LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

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: VV036126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	85	rVB	109187	118463	2.34%	0.256%
2	1.526	145	151	164	rVB	95187	111055	2.19%	0.240%
3	2.053	306	315	328	rBV	187686	269148	5.31%	0.583%
4	2.442	426	436	451	rBV	69389	114720	2.26%	0.248%
5	2.551	462	470	472	rBV6	1956	2438	0.05%	0.005%
6	2.619	488	491	494	rVB4	579	411	0.01%	0.001%
7	2.648	494	500	503	rBV5	472	544	0.01%	0.001%
8	2.703	515	517	522	rVB4	688	543	0.01%	0.001%
9	2.735	525	527	533	rVB3	408	312	0.01%	0.001%
10	2.760	533	535	540	rVB3	355	307	0.01%	0.001%
11	2.863	563	567	570	rBV3	396	345	0.01%	0.001%
12	2.963	587	598	619	rVB3	14000	29461	0.58%	0.064%
13	3.178	660	665	670	rBV4	252	297	0.01%	0.001%
14	3.230	677	681	685	rVB3	366	369	0.01%	0.001%
15	3.265	686	692	702	rVB4	619	1056	0.02%	0.002%
16	3.397	730	733	737	rBV3	258	250	0.00%	0.001%
17	3.452	743	750	753	rVB2	483	370	0.01%	0.001%
18	3.667	811	817	822	rBV5	841	1227	0.02%	0.003%
19	3.741	838	840	848	rVB5	670	862	0.02%	0.002%
20	3.828	851	867	901	rBV3	27694	108458	2.14%	0.235%
21	4.175	973	975	981	rVB4	613	376	0.01%	0.001%
22	4.246	982	997	1026	rBV	122625	328834	6.49%	0.712%
23	4.503	1076	1077	1080	rBV2	353	242	0.00%	0.001%
24	4.583	1099	1102	1105	rBV3	551	393	0.01%	0.001%
25	4.619	1110	1113	1115	rBV2	477	272	0.01%	0.001%
26	4.741	1146	1151	1157	rVB2	399	483	0.01%	0.001%
27	4.773	1157	1161	1163	rBV2	398	339	0.01%	0.001%
28	4.831	1176	1179	1182	rVB3	541	342	0.01%	0.001%
29	4.902	1197	1201	1202	rBV2	502	278	0.01%	0.001%
30	4.953	1202	1217	1251	rBV2	286180	742280	14.65%	1.607%
31	5.326	1330	1333	1337	rBV3	421	261	0.01%	0.001%
32	5.355	1337	1342	1345	rBV2	414	390	0.01%	0.001%
33	5.387	1349	1352	1354	rBV2	442	256	0.01%	0.001%
34	5.416	1354	1361	1364	rBV4	1125	1431	0.03%	0.003%
35	5.455	1370	1373	1376	rVB3	478	321	0.01%	0.001%
36	5.532	1386	1397	1430	rBV	266007	578258	11.41%	1.252%

LSC Area Percent Report

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Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

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	5.828	1479	1489	1510	rBV3	21537	50444	1.00%	0.109%
38	5.989	1528	1539	1575	rBV	171954	394488	7.79%	0.854%
39	6.133	1582	1584	1587	rBV3	622	334	0.01%	0.001%
40	6.275	1622	1628	1629	rBV3	567	575	0.01%	0.001%
41	6.387	1652	1663	1670	rVV6	2954	5066	0.10%	0.011%
42	6.461	1683	1686	1693	rBV3	223	242	0.00%	0.001%
43	6.558	1704	1716	1724	rBV7	3796	7543	0.15%	0.016%
44	6.603	1728	1730	1735	rVB3	485	408	0.01%	0.001%
45	6.702	1759	1761	1764	rVB2	445	284	0.01%	0.001%
46	6.757	1772	1778	1780	rBV4	1166	990	0.02%	0.002%
47	6.850	1796	1807	1814	rBV3	8183	15159	0.30%	0.033%
48	6.918	1818	1828	1849	rVV	72644	144267	2.85%	0.312%
49	7.191	1901	1913	1919	rBV3	31802	61160	1.21%	0.132%
50	7.243	1920	1929	1956	rVB	293132	540083	10.66%	1.169%
51	7.500	2001	2009	2020	rBV3	18069	31147	0.61%	0.067%
52	7.564	2020	2029	2032	rBV	54290	86876	1.71%	0.188%
53	7.715	2067	2076	2087	rVB2	15875	27813	0.55%	0.060%
54	7.776	2088	2095	2102	rBV8	1985	3146	0.06%	0.007%
55	8.034	2158	2175	2199	rBV3	74668	231267	4.56%	0.501%
56	8.156	2200	2213	2223	rBV7	42711	110248	2.18%	0.239%
57	8.220	2224	2233	2242	rVB	107070	166865	3.29%	0.361%
58	8.281	2242	2252	2261	rBV	173992	304704	6.01%	0.660%
59	8.439	2293	2301	2311	rVB4	26130	44977	0.89%	0.097%
60	8.522	2311	2327	2342	rBV3	190304	516534	10.19%	1.118%
61	8.603	2343	2352	2363	rVB2	241833	404403	7.98%	0.876%
62	8.725	2377	2390	2399	rBV	273680	449023	8.86%	0.972%
63	8.783	2399	2408	2421	rVV	509621	829126	16.36%	1.795%
64	8.924	2443	2452	2467	rBV3	120074	243577	4.81%	0.527%
65	9.040	2478	2488	2494	rBV4	214843	439042	8.67%	0.951%
66	9.088	2498	2503	2510	rVV	545009	817695	16.14%	1.770%
67	9.127	2511	2515	2541	rVB	338335	672556	13.27%	1.456%
68	9.249	2542	2553	2565	rBV2	215169	378700	7.47%	0.820%
69	9.349	2575	2584	2585	rBV2	71664	81594	1.61%	0.177%
70	9.410	2588	2603	2620	rVB5	895637	2047780	40.42%	4.433%
71	9.644	2658	2676	2686	rBV4	2152527	4199173	82.88%	9.091%
72	9.731	2695	2703	2714	rBV4	1668563	2914979	57.53%	6.311%
73	9.911	2752	2759	2765	rBV3	357551	515330	10.17%	1.116%
74	9.956	2766	2773	2781	rBV3	722104	1132495	22.35%	2.452%
75	10.172	2829	2840	2852	rVB5	2196315	5066815	100.00%	10.970%
76	10.445	2918	2925	2933	rBV	1533455	2114895	41.74%	4.579%

LSC Area Percent Report

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Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

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

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Peak separation: 5

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

77	10.664	2987	2993	3002	rBV6	662613	1053748	20.80%	2.281%
78	10.818	3033	3041	3047	rBV	2733504	4114133	81.20%	8.907%
79	11.091	3119	3126	3135	rVB2	1332590	1888394	37.27%	4.088%
80	11.181	3147	3154	3163	rBV3	961473	1421552	28.06%	3.078%
81	11.271	3175	3182	3190	rBV2	1330581	1778083	35.09%	3.850%
82	11.561	3258	3272	3291	rVB6	1209819	3627616	71.60%	7.854%
83	11.754	3327	3332	3353	rVB	677310	1239063	24.45%	2.683%
84	11.850	3355	3362	3365	rBV	295376	394872	7.79%	0.855%
85	11.953	3388	3394	3399	rBV	483266	582307	11.49%	1.261%
86	12.049	3416	3424	3437	rBV2	560150	1226299	24.20%	2.655%
87	12.310	3496	3505	3511	rBV5	190712	346760	6.84%	0.751%
88	12.403	3527	3534	3545	rBV3	286843	410527	8.10%	0.889%
89	12.487	3554	3560	3568	rVB2	111914	152616	3.01%	0.330%
90	12.818	3656	3663	3678	rVB2	234897	367074	7.24%	0.795%
91	13.207	3775	3784	3791	rBV5	40153	65903	1.30%	0.143%
92	13.683	3927	3932	3950	rVB3	16302	28712	0.57%	0.062%
93	13.985	4019	4026	4033	rVB2	3016	4291	0.08%	0.009%
94	14.233	4095	4103	4105	rBV7	1322	1741	0.03%	0.004%
95	14.435	4160	4166	4168	rBV3	1150	1047	0.02%	0.002%
96	14.577	4204	4210	4229	rVB5	6213	11080	0.22%	0.024%
97	14.760	4261	4267	4271	rBV5	3723	4727	0.09%	0.010%
98	14.908	4311	4313	4318	rVB4	852	500	0.01%	0.001%
99	15.149	4386	4388	4395	rVB6	1106	907	0.02%	0.002%
100	15.229	4411	4413	4414	rBV	756	312	0.01%	0.001%

Sum of corrected areas: 46189459

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
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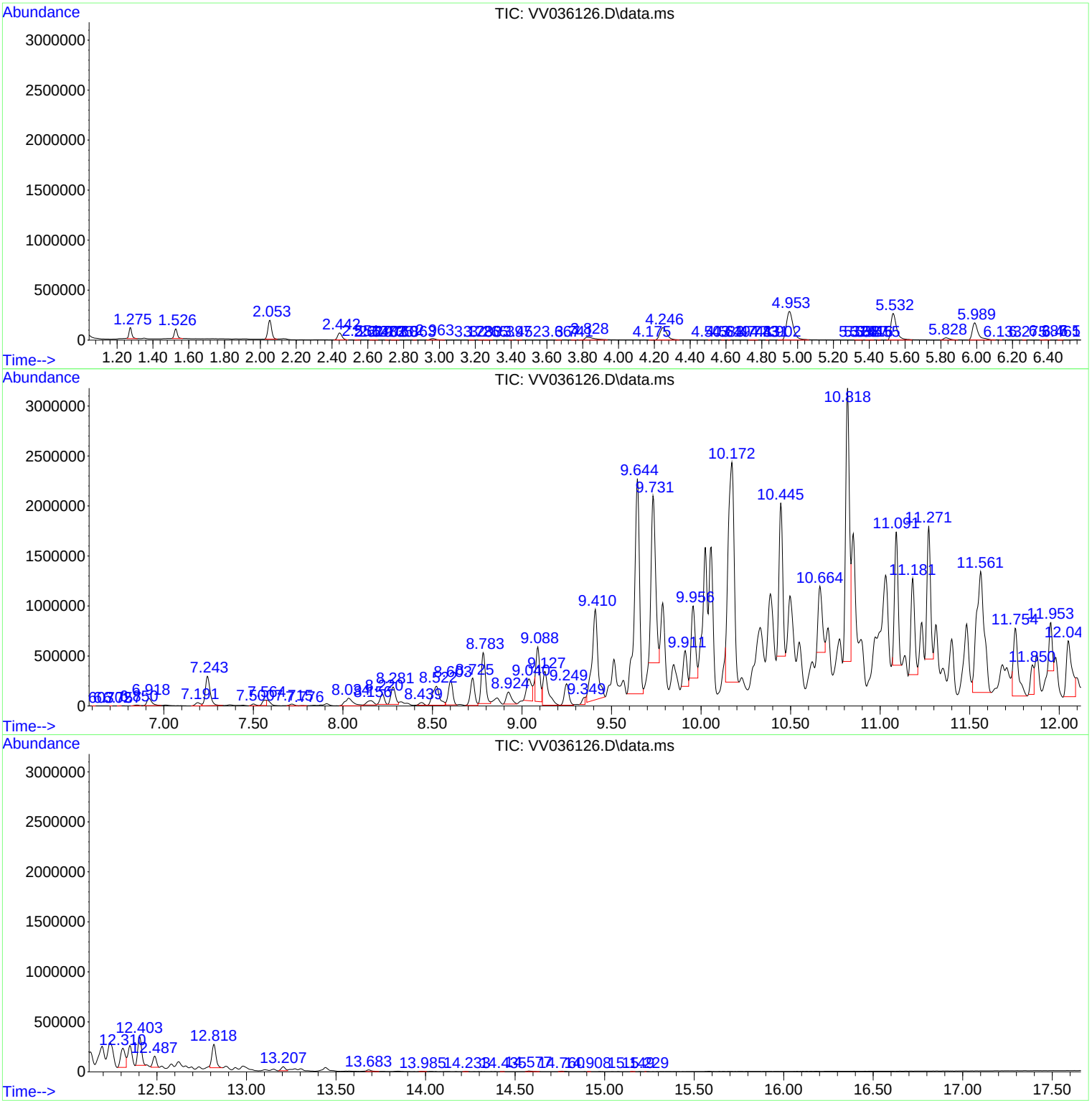
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

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\VV061824\
Data File : VV036126.D
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Operator : SY/MD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

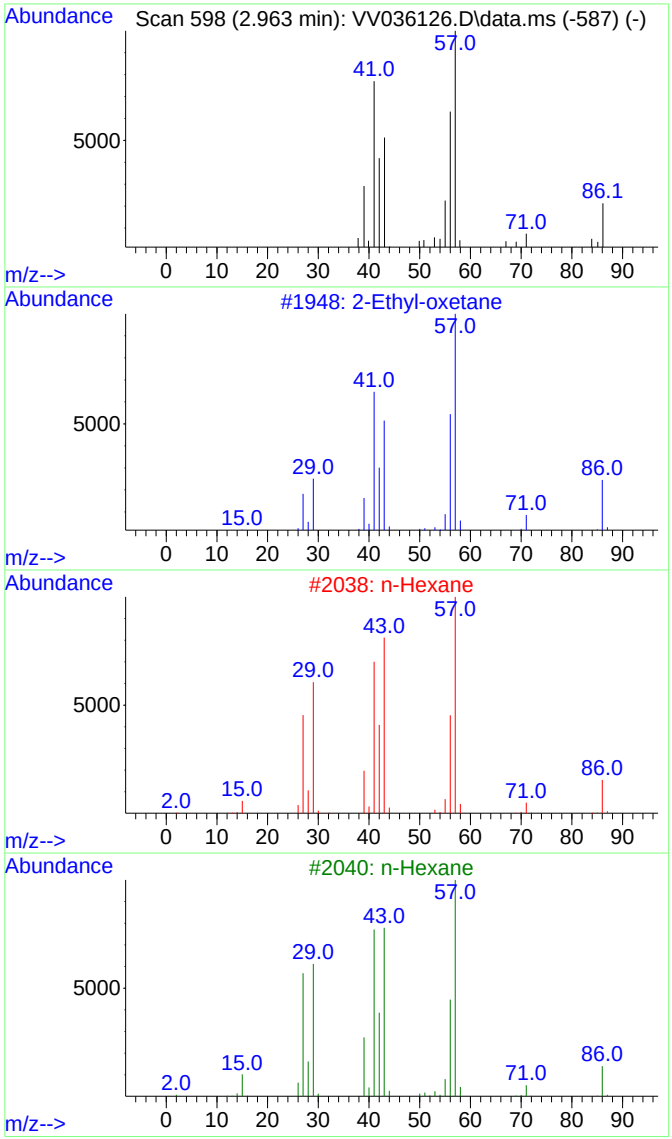
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

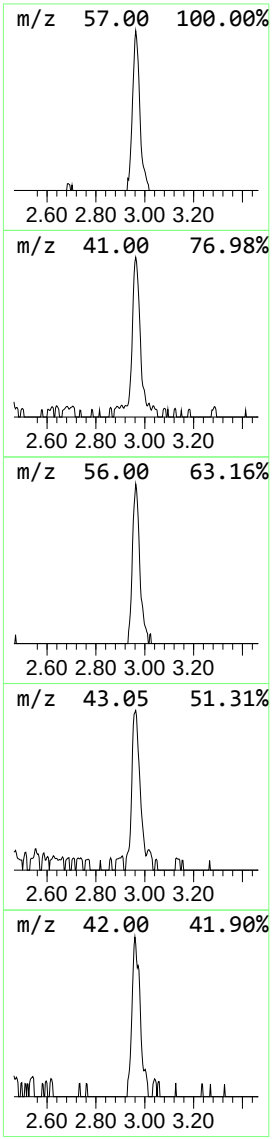
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.27 ug/L	29461	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	45
4	n-Hexane	86	C6H14	000110-54-3	42
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

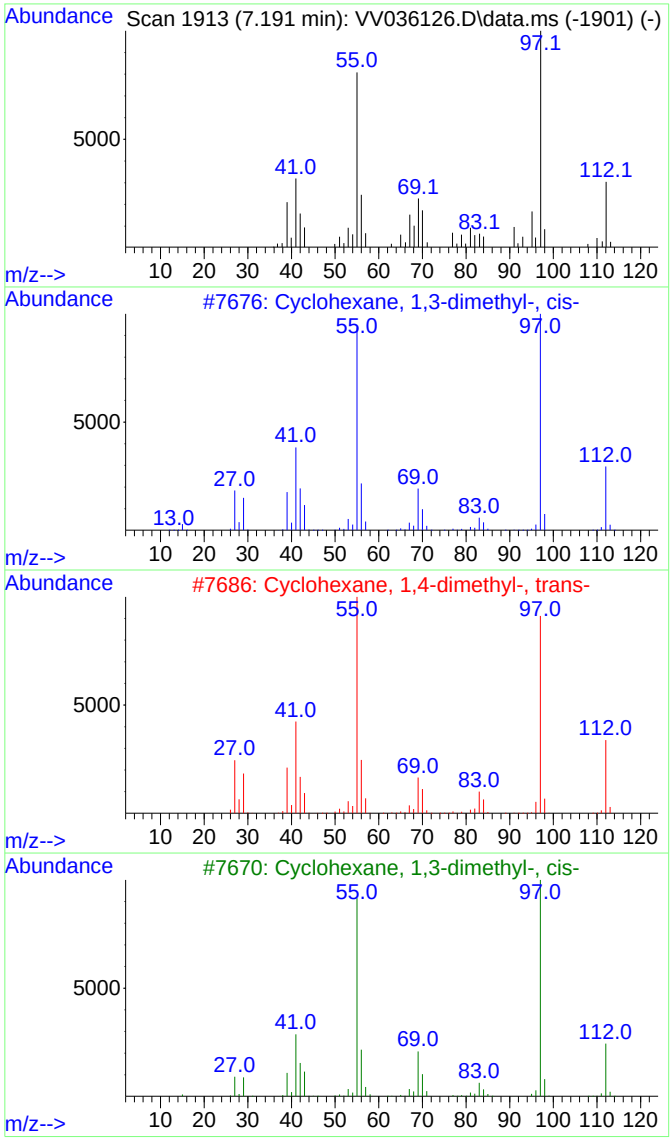
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

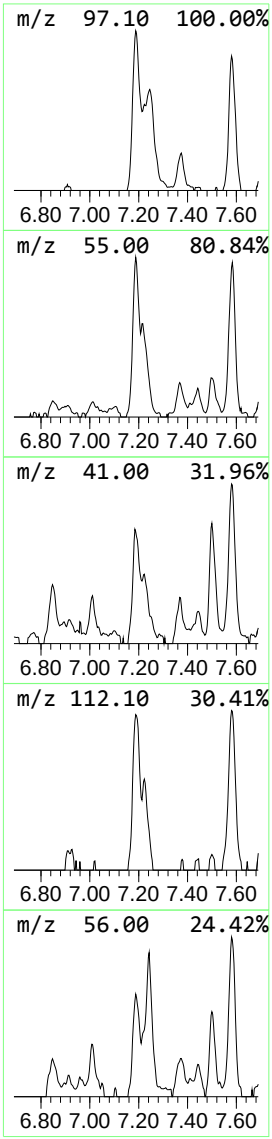
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic7.191 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.191	1.84 ug/L	61160	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-, trans-	112	C8H16	002207-04-7	87
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

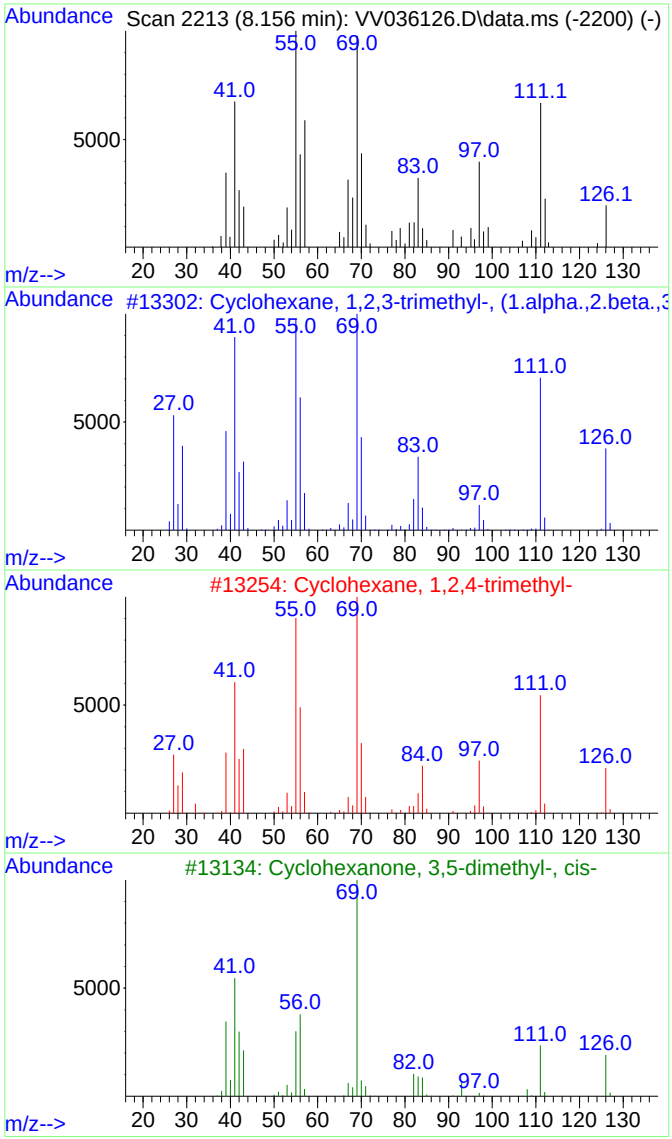
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

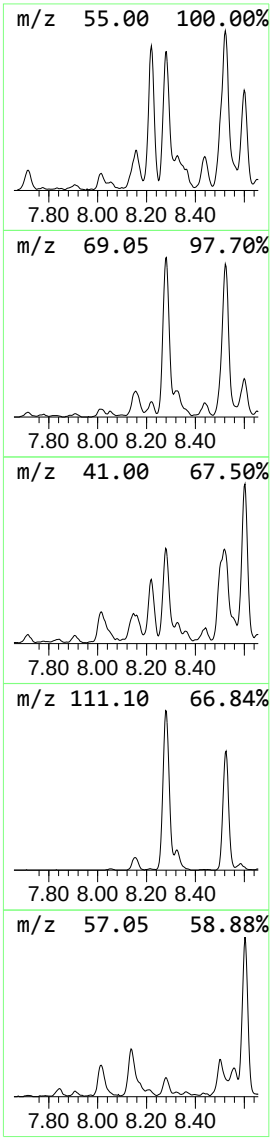
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.156 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.156	3.32 ug/L	110248	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	74
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	46
4	trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	46
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

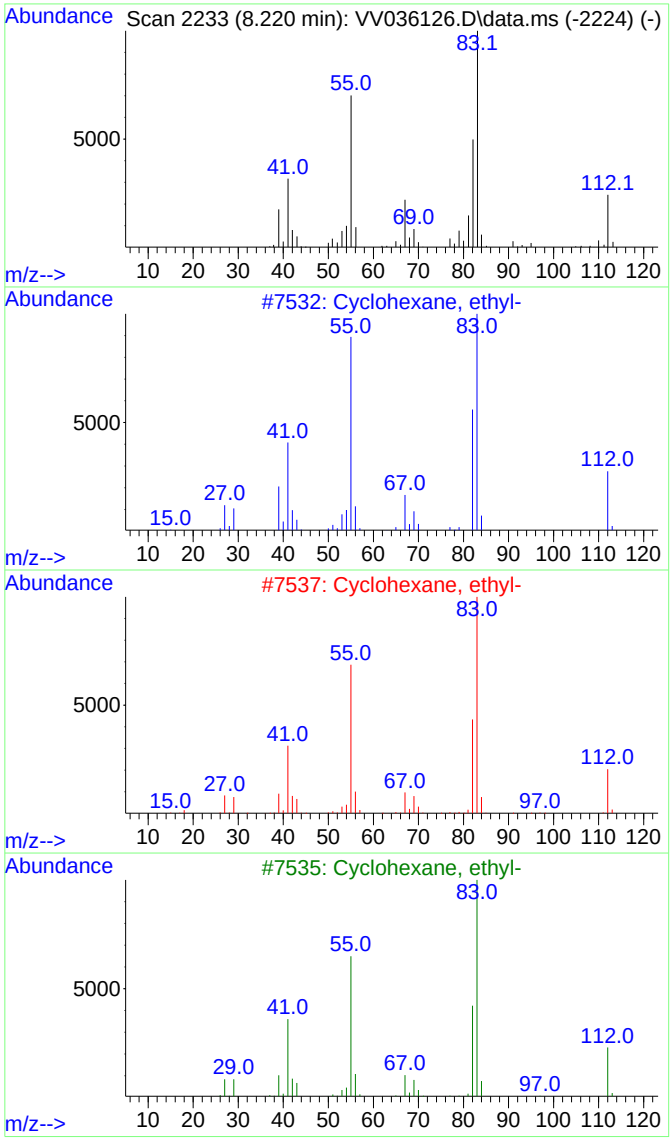
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

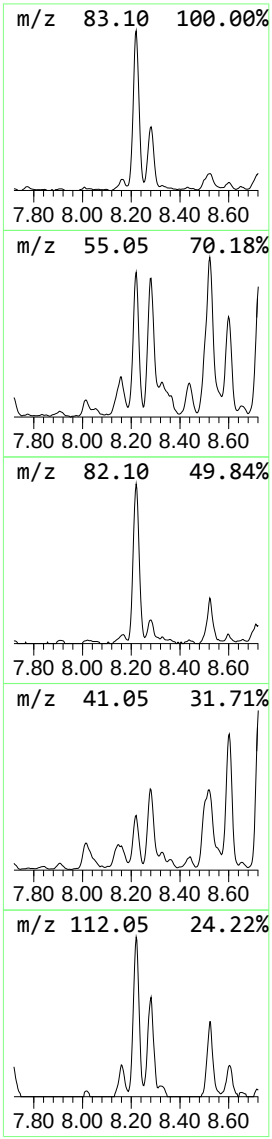
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic8.220 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	5.03 ug/L	166865	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

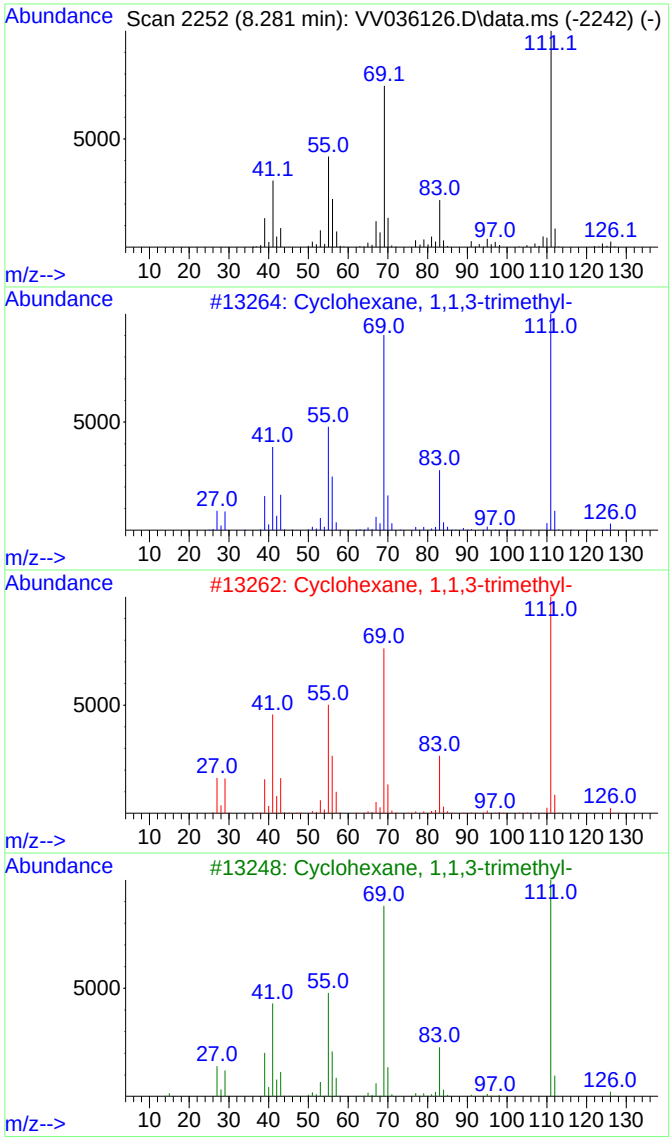
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

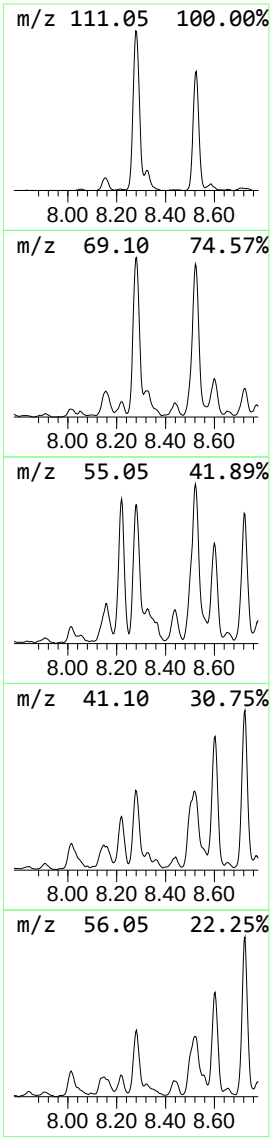
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.281 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	9.19 ug/L	304704	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

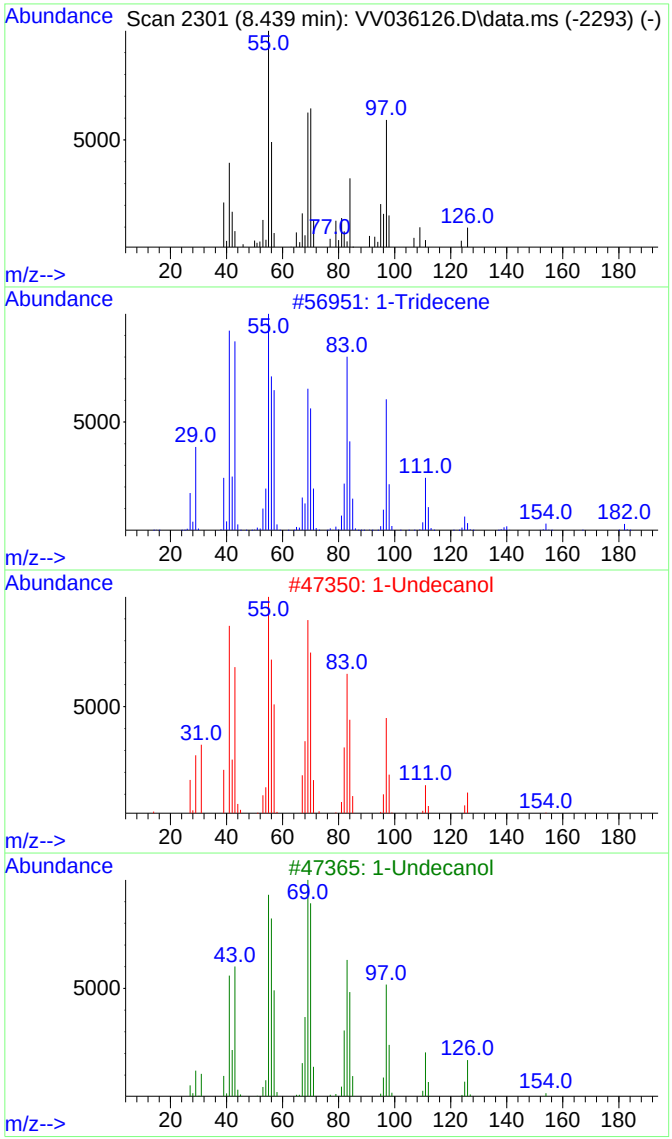
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

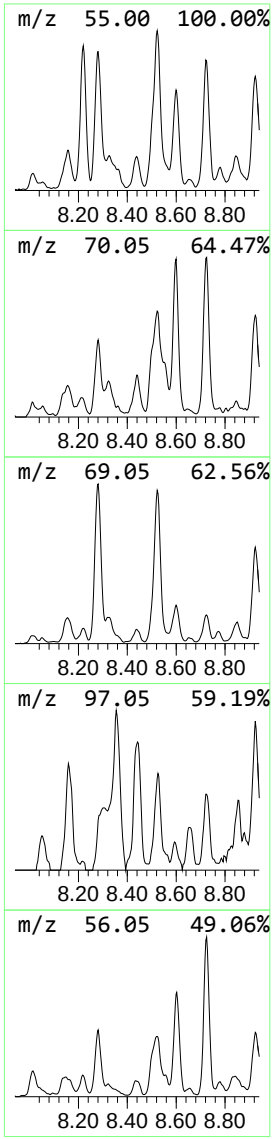
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	1.36 ug/L	44977	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	64
2	1-Undecanol	172	C11H24O	000112-42-5	53
3	1-Undecanol	172	C11H24O	000112-42-5	50
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	50
5	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

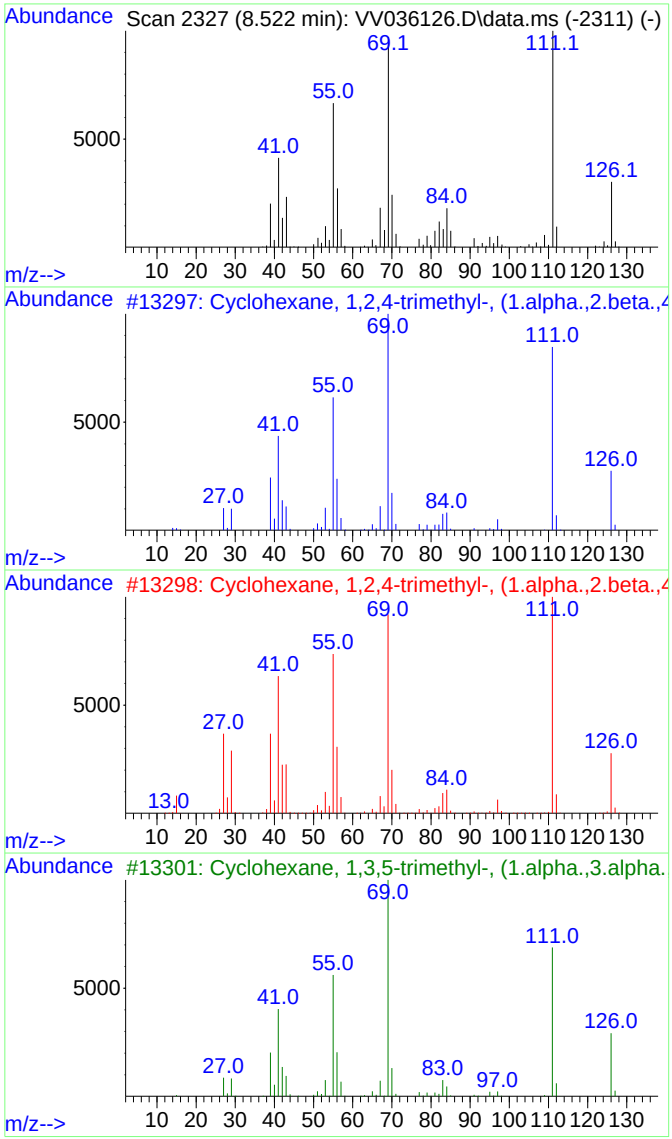
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

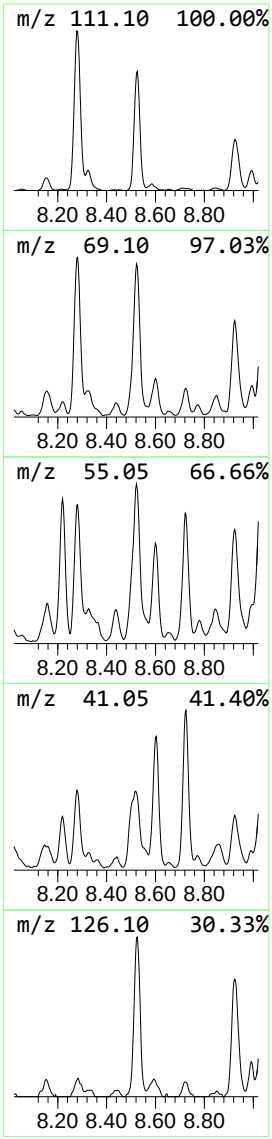
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.522 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	15.57 ug/L	516534	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, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

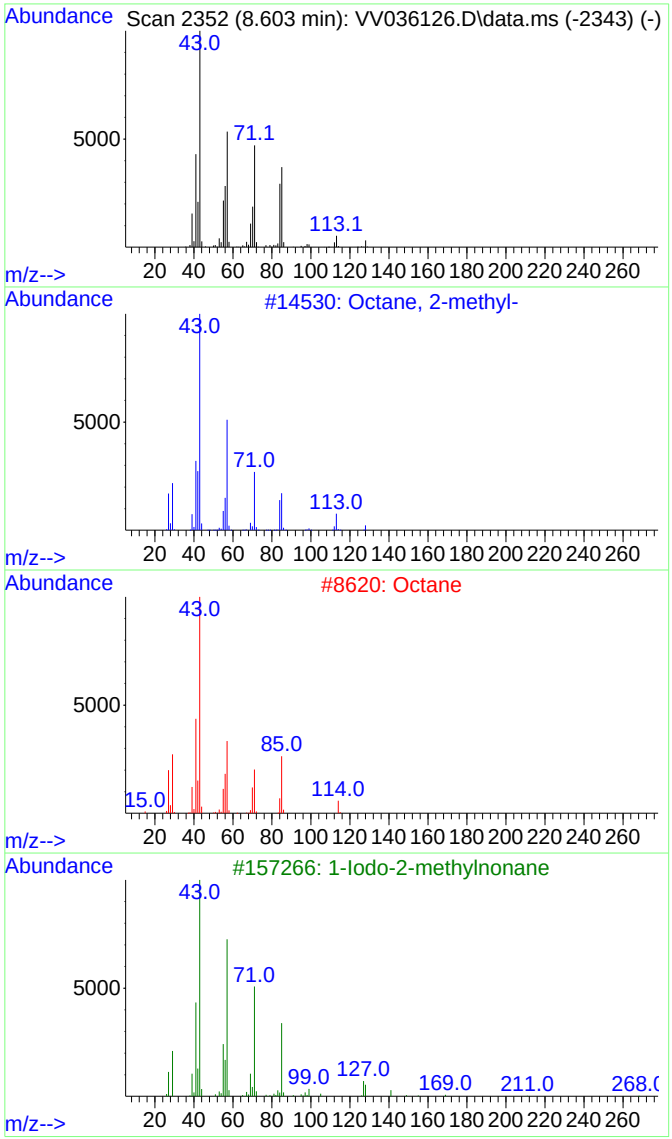
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

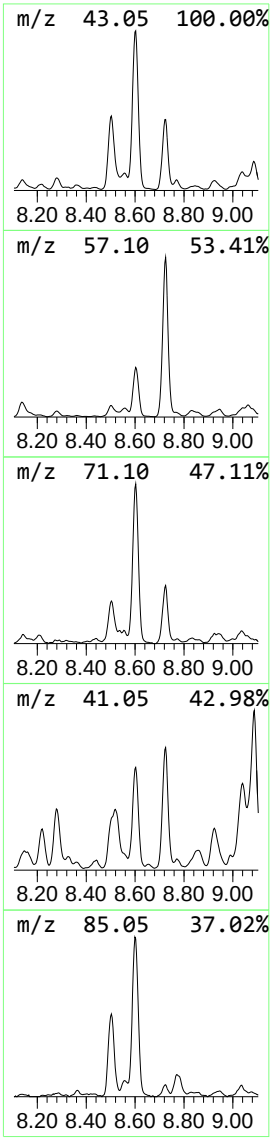
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.603	12.19 ug/L	404403	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	59
2	Octane	114	C8H18	000111-65-9	58
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
4	Octane	114	C8H18	000111-65-9	53
5	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

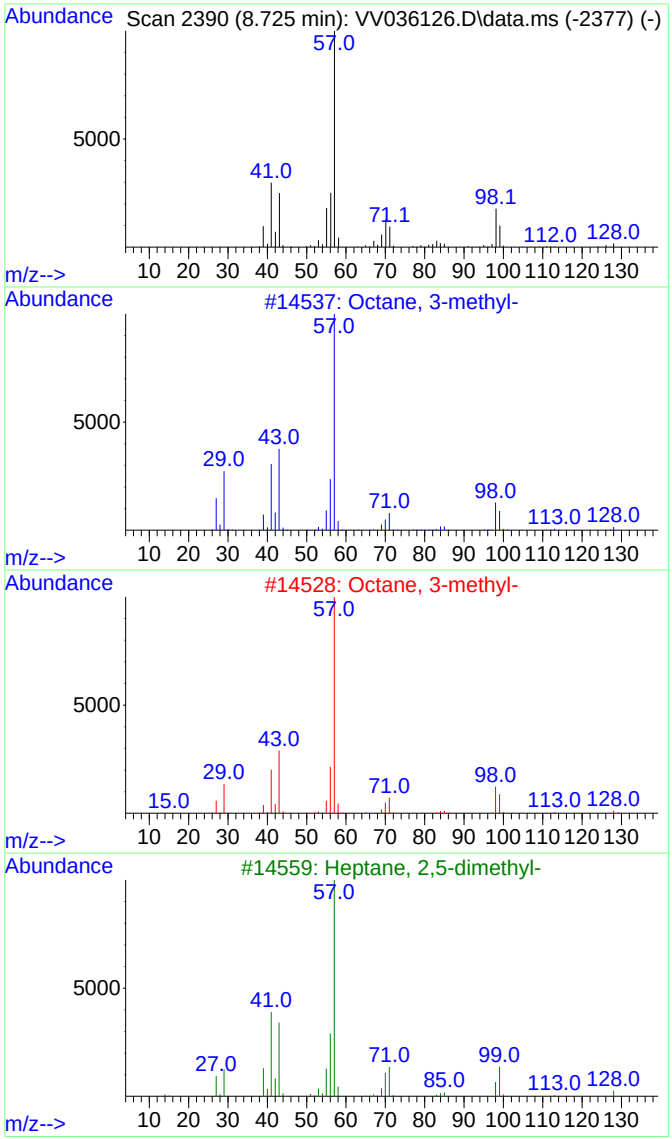
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

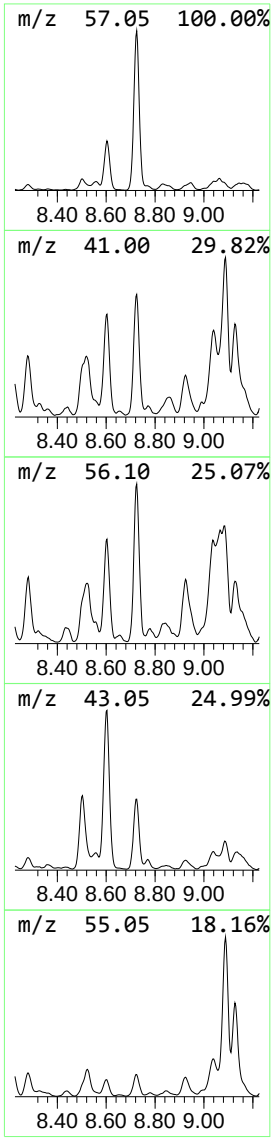
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	13.54 ug/L	449023	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

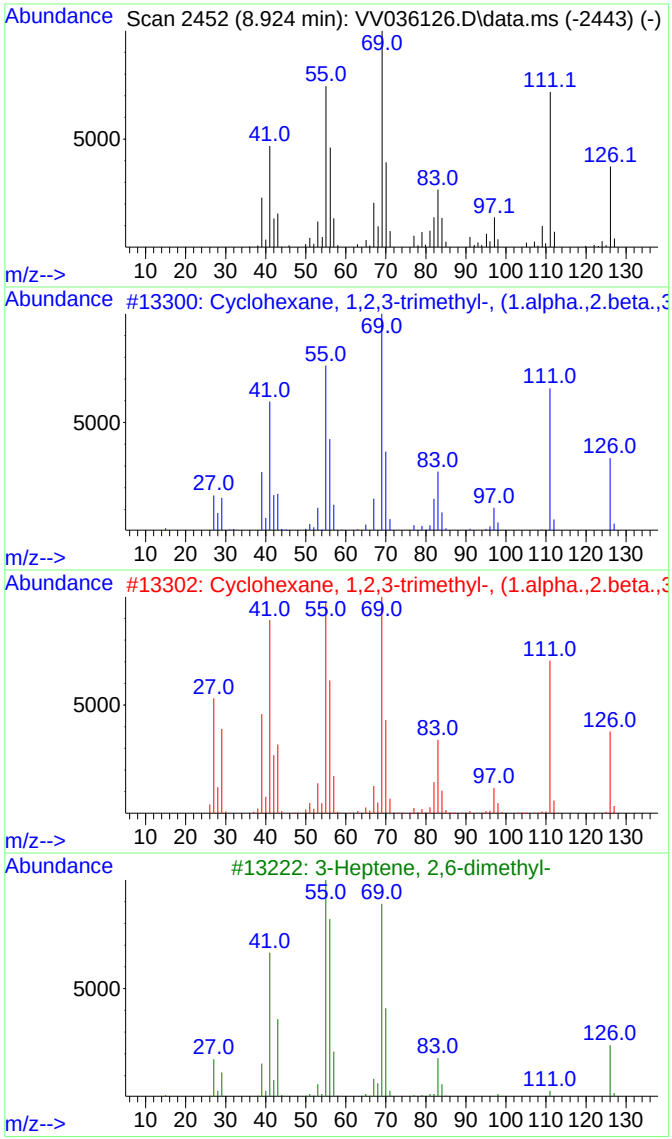
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

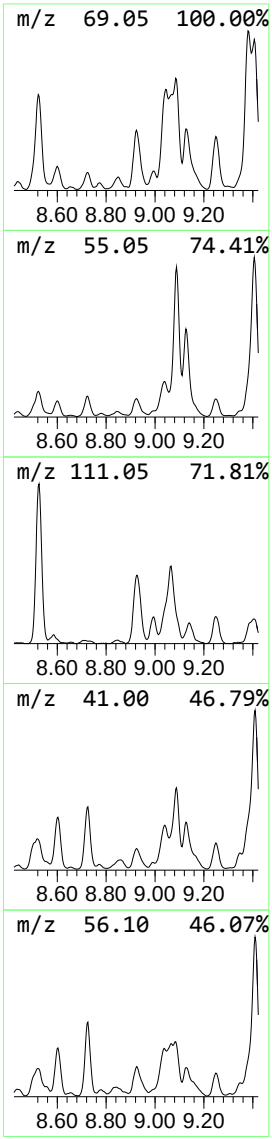
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic8.924 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.924	7.34 ug/L	243577	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	98
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	93
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	76
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	76
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

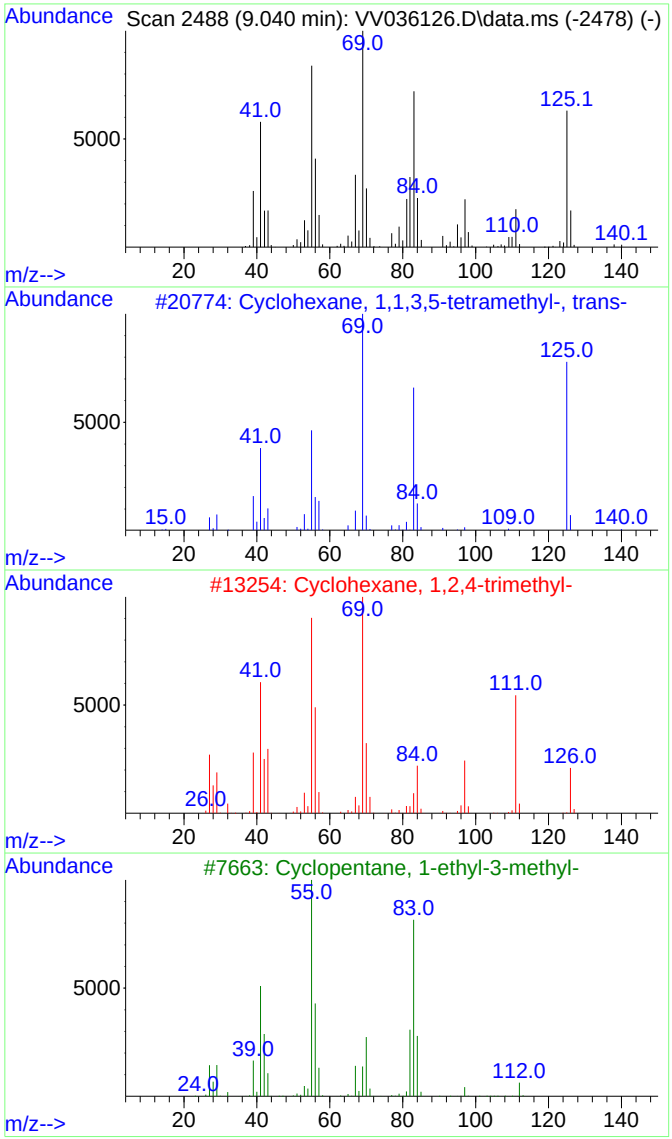
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

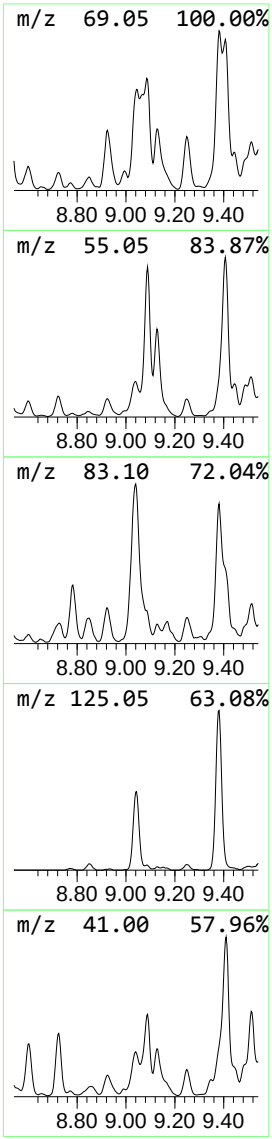
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.040 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	13.24 ug/L	439042	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	52
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	46
4	2-Methyl-2-octene	126	C9H18	016993-86-5	43
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

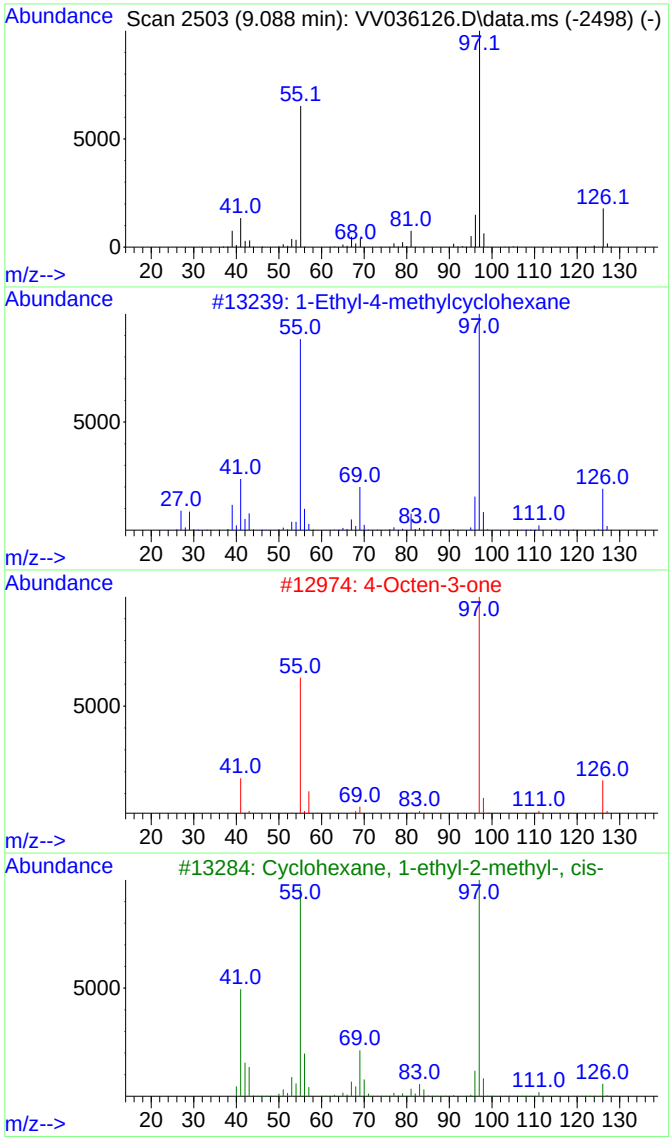
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

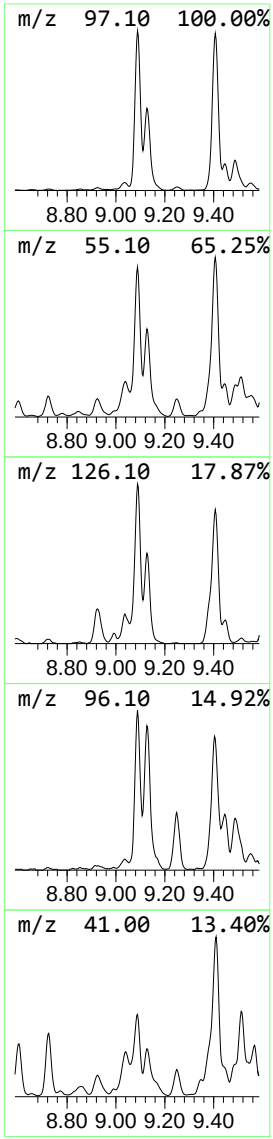
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic9.088 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.088	24.66 ug/L	817695	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2	4-Octen-3-one	126	C8H14O	014129-48-7	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

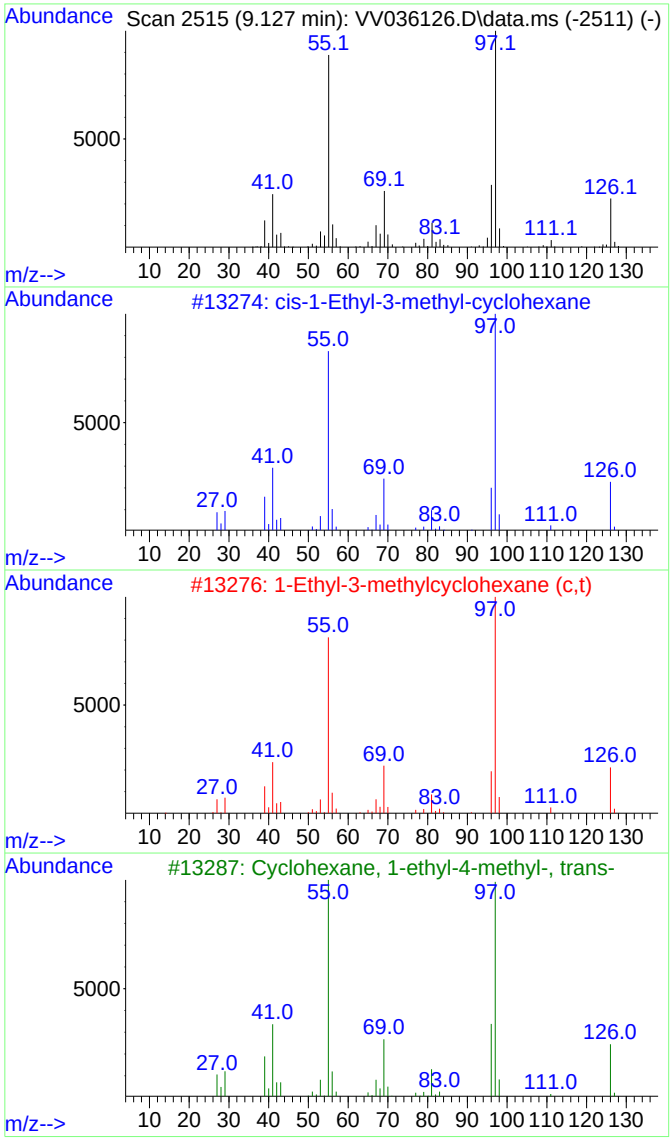
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

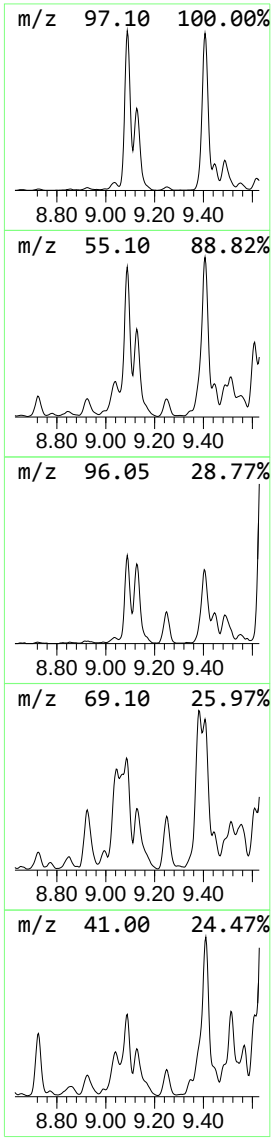
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.127 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	20.28 ug/L	672556	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	97
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	95
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	94
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

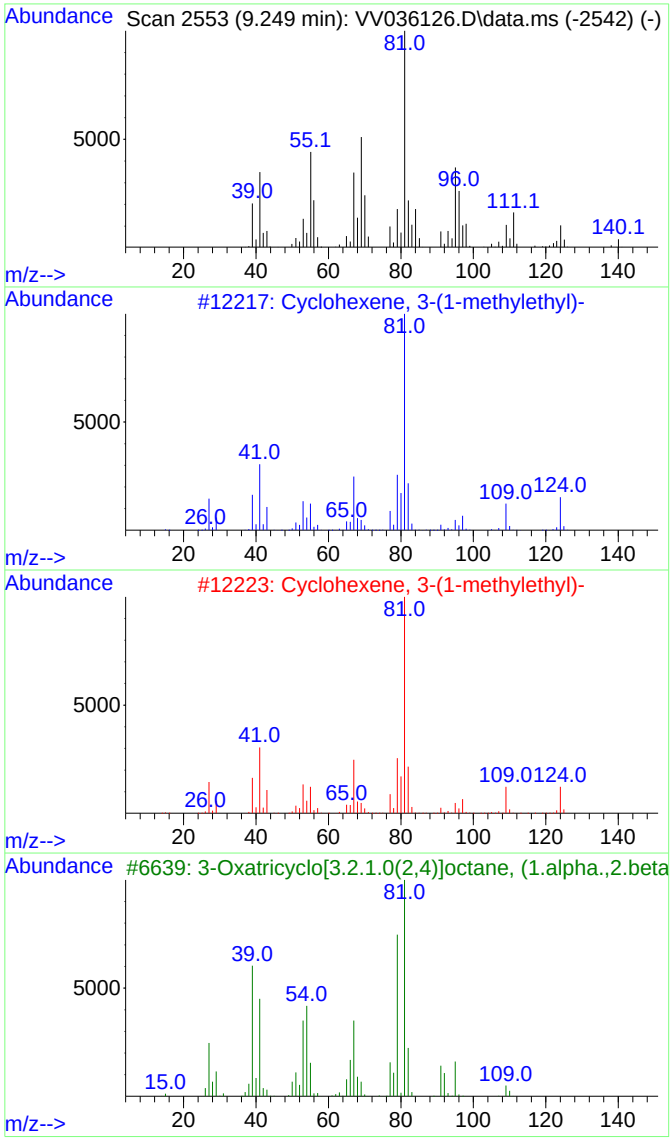
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

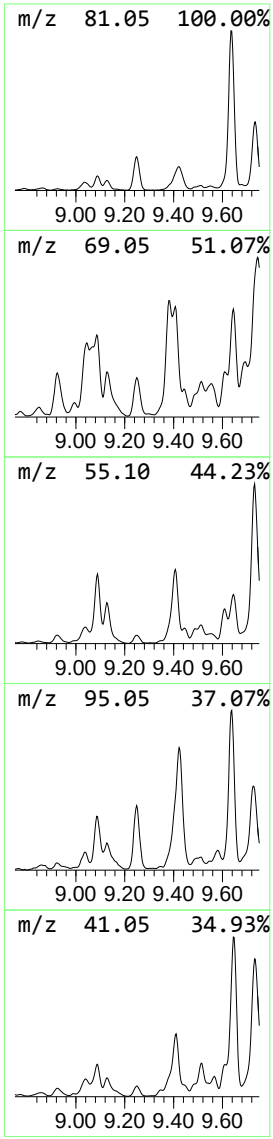
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	11.42 ug/L	378700	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	49
2	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	49
3	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	47
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

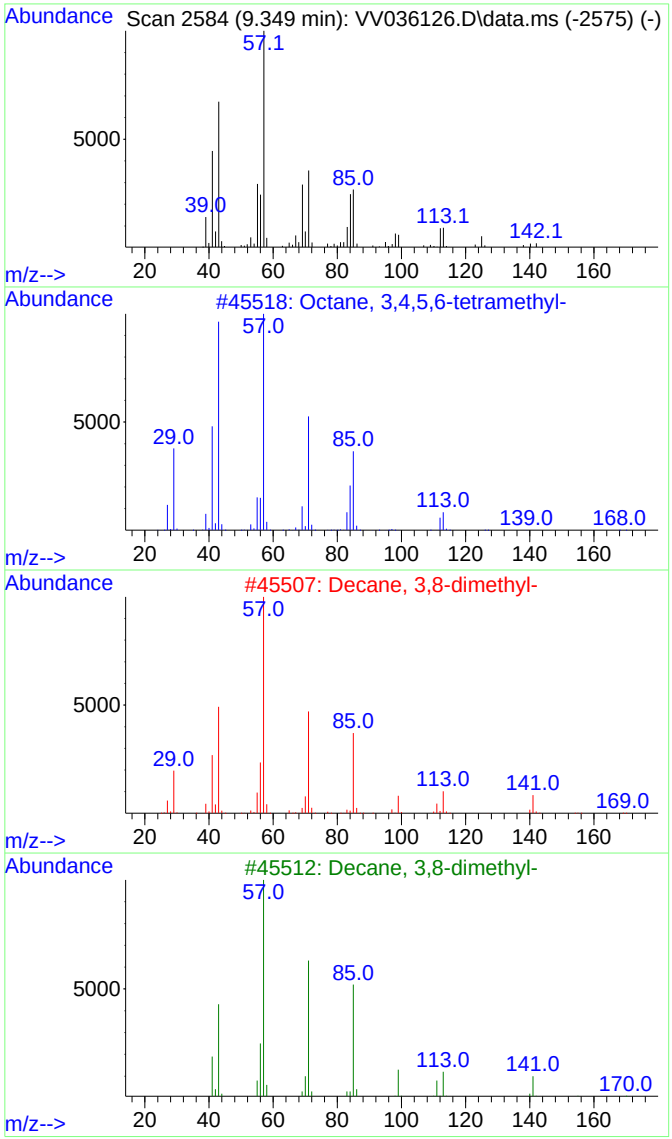
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

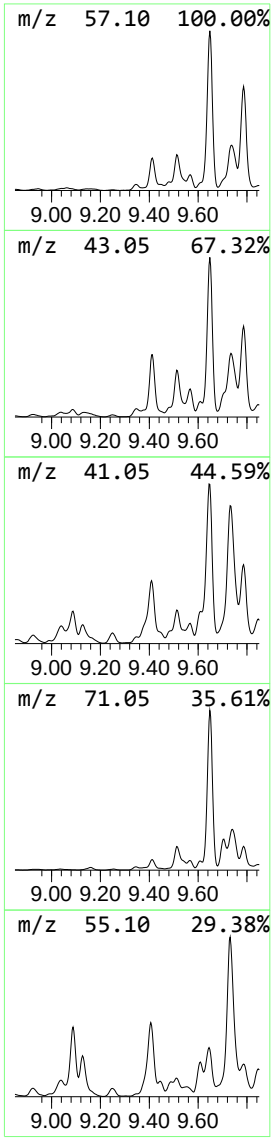
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.349	2.46 ug/L	81594	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	53
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

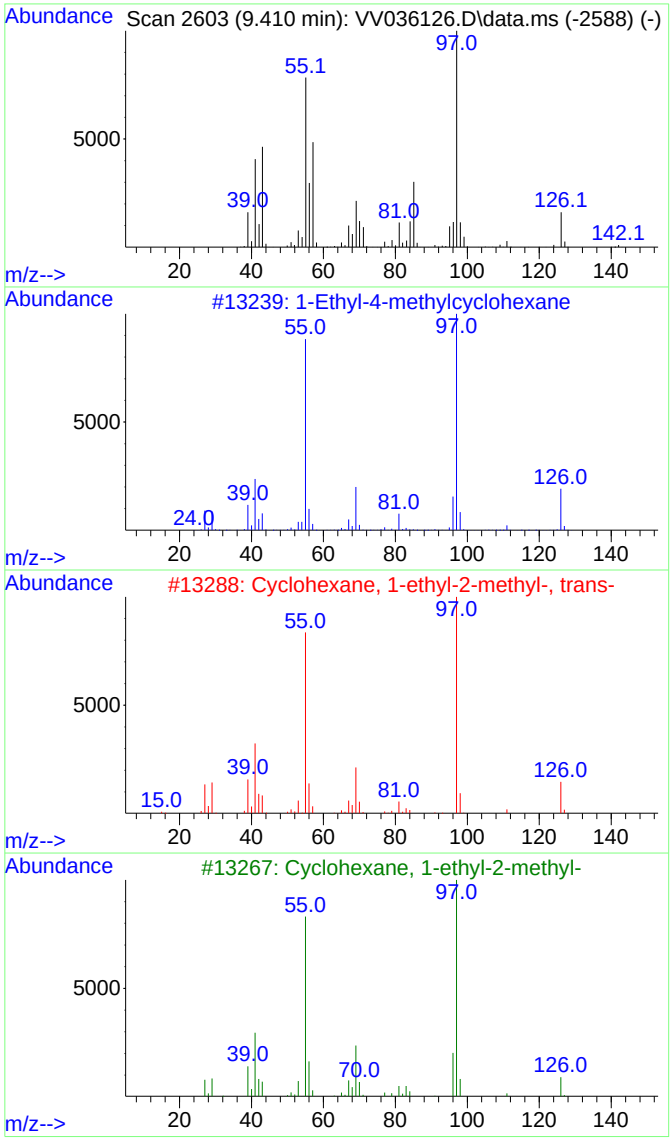
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

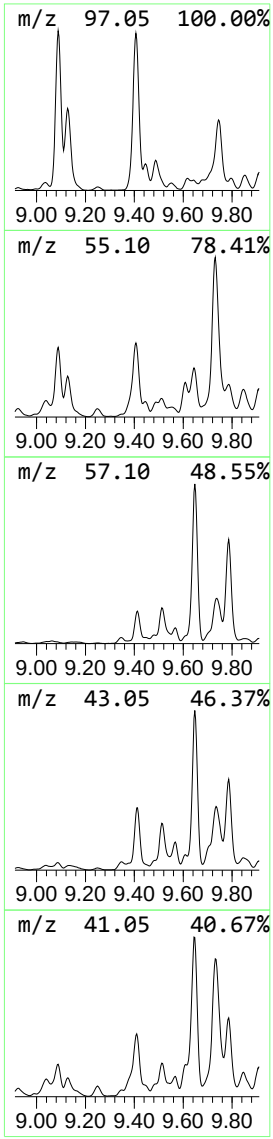
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic9.410 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	61.75 ug/L	2047780	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-2-methyl-, ...	126	C9H18	004923-78-8	64
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

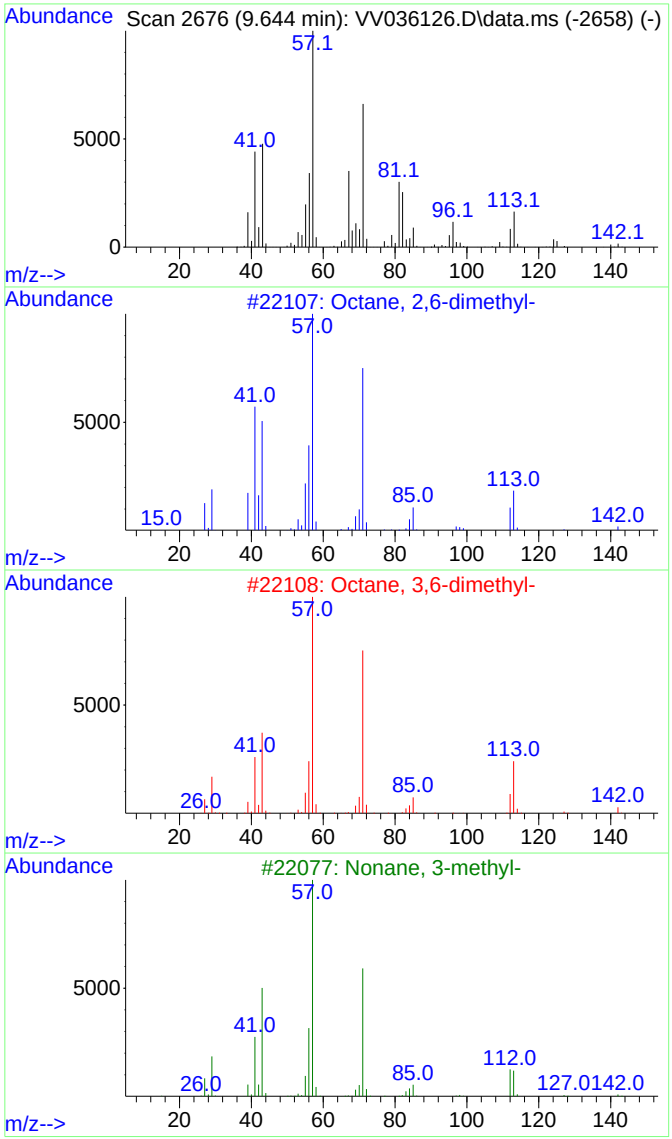
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

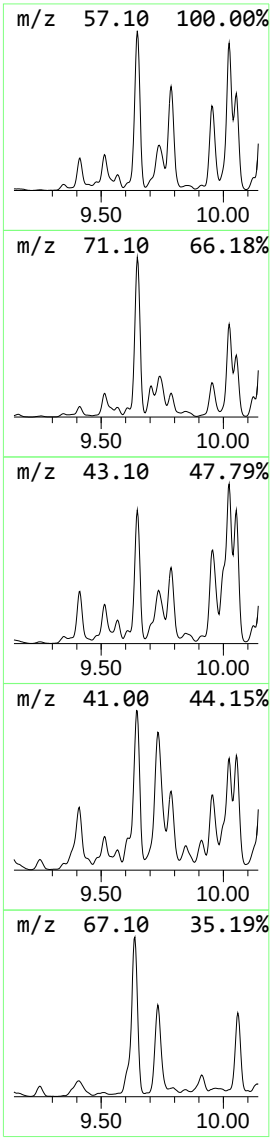
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.644	126.61 ug/L	4199170	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	60





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Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

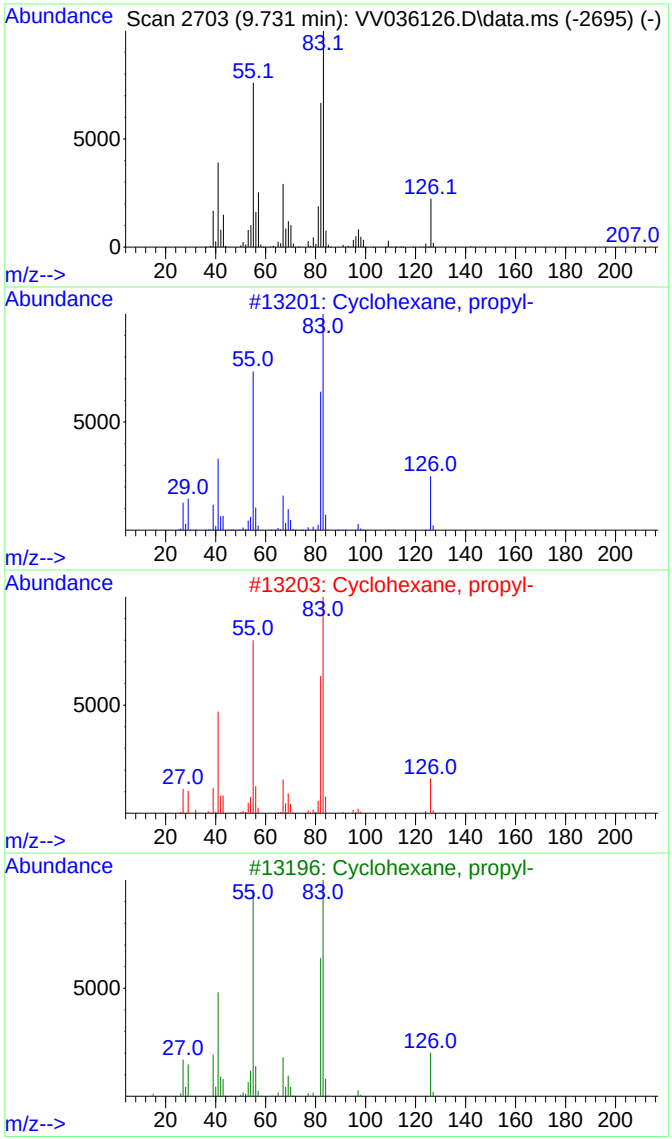
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

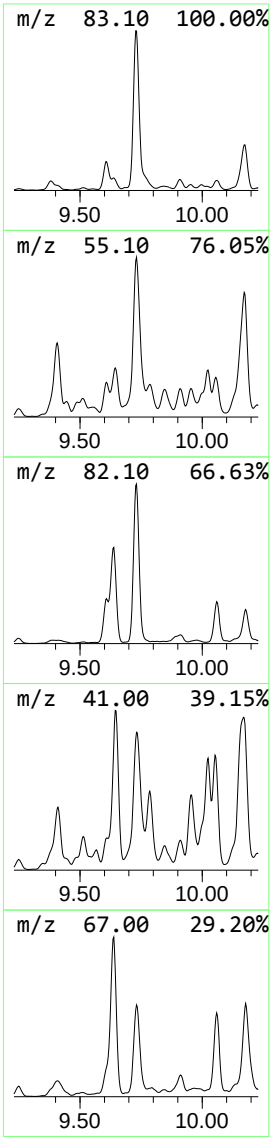
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic9.731 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	87.89 ug/L	2914980	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	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





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Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

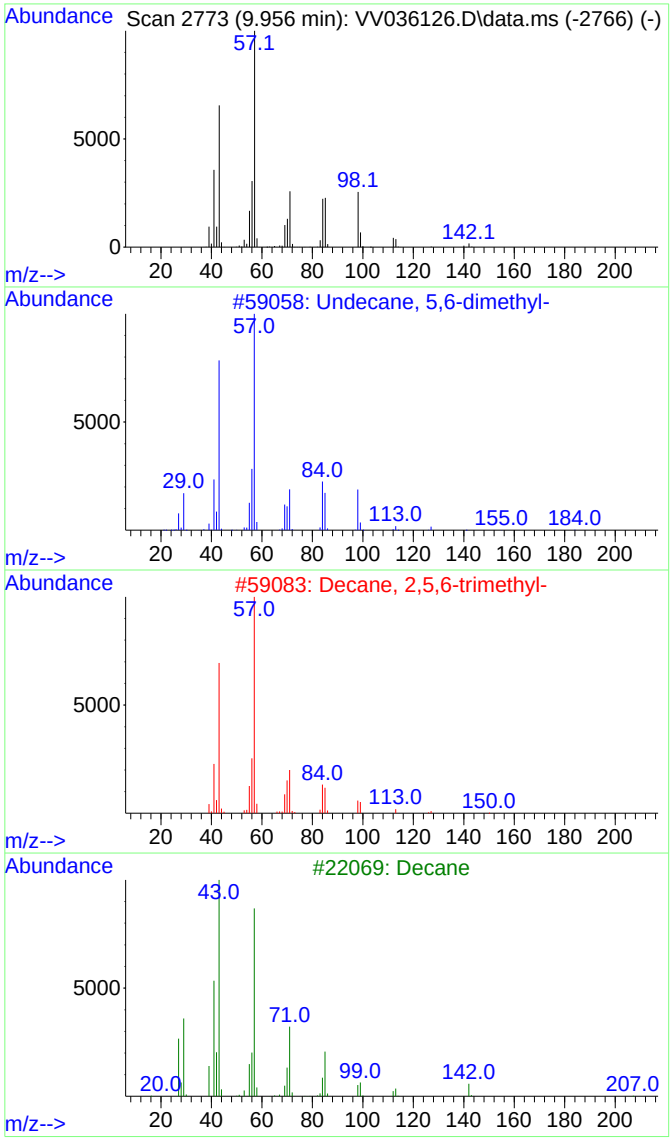
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

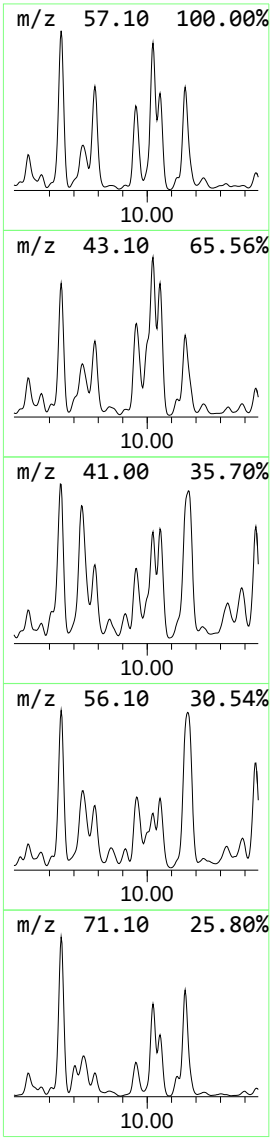
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.956	34.15 ug/L	1132500	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	78
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3	Decane	142	C10H22	000124-18-5	47
4	Nonane	128	C9H20	000111-84-2	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	46





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Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

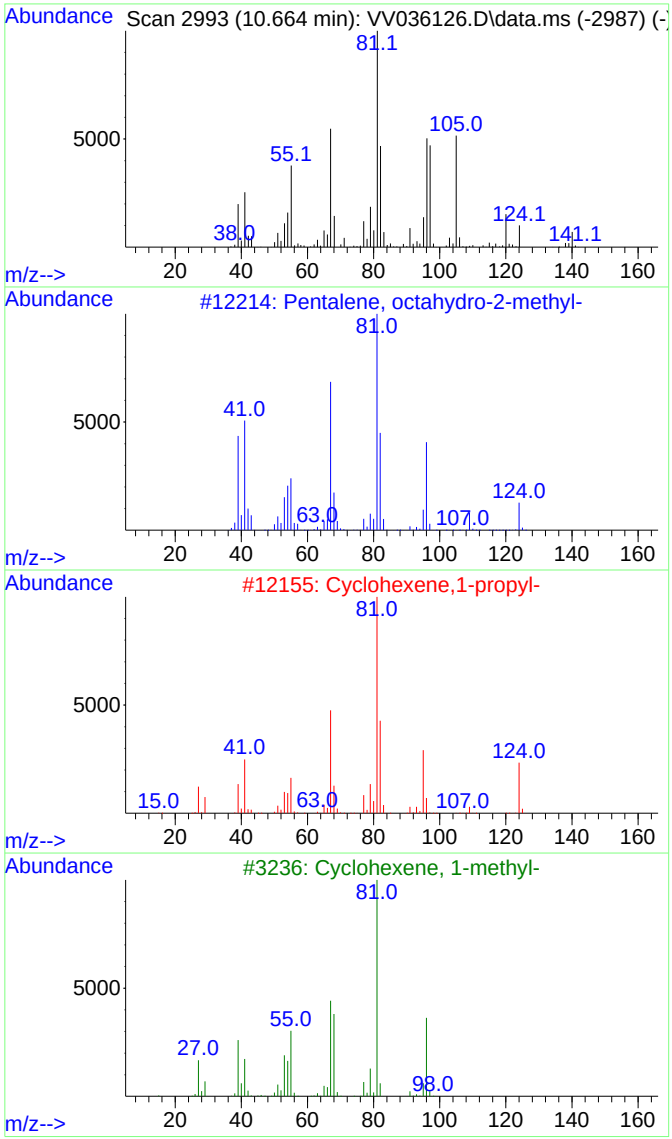
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

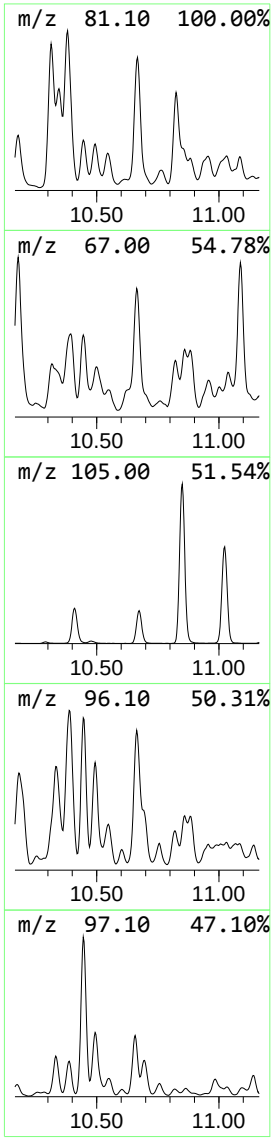
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pentalene, octahydro-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	18.53 ug/L	1053750	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	70
2	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	53
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	49
5	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

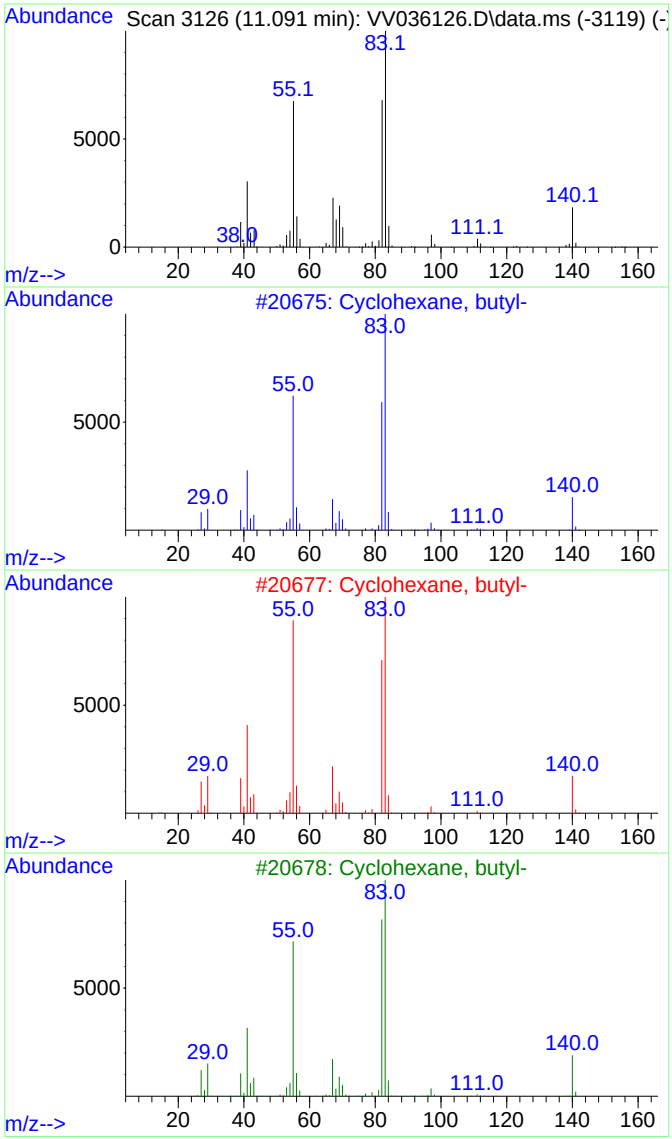
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

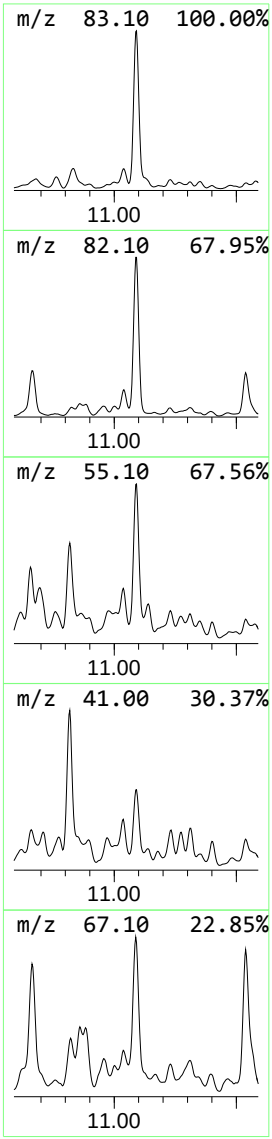
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.091 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	33.21 ug/L	1888390	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

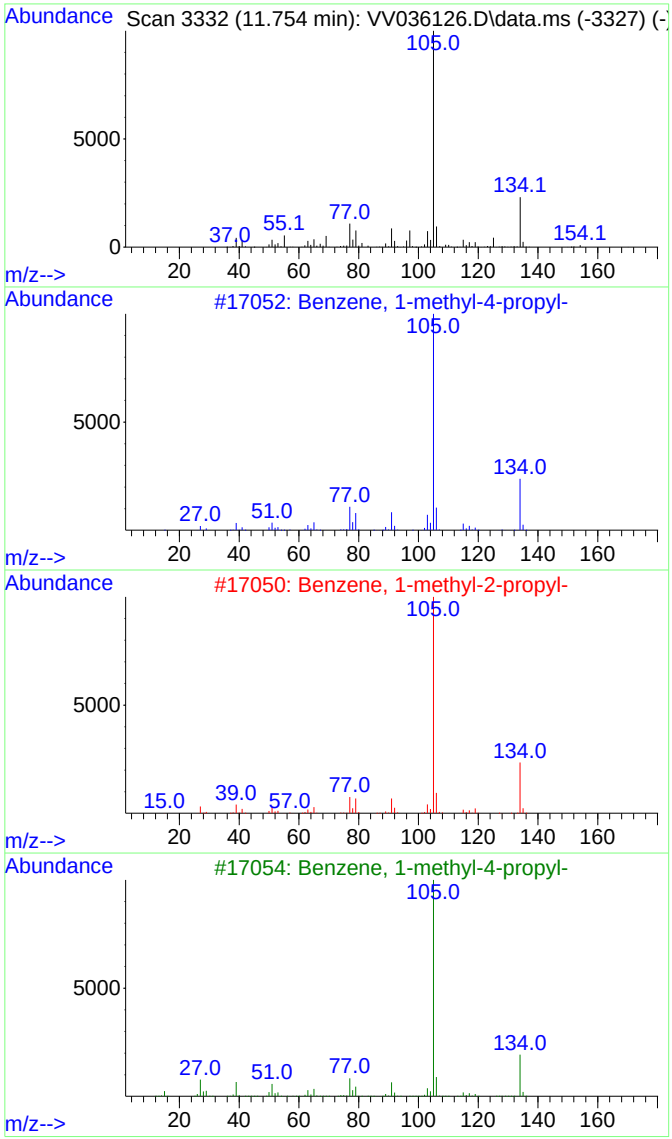
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

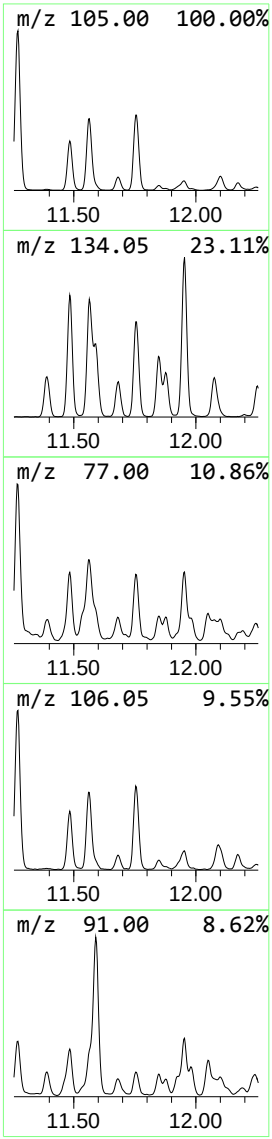
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.754	21.79 ug/L	1239060	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

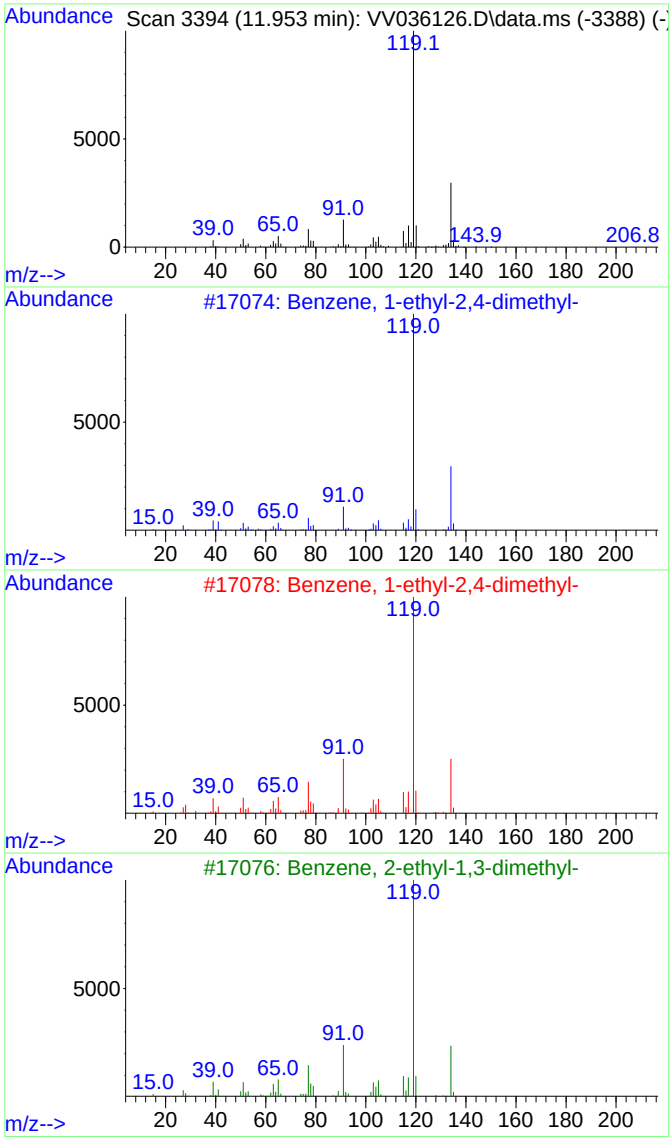
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

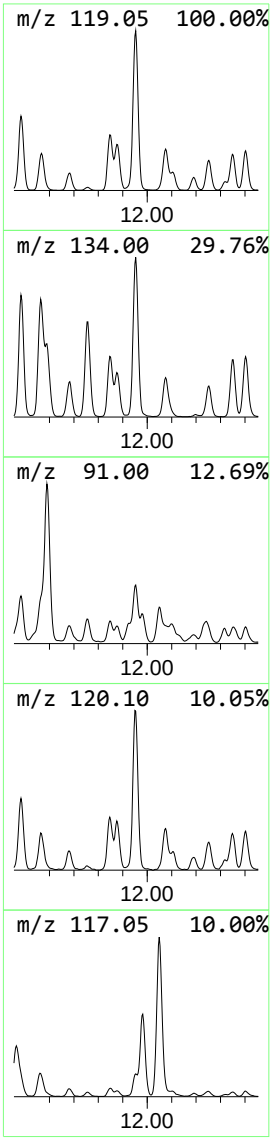
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.953	10.24 ug/L	582307	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

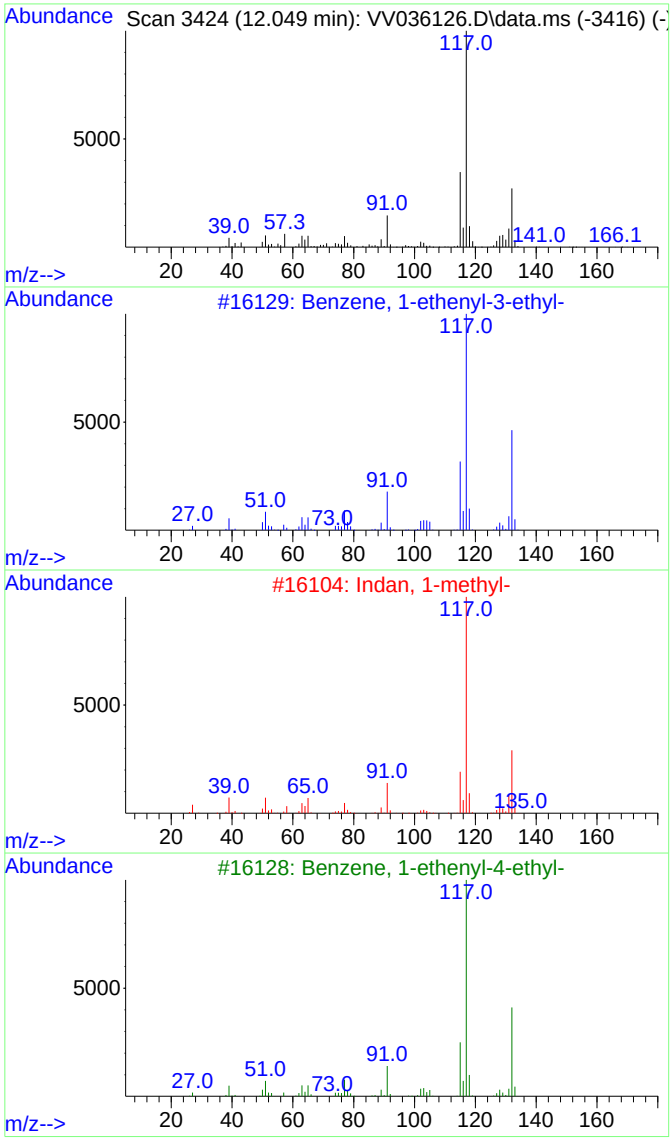
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

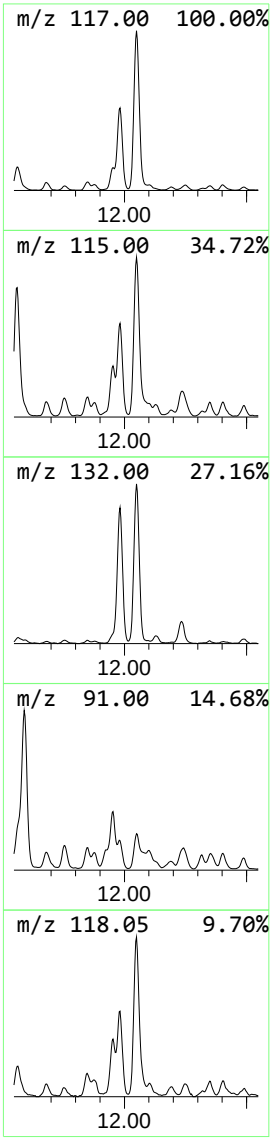
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.049	21.57 ug/L	1226300	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

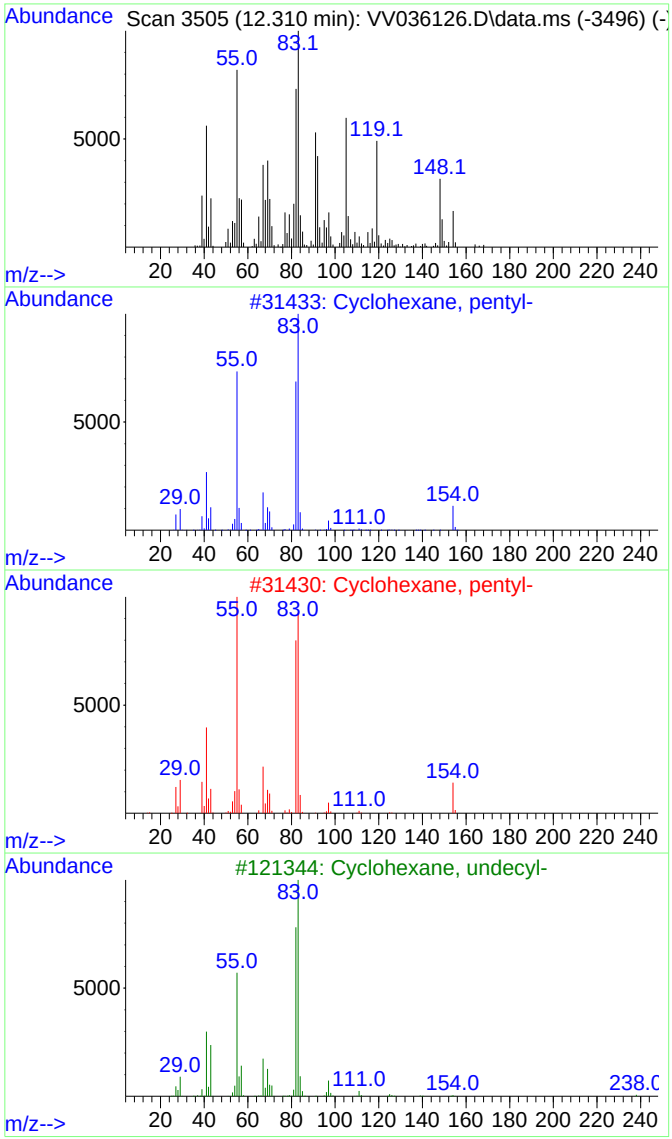
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

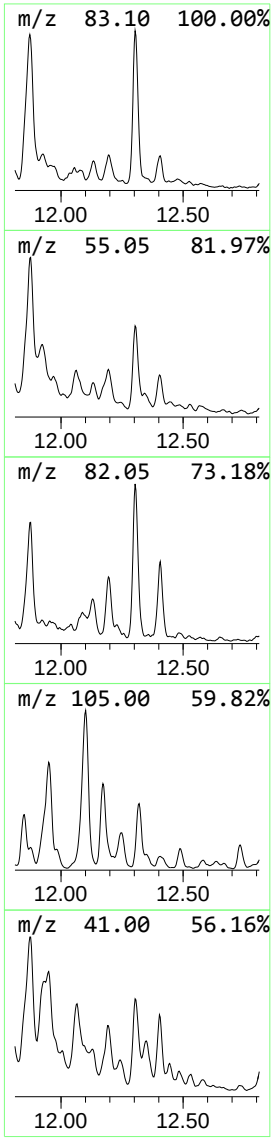
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic12.310 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	6.10 ug/L	346760	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43





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Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

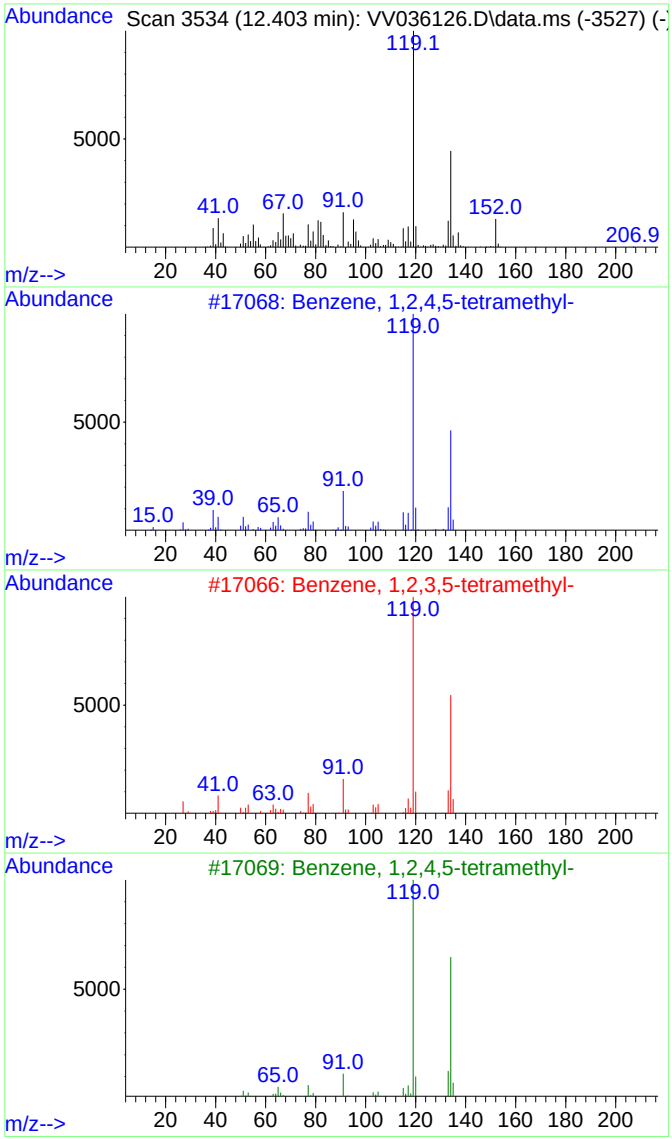
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

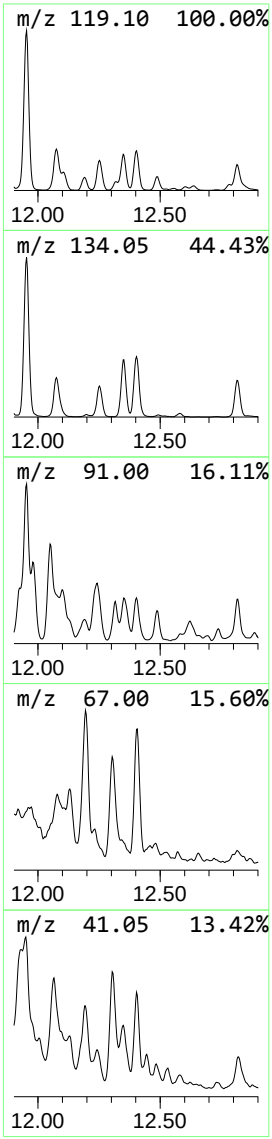
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	7.22 ug/L	410527	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





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Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

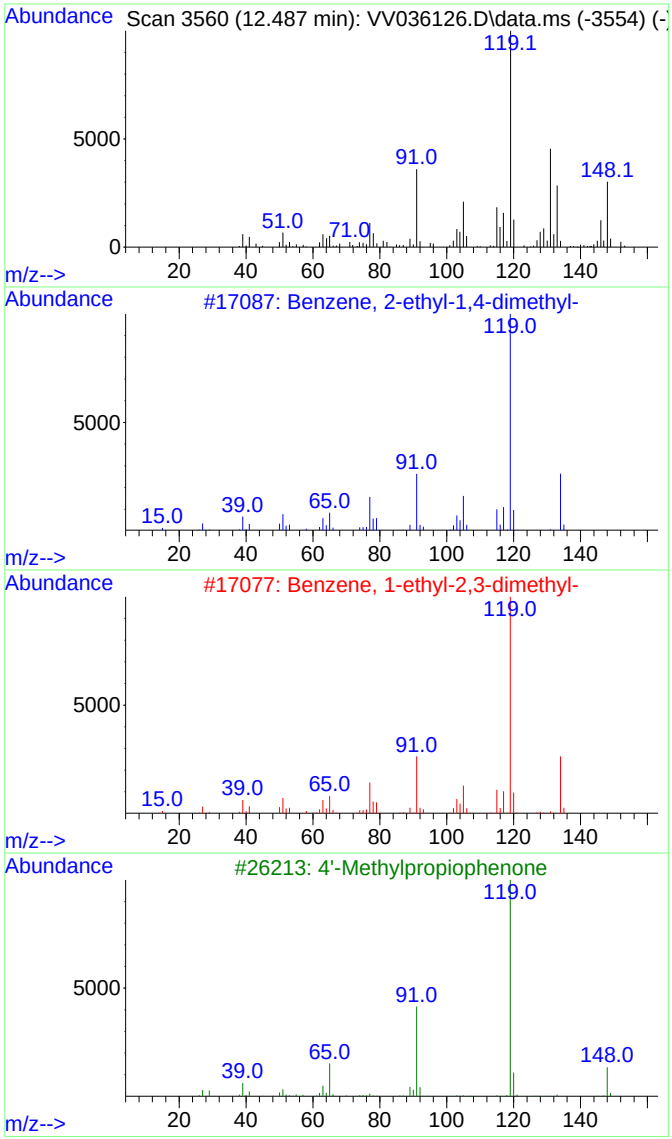
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

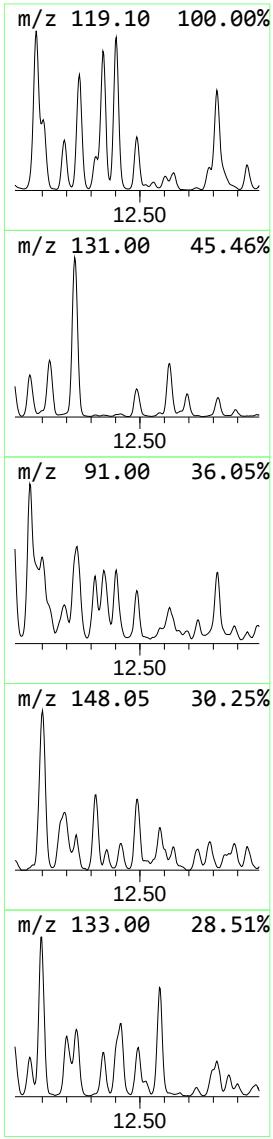
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.487	2.68 ug/L	152616	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	45
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

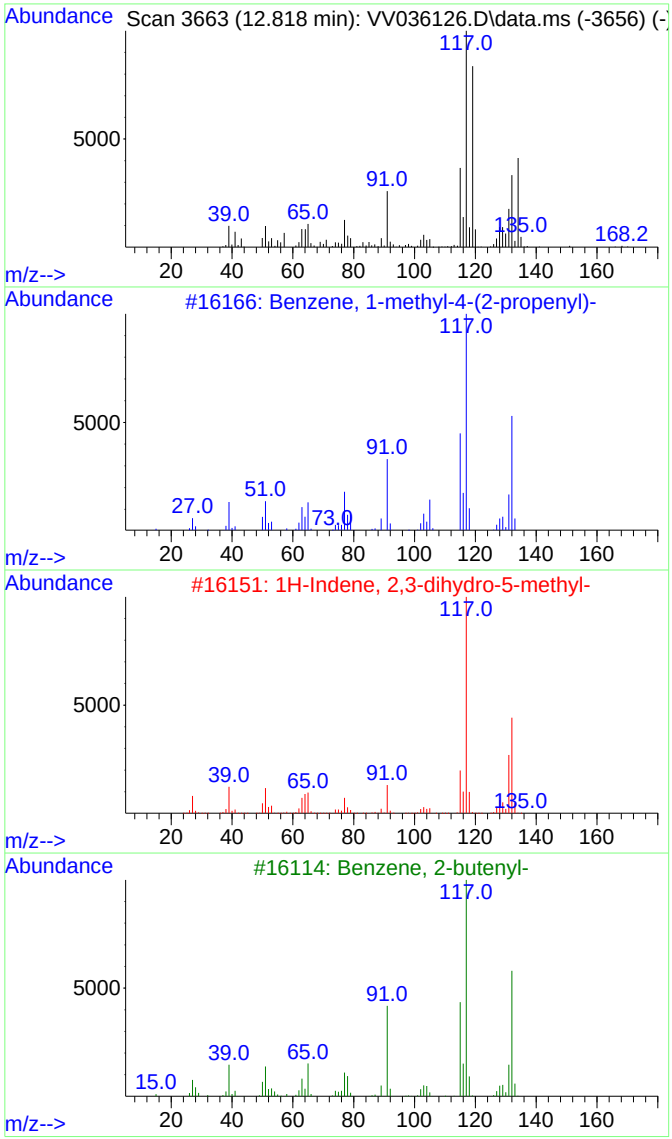
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

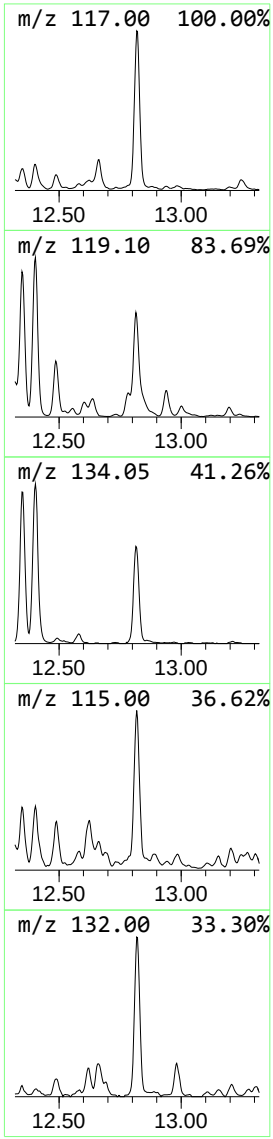
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-methyl-4-(2-prop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	6.46 ug/L	367074	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

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
2-Ethyl-oxetane	2.963	1.3	ug/L	29461	1	5.532	578258	25.0
(DEL) Alkane: C...	7.191	1.8	ug/L	61160	2	8.783	829126	25.0
(DEL) Alkane: C...	8.156	3.3	ug/L	110248	2	8.783	829126	25.0
(DEL) Alkane: C...	8.220	5.0	ug/L	166865	2	8.783	829126	25.0
(DEL) Alkane: C...	8.281	9.2	ug/L	304704	2	8.783	829126	25.0
(DEL) Alkane: S...	8.439	1.4	ug/L	44977	2	8.783	829126	25.0
(DEL) Alkane: C...	8.522	15.6	ug/L	516534	2	8.783	829126	25.0
(DEL) Alkane: S...	8.603	12.2	ug/L	404403	2	8.783	829126	25.0
(DEL) Alkane: S...	8.725	13.5	ug/L	449023	2	8.783	829126	25.0
(DEL) Alkane: C...	8.924	7.3	ug/L	243577	2	8.783	829126	25.0
(DEL) Alkane: C...	9.040	13.2	ug/L	439042	2	8.783	829126	25.0
(DEL) Alkane: C...	9.088	24.7	ug/L	817695	2	8.783	829126	25.0
(DEL) Alkane: C...	9.127	20.3	ug/L	672556	2	8.783	829126	25.0
unknown-01	9.249	11.4	ug/L	378700	2	8.783	829126	25.0
(DEL) Alkane: S...	9.349	2.5	ug/L	81594	2	8.783	829126	25.0
(DEL) Alkane: C...	9.410	61.8	ug/L	2047780	2	8.783	829126	25.0
(DEL) Alkane: S...	9.644	126.6	ug/L	4199170	2	8.783	829126	25.0
(DEL) Alkane: C...	9.731	87.9	ug/L	2914980	2	8.783	829126	25.0
(DEL) Alkane: S...	9.956	34.1	ug/L	1132500	2	8.783	829126	25.0
Pentalene, octa...	10.664	18.5	ug/L	1053750	3	11.185	1421550	25.0
(DEL) Alkane: C...	11.091	33.2	ug/L	1888390	3	11.185	1421550	25.0
Benzene, 1-meth...	11.754	21.8	ug/L	1239060	3	11.185	1421550	25.0
Benzene, 1-ethy...	11.953	10.2	ug/L	582307	3	11.185	1421550	25.0
Benzene, 1-ethe...	12.049	21.6	ug/L	1226300	3	11.185	1421550	25.0
(DEL) Alkane: C...	12.310	6.1	ug/L	346760	3	11.185	1421550	25.0
Benzene, 1,2,4,...	12.403	7.2	ug/L	410527	3	11.185	1421550	25.0
Benzene, 2-ethy...	12.487	2.7	ug/L	152616	3	11.185	1421550	25.0
Benzene, 1-meth...	12.818	6.5	ug/L	367074	3	11.185	1421550	25.0