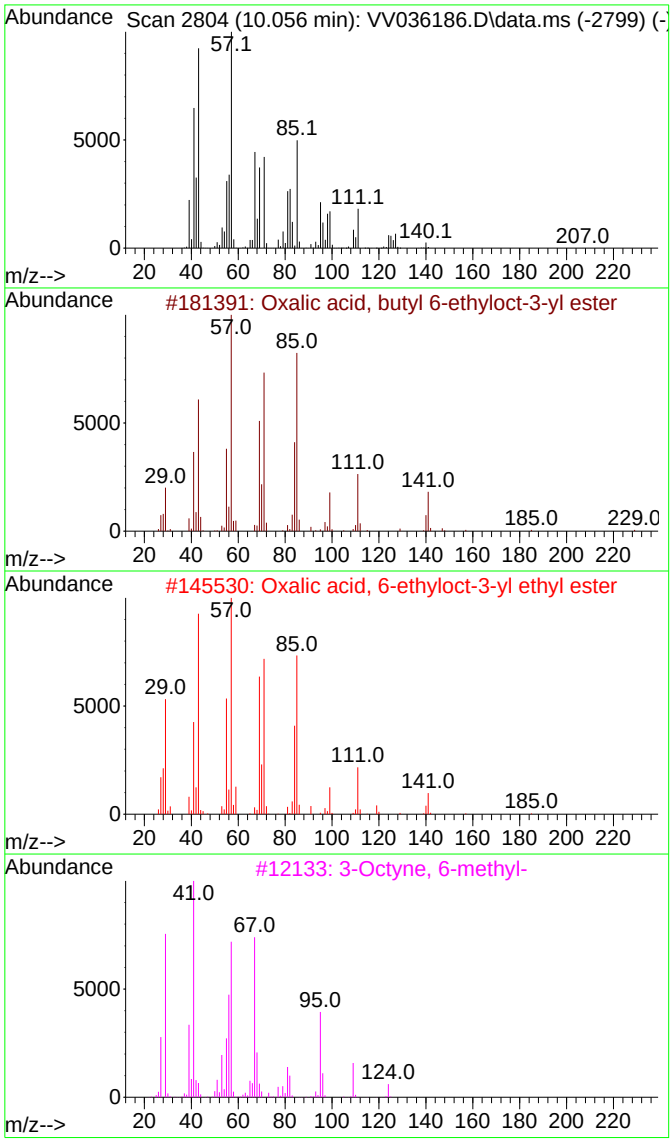
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

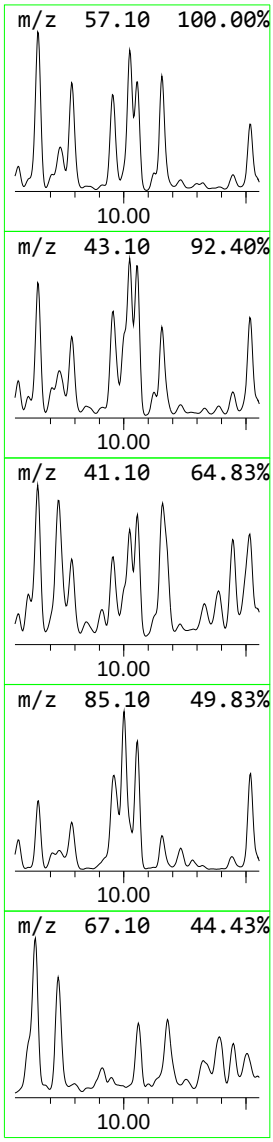
****

Peak Number 44 unknown-01 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.056	48.86 ug/L	5752100	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	38
2	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	35
3	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	30
4	2-Cyclopropyl-2-propanol	100	C6H12O	1000424-82-1	30
5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

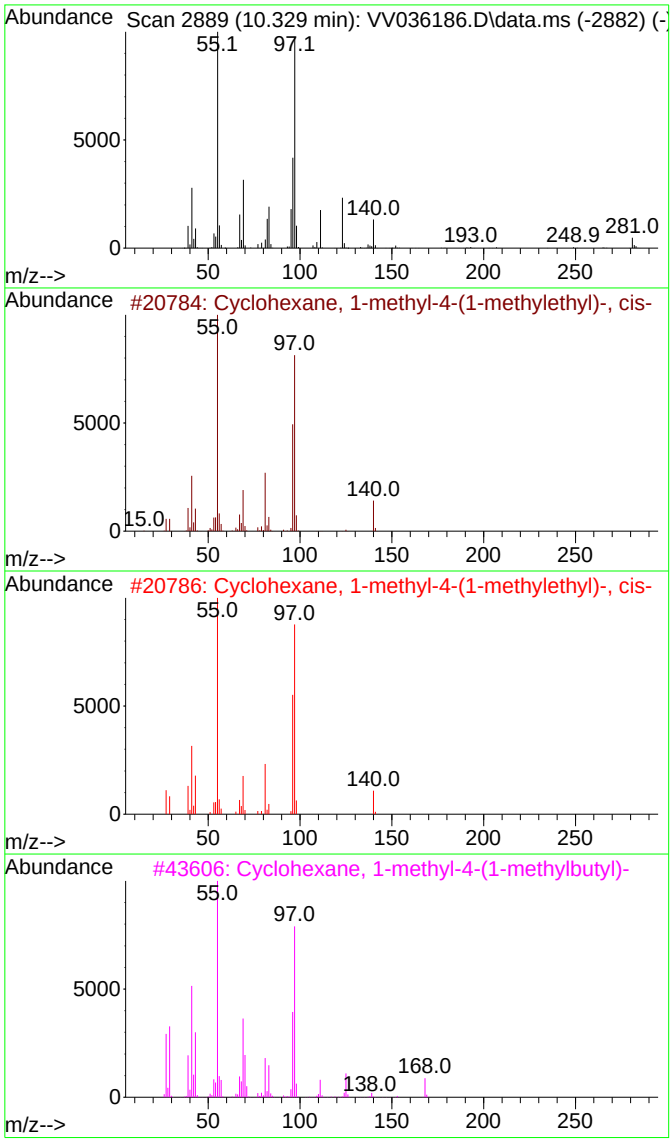
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

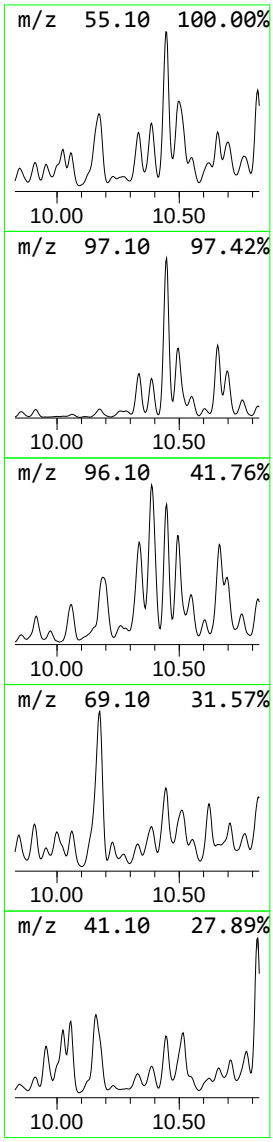
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Cyclic10.329 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.329	15.71 ug/L	1849330	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
3	Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	64
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

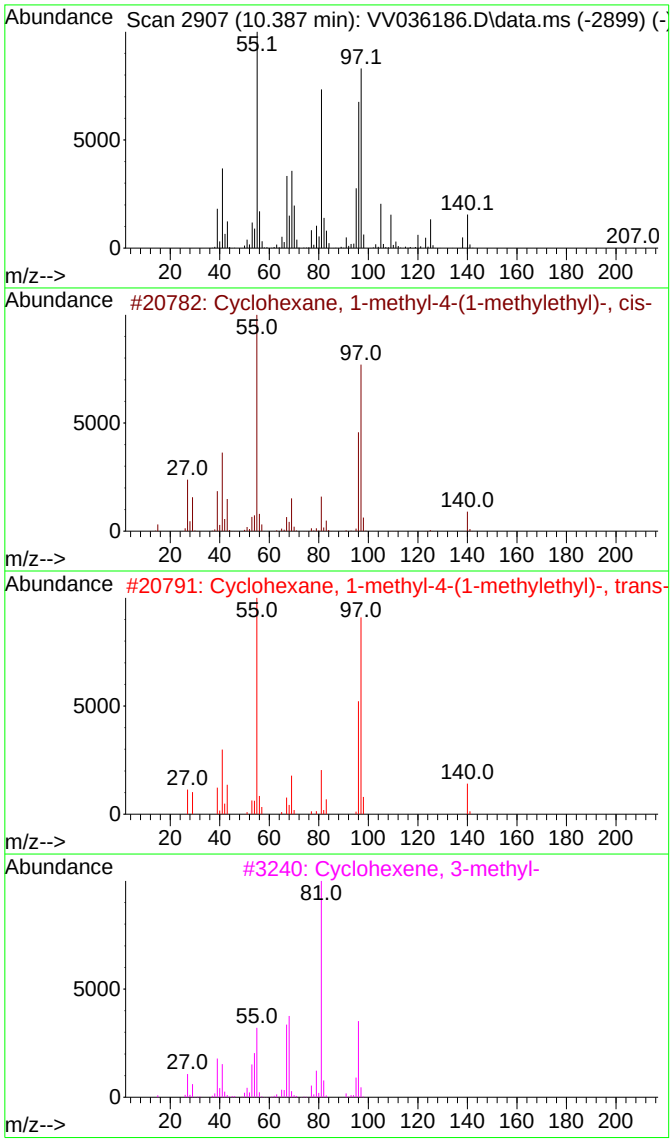
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

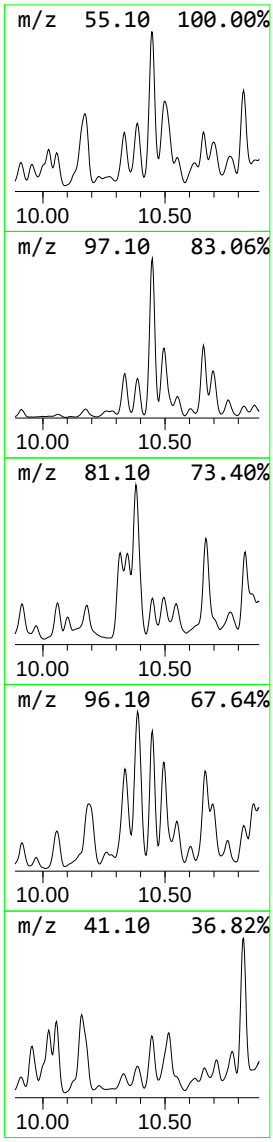
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic10.387 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	27.71 ug/L	3261510	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	41
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

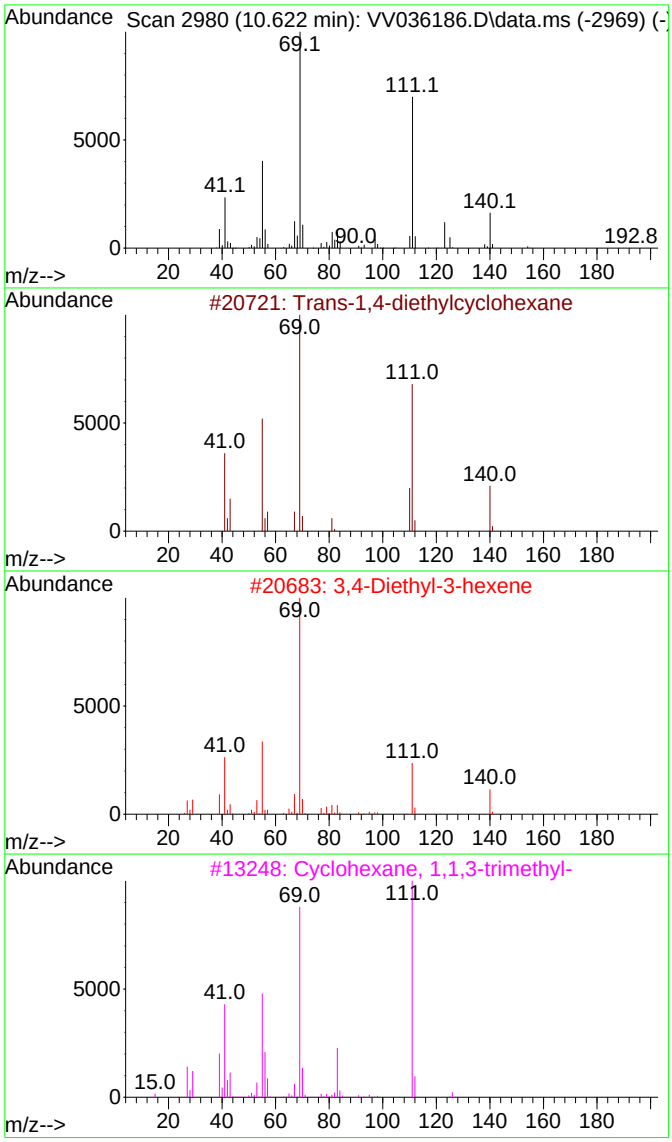
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

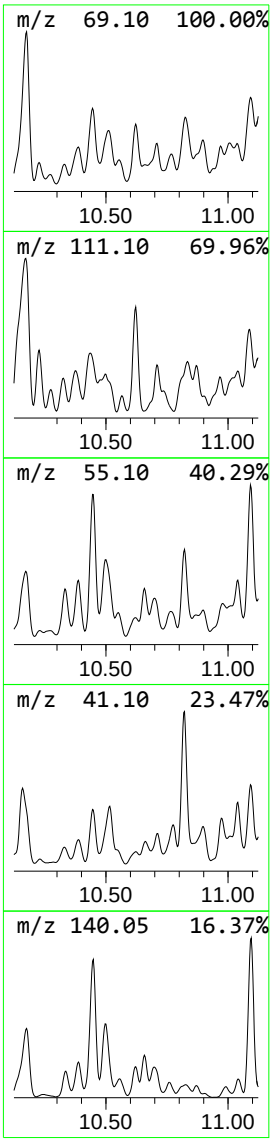
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Cyclic10.622 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	14.27 ug/L	1679960	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	87
2	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	68
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

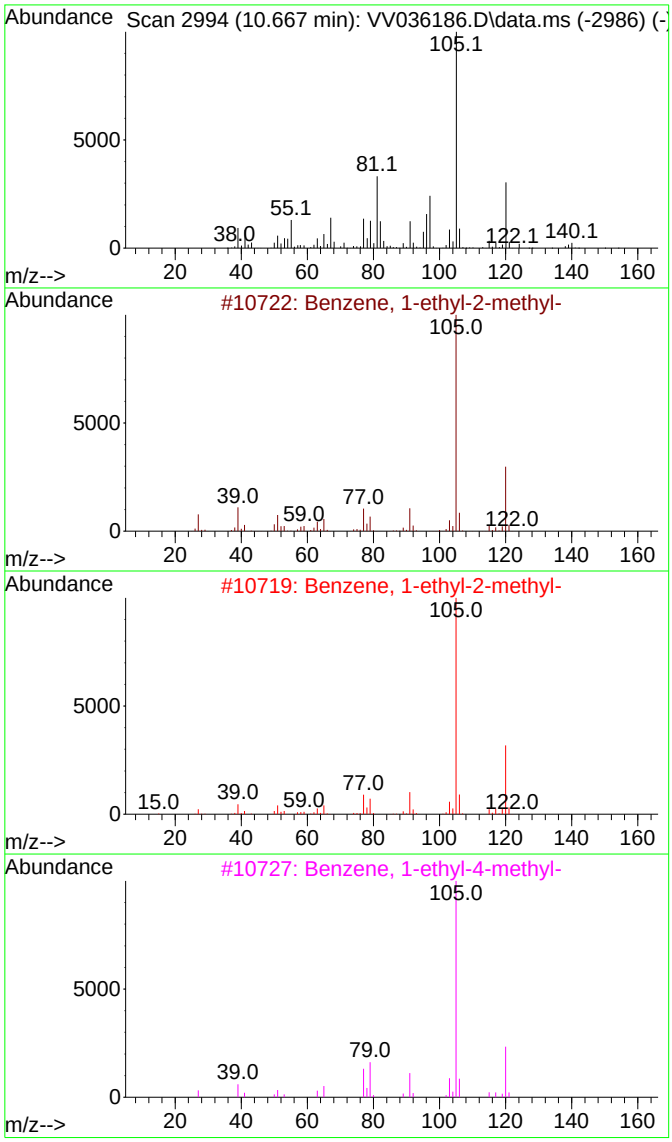
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

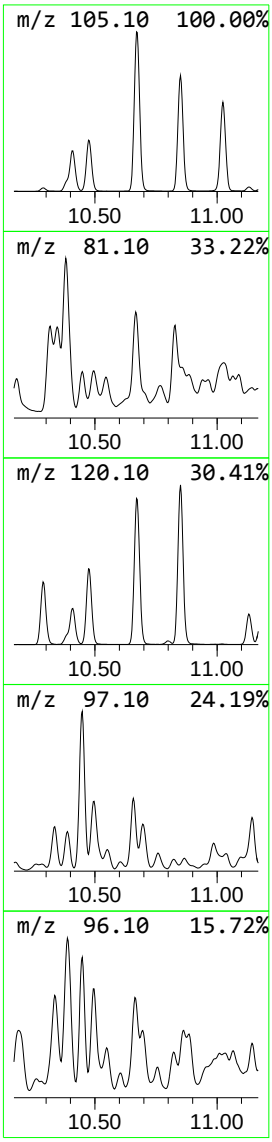
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1-ethyl-2-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	36.90 ug/L	4343940	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Mesitylene	120	C9H12	000108-67-8	60
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

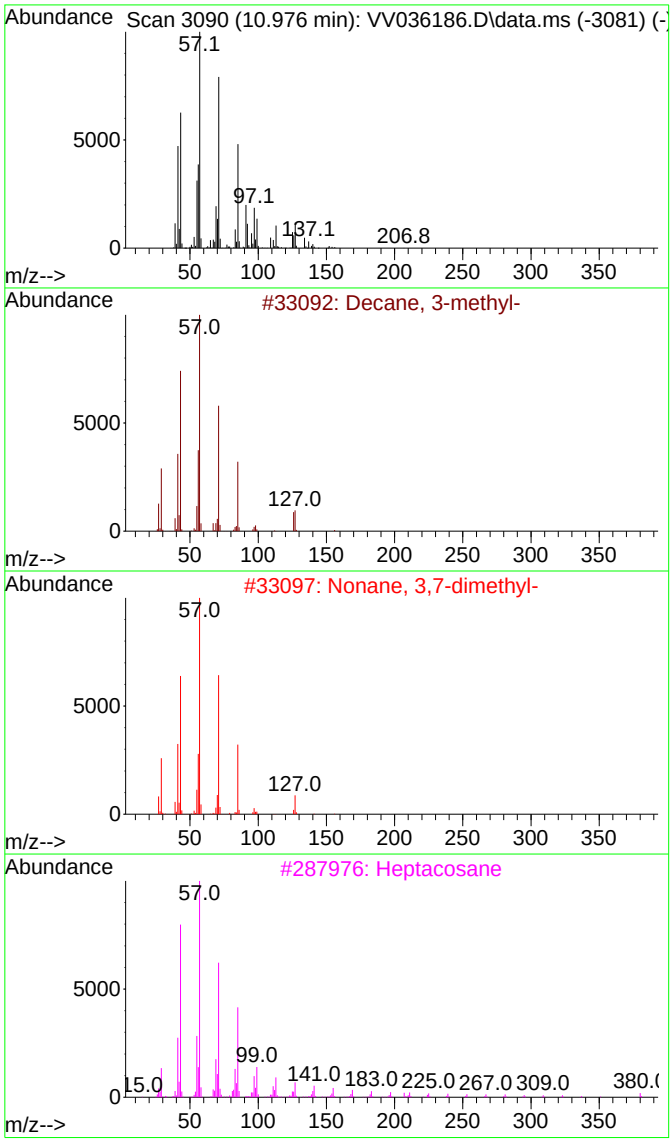
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

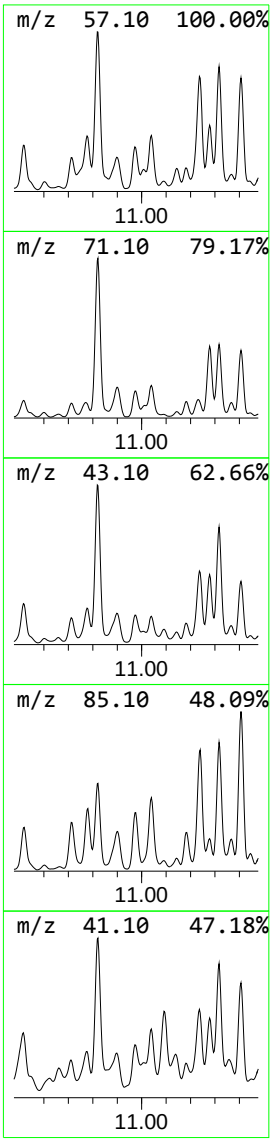
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.976	40.72 ug/L	4793020	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	Heptacosane	380	C27H56	000593-49-7	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

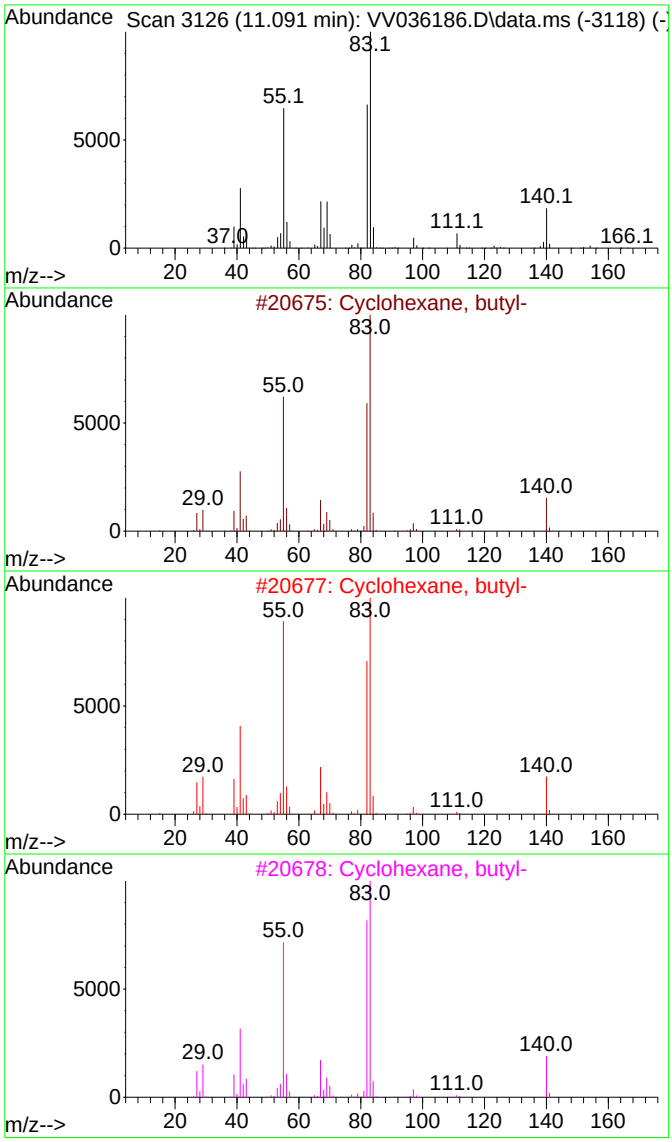
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

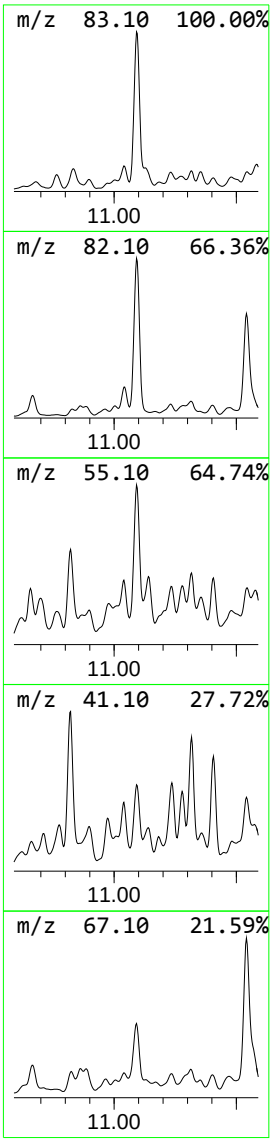
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Cyclic11.091 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	55.73 ug/L	6560780	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

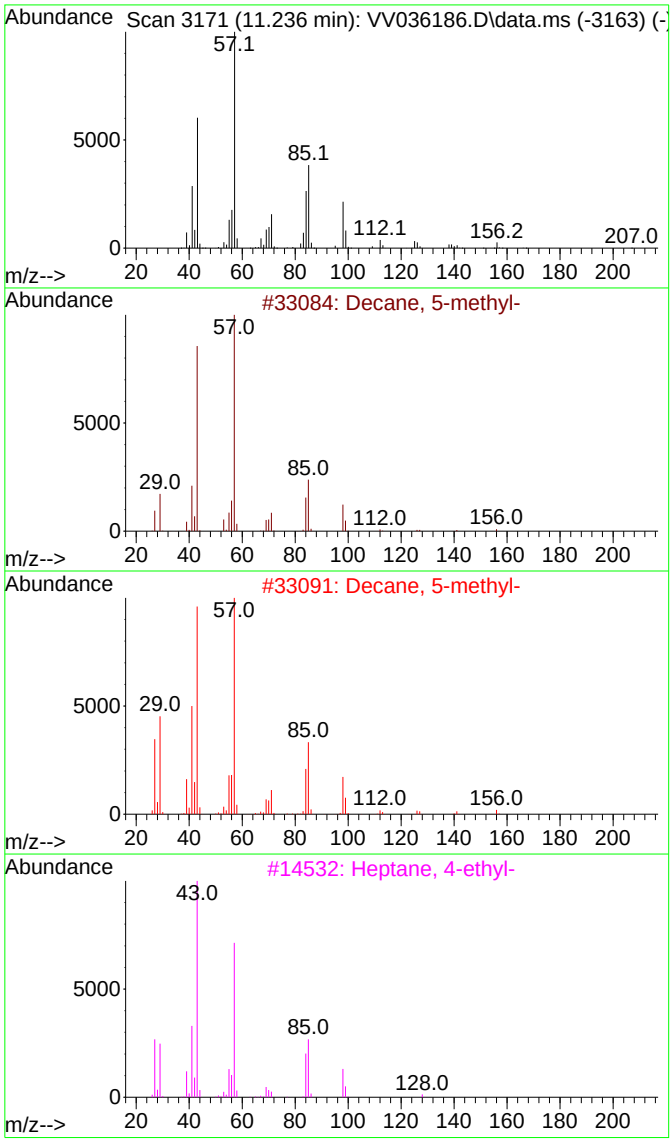
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

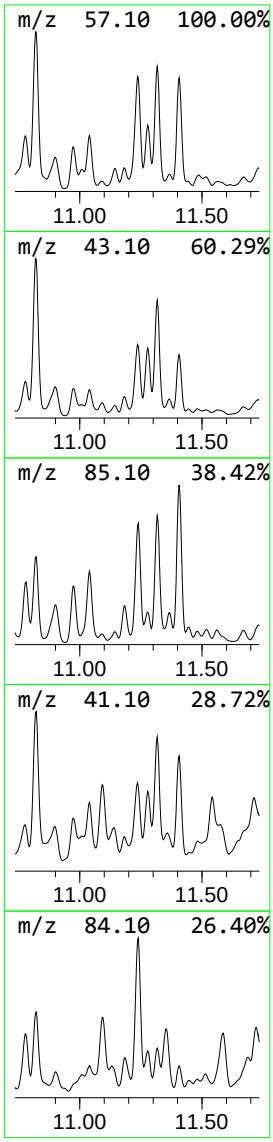
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.236	43.06 ug/L	5069020	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	91
2	Decane, 5-methyl-	156	C11H24	013151-35-4	90
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

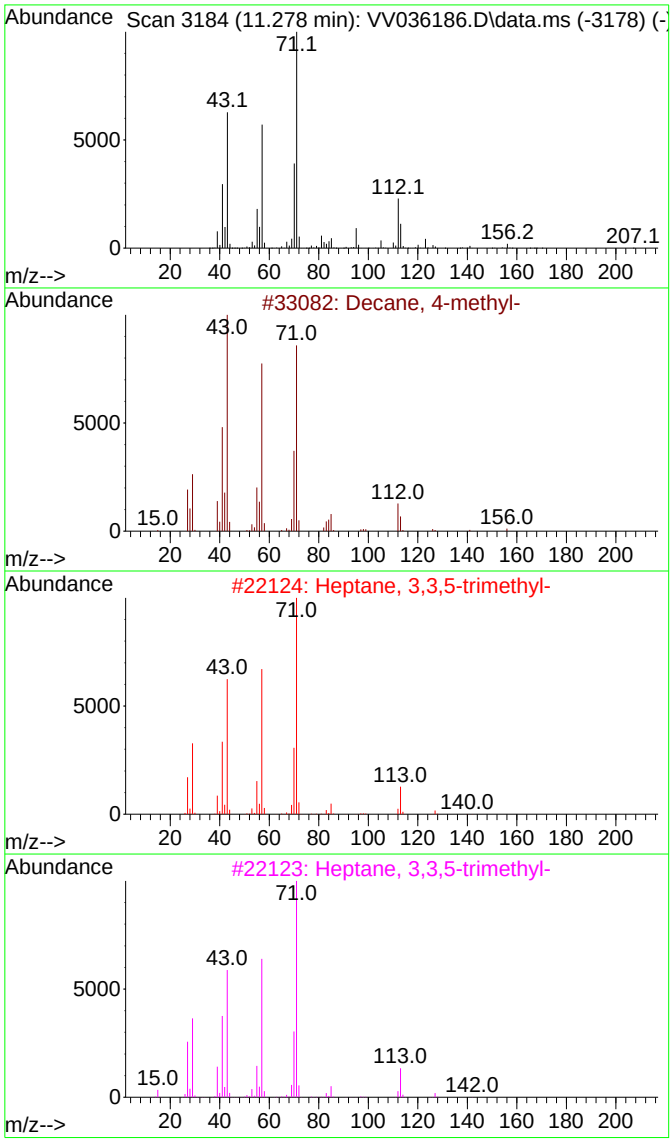
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

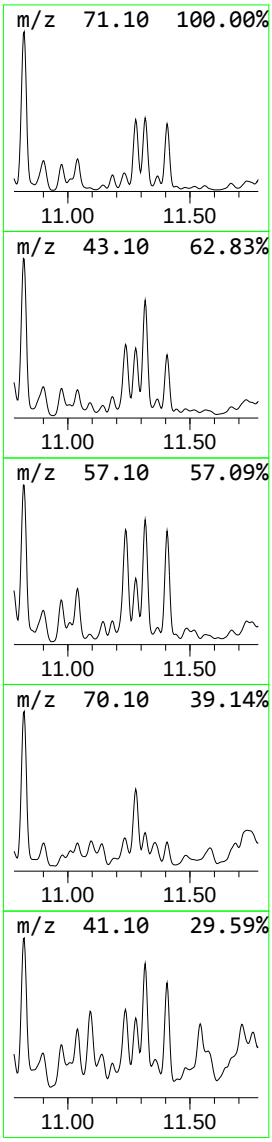
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	38.43 ug/L	4523990	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	86
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

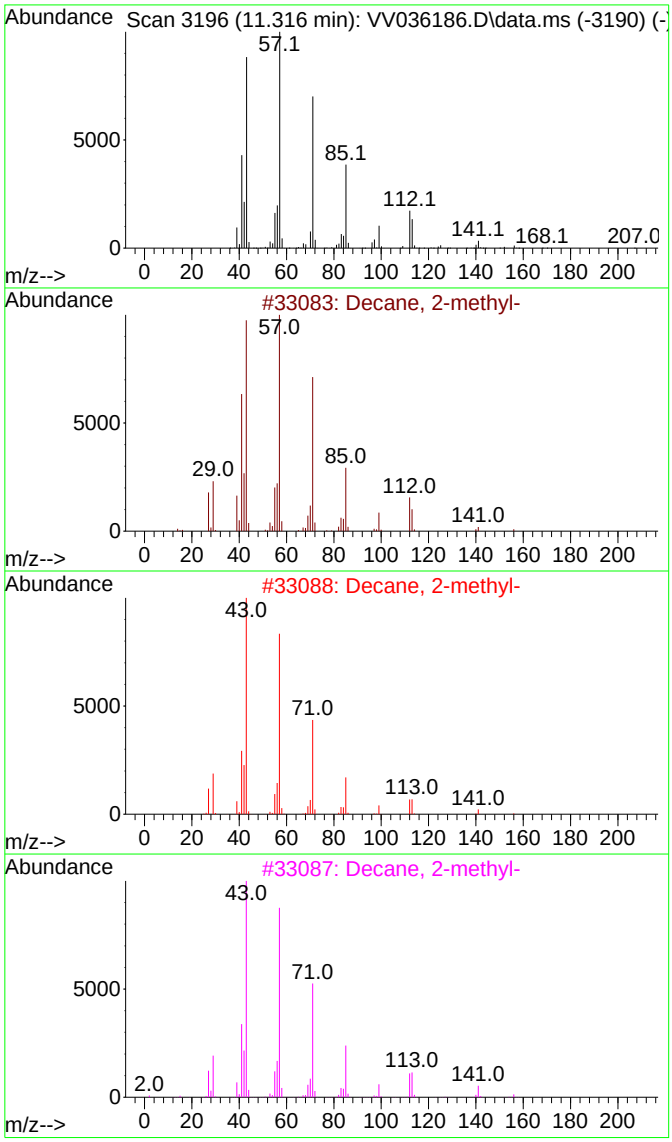
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

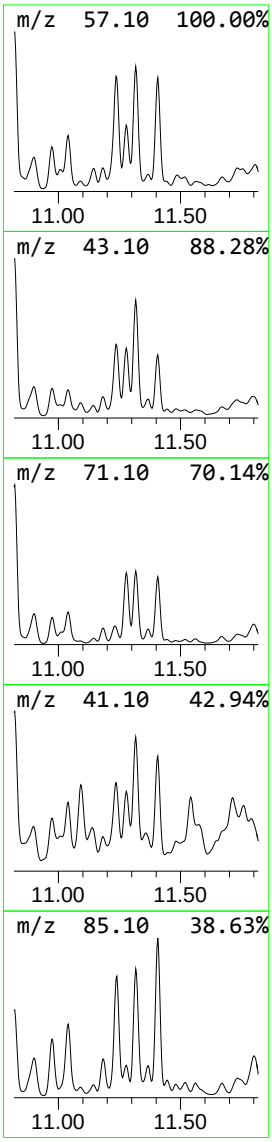
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.317	60.77 ug/L	7153260	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

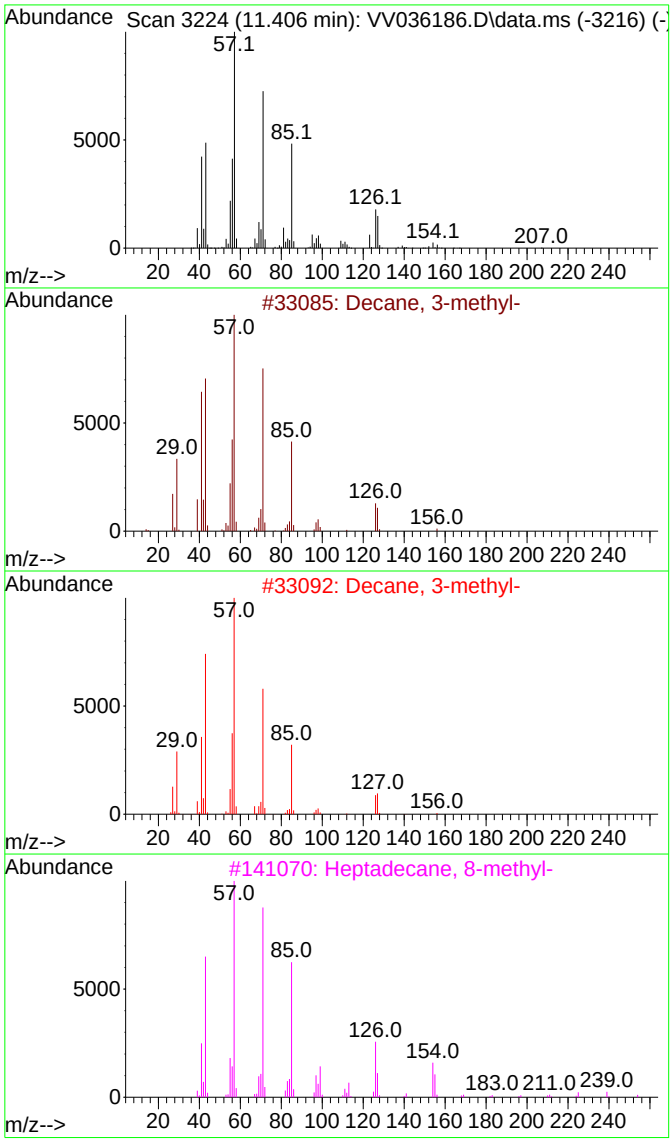
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

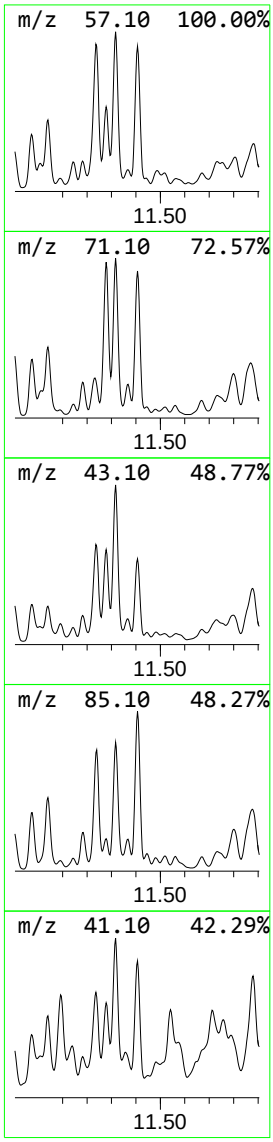
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.406	74.41 ug/L	8759830	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Decane, 3-methyl-	156	C11H24	013151-34-3	83
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

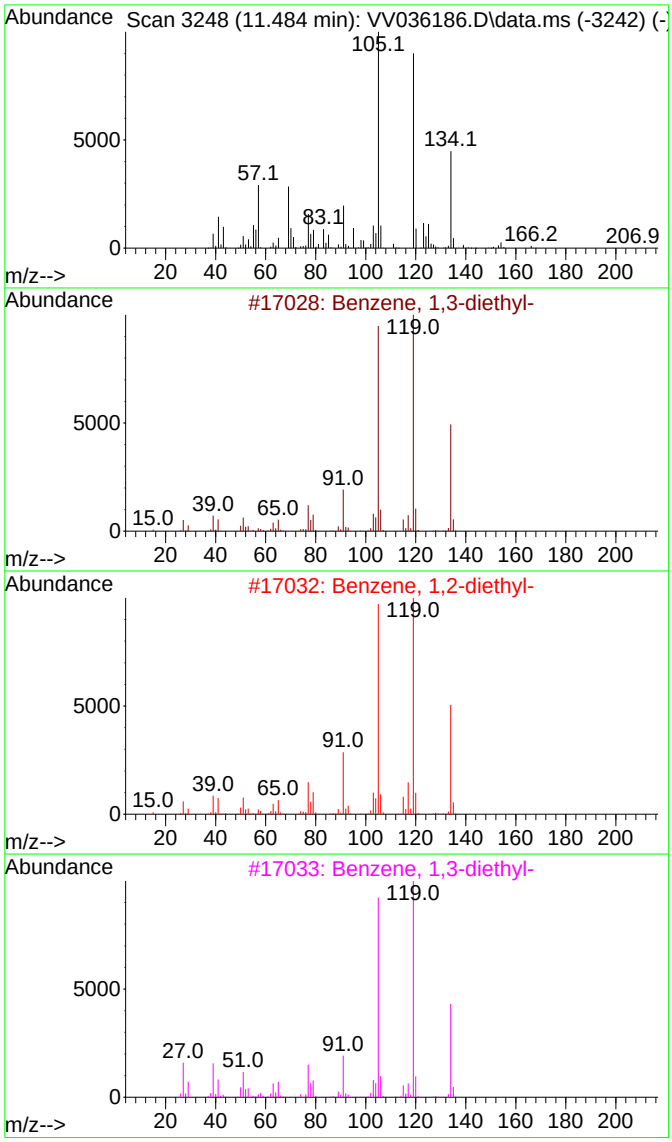
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

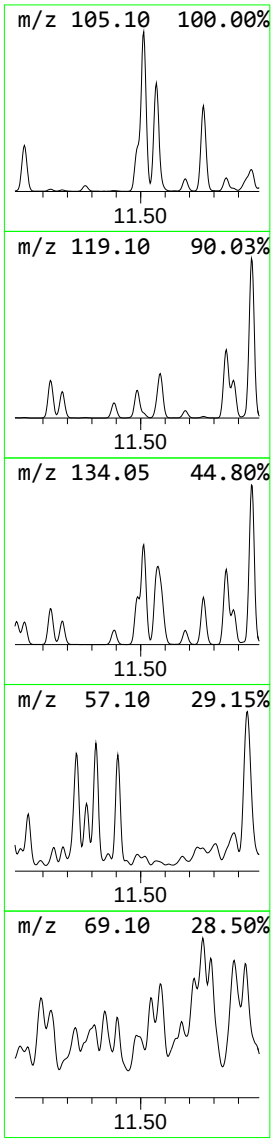
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1,3-diethyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.484	16.71 ug/L	1967370	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

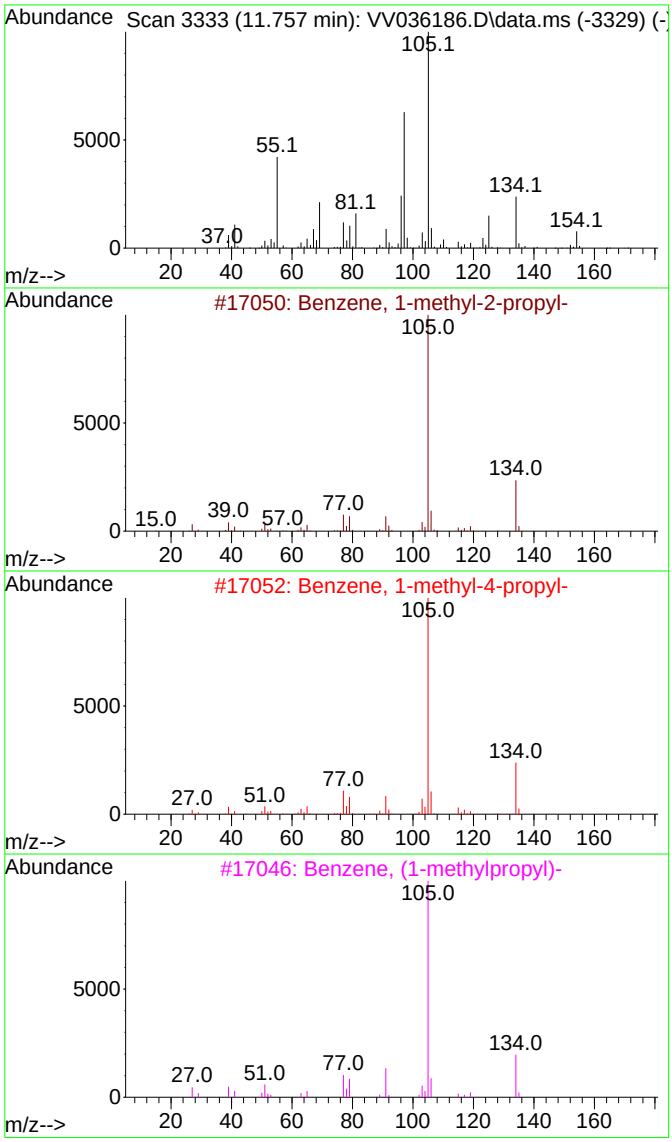
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

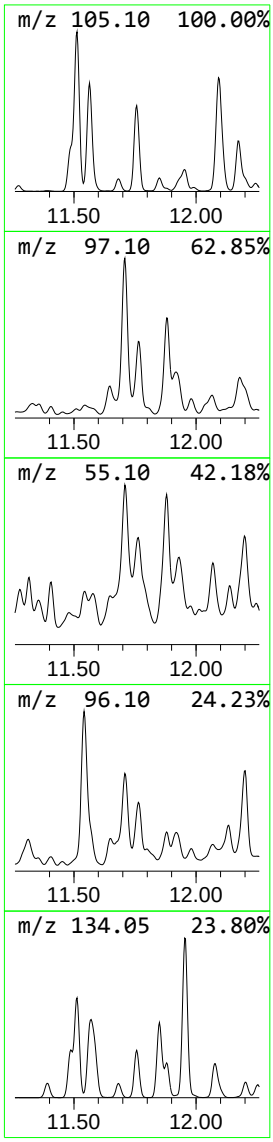
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-methyl-2-propyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	28.23 ug/L	3323750	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

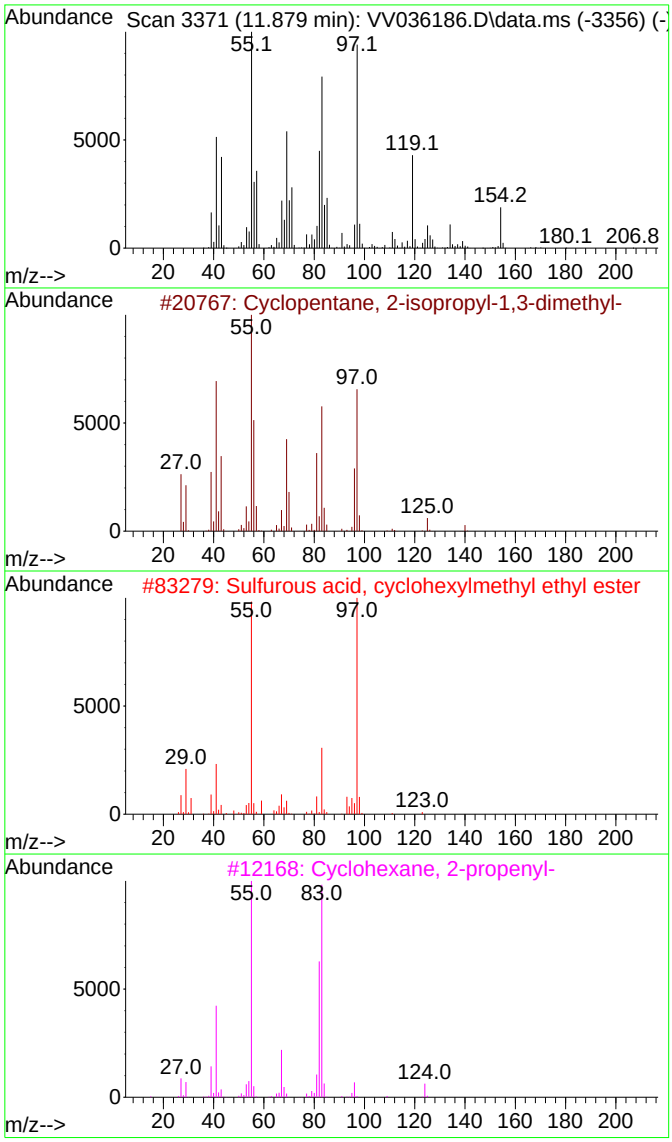
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

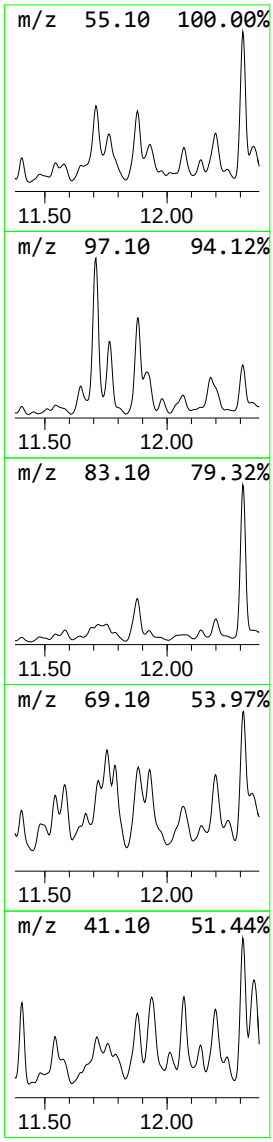
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Cyclic11.879 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.879	127.33 ug/L	14989400	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	60
2	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	43
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	30
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

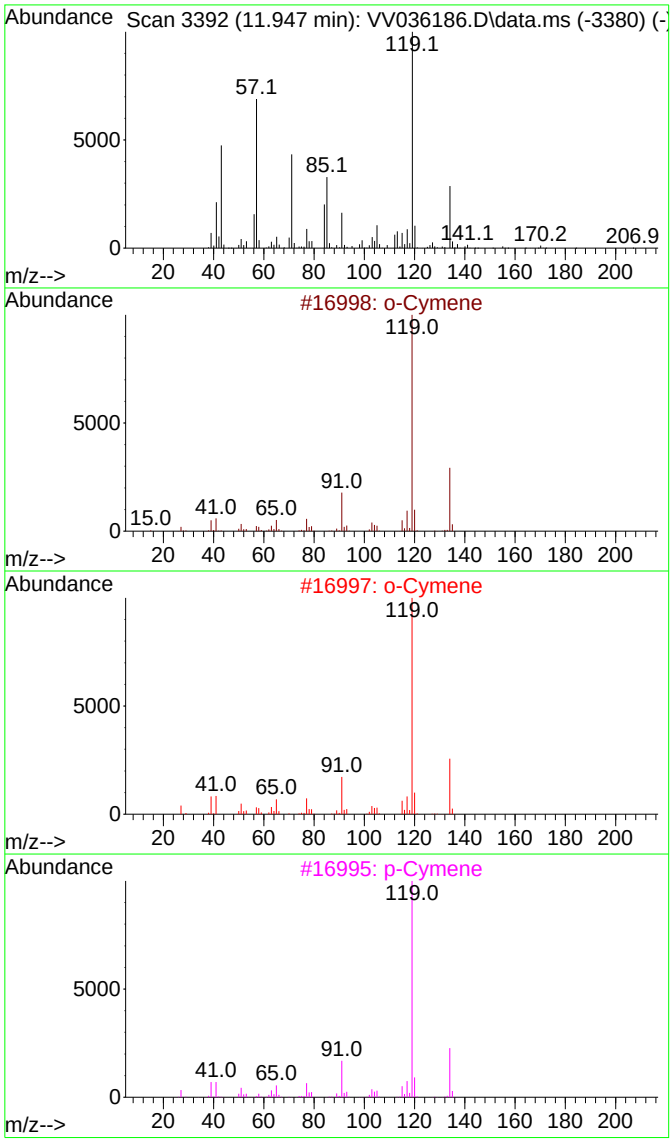
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

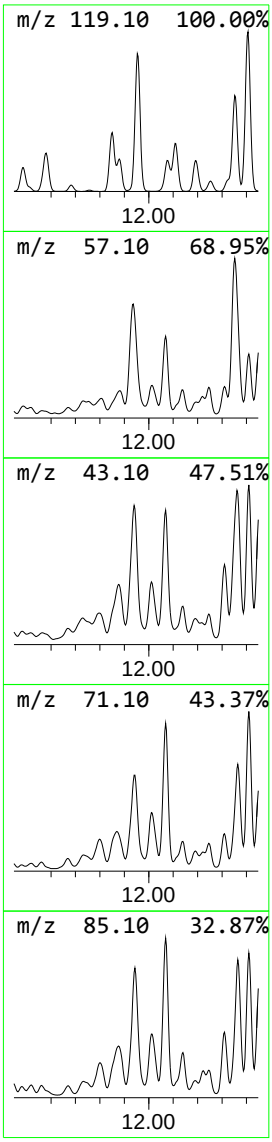
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.947	157.27 ug/L	18513400	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	p-Cymene	134	C10H14	000099-87-6	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

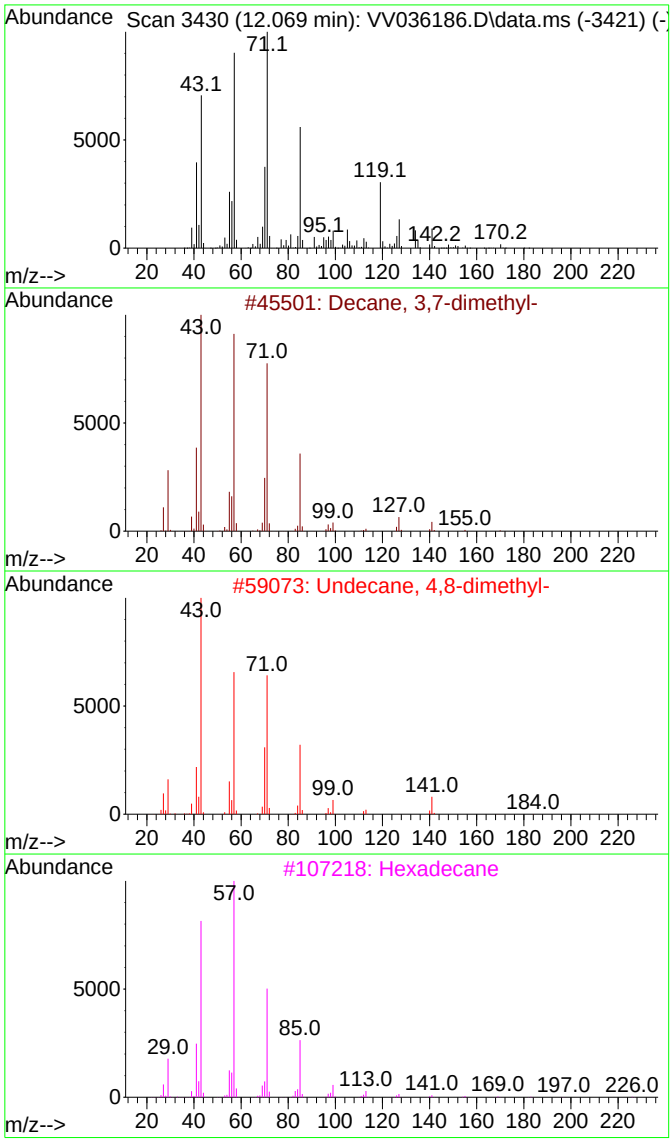
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

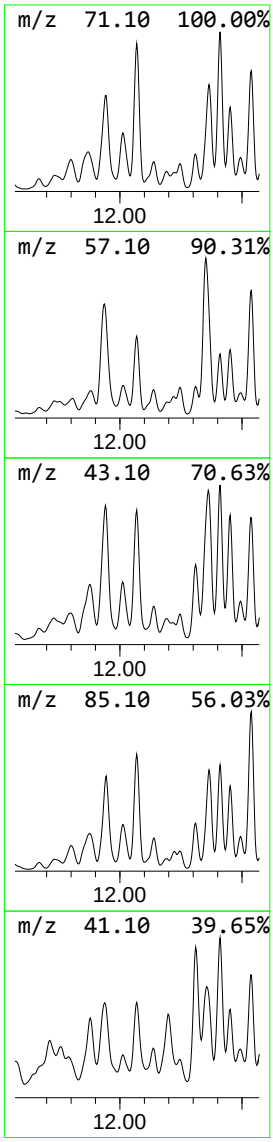
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	137.03 ug/L	16130700	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
3	Hexadecane	226	C16H34	000544-76-3	50
4	Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	47
5	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

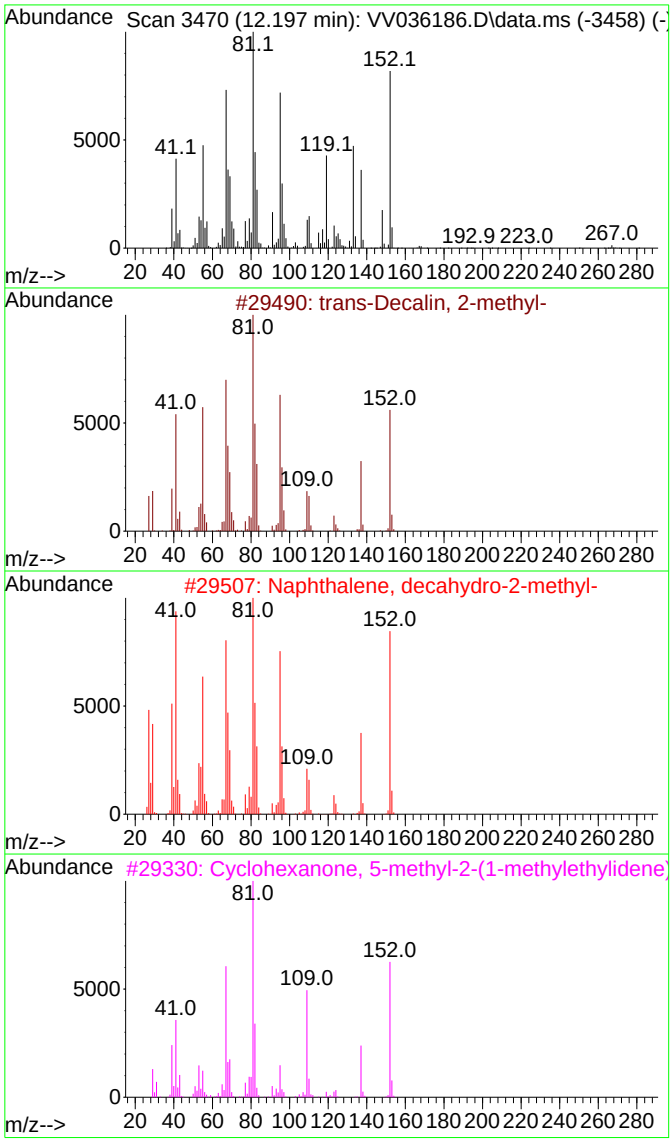
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

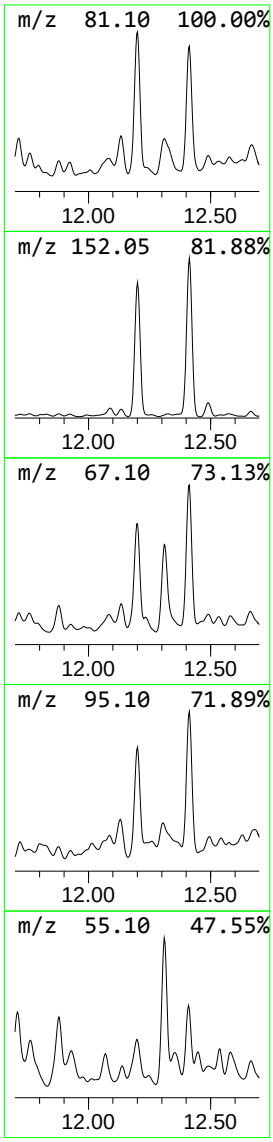
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	148.74 ug/L	17509700	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62
4	Pulegone	152	C10H16O	000089-82-7	62
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

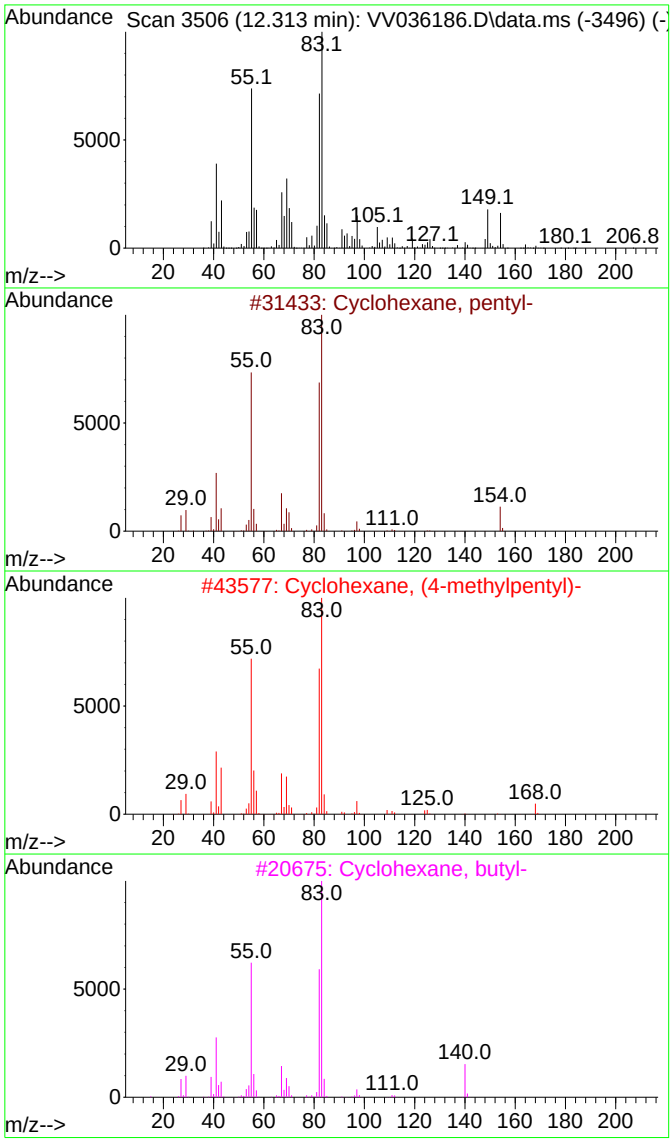
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

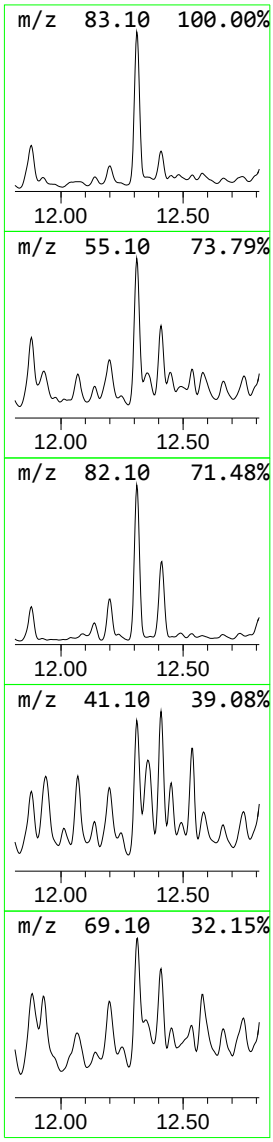
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Cyclic12.313 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	198.02 ug/L	23311100	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

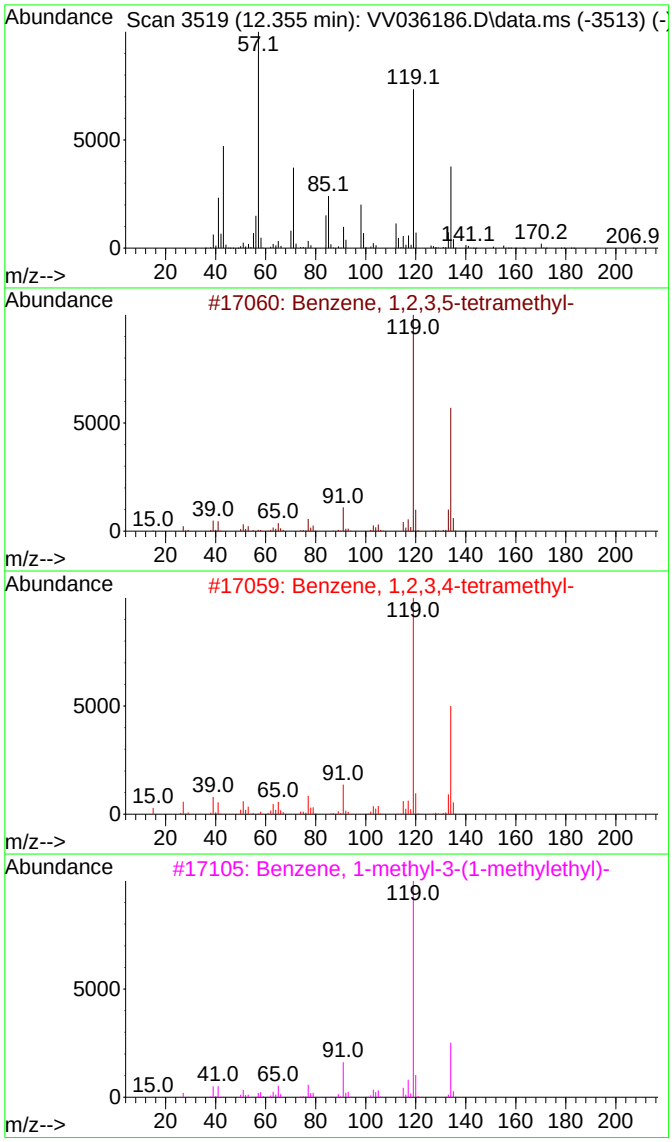
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

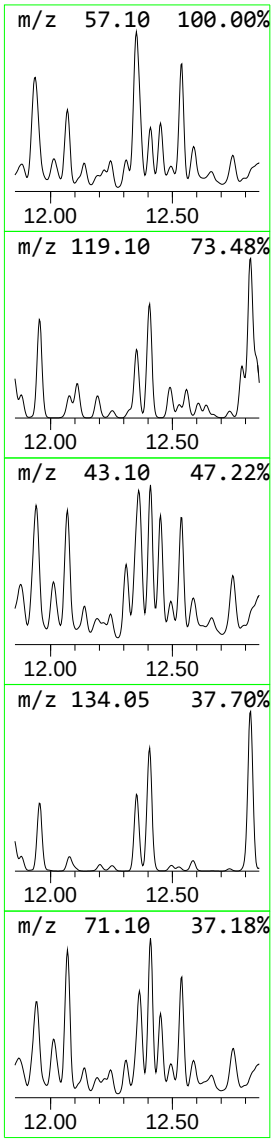
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	169.77 ug/L	19984900	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5	p-Cymene	134	C10H14	000099-87-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

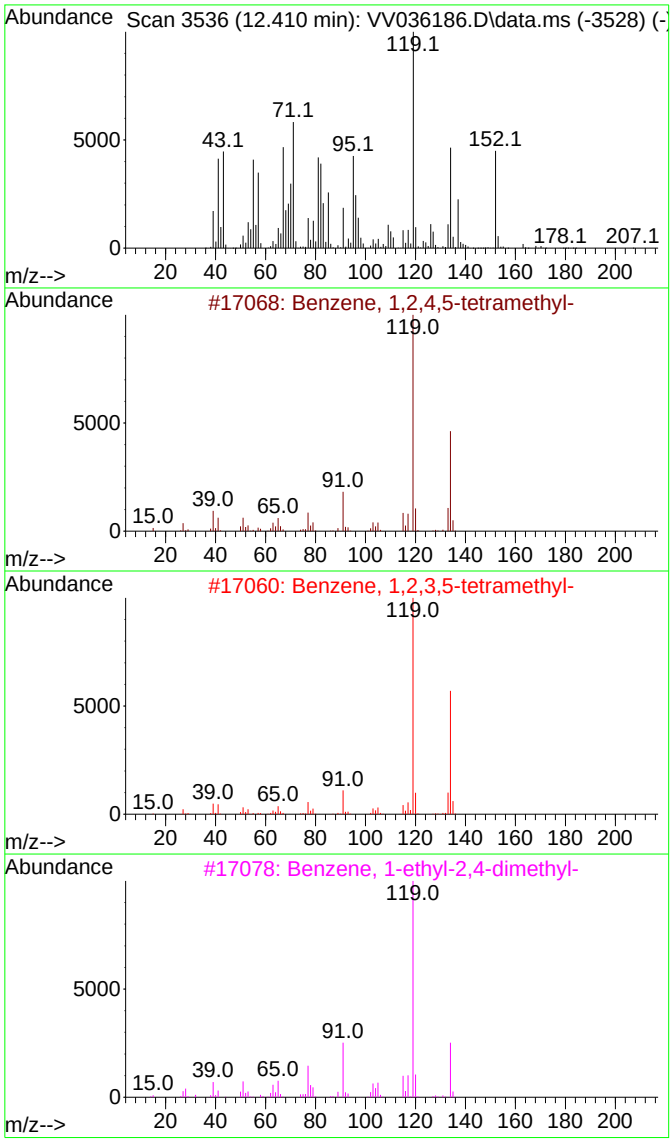
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

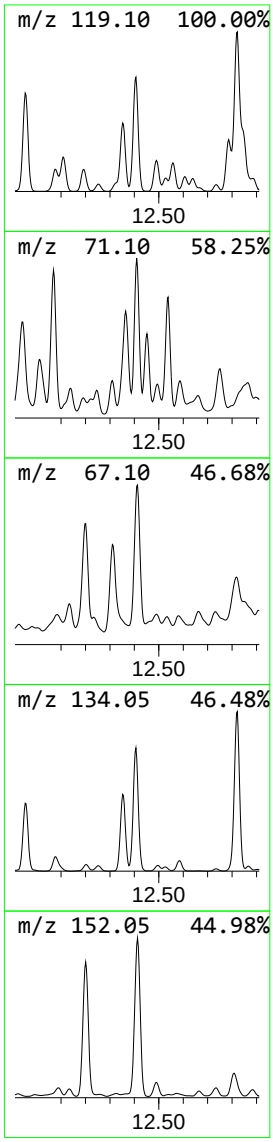
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	267.78 ug/L	31523000	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

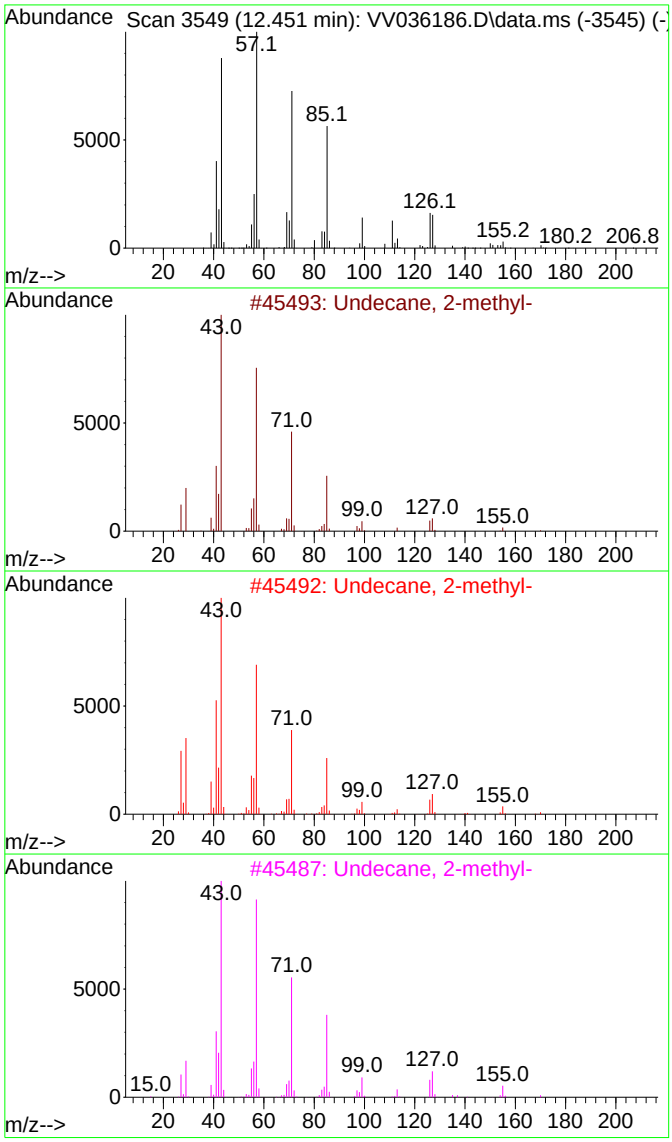
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

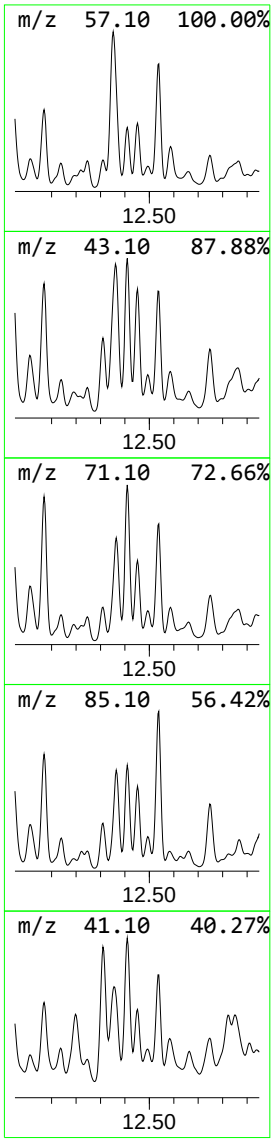
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	54.90 ug/L	6462310	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

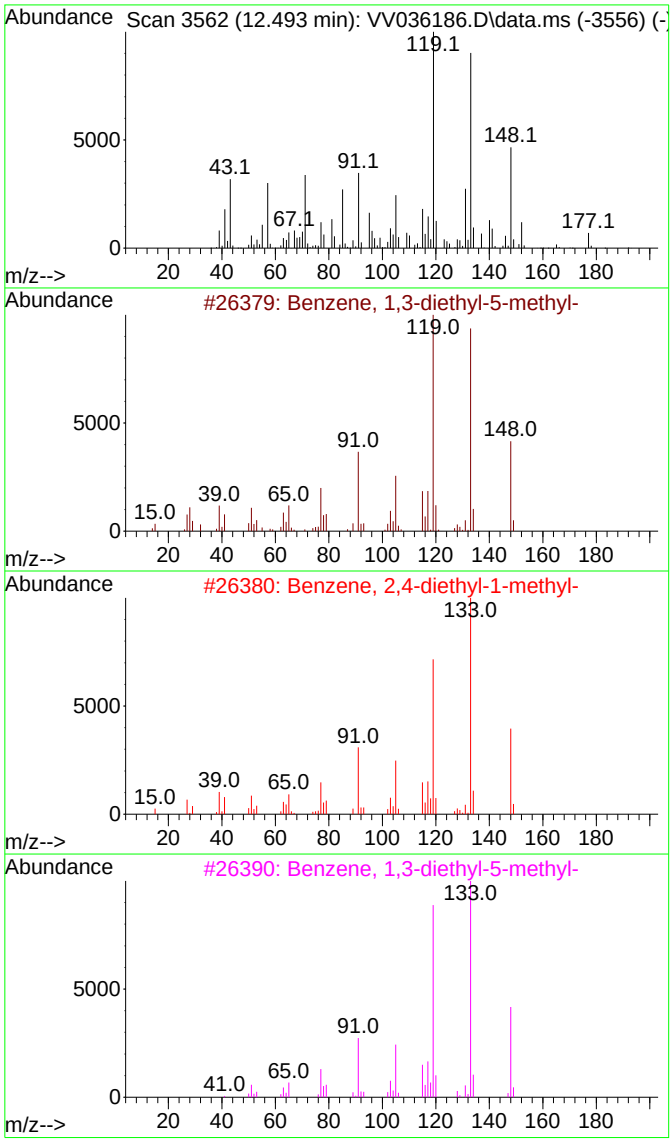
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

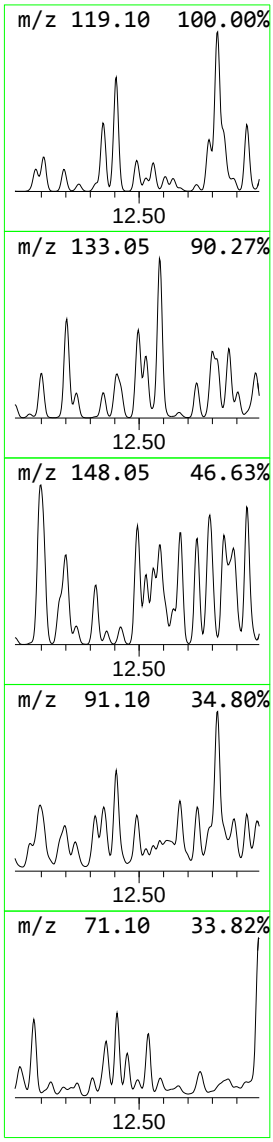
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.493	58.45 ug/L	6880600	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	78
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

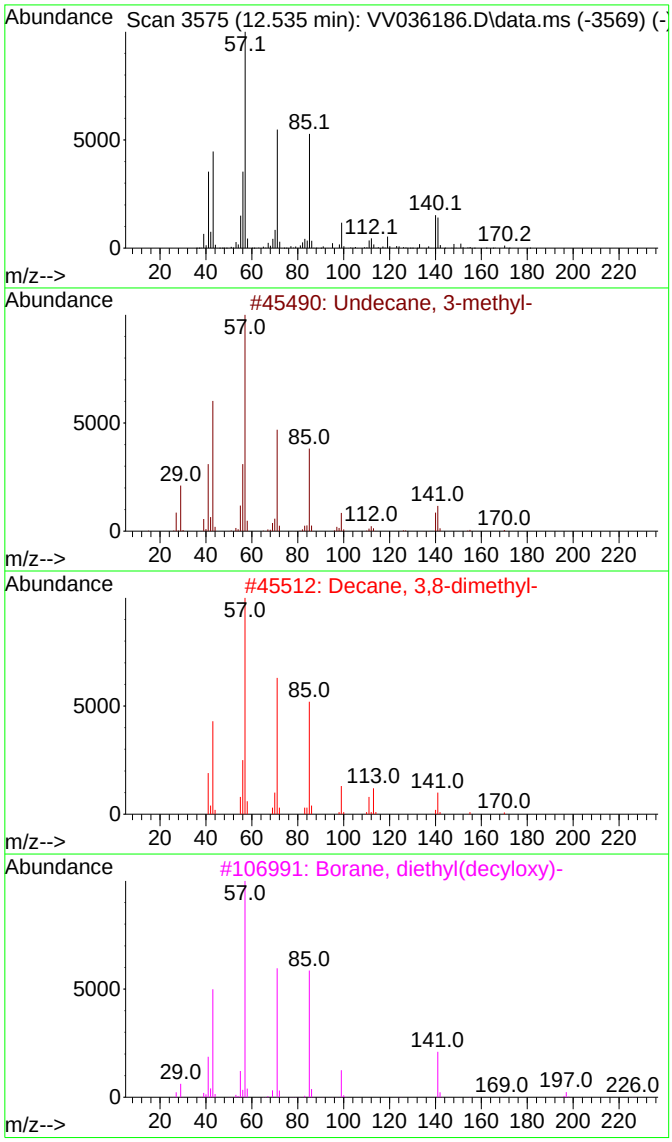
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

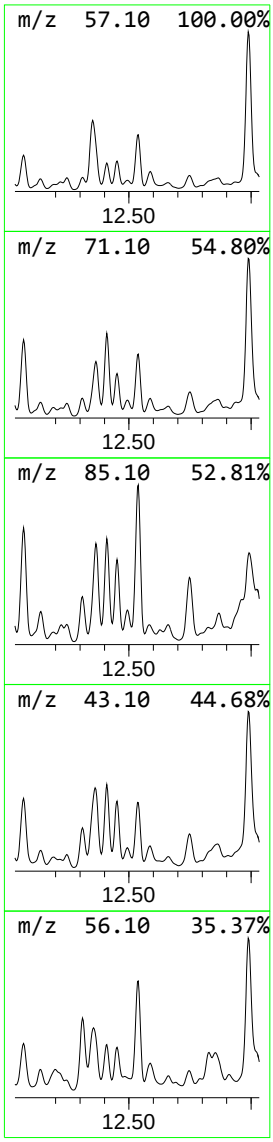
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.535	100.26 ug/L	11802400	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
5	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

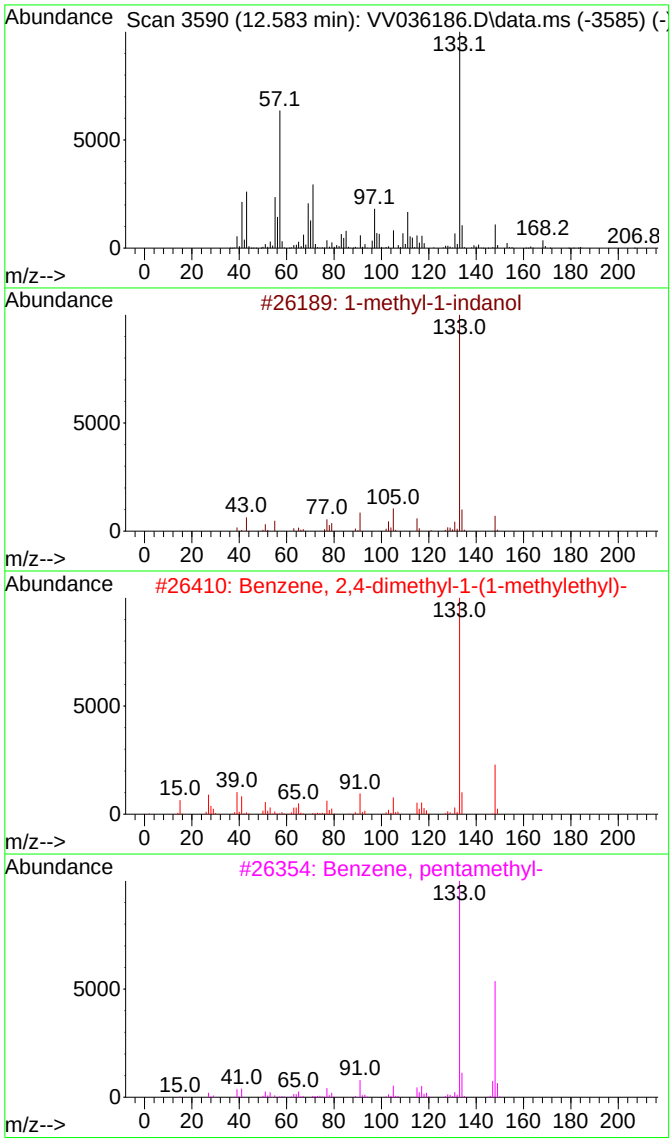
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

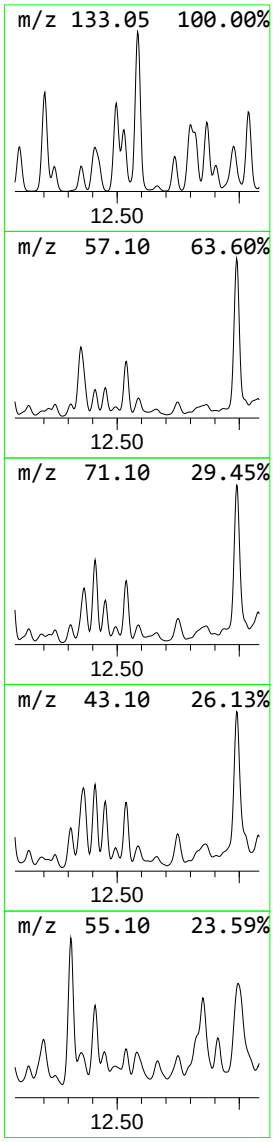
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1-methyl-1-indanol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.583	64.62 ug/L	7606810	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methyl-1-indanol	148	C10H12O	064666-42-8	52
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	52
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
5	1,3-Benzenediol, o-(2,6-difluoro...	382	C22H16F2O4	1000330-83-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

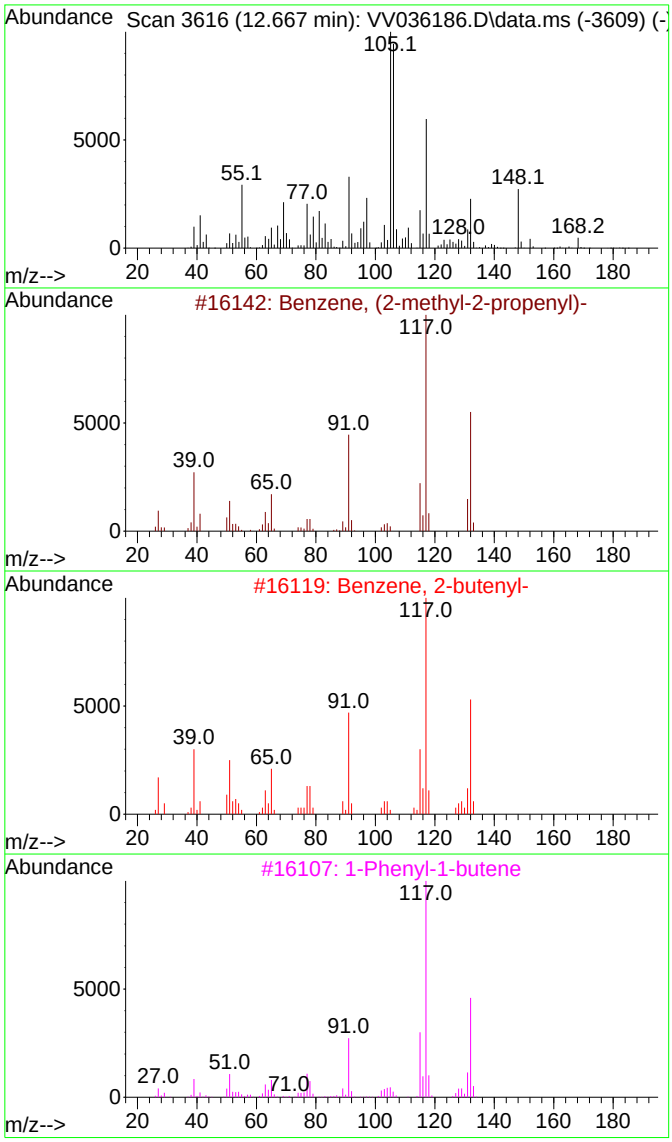
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

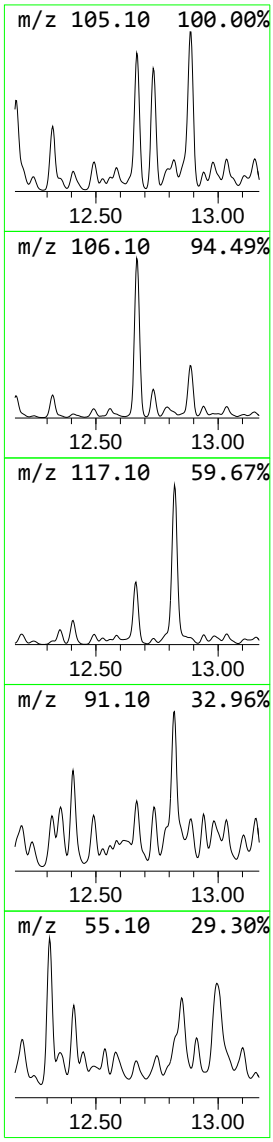
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (2-methyl-2-propen... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.667	75.93 ug/L	8938950	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	55
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	40
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	25
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	25
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

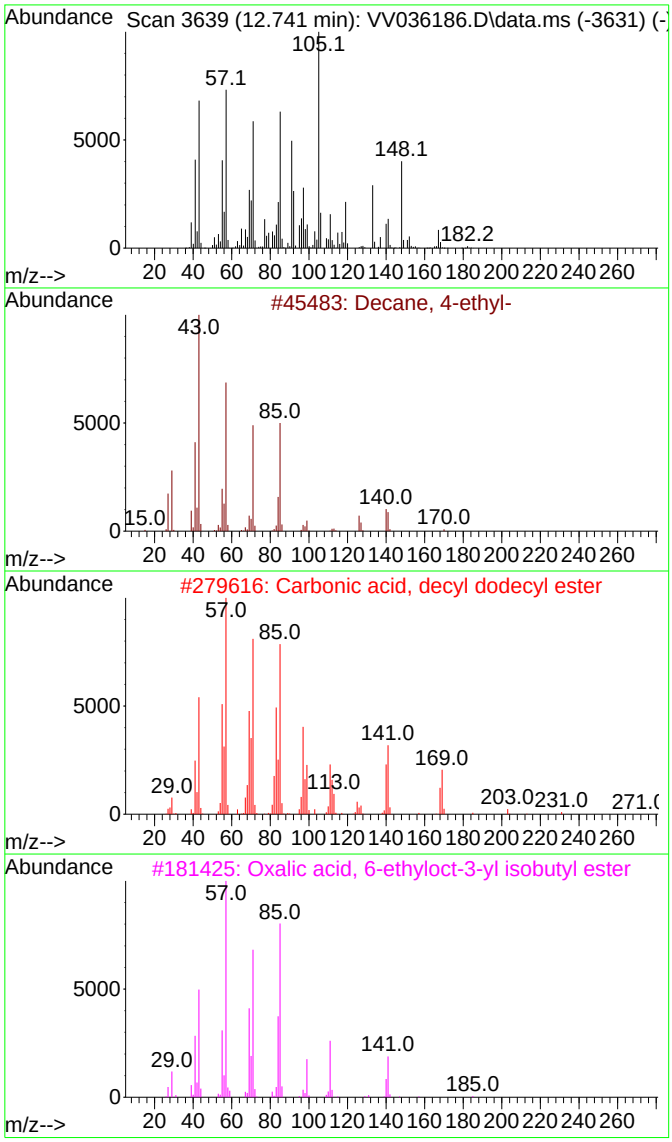
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

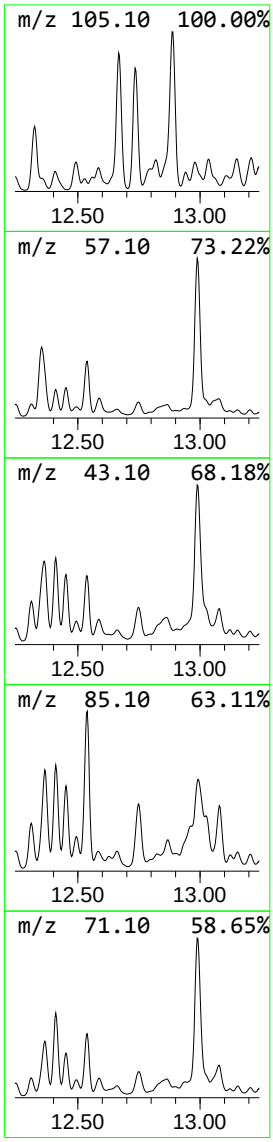
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.741	73.07 ug/L	8601450	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	50
2	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	43
3	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	38
4	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	38
5	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

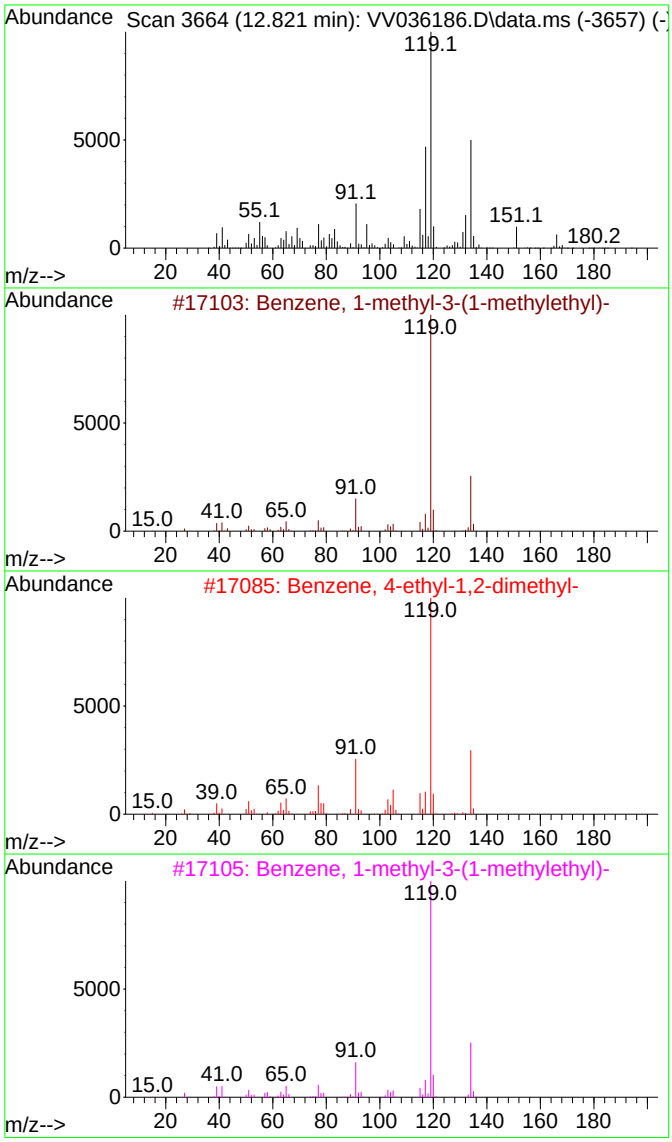
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

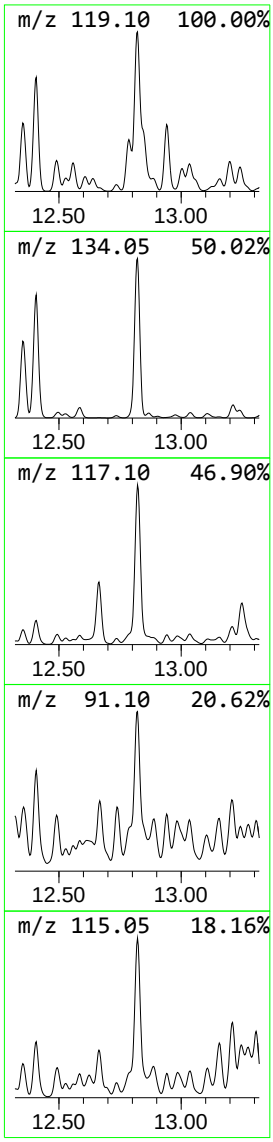
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	138.91 ug/L	16352700	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

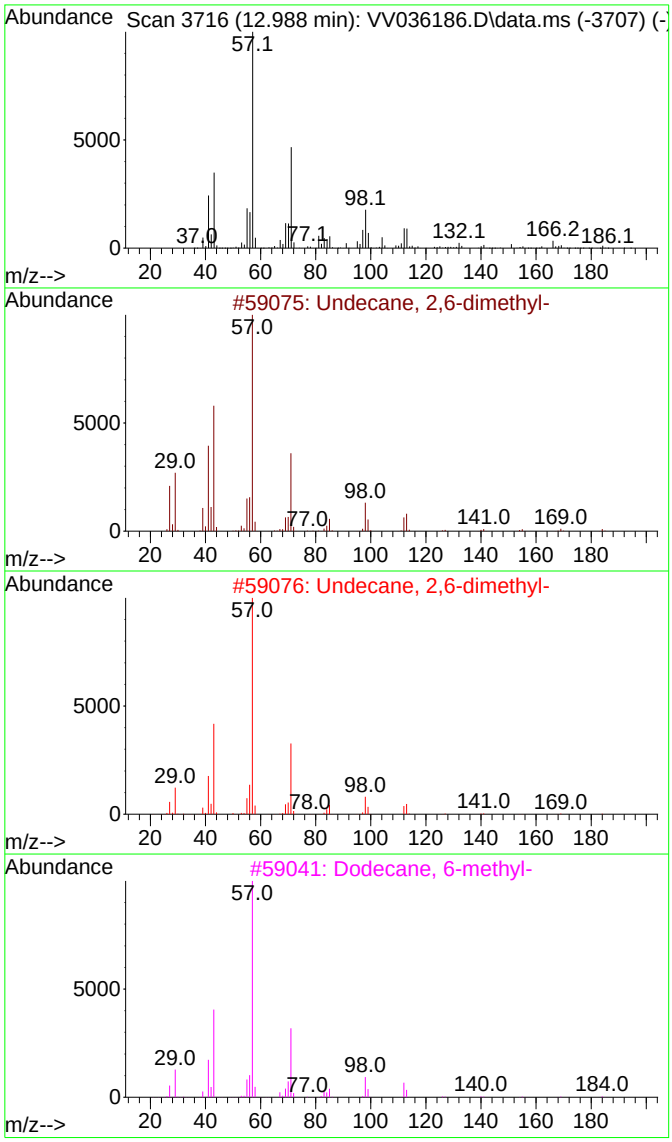
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

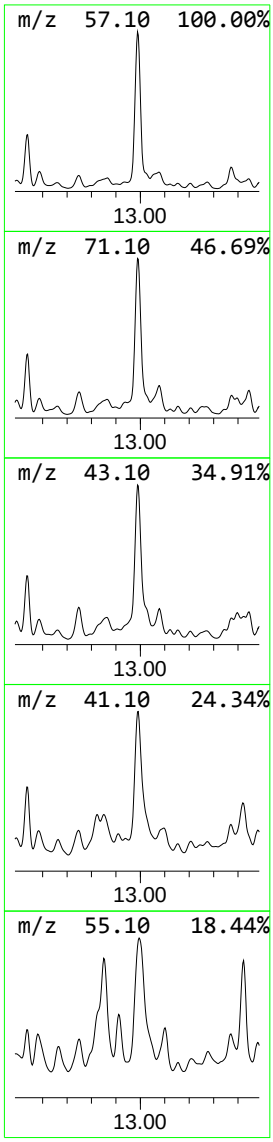
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.988	401.45 ug/L	47258700	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

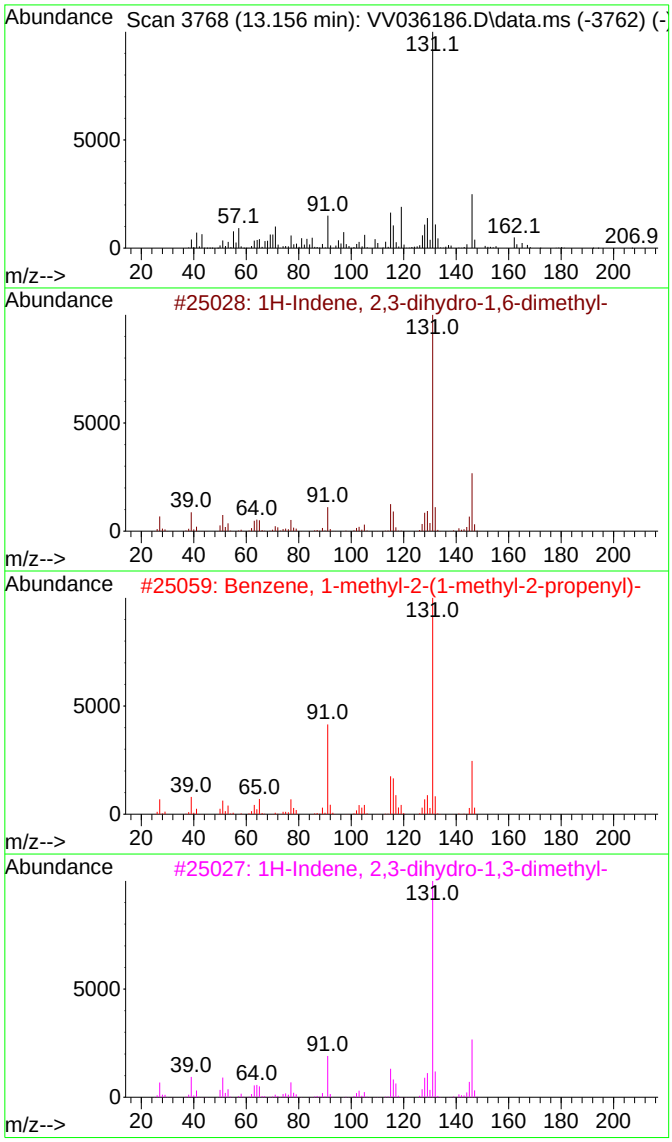
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

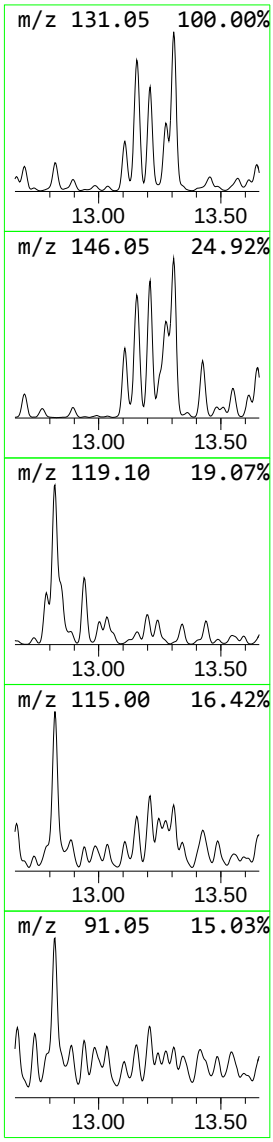
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	45.52 ug/L	5358430	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

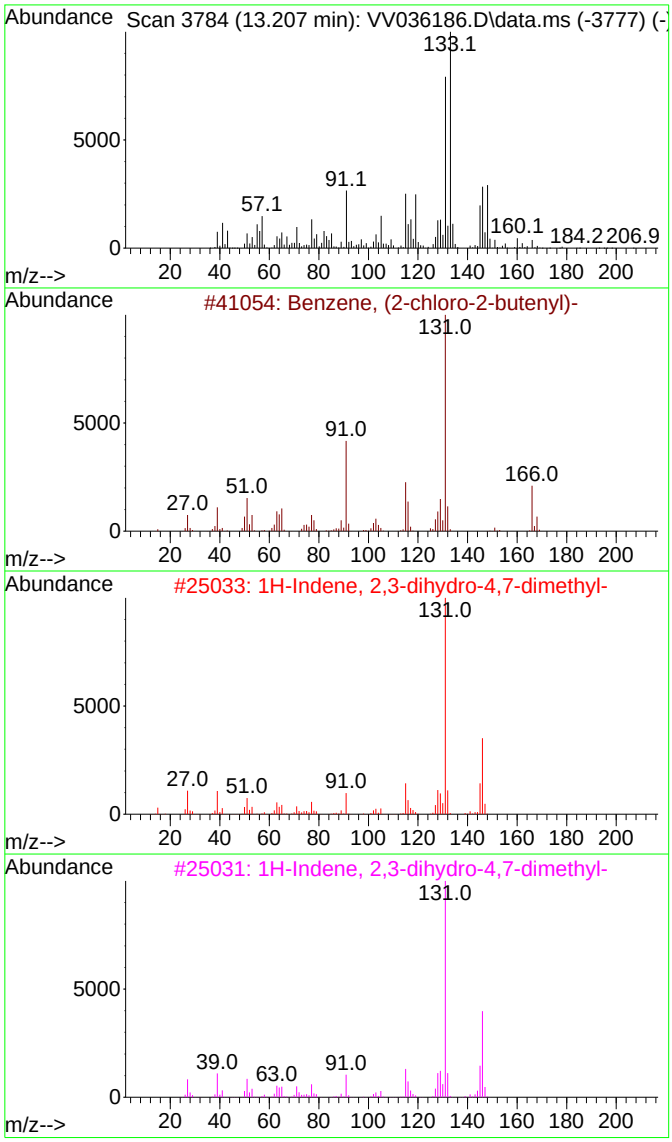
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

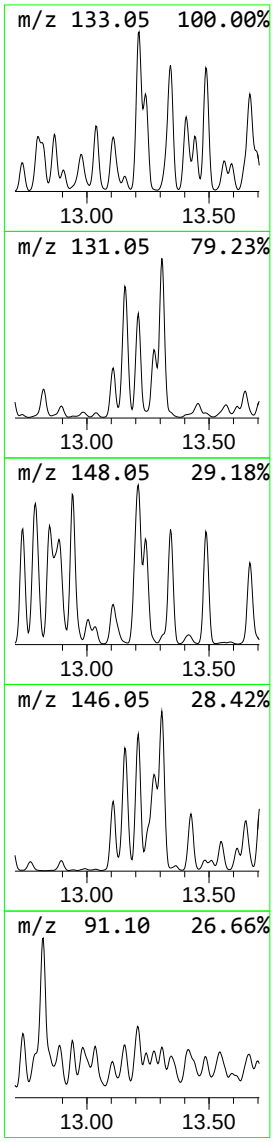
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Benzene, (2-chloro-2-butenyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.207	75.64 ug/L	8904240	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	86
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

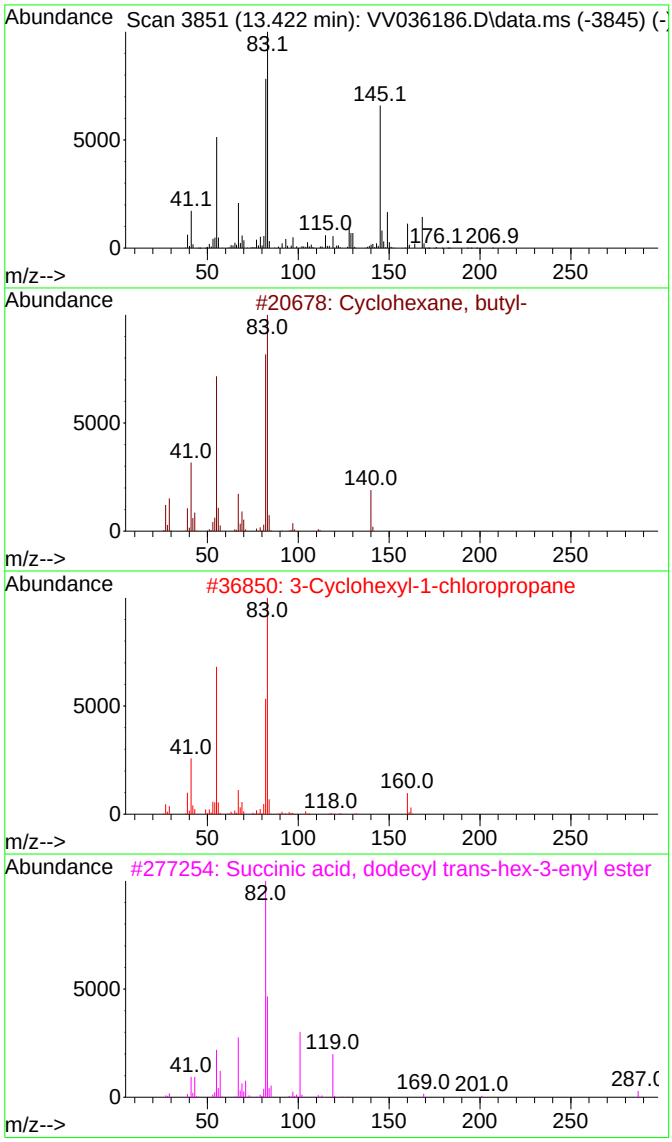
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

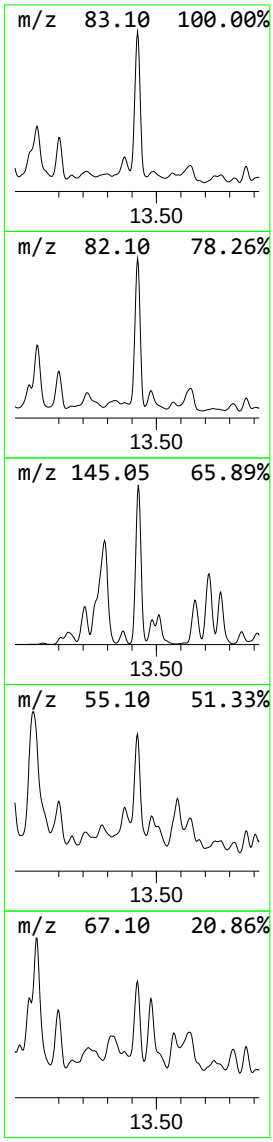
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Cyclic13.422 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	121.87 ug/L	14346200	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
3	Succinic acid, dodecyl trans-hex...	368	C22H40O4	1000353-43-5	35
4	Fumaric acid, cis-hex-3-enyl non...	324	C19H32O4	1000348-86-5	27
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

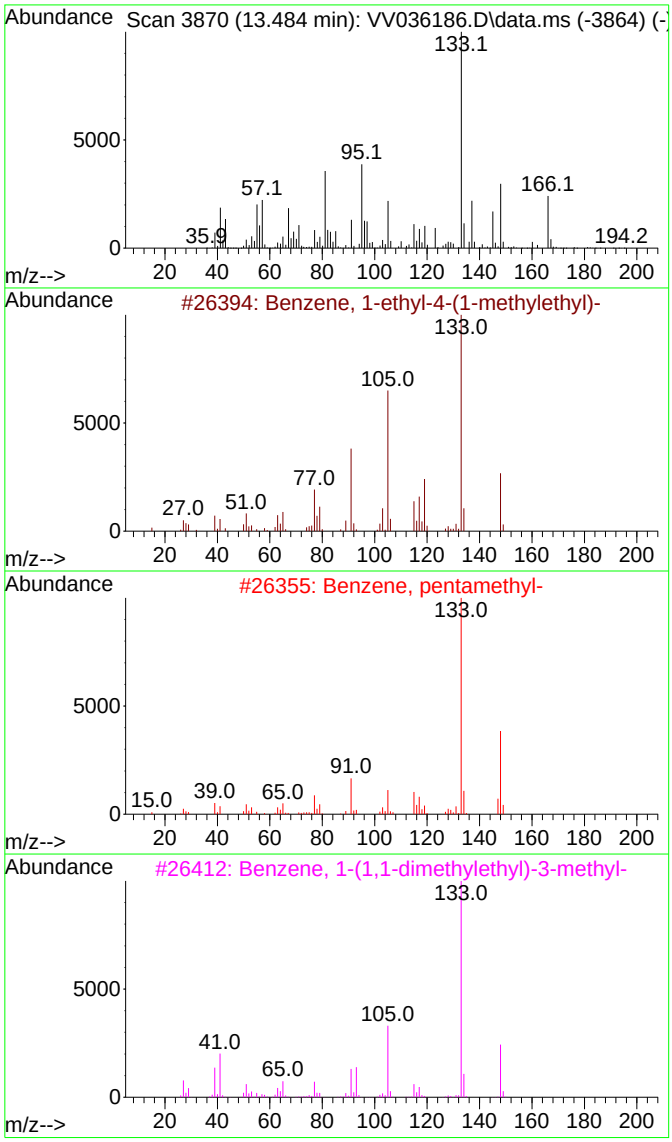
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

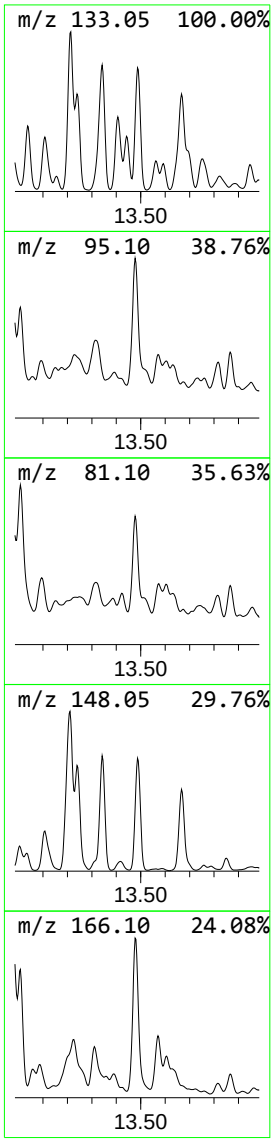
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.484	78.88 ug/L	9285460	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	89
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	46
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

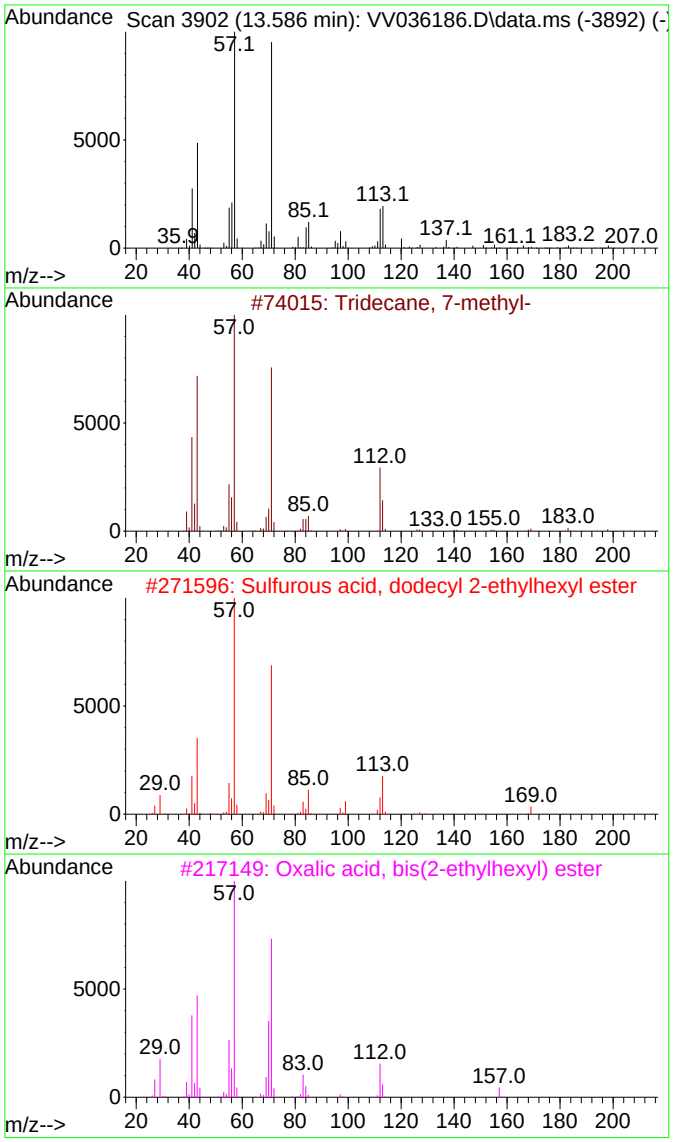
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

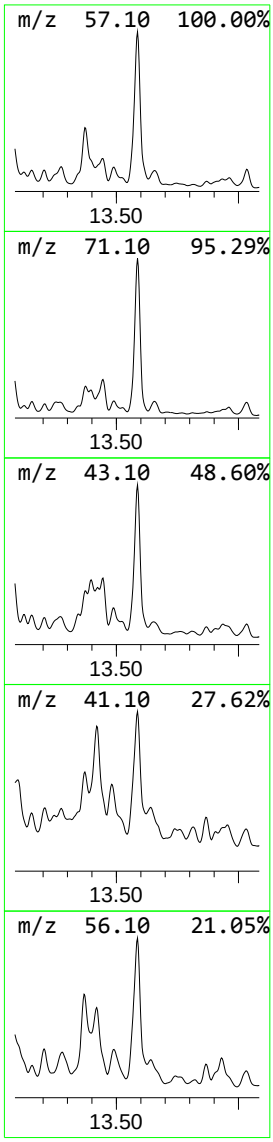
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	103.40 ug/L	12172600	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
5	2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

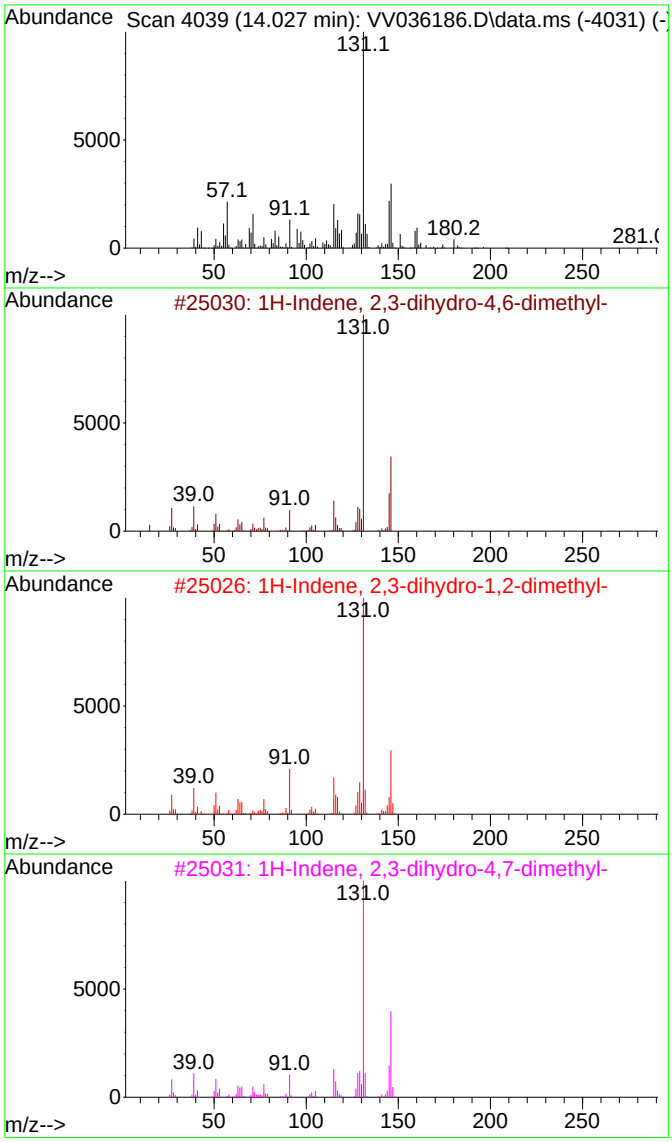
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

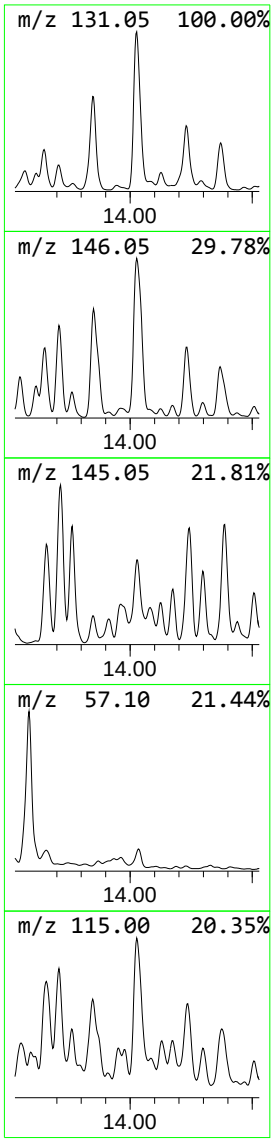
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 77 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	57.01 ug/L	6711160	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

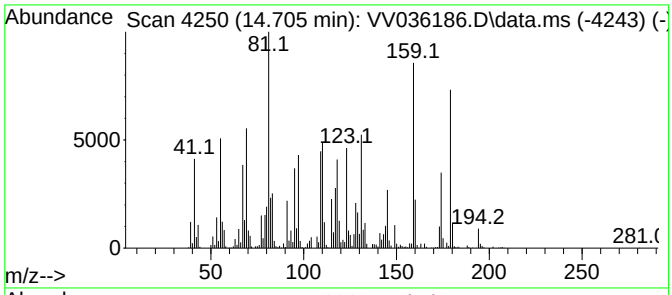
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

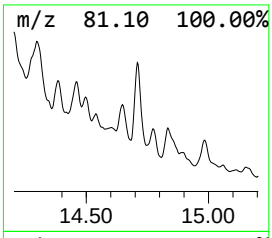
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

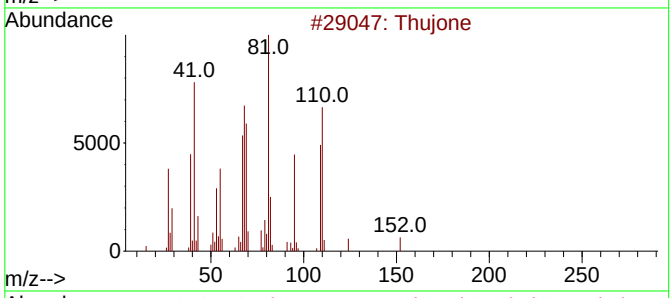
****
Peak Number 78 unknown-02 Concentration Rank 80

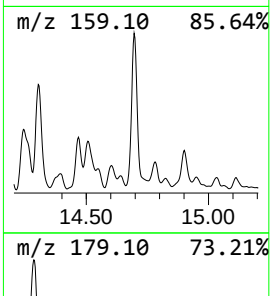
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.705	9.94 ug/L	1170240	1,4-Dichlorobenzene-d4	11.185

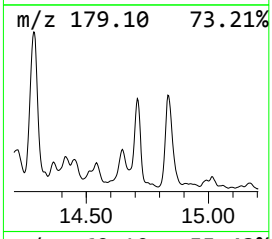
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thujone	152	C10H16O	000546-80-5	14
2	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	14
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	11
4	Imidazolo[1,2-a]pyrimidine-2,5(1...	179	C8H9N3O2	053854-19-6	10
5	2-Furanacetaldehyde, .alpha.-pro...	152	C9H12O2	031681-26-2	10

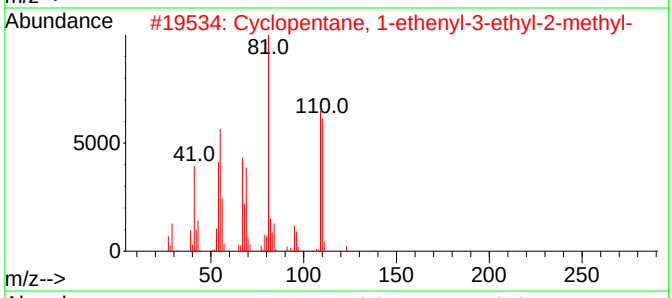


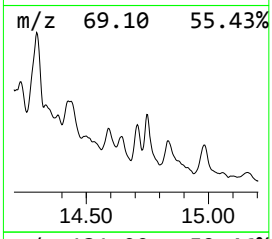


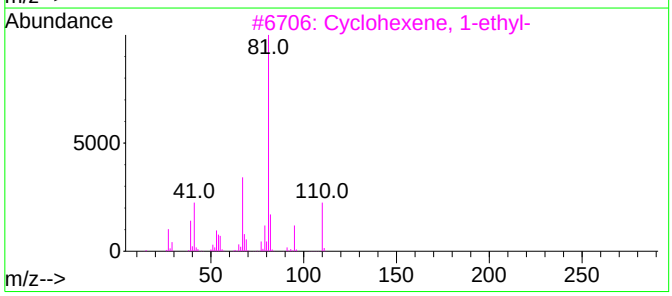


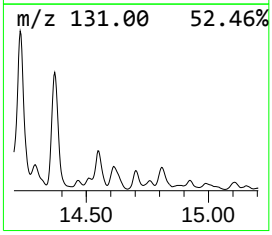












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

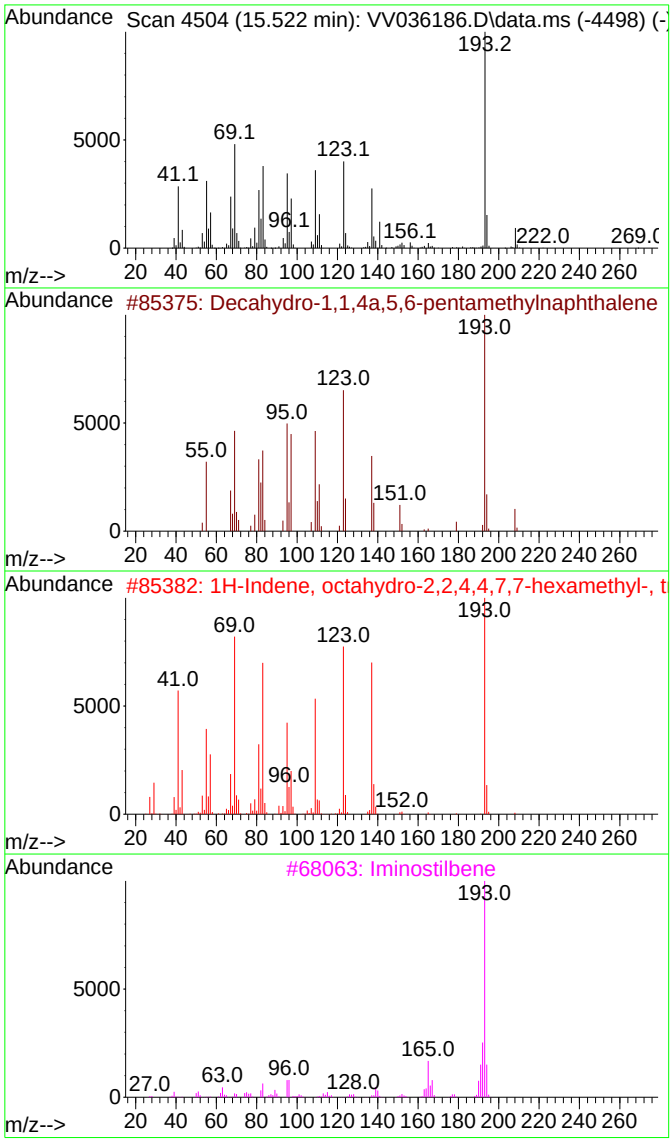
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

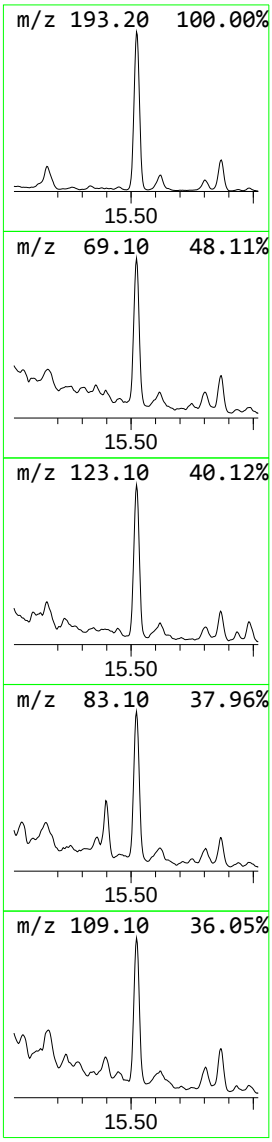
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	11.36 ug/L	1337180	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
3	Iminostilbene	193	C14H11N	000256-96-2	38
4	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	37
5	2-Anthracenamine	193	C14H11N	000613-13-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036186.D
Acq On : 21 Jun 2024 01:11
Operator : SY/MD
Sample : P2962-17
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.568	43.7	ug/L	2027790	1	5.529	1161020	25.0
(DEL) Alkane: S...	4.664	26.9	ug/L	1250780	1	5.529	1161020	25.0
(DEL) Alkane: S...	4.812	108.8	ug/L	5051370	1	5.529	1161020	25.0
(DEL) Alkane: C...	5.085	22.3	ug/L	1034410	1	5.529	1161020	25.0
(DEL) Alkane: S...	5.400	56.6	ug/L	2630430	1	5.529	1161020	25.0
(DEL) Alkane: S...	5.905	17.5	ug/L	811072	1	5.529	1161020	25.0
(DEL) Alkane: S...	6.117	50.6	ug/L	2349070	1	5.529	1161020	25.0
(DEL) Alkane: S...	6.175	70.9	ug/L	3292800	1	5.529	1161020	25.0
(DEL) Alkane: C...	6.378	59.8	ug/L	2776050	1	5.529	1161020	25.0
(DEL) Alkane: C...	6.551	37.0	ug/L	1719700	1	5.529	1161020	25.0
Butanoic acid, ...	6.760	41.5	ug/L	1925880	1	5.529	1161020	25.0
(DEL) Alkane: S...	6.841	90.0	ug/L	4178940	1	5.529	1161020	25.0
(DEL) Alkane: S...	6.883	104.4	ug/L	4849200	1	5.529	1161020	25.0
(DEL) Alkane: S...	7.005	179.6	ug/L	8340570	1	5.529	1161020	25.0
(DEL) Alkane: C...	7.188	232.5	ug/L	11144400	2	8.783	1198240	25.0
(DEL) Alkane: C...	7.368	55.5	ug/L	2657910	2	8.783	1198240	25.0
(DEL) Alkane: S...	7.497	126.1	ug/L	6042800	2	8.783	1198240	25.0
(DEL) Alkane: C...	7.715	70.5	ug/L	3377170	2	8.783	1198240	25.0
(DEL) Alkane: S...	7.838	20.4	ug/L	975334	2	8.783	1198240	25.0
(DEL) Alkane: S...	8.140	161.7	ug/L	7748570	2	8.783	1198240	25.0
(DEL) Alkane: C...	8.220	107.6	ug/L	5158470	2	8.783	1198240	25.0
(DEL) Alkane: C...	8.281	105.1	ug/L	5037380	2	8.783	1198240	25.0
(DEL) Alkane: C...	8.439	26.2	ug/L	1255450	2	8.783	1198240	25.0
(DEL) Alkane: C...	8.522	126.7	ug/L	6074700	2	8.783	1198240	25.0
(DEL) Alkane: S...	8.600	169.2	ug/L	8110580	2	8.783	1198240	25.0
(DEL) Alkane: S...	8.725	145.5	ug/L	6974180	2	8.783	1198240	25.0
Pentalene, octa...	8.863	25.1	ug/L	1201580	2	8.783	1198240	25.0
(DEL) Alkane: C...	8.924	32.9	ug/L	1575380	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.037	68.6	ug/L	3287070	2	8.783	1198240	25.0
(DEL) Alkane: C...	9.088	112.8	ug/L	5408190	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.136	195.9	ug/L	9387310	2	8.783	1198240	25.0
Pentane, 1-chlo...	9.249	37.1	ug/L	1779980	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.349	14.5	ug/L	694045	2	8.783	1198240	25.0
(DEL) Alkane: C...	9.410	175.2	ug/L	8395280	2	8.783	1198240	25.0
Oxalic acid, cy...	9.487	18.6	ug/L	892190	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.513	62.5	ug/L	2993420	2	8.783	1198240	25.0
4H-Imidazol-4-o...	9.567	17.6	ug/L	843406	2	8.783	1198240	25.0
(DEL) Alkane: C...	9.612	43.4	ug/L	2081540	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.648	186.5	ug/L	8939820	2	8.783	1198240	25.0
(DEL) Alkane: C...	9.731	239.6	ug/L	11483800	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.786	88.8	ug/L	4255500	2	8.783	1198240	25.0
(DEL) Alkane: S...	9.956	100.8	ug/L	4831300	2	8.783	1198240	25.0
(DEL) Alkane: S...	10.024	64.1	ug/L	7543740	3	11.185	2943000	25.0
unknown-01	10.056	48.9	ug/L	5752100	3	11.185	2943000	25.0
(DEL) Alkane: C...	10.329	15.7	ug/L	1849330	3	11.185	2943000	25.0
(DEL) Alkane: C...	10.387	27.7	ug/L	3261510	3	11.185	2943000	25.0
(DEL) Alkane: C...	10.622	14.3	ug/L	1679960	3	11.185	2943000	25.0
Benzene, 1-ethy...	10.667	36.9	ug/L	4343940	3	11.185	2943000	25.0
(DEL) Alkane: S...	10.976	40.7	ug/L	4793020	3	11.185	2943000	25.0
(DEL) Alkane: C...	11.091	55.7	ug/L	6560780	3	11.185	2943000	25.0
(DEL) Alkane: S...	11.236	43.1	ug/L	5069020	3	11.185	2943000	25.0
(DEL) Alkane: S...	11.278	38.4	ug/L	4523990	3	11.185	2943000	25.0

(DEL) Alkane: S...	11.317	60.8	ug/L	7153260	3	11.185	2943000	25.0
(DEL) Alkane: S...	11.406	74.4	ug/L	8759830	3	11.185	2943000	25.0
Benzene, 1,3-di...	11.484	16.7	ug/L	1967370	3	11.185	2943000	25.0
Benzene, 1-meth...	11.757	28.2	ug/L	3323750	3	11.185	2943000	25.0
(DEL) Alkane: C...	11.879	127.3	ug/L	14989400	3	11.185	2943000	25.0
o-Cymene	11.947	157.3	ug/L	18513400	3	11.185	2943000	25.0
(DEL) Alkane: S...	12.069	137.0	ug/L	16130700	3	11.185	2943000	25.0
trans-Decalin, ...	12.198	148.7	ug/L	17509700	3	11.185	2943000	25.0
(DEL) Alkane: C...	12.313	198.0	ug/L	23311100	3	11.185	2943000	25.0
Benzene, 1,2,3,...	12.355	169.8	ug/L	19984900	3	11.185	2943000	25.0
Benzene, 1,2,4,...	12.410	267.8	ug/L	31523000	3	11.185	2943000	25.0
(DEL) Alkane: S...	12.451	54.9	ug/L	6462310	3	11.185	2943000	25.0
Benzene, 1,3-di...	12.493	58.5	ug/L	6880600	3	11.185	2943000	25.0
(DEL) Alkane: S...	12.535	100.3	ug/L	11802400	3	11.185	2943000	25.0
1-methyl-1-indanol	12.583	64.6	ug/L	7606810	3	11.185	2943000	25.0
Benzene, (2-met...	12.667	75.9	ug/L	8938950	3	11.185	2943000	25.0
(DEL) Alkane: S...	12.741	73.1	ug/L	8601450	3	11.185	2943000	25.0
Benzene, 1-meth...	12.821	138.9	ug/L	16352700	3	11.185	2943000	25.0
(DEL) Alkane: S...	12.988	401.4	ug/L	47258700	3	11.185	2943000	25.0
1H-Indene, 2,3-...	13.156	45.5	ug/L	5358430	3	11.185	2943000	25.0
Benzene, (2-chl...	13.207	75.6	ug/L	8904240	3	11.185	2943000	25.0
(DEL) Alkane: C...	13.422	121.9	ug/L	14346200	3	11.185	2943000	25.0
Benzene, 1-ethy...	13.484	78.9	ug/L	9285460	3	11.185	2943000	25.0
(DEL) Alkane: S...	13.586	103.4	ug/L	12172600	3	11.185	2943000	25.0
1H-Indene, 2,3-...	14.027	57.0	ug/L	6711160	3	11.185	2943000	25.0
unknown-02	14.705	9.9	ug/L	1170240	3	11.185	2943000	25.0
Decahydro-1,1,4...	15.522	11.4	ug/L	1337180	3	11.185	2943000	25.0

Instrument :
MSVOA_V
ClientSampleId :
C0T91