LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DDC36ME

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\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.047	300	313	326	rBV2	837798	1341670	6.12%	0.332%
2	2.876	557	571	585	rBV	745668	1542598	7.04%	0.381%
3	3.600	783	796	815	rBV	1309393	3246767	14.81%	0.803%
4	4.240	975	995	1019	rBV	488075	1244687	5.68%	0.308%
5	4.944	1197	1214	1233	rBV2	1225123	3048888	13.91%	0.754%
6	5.040	1233	1244	1266	rVB2	300603	826714	3.77%	0.204%
7	5.526	1383	1395	1427	rBV	885174	1856948	8.47%	0.459%
8	5.886	1499	1507	1525	rBV	538121	1196877	5.46%	0.296%
9	5.979	1526	1536	1553	rVB	661505	1301931	5.94%	0.322%
10	6.905	1815	1824	1845	rVV	381809	734761	3.35%	0.182%
11	7.236	1916	1927	1946	rVV	1395869	2411269	11.00%	0.596%
12	7.548	2016	2024	2061	rVB2	261893	662298	3.02%	0.164%
13	8.021	2150	2171	2191	rBV2	602043	1306718	5.96%	0.323%
14	8.500	2308	2320	2333	rBV4	410432	1063564	4.85%	0.263%
15	8.596	2340	2350	2363	rVB2	1538773	2566010	11.71%	0.635%
16	8.719	2374	2388	2397	rBV	1466451	2381826	10.87%	0.589%
17	8.776	2397	2406	2417	rBV	1340856	2176916	9.93%	0.538%
18	8.940	2441	2457	2467	rBV2	286985	686528	3.13%	0.170%
19	9.030	2468	2485	2489	rVV3	624012	1295929	5.91%	0.320%
20	9.069	2489	2497	2508	rVV2	1453381	3388407	15.46%	0.838%
21	9.133	2508	2517	2542	rVB	5763951	9073506	41.39%	2.244%
22	9.403	2586	2601	2617	rVV5	1223674	2507838	11.44%	0.620%
23	9.509	2628	2634	2646	rVB	602334	967484	4.41%	0.239%
24	9.641	2667	2675	2685	rVV2	2557713	3990581	18.20%	0.987%
25	9.731	2686	2703	2712	rVV5	2026222	4607703	21.02%	1.139%
26	9.780	2712	2718	2729	rVV	1358418	2200287	10.04%	0.544%
27	9.860	2730	2743	2750	rVV2	924023	1724162	7.87%	0.426%
28	9.905	2751	2757	2763	rVV3	470119	684111	3.12%	0.169%
29	9.950	2763	2771	2778	rVV3	967303	1557946	7.11%	0.385%
30	10.017	2779	2792	2797	rVV2	2509775	5050237	23.04%	1.249%
31	10.050	2797	2802	2814	rVB	3251115	4532215	20.67%	1.121%
32	10.149	2816	2833	2849	rBV4	4067162	8082089	36.87%	1.999%
33	10.281	2863	2874	2882	rBV	1994811	3322743	15.16%	0.822%
34	10.378	2894	2904	2918	rBV	7063617	14703048	67.07%	3.636%
35	10.442	2918	2924	2926	rVV	2079696	2557175	11.67%	0.632%
36	10.471	2927	2933	2939	rVV	5238586	8108745	36.99%	2.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

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\SFAMVLM082624WMA.M
Title : VOC Analysis

37	10.513	2939	2946	2965	rVB	8908794	13828683	63.08%	3.420%
38	10.667	2967	2994	3001	rBV2	1894275	4396540	20.06%	1.087%
39	10.706	3002	3006	3014	rVB3	806131	1030941	4.70%	0.255%
40	10.770	3018	3026	3031	rBV4	774954	1096949	5.00%	0.271%
41	10.812	3031	3039	3042	rBV	2978658	3750448	17.11%	0.927%
42	10.844	3043	3049	3061	rVB	9960210	14172370	64.65%	3.505%
43	10.966	3077	3087	3095	rBV6	1186507	2600645	11.86%	0.643%
44	11.088	3117	3125	3130	rBV4	1654797	2562199	11.69%	0.634%
45	11.124	3131	3136	3144	rVV2	2285820	3566776	16.27%	0.882%
46	11.175	3146	3152	3160	rVV2	2440385	3745247	17.08%	0.926%
47	11.230	3161	3169	3174	rVV2	2176158	3465811	15.81%	0.857%
48	11.268	3174	3181	3188	rVV2	5316644	8131751	37.09%	2.011%
49	11.307	3188	3193	3202	rVB	2364979	3131186	14.28%	0.774%
50	11.397	3214	3221	3232	rVB2	2536126	3658803	16.69%	0.905%
51	11.477	3233	3246	3250	rVV4	2654157	4804546	21.92%	1.188%
52	11.506	3251	3255	3262	rVV	3131884	4392760	20.04%	1.086%
53	11.567	3263	3274	3289	rVB6	5134921	12376259	56.46%	3.060%
54	11.677	3299	3308	3314	rBV2	1354272	2302674	10.50%	0.569%
55	11.725	3315	3323	3327	rBV	3335695	4679844	21.35%	1.157%
56	11.844	3351	3360	3364	rBV	3764228	5538919	25.27%	1.370%
57	11.873	3365	3369	3377	rVB	4051296	5128410	23.39%	1.268%
58	11.947	3378	3392	3411	rVB2	3310419	6734455	30.72%	1.665%
59	12.046	3412	3423	3429	rBV3	966230	2236854	10.20%	0.553%
60	12.191	3455	3468	3475	rBV8	1089257	2308007	10.53%	0.571%
61	12.246	3477	3485	3494	rVB2	1691074	2883795	13.16%	0.713%
62	12.307	3494	3504	3510	rBV5	1519944	2797769	12.76%	0.692%
63	12.345	3511	3516	3524	rVB4	1405217	1962911	8.95%	0.485%
64	12.397	3524	3532	3540	rBV	3061263	4276716	19.51%	1.058%
65	12.484	3551	3559	3566	rBV2	1577866	2312739	10.55%	0.572%
66	12.728	3626	3635	3643	rBV4	1200346	1953394	8.91%	0.483%
67	12.779	3643	3651	3654	rVV2	1273128	1925493	8.78%	0.476%
68	12.812	3655	3661	3672	rVV3	2633797	5512972	25.15%	1.363%
69	12.869	3673	3679	3688	rVV3	2162186	3767223	17.19%	0.932%
70	12.918	3688	3694	3704	rVV2	896435	1651681	7.53%	0.408%
71	12.976	3705	3712	3720	rVV3	922238	1687310	7.70%	0.417%
72	13.024	3721	3727	3740	rVB2	1119773	1759989	8.03%	0.435%
73	13.114	3741	3755	3772	rVB6	1142723	3024125	13.80%	0.748%
74	13.204	3772	3783	3797	rBV5	2590654	5024085	22.92%	1.242%
75	13.316	3808	3818	3823	rBV	9029636	13163125	60.05%	3.255%
76	13.355	3823	3830	3847	rVB5	10851008	21921576	100.00%	5.421%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

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\SFAMVLM082624WMA.M
Title : VOC Analysis

77	13.474	3862	3867	3877	rVB3	548508	708069	3.23%	0.175%
78	13.551	3880	3891	3898	rBV4	1993829	3309550	15.10%	0.818%
79	13.677	3920	3930	3942	rVB4	1265349	3016602	13.76%	0.746%
80	13.750	3943	3953	3963	rBV3	2112899	3306713	15.08%	0.818%
81	13.821	3966	3975	3989	rBV5	1102522	2238577	10.21%	0.554%
82	13.905	3991	4001	4010	rBV	13030370	18763767	85.59%	4.640%
83	13.959	4010	4018	4027	rVB	3632877	5370220	24.50%	1.328%
84	14.033	4027	4041	4048	rBV5	1440642	3181352	14.51%	0.787%
85	14.072	4049	4053	4062	rVB2	705259	959329	4.38%	0.237%
86	14.130	4062	4071	4079	rBV	4304298	6429792	29.33%	1.590%
87	14.207	4089	4095	4110	rVB3	1514402	2500663	11.41%	0.618%
88	14.561	4191	4205	4213	rBV	3182816	6273964	28.62%	1.551%
89	14.599	4213	4217	4234	rVB5	1151261	2031848	9.27%	0.502%
90	14.696	4240	4247	4254	rBV4	588135	936122	4.27%	0.231%
91	14.744	4255	4262	4277	rVB2	1668827	2764785	12.61%	0.684%
92	15.484	4485	4492	4499	rBV	624245	888458	4.05%	0.220%
93	15.596	4518	4527	4546	rVB	1781560	3246223	14.81%	0.803%
94	15.741	4564	4572	4575	rBV	1984813	2671470	12.19%	0.661%
95	15.773	4575	4582	4595	rVB4	5147902	9063291	41.34%	2.241%
96	16.213	4709	4719	4731	rVB	7439144	10903919	49.74%	2.696%
97	16.284	4733	4741	4756	rVB4	992175	1718718	7.84%	0.425%
98	16.541	4814	4821	4835	rVB4	809548	1411636	6.44%	0.349%
99	16.667	4850	4860	4866	rBV3	1022858	1773820	8.09%	0.439%
100	16.853	4908	4918	4928	rVV	5143602	7709380	35.17%	1.906%

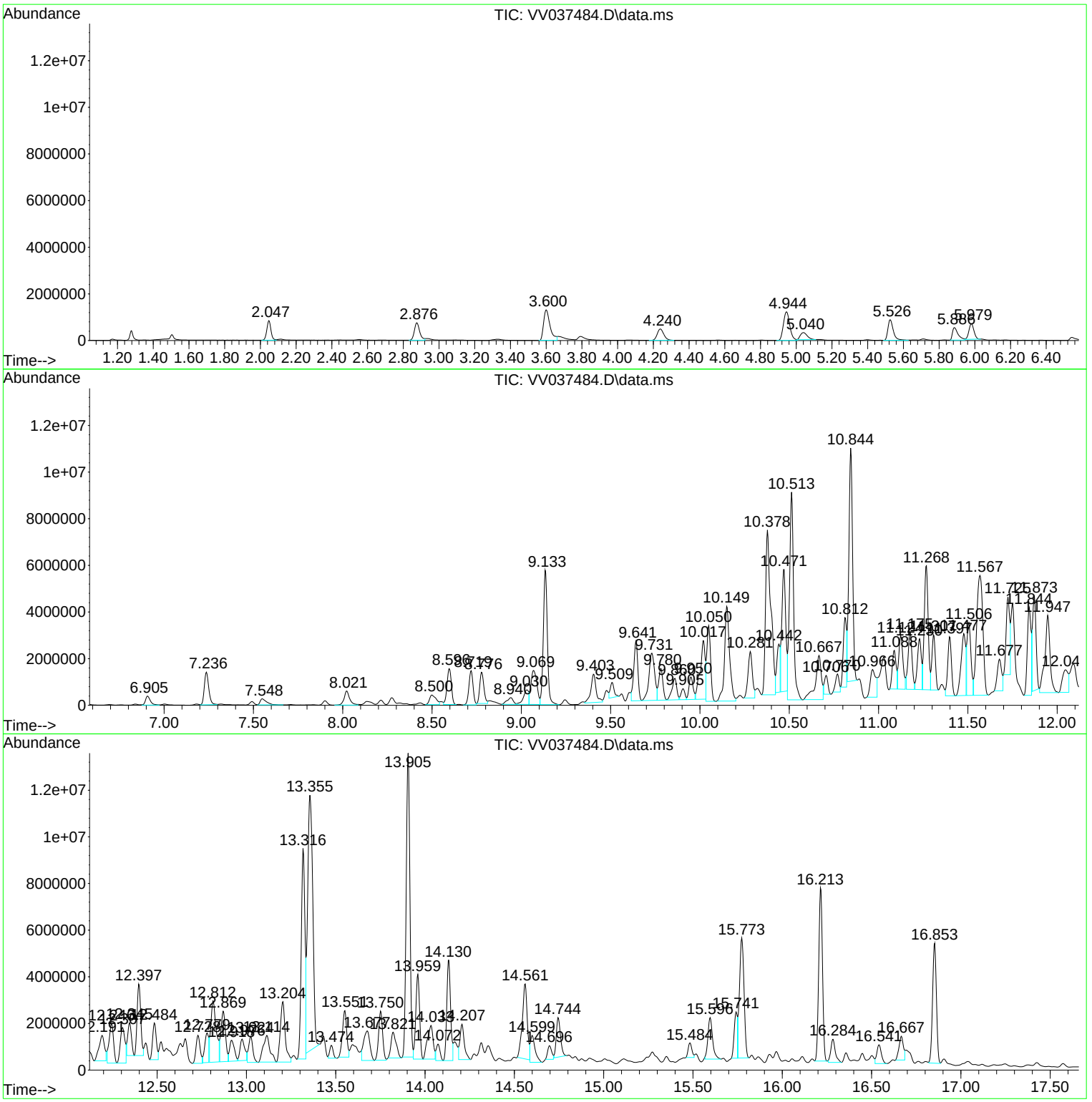
Sum of corrected areas: 404395424

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

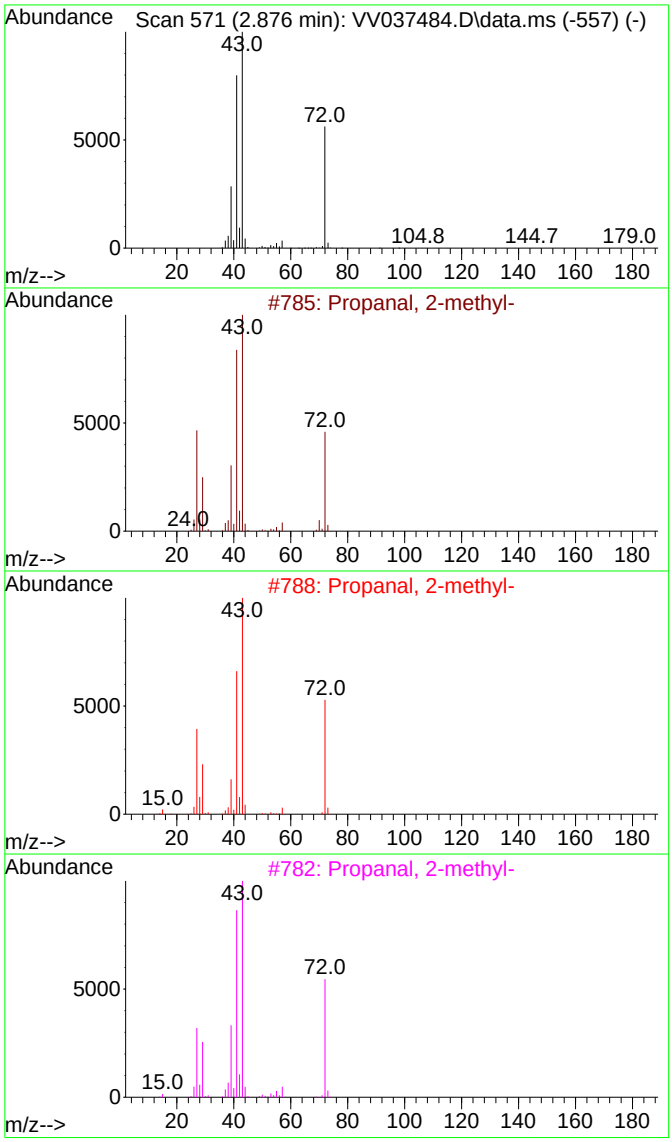
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

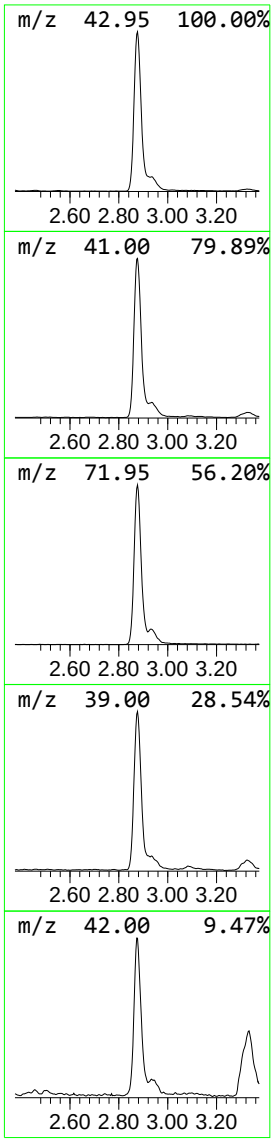
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanal, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.876	41.54 ug/L	1542600	1,4-Difluorobenzene	5.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	78
5	Isobutylene epoxide	72	C4H8O	000558-30-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

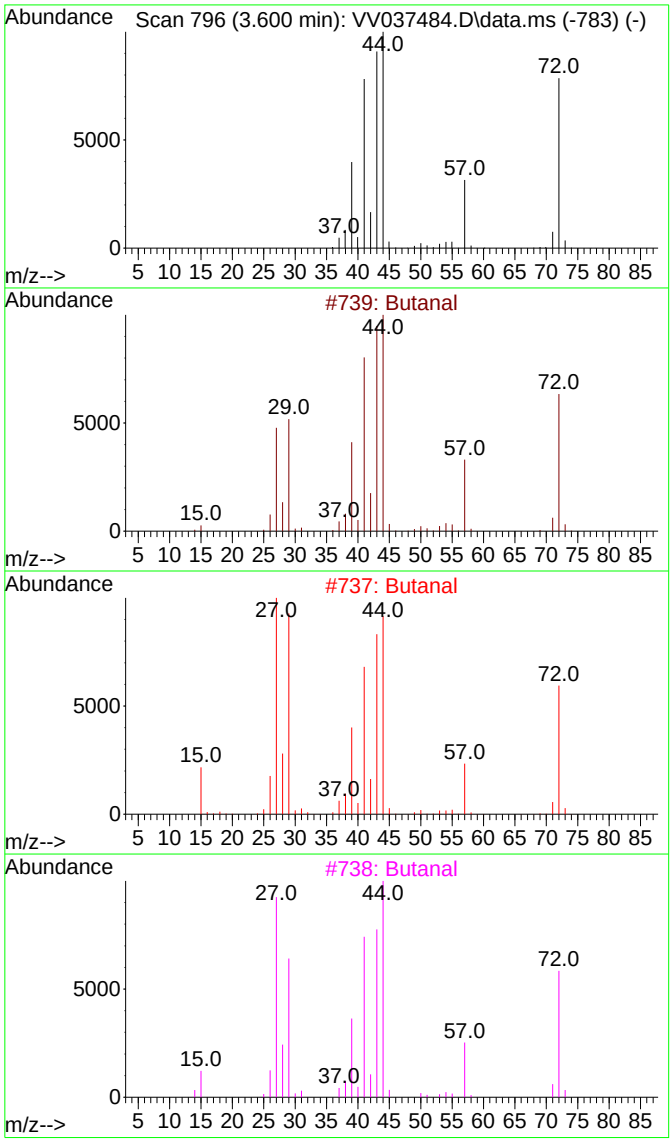
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

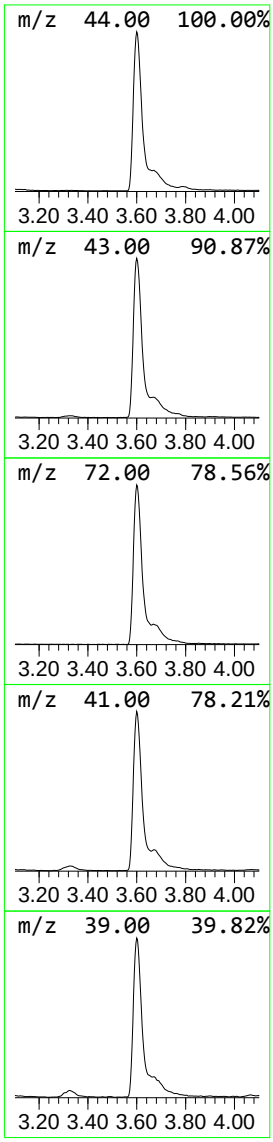
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.600	87.42 ug/L	3246770	1,4-Difluorobenzene	5.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	83
4	Butanal	72	C4H8O	000123-72-8	83
5	Butanal	72	C4H8O	000123-72-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

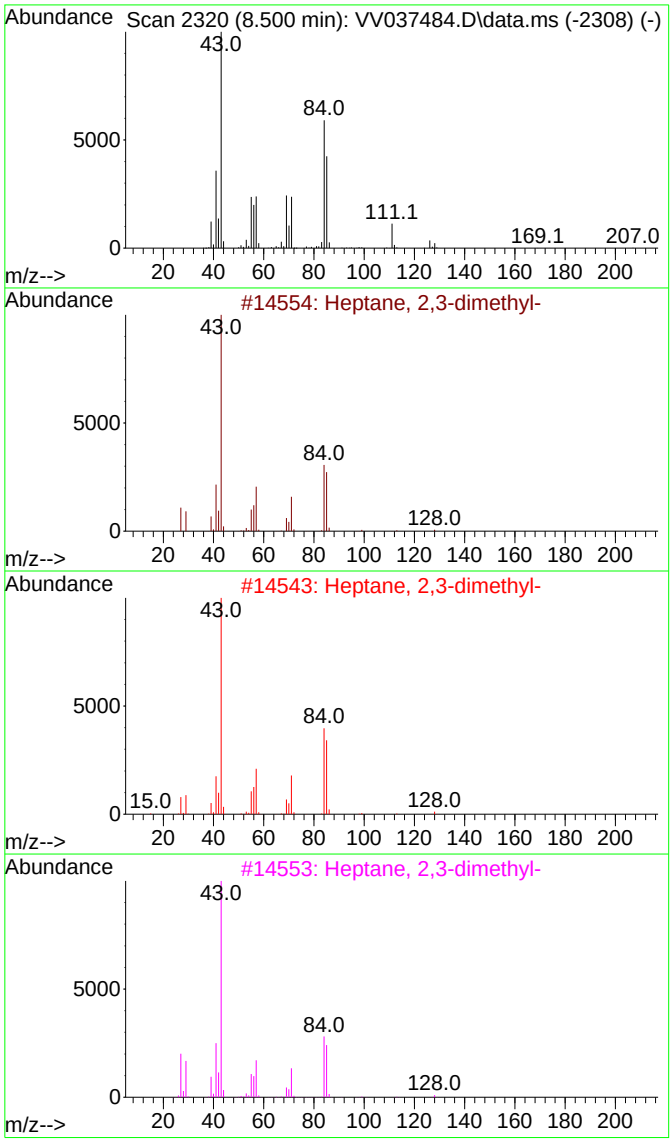
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

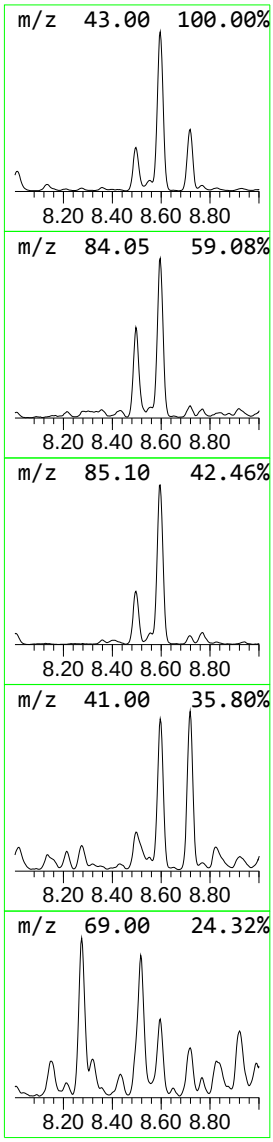
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.500	24.43 ug/L	1063560	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	78
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4	1-Octene, 4-methyl-	126	C9H18	013151-12-7	62
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

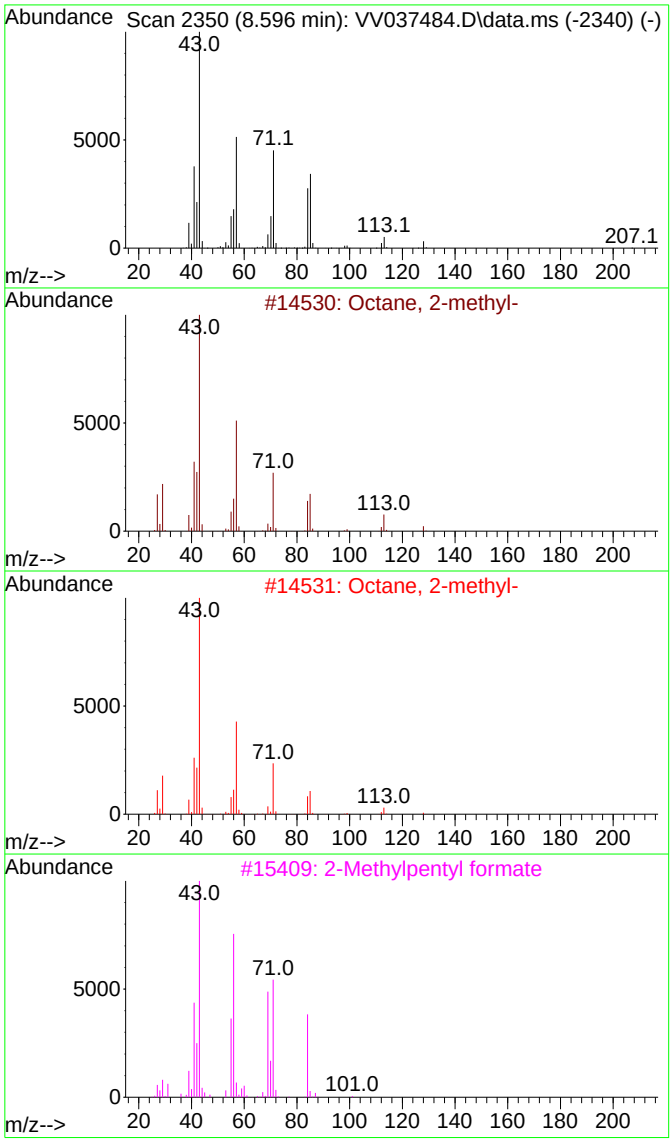
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

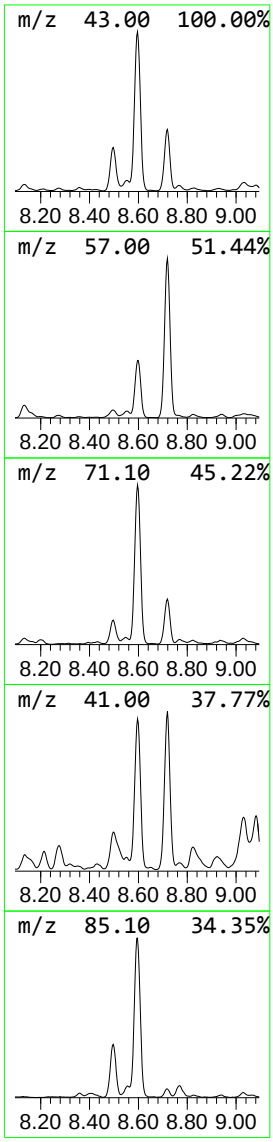
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.596	58.94 ug/L	2566010	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	80
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	2-Methylpentyl formate	130	C7H14O2	381670-34-4	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	53
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

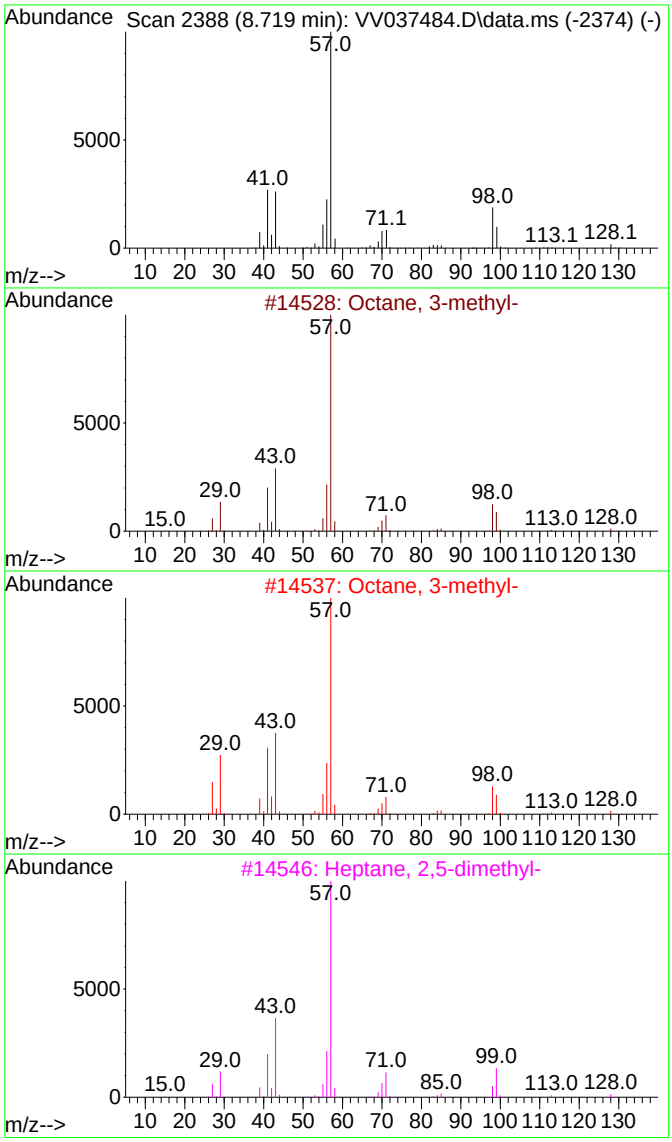
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

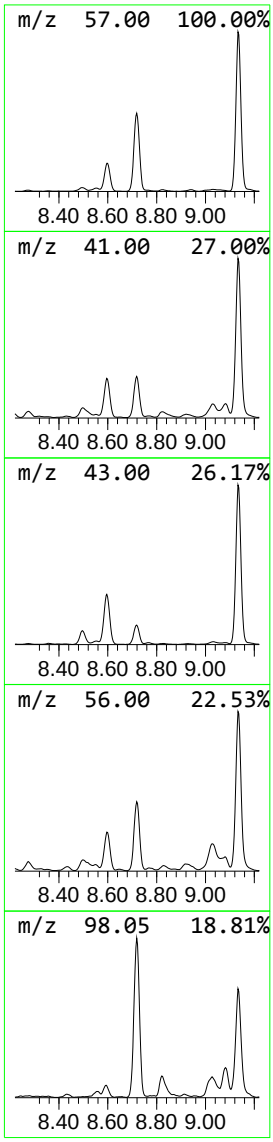
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.719	54.71 ug/L	2381830	Chlorobenzene-d5	8.780

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	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
5	Octane, 3-methyl-	128	C9H20	002216-33-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

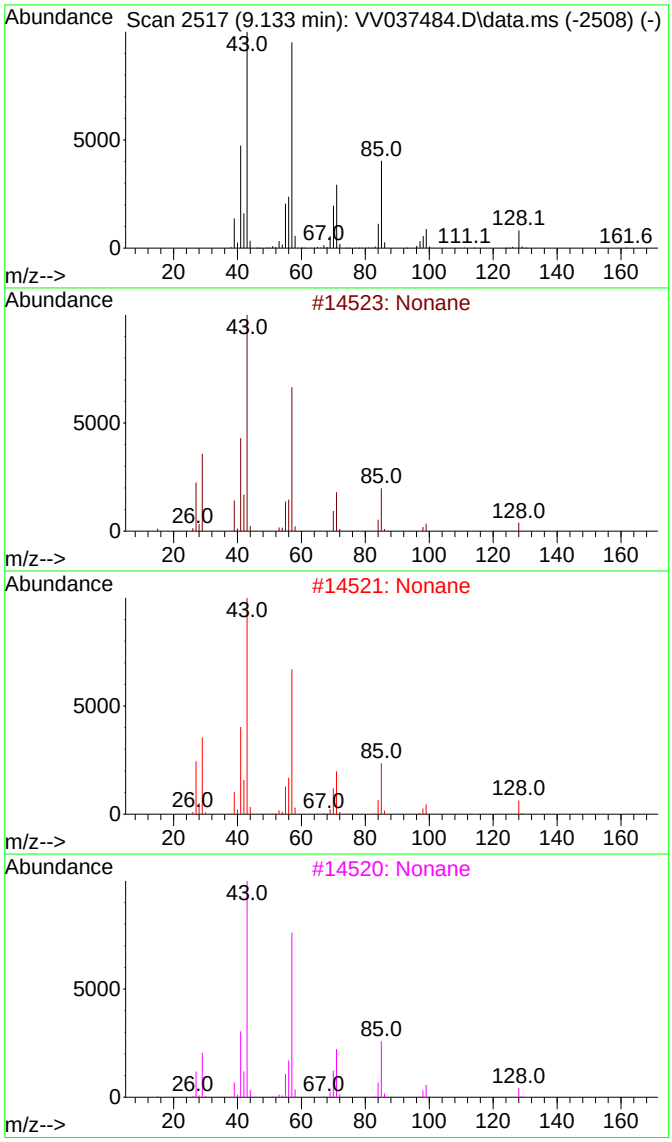
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

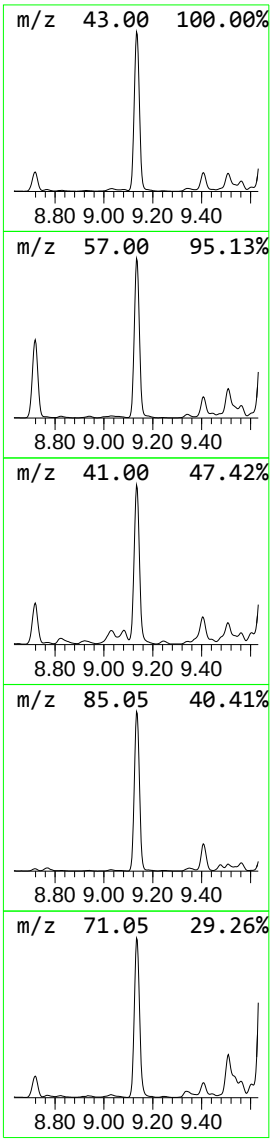
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	208.40 ug/L	9073510	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	95
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	87
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

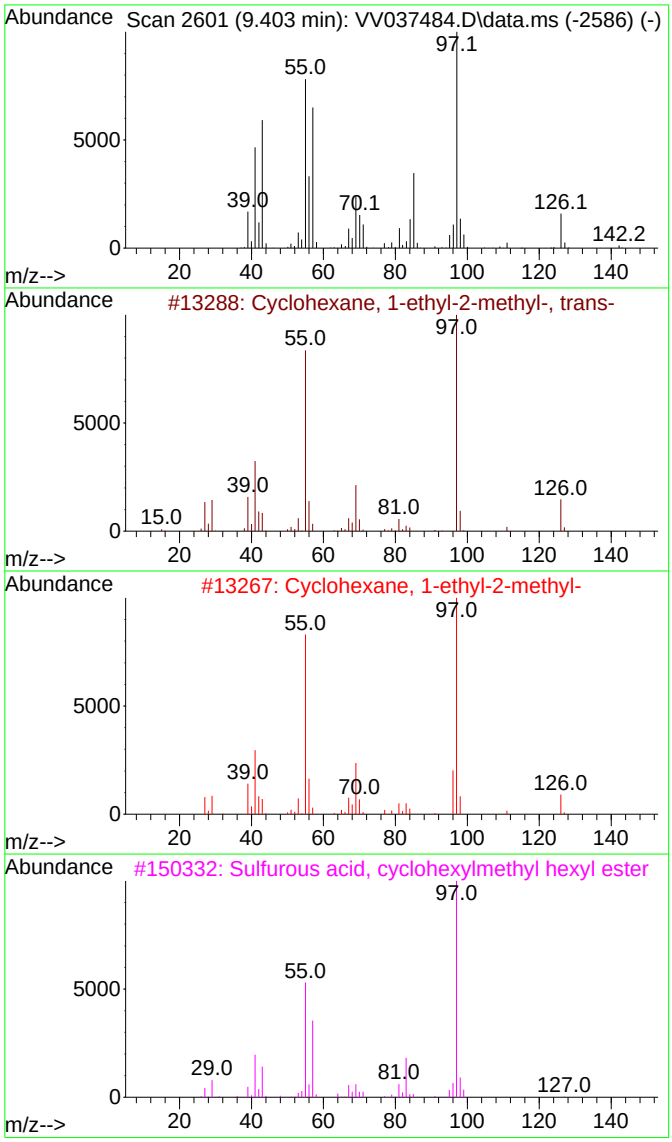
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

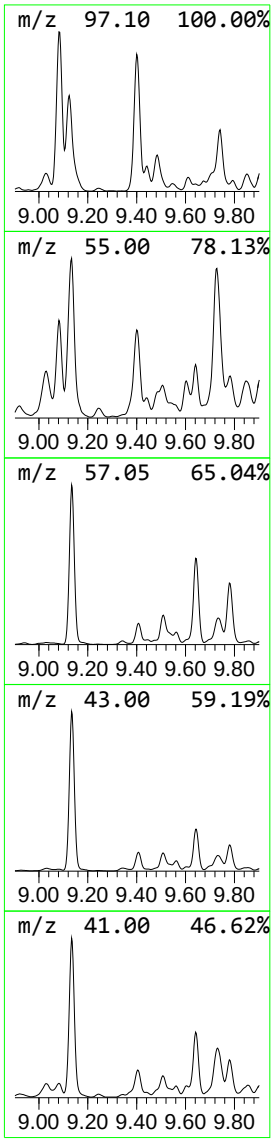
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.403 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.403	57.60 ug/L	2507840	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	70
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	62
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	58
4	4-Octen-3-one	126	C8H14O	014129-48-7	52
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

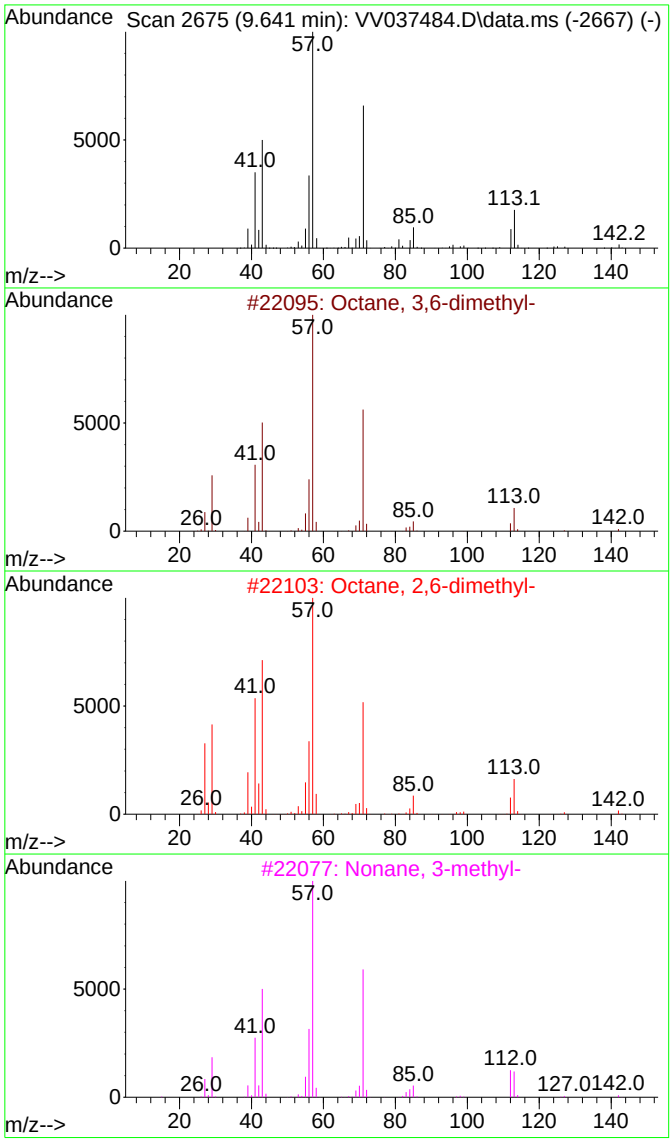
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

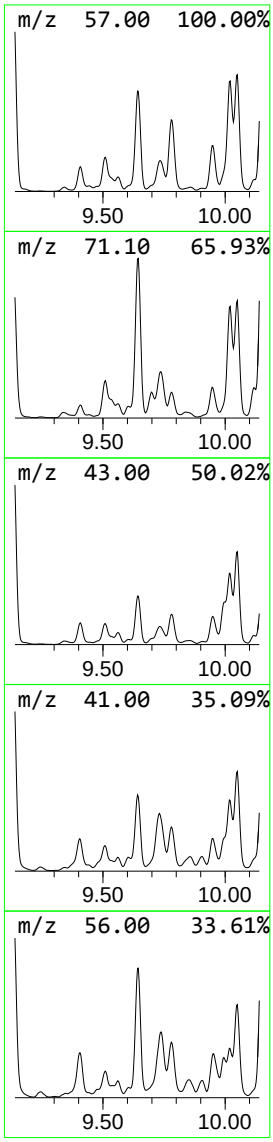
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.641	91.66 ug/L	3990580	Chlorobenzene-d5	8.780

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

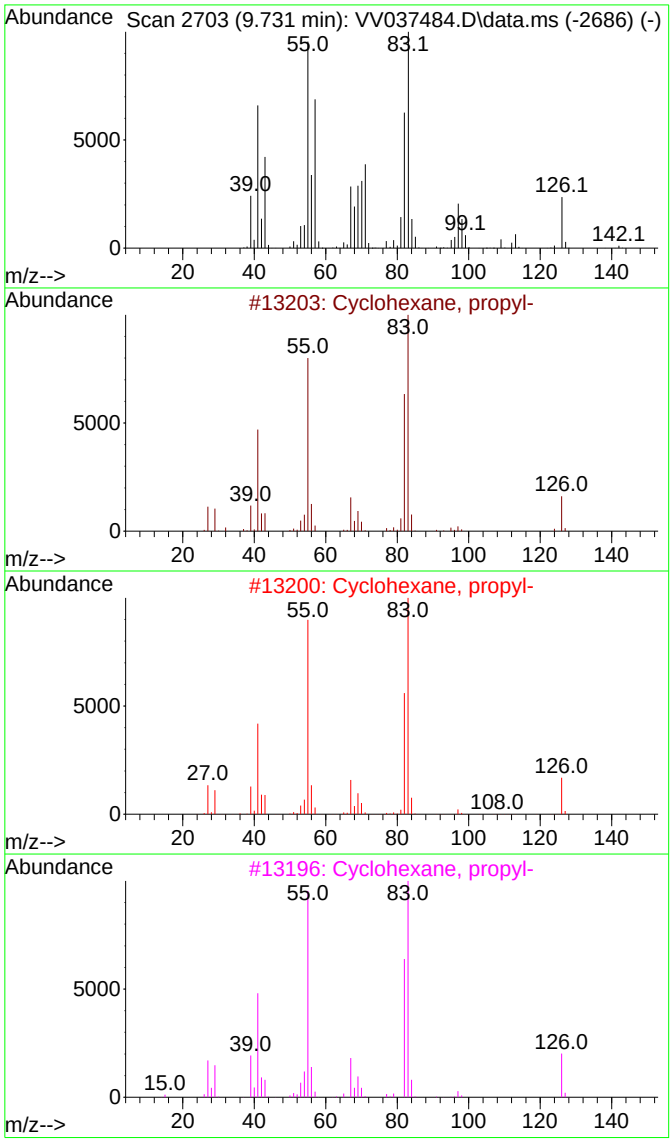
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

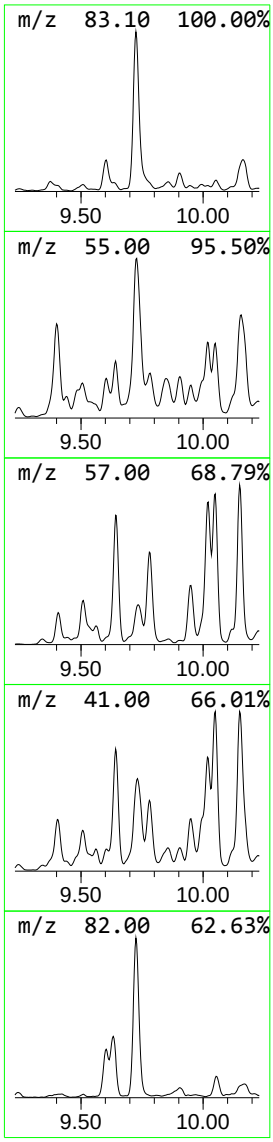
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.731 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	105.83 ug/L	4607700	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

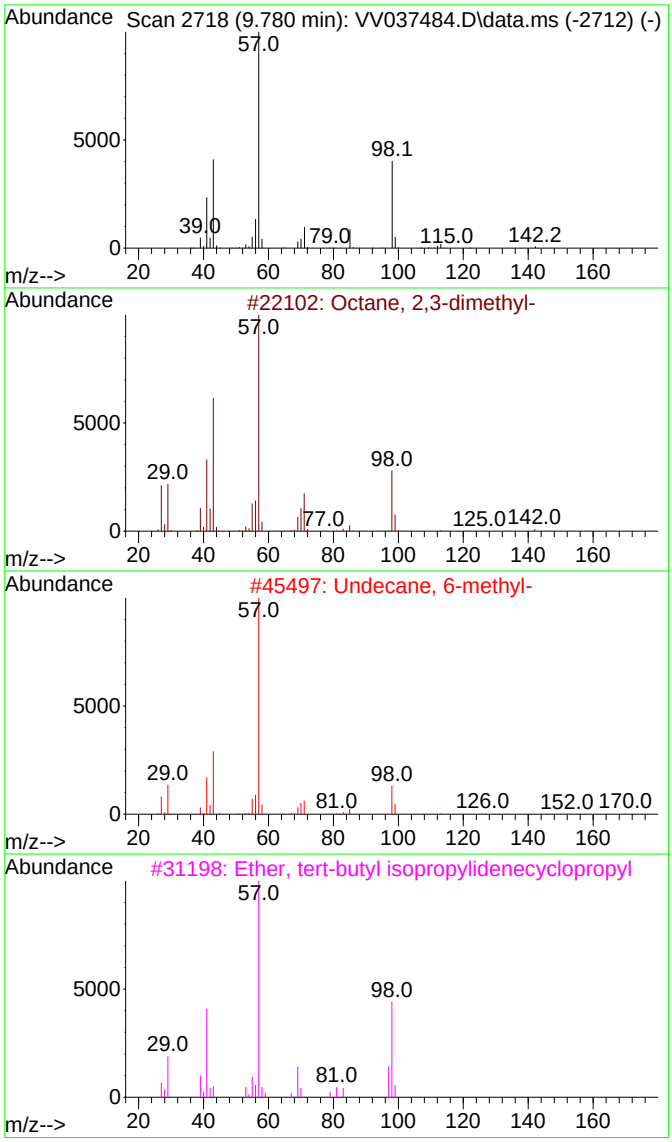
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

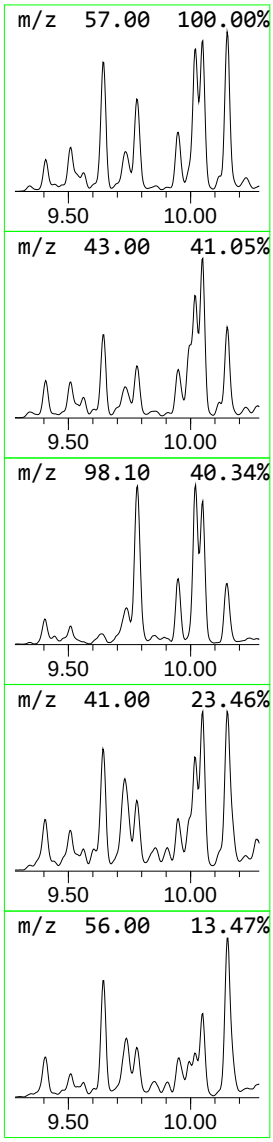
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	50.54 ug/L	2200290	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
3	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	45
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
5	Octane, 3-methyl-	128	C9H20	002216-33-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

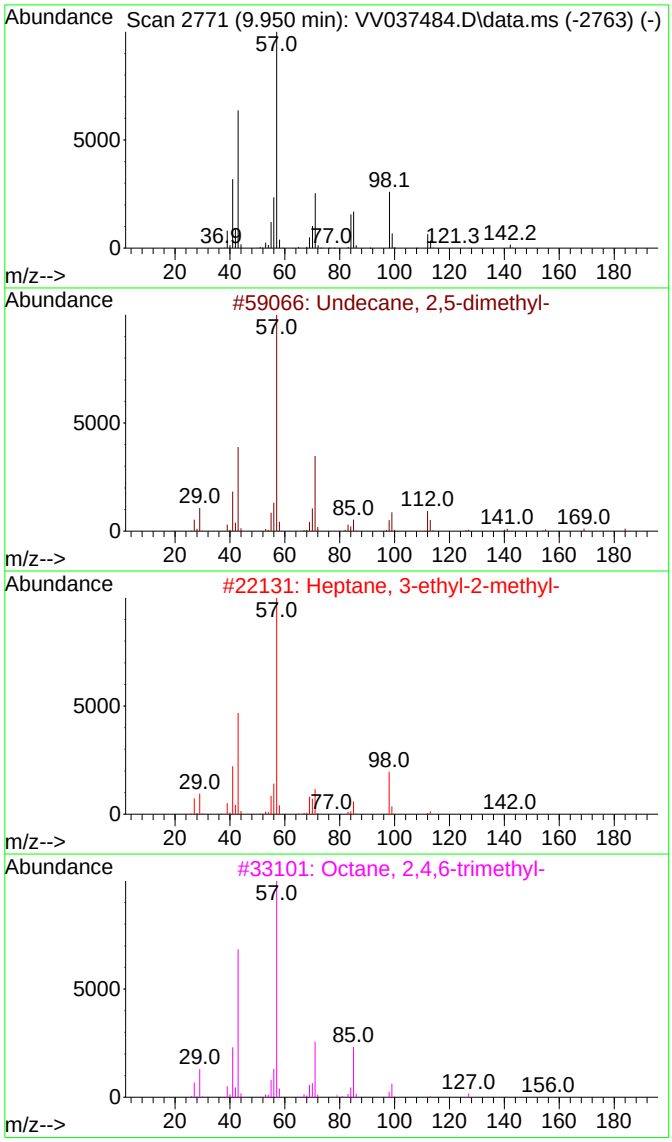
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

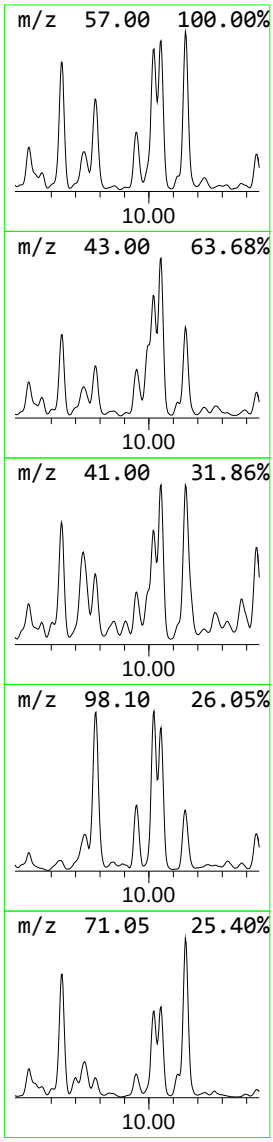
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.950	35.78 ug/L	1557950	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

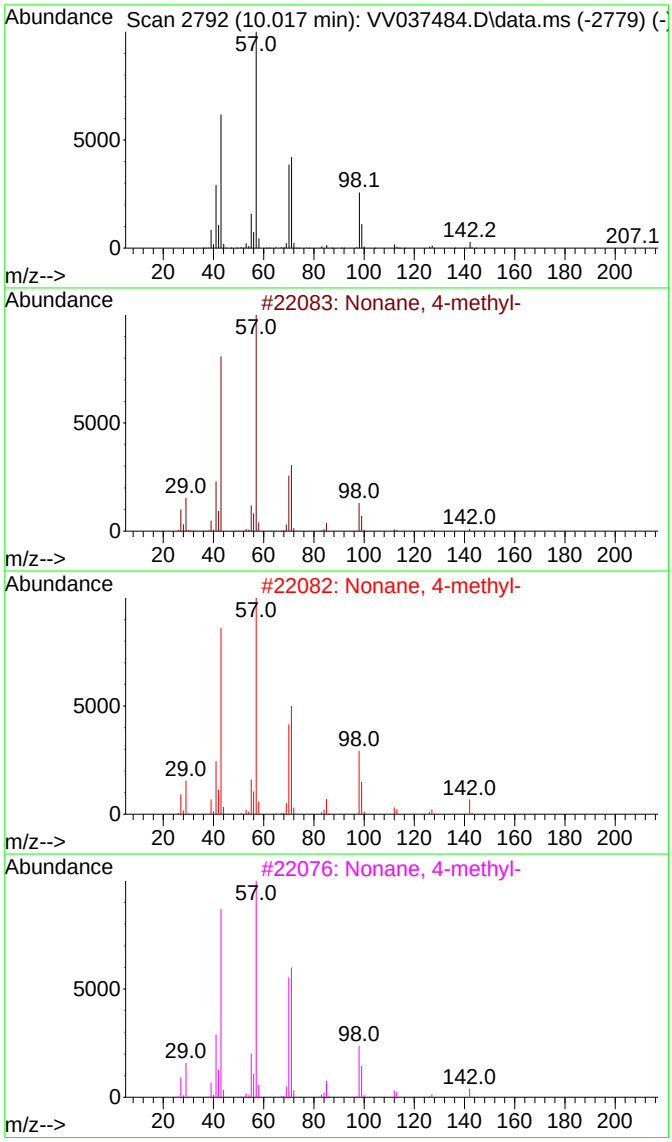
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

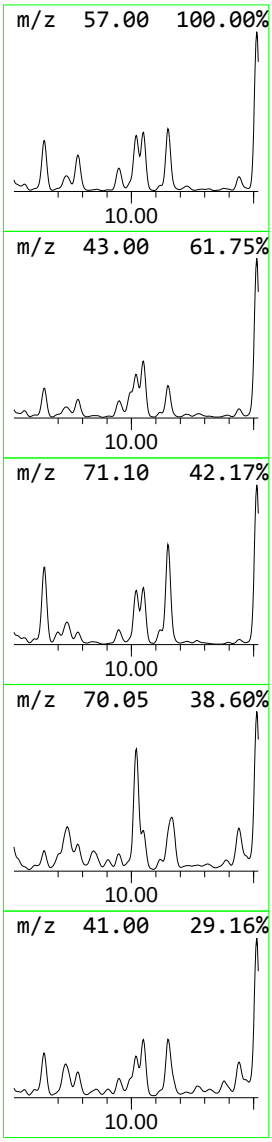
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.018	67.42 ug/L	5050240	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	83
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

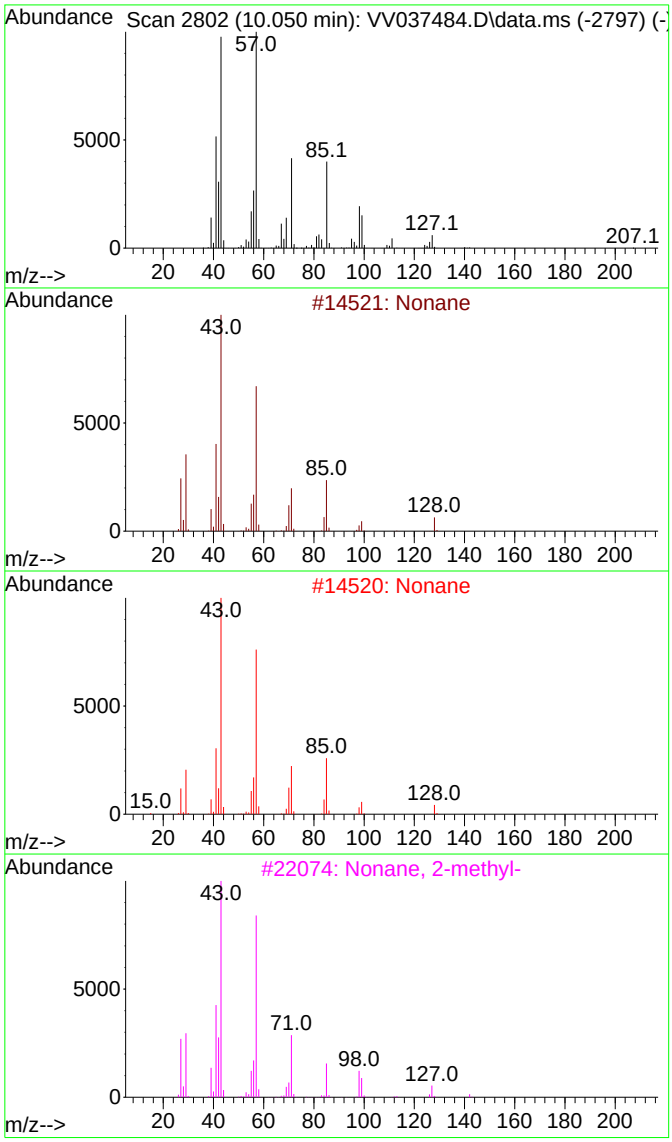
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

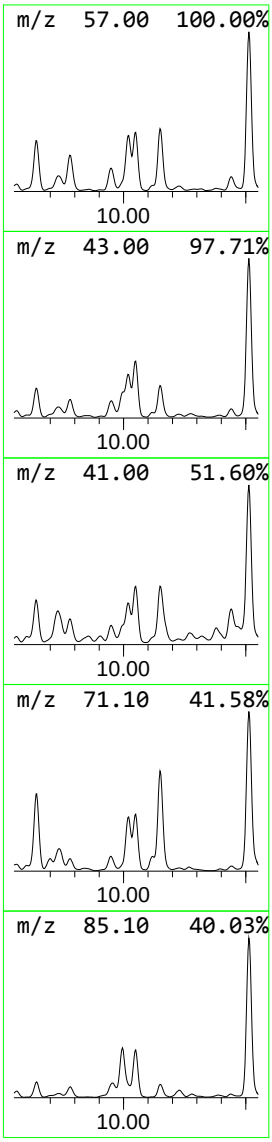
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.050	60.51 ug/L	4532220	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Nonane	128	C9H20	000111-84-2	59
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
4	Decane	142	C10H22	000124-18-5	59
5	Decane, 5-methyl-	156	C11H24	013151-35-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

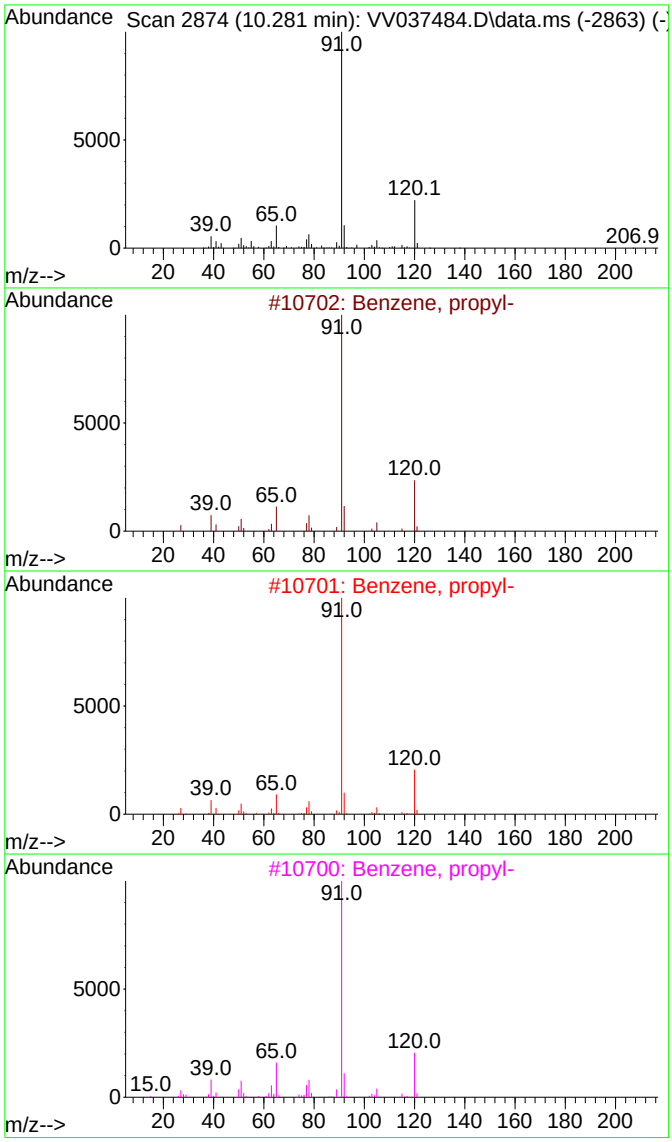
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

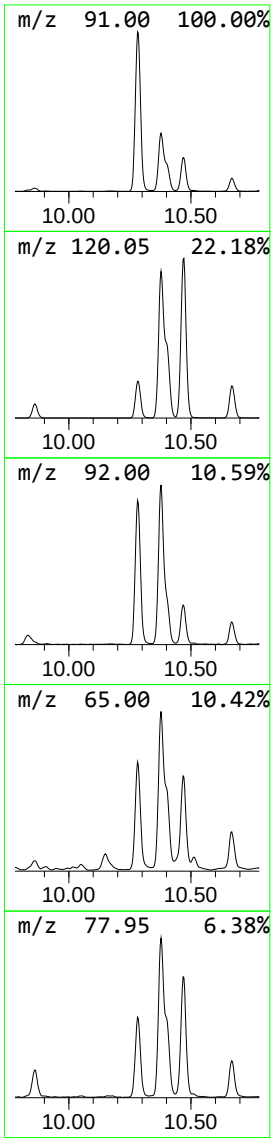
****

Peak Number 17 Benzene, propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	44.36 ug/L	3322740	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

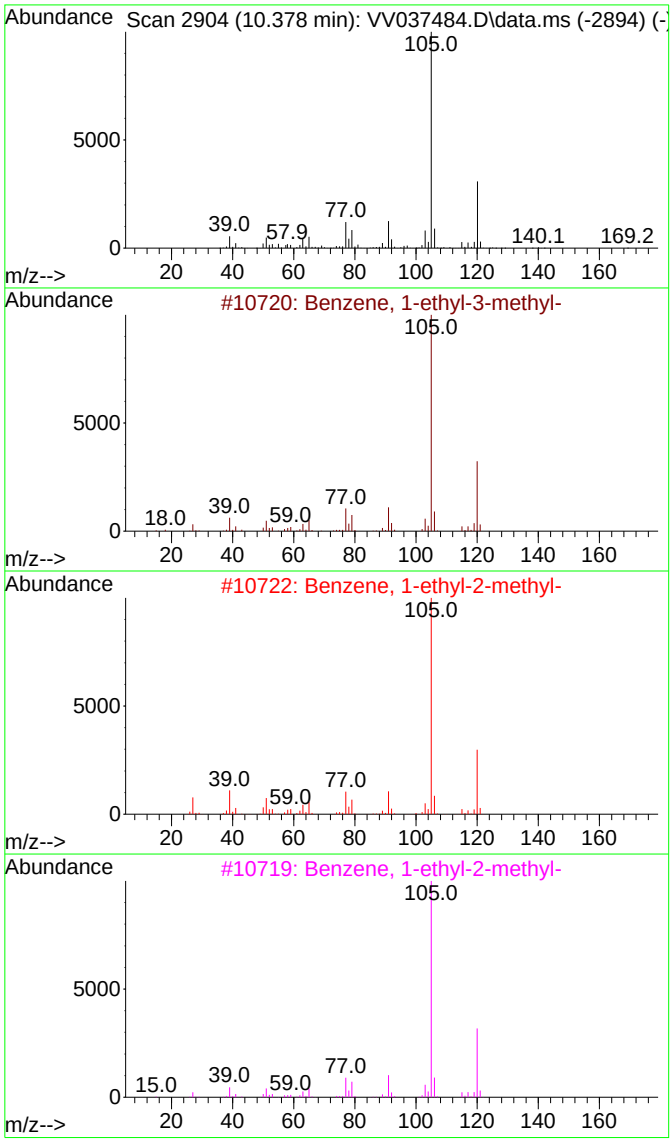
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

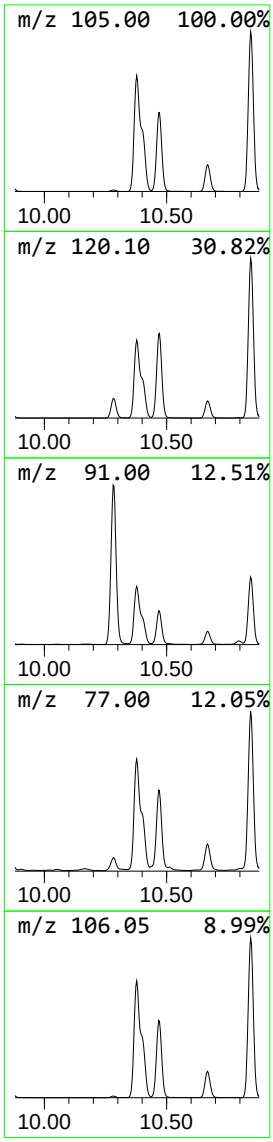
****

Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	196.29 ug/L	14703000	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

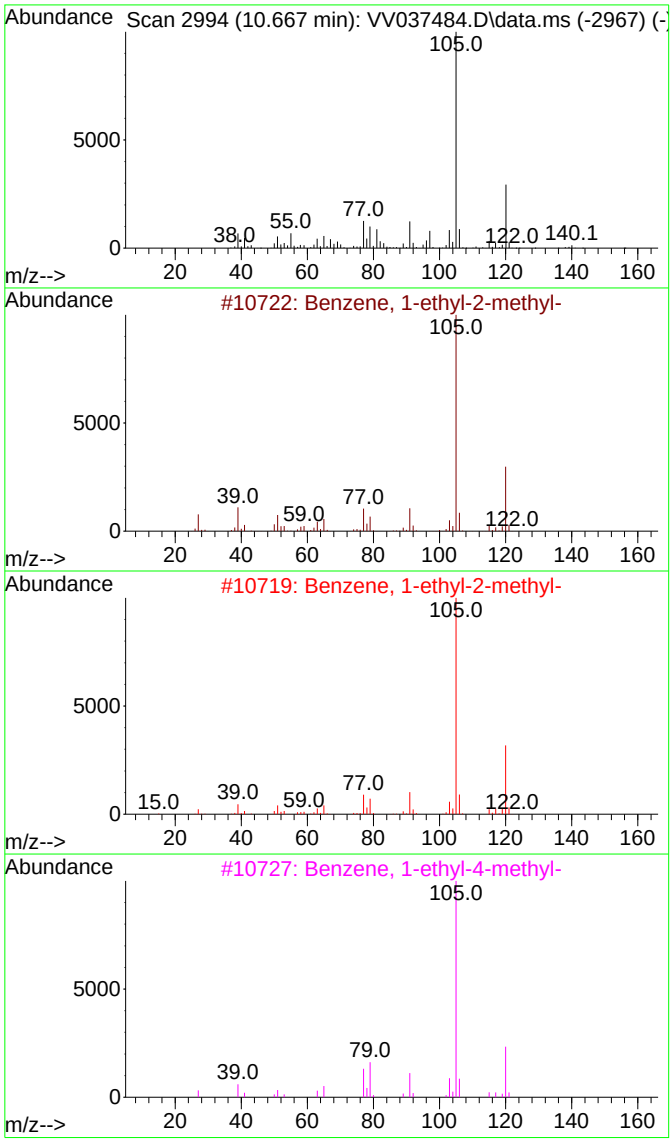
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

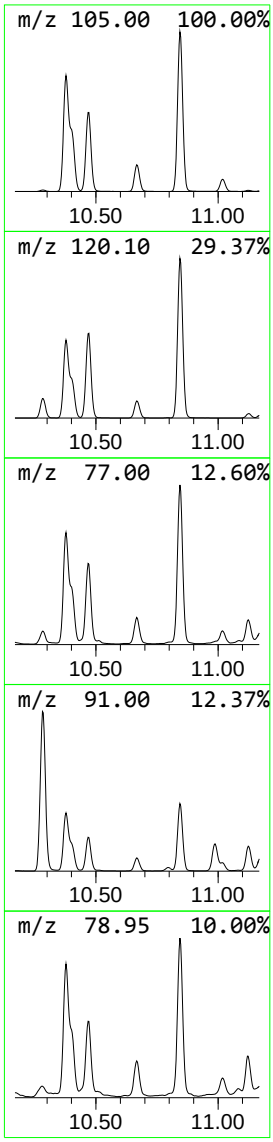
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	58.69 ug/L	4396540	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

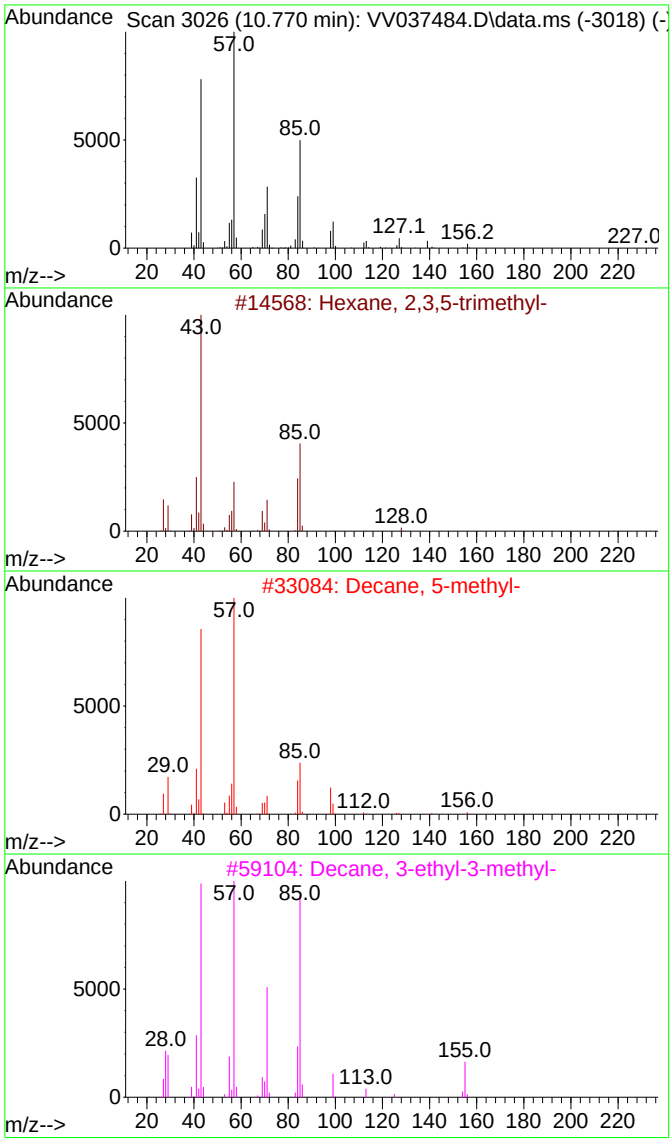
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

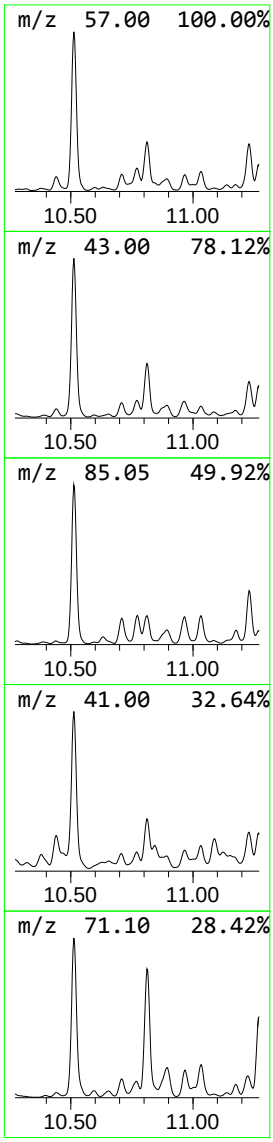
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.770	14.64 ug/L	1096950	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
2	Decane, 5-methyl-	156	C11H24	013151-35-4	58
3	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	53
4	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	52
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

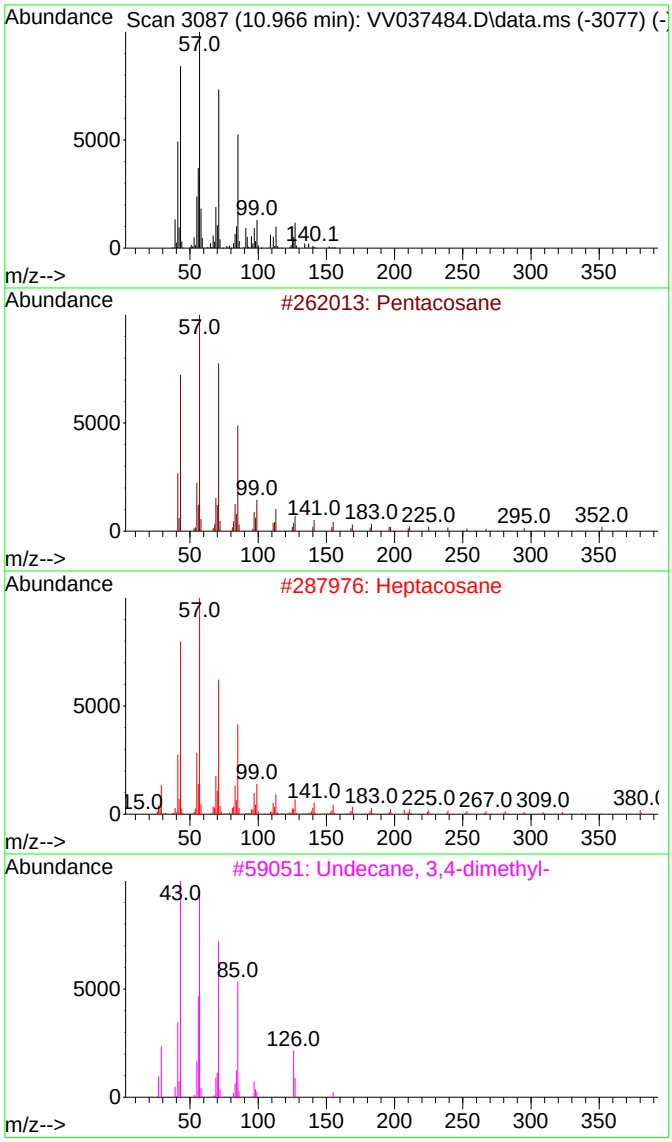
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

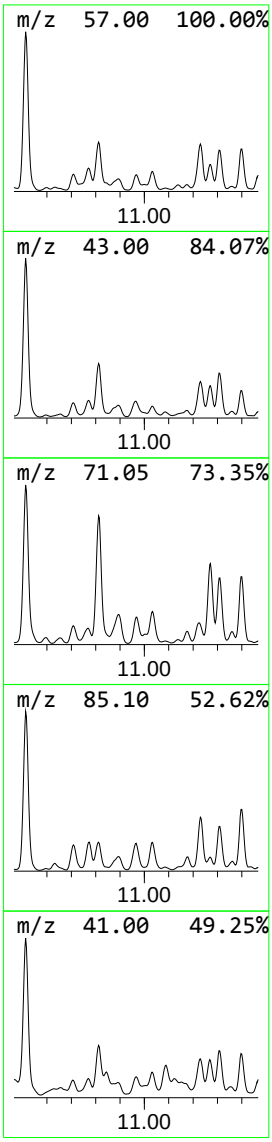
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.966	34.72 ug/L	2600650	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	86
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
5	Hexacosane	366	C26H54	000630-01-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

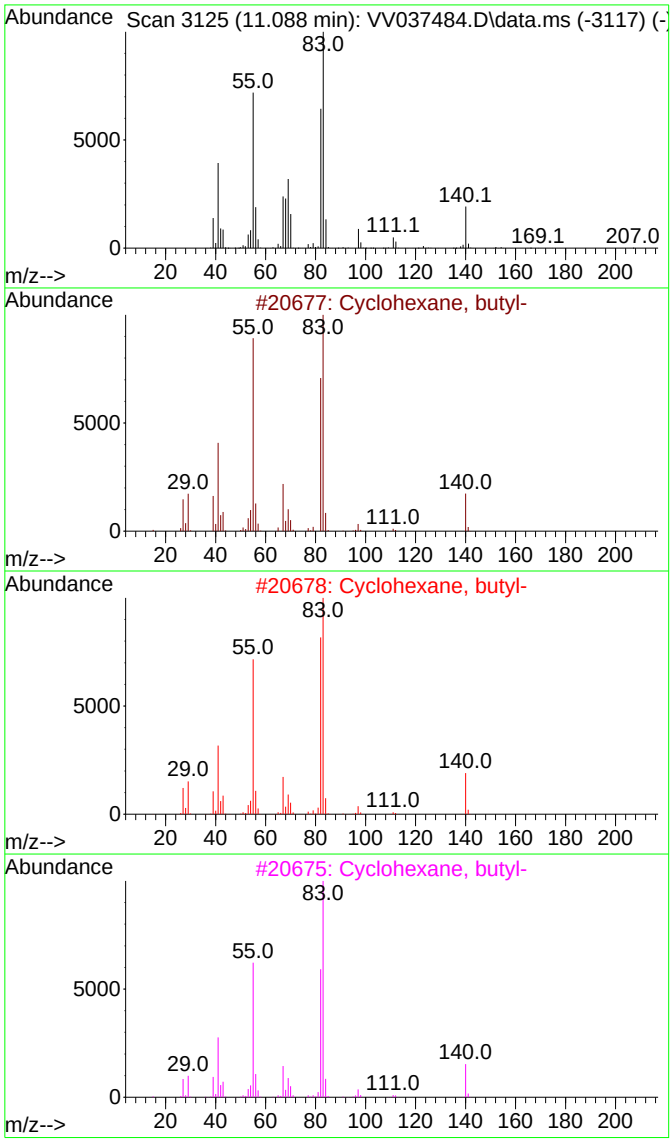
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

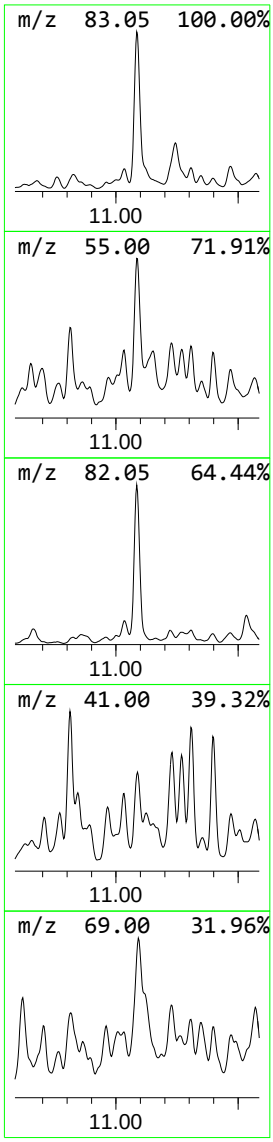
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.088 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	34.21 ug/L	2562200	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

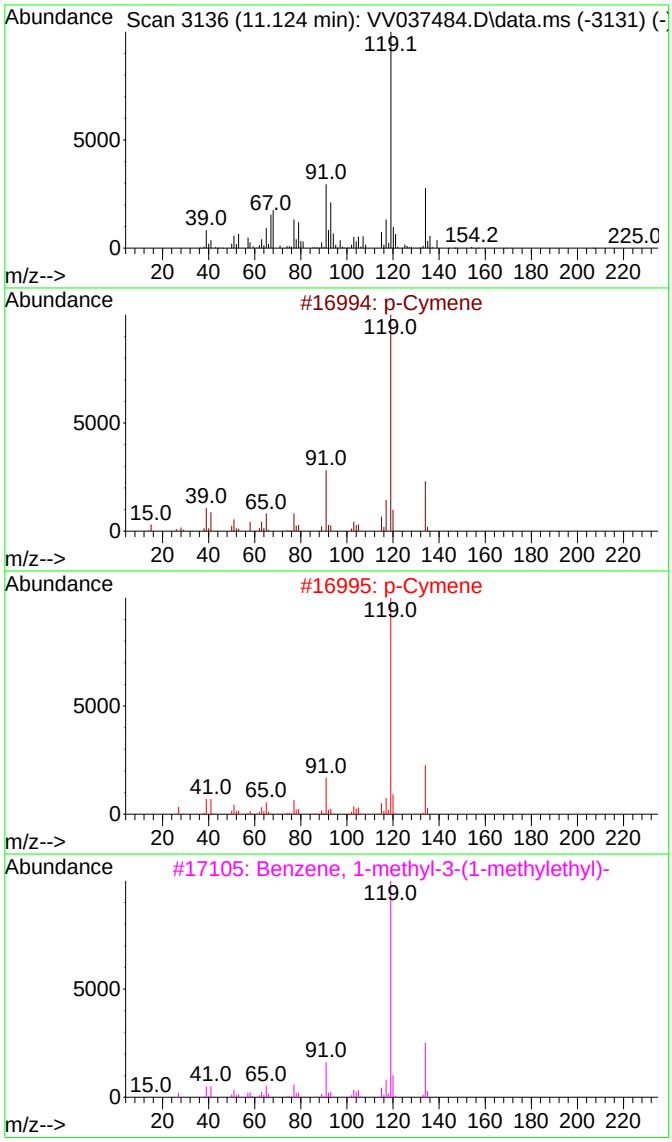
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

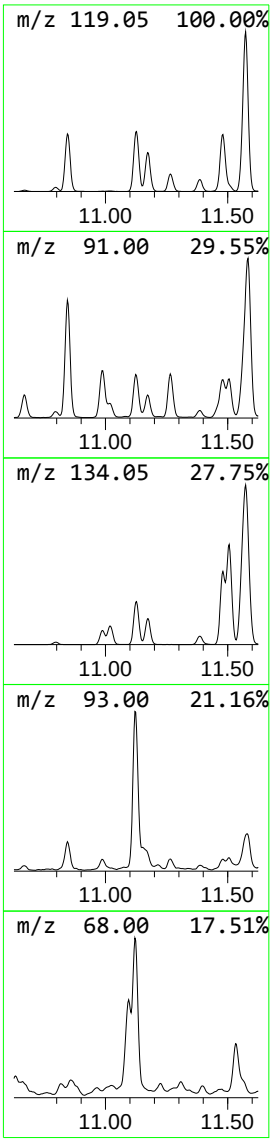
****

Peak Number 24 p-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.124	47.62 ug/L	3566780	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

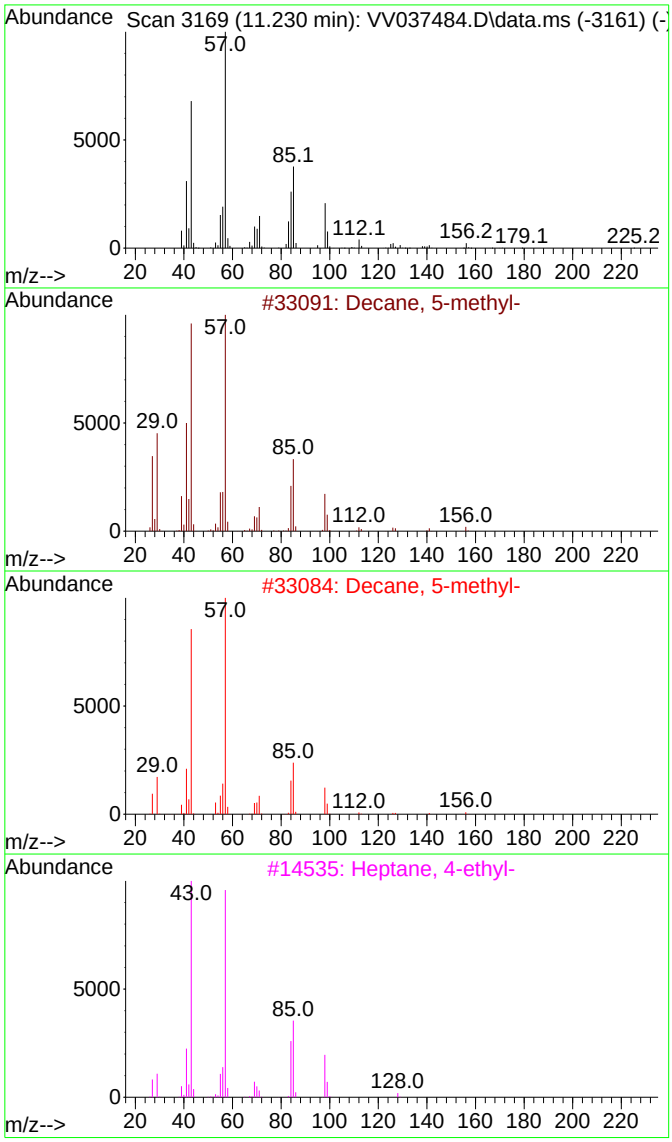
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

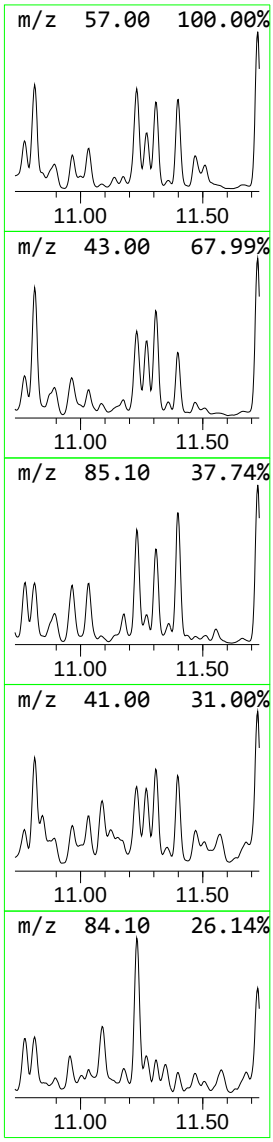
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.230	46.27 ug/L	3465810	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	87
2	Decane, 5-methyl-	156	C11H24	013151-35-4	81
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

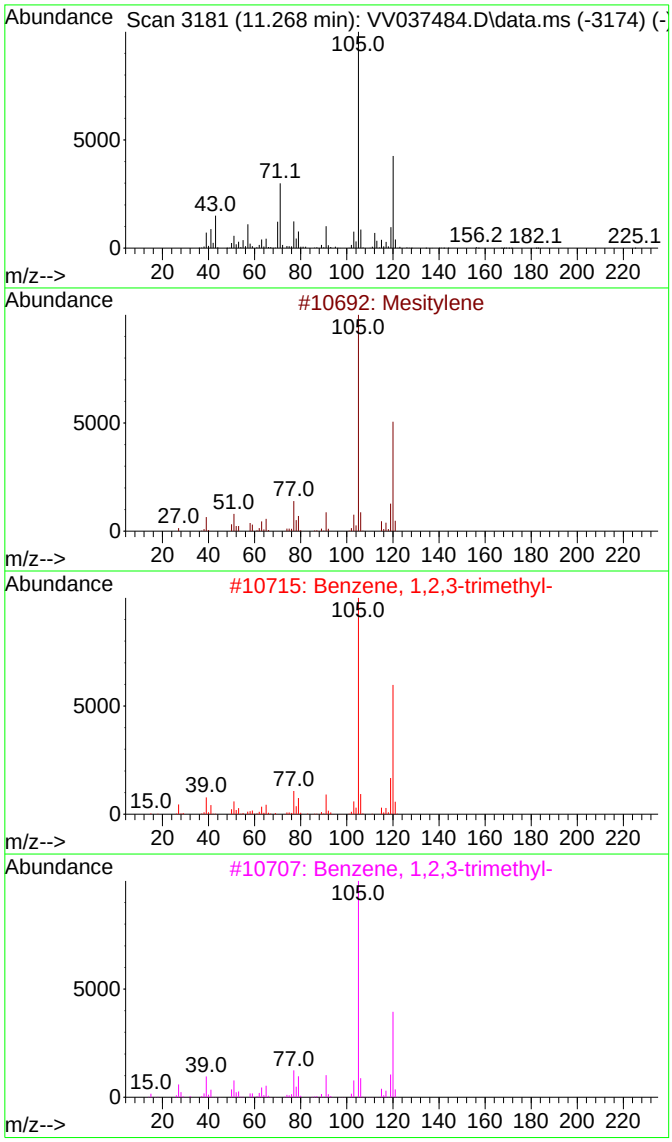
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

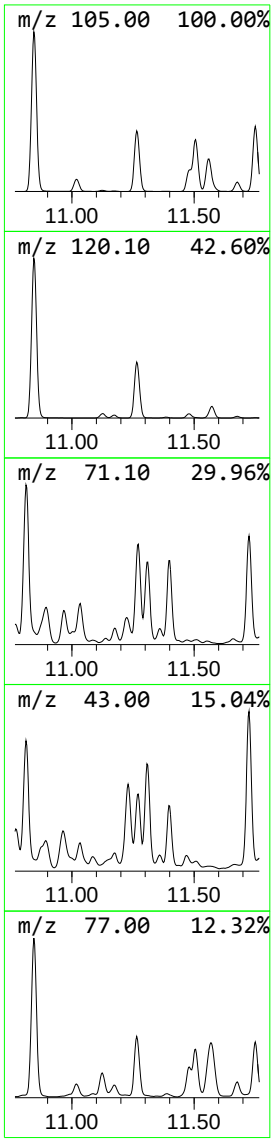
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	108.56 ug/L	8131750	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Mesitylene	120	C9H12	000108-67-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

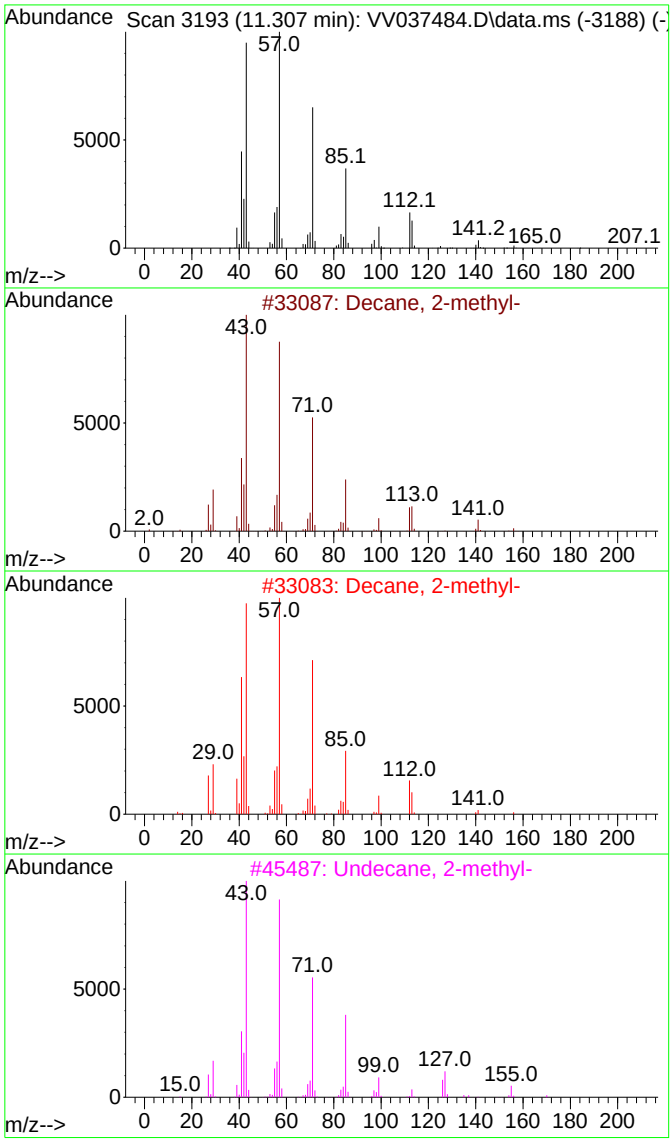
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

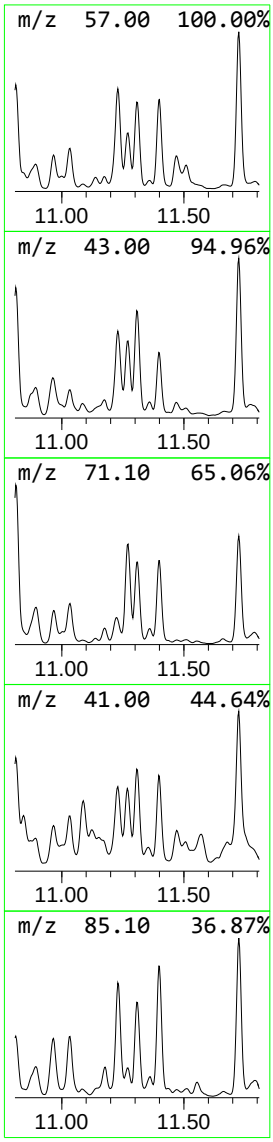
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.307	41.80 ug/L	3131190	1,4-Dichlorobenzene-d4	11.178

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	74
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
5	Octadecane	254	C18H38	000593-45-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

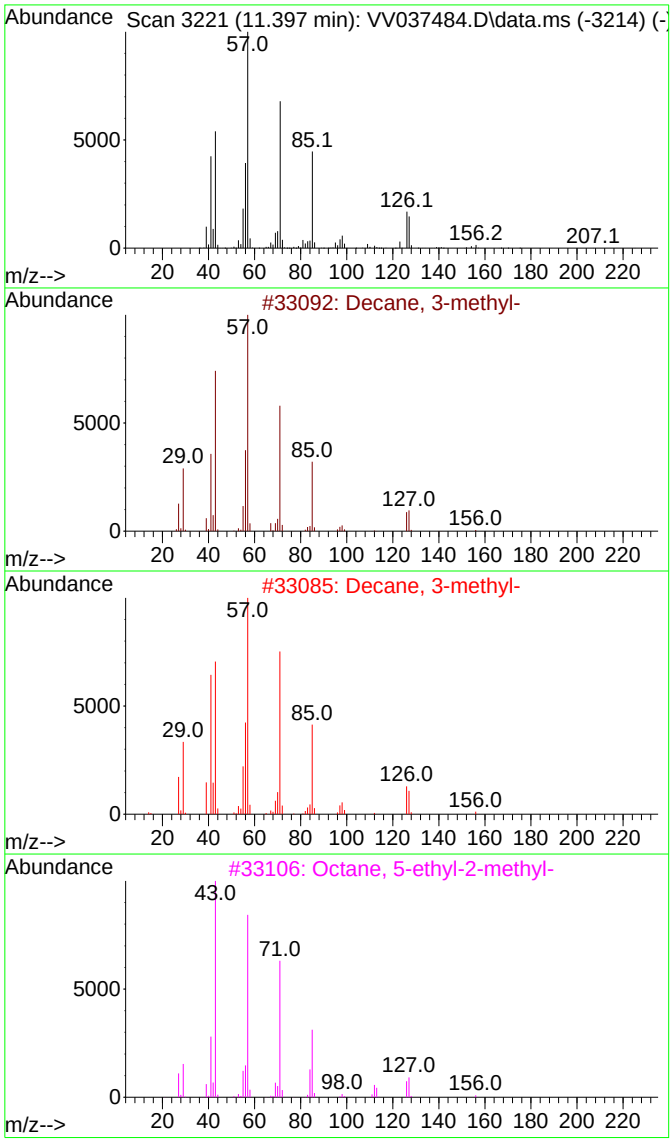
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

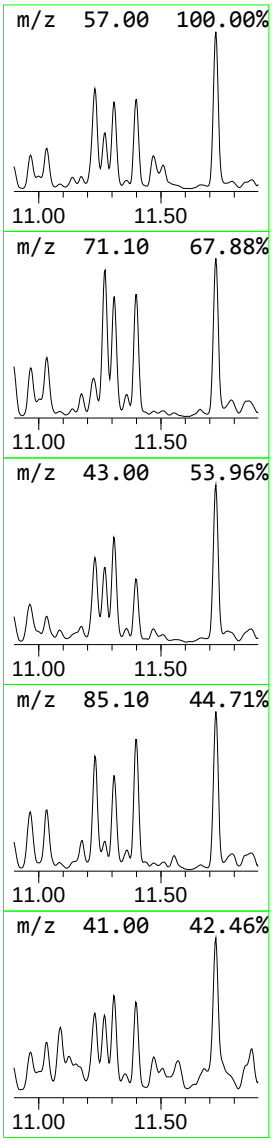
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.397	48.85 ug/L	3658800	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Decane, 3-methyl-	156	C11H24	013151-34-3	91
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

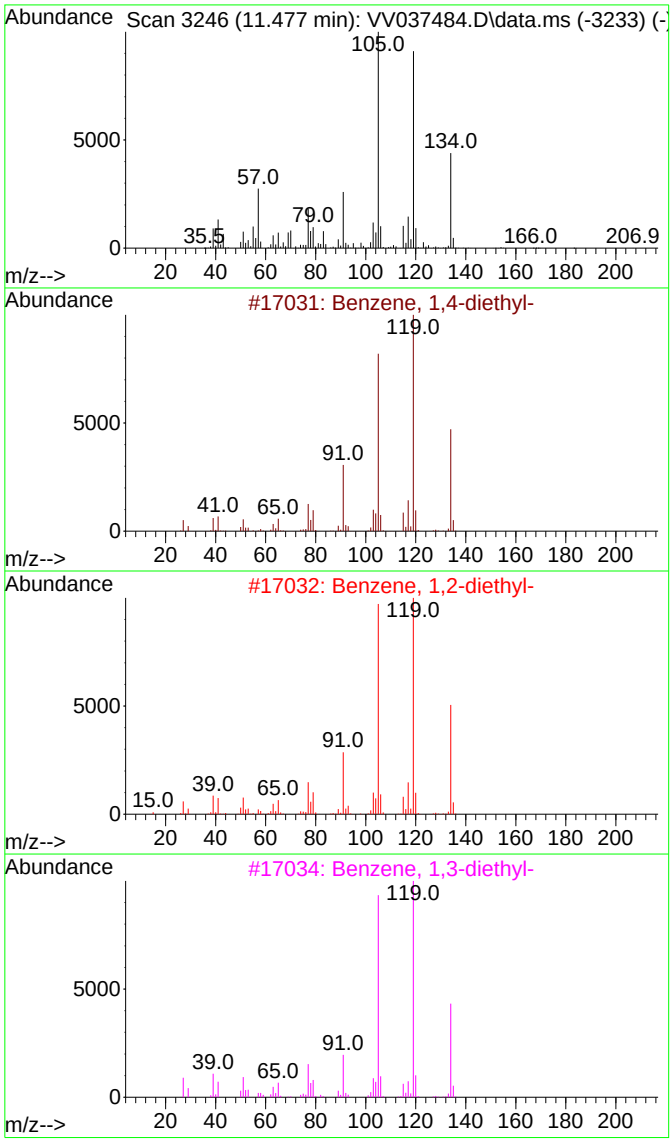
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

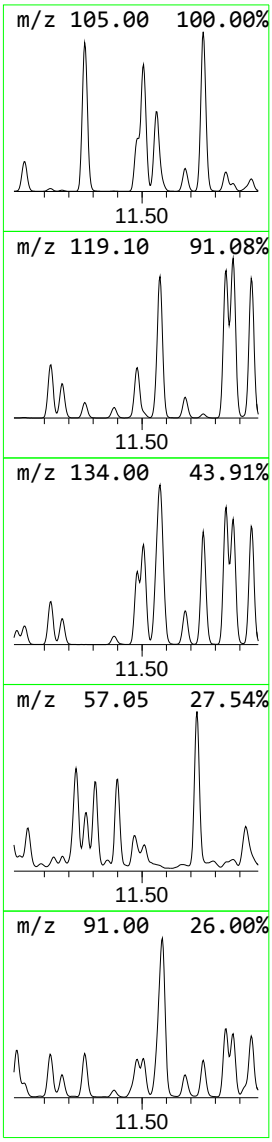
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,4-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.477	64.14 ug/L	4804550	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

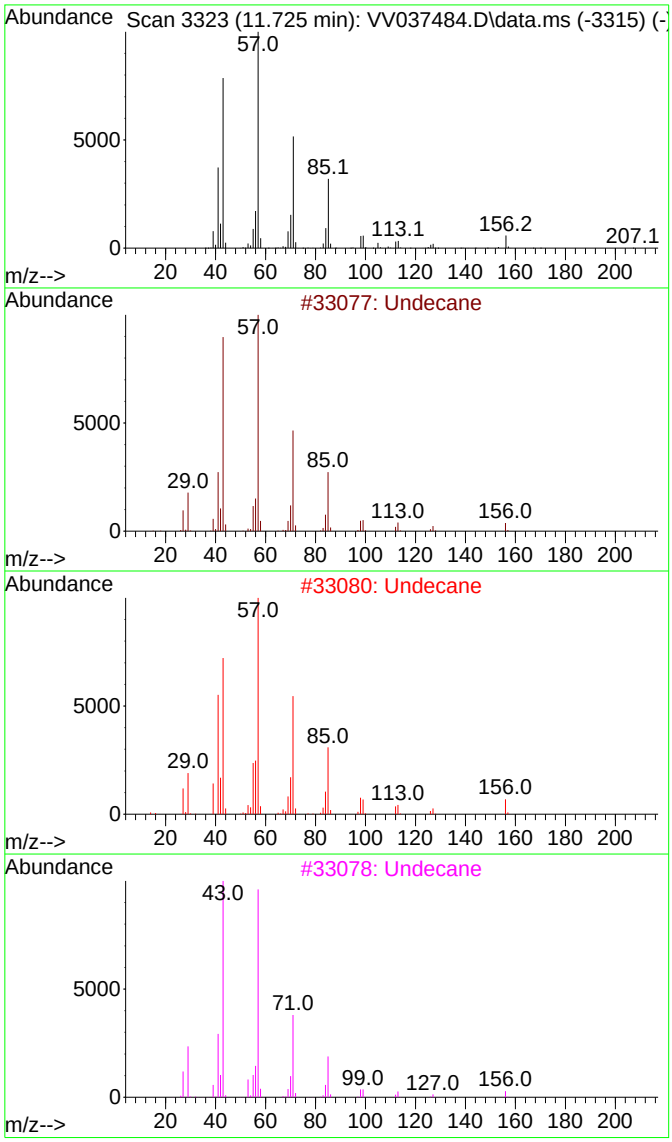
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

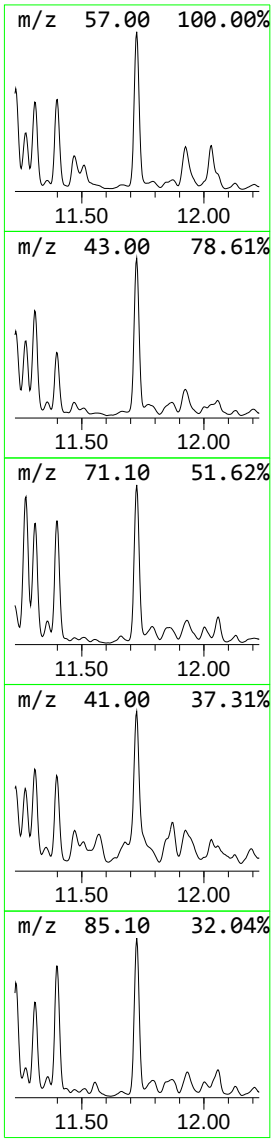
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	62.48 ug/L	4679840	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	91
4	Undecane	156	C11H24	001120-21-4	90
5	Decane	142	C10H22	000124-18-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

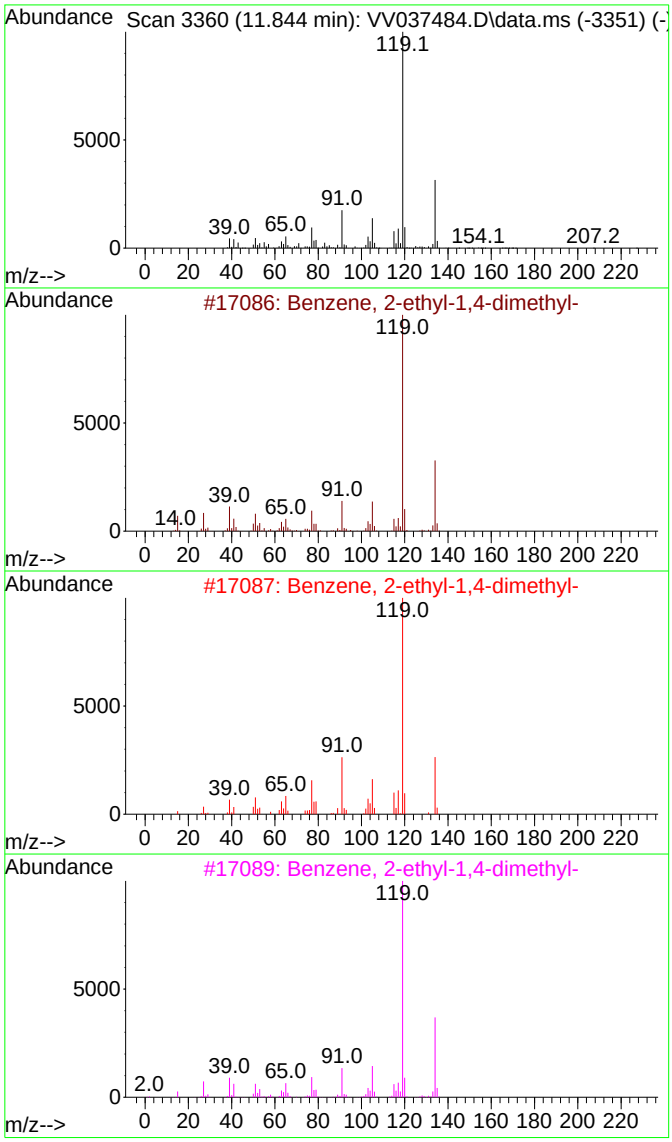
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

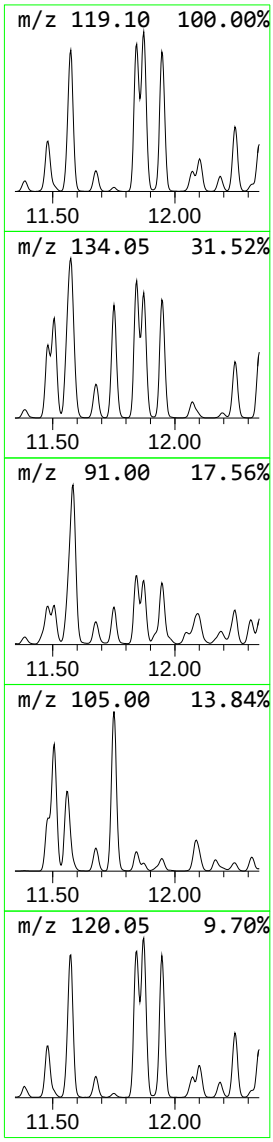
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.844	73.95 ug/L	5538920	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

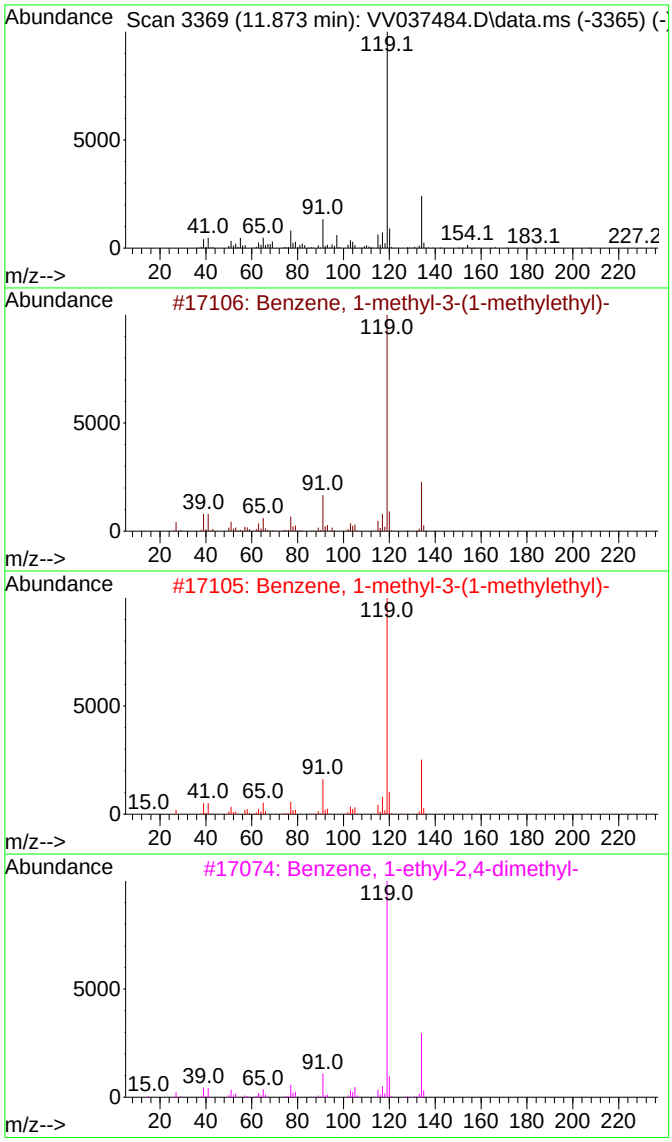
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

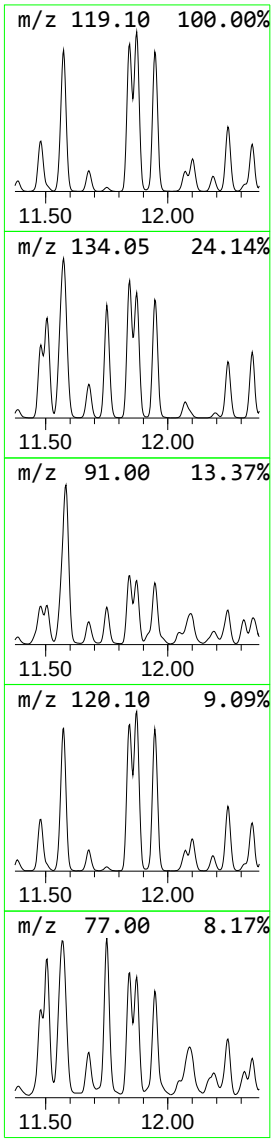
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	68.47 ug/L	5128410	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

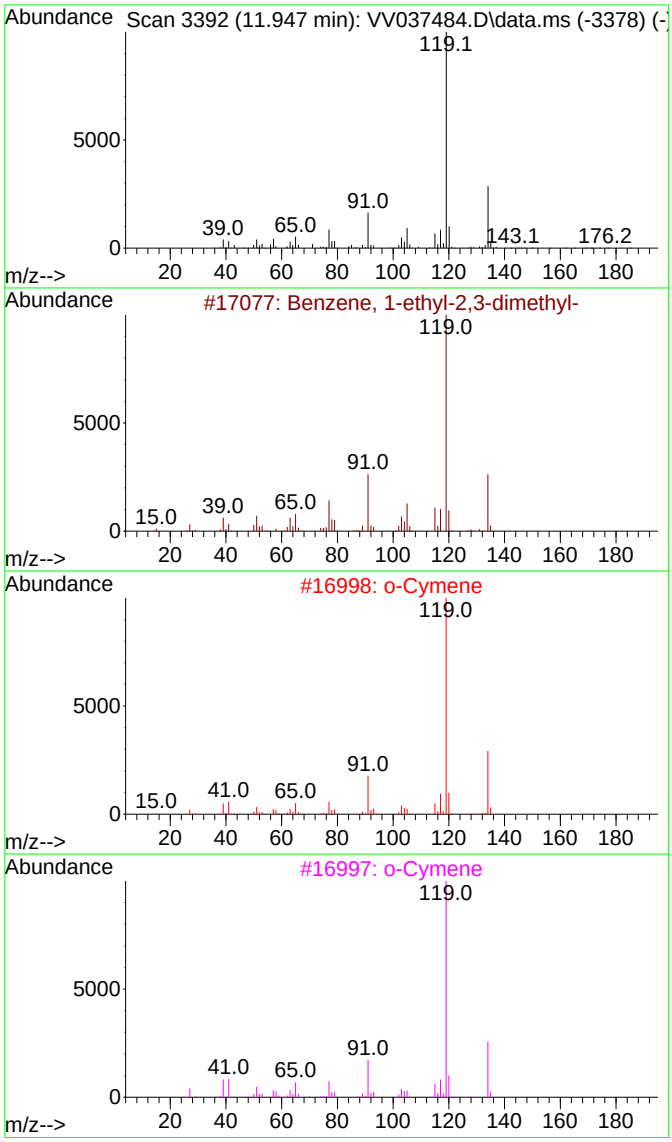
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

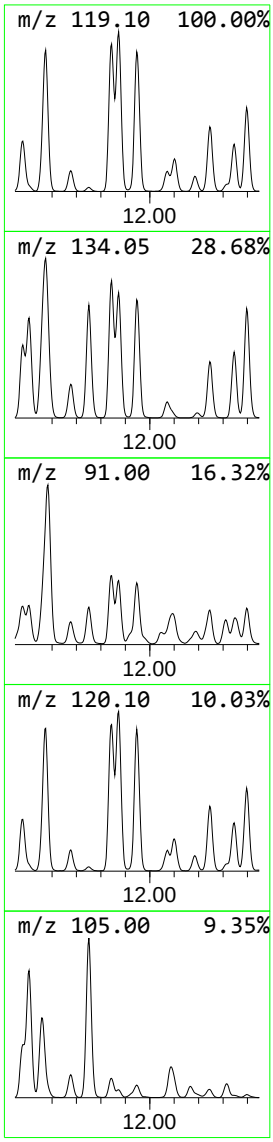
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.947	89.91 ug/L	6734460	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

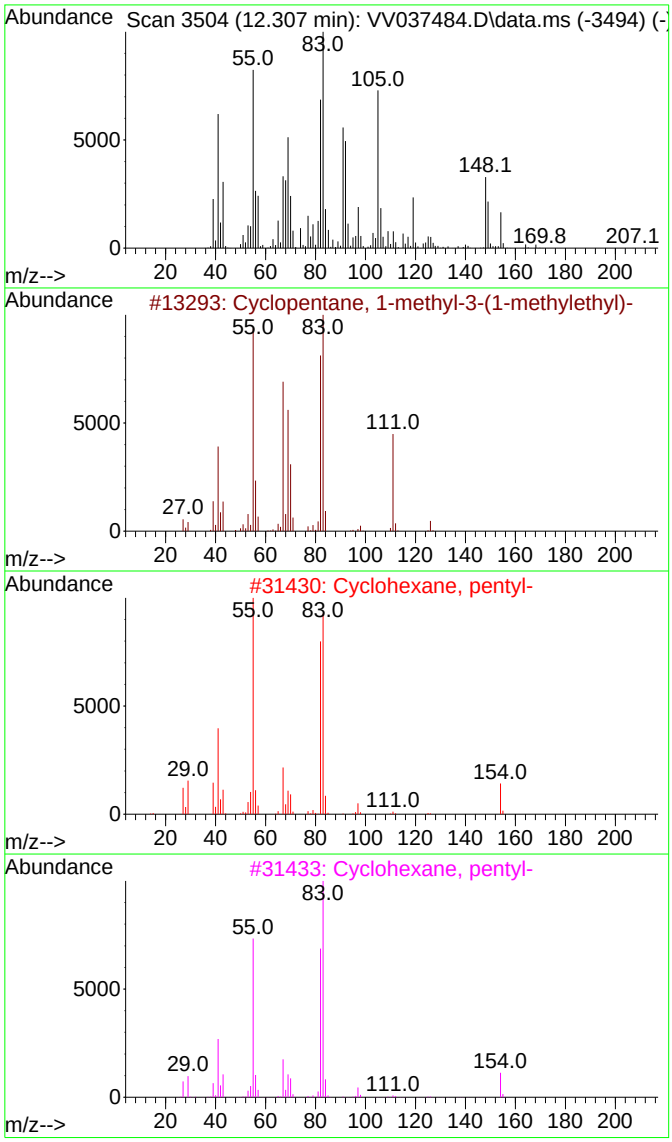
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

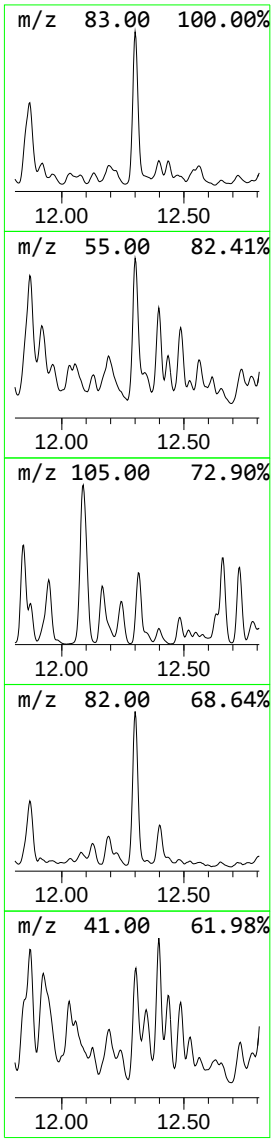
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic12.307 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	37.35 ug/L	2797770	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	46
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

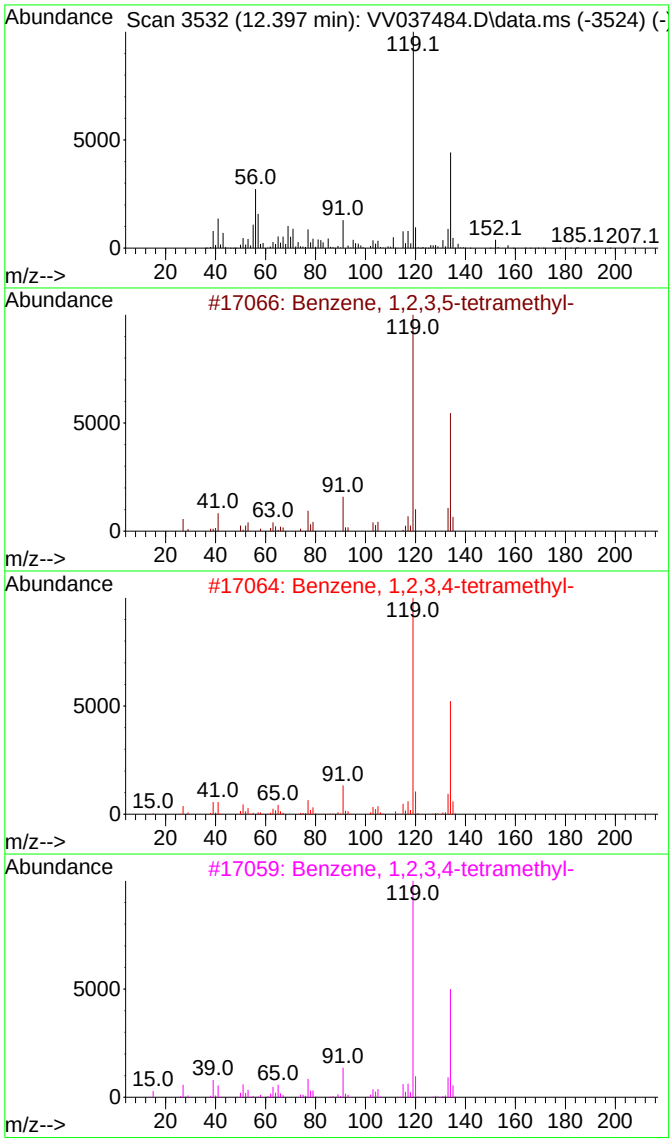
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

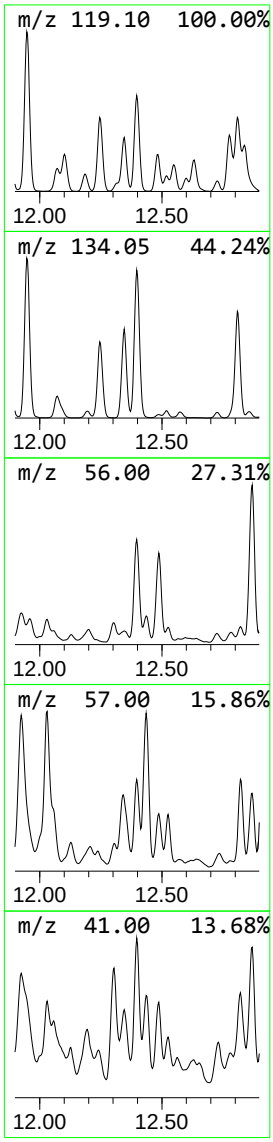
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	57.10 ug/L	4276720	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

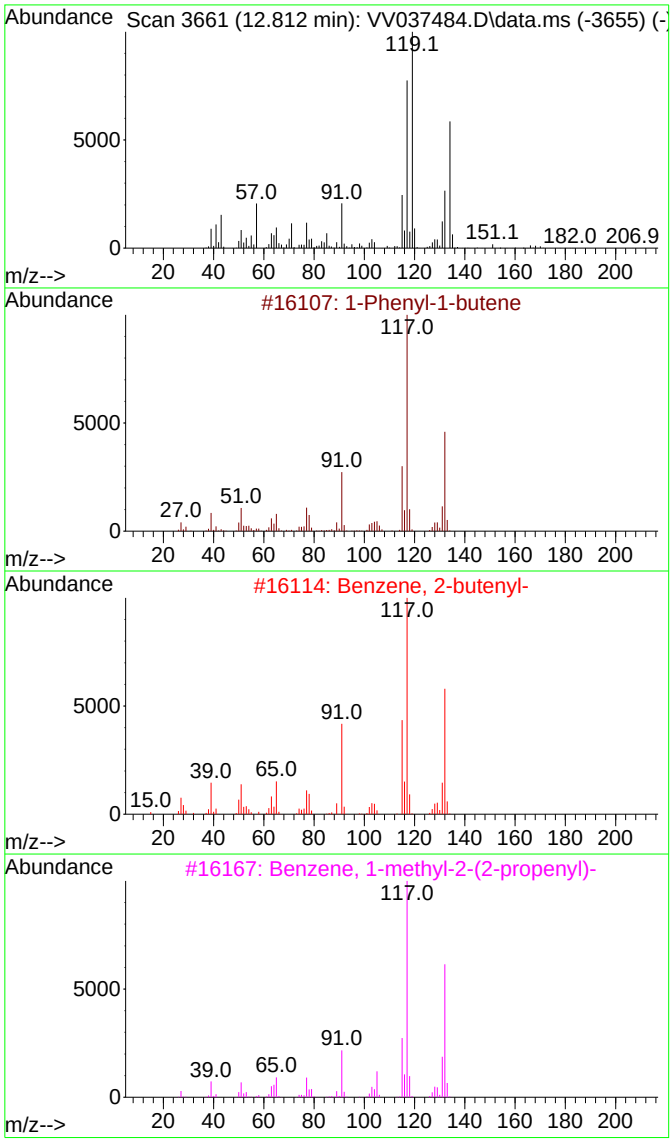
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

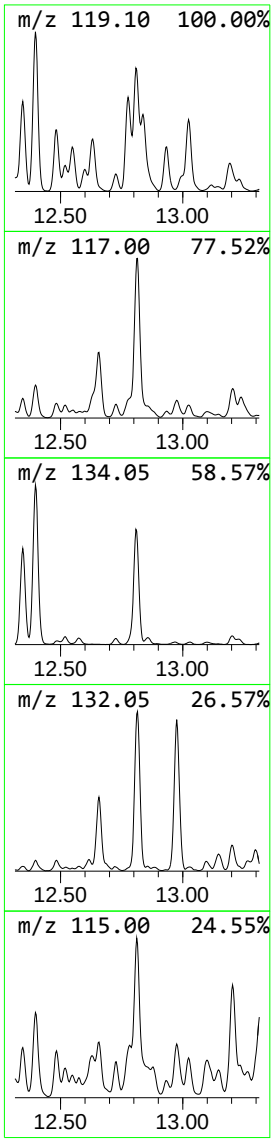
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 1-Phenyl-1-butene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	73.60 ug/L	5512970	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

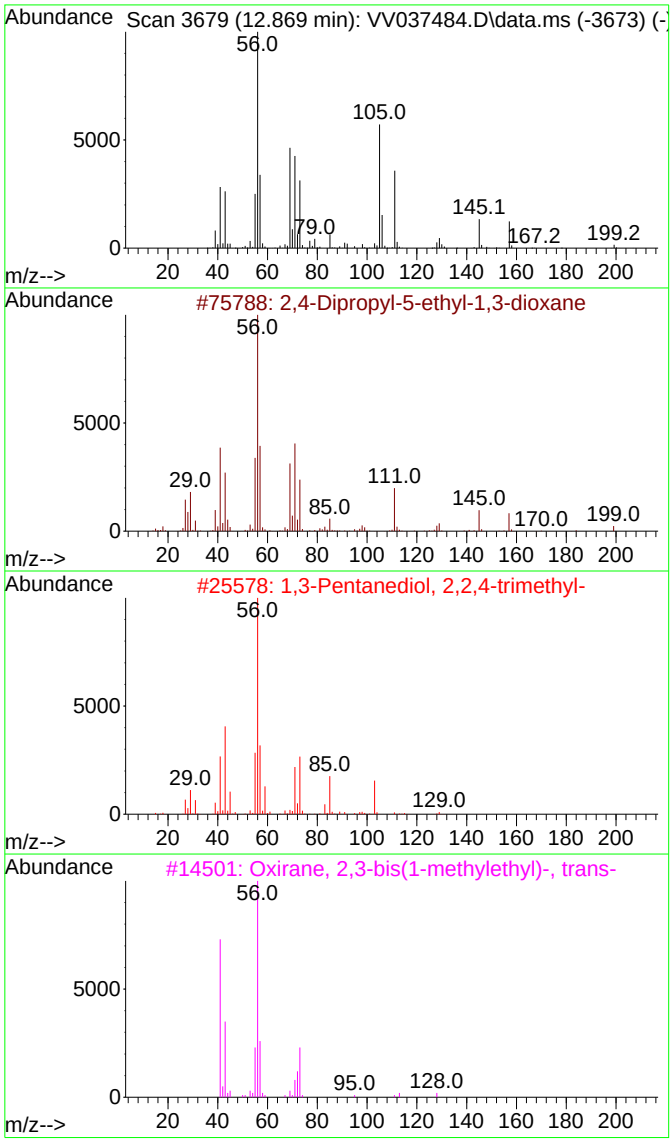
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

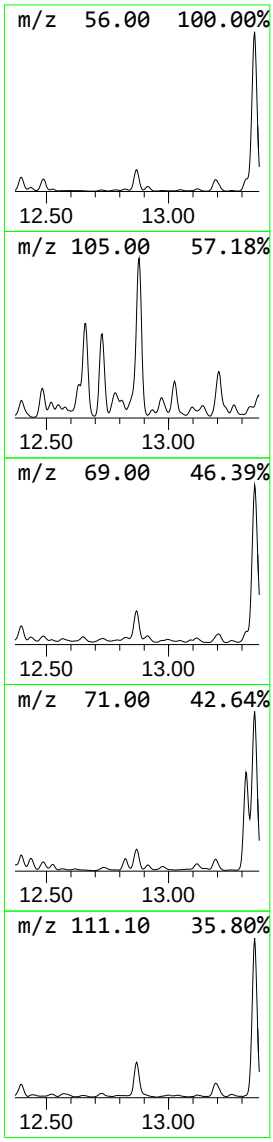
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.870	50.29 ug/L	3767220	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	72
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

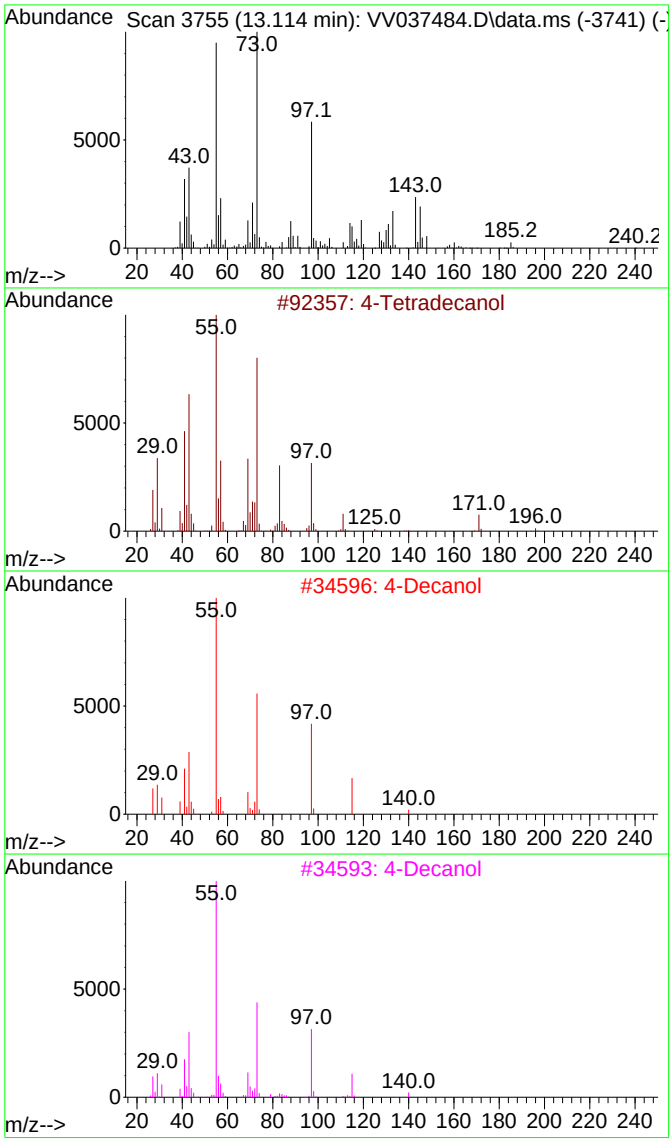
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

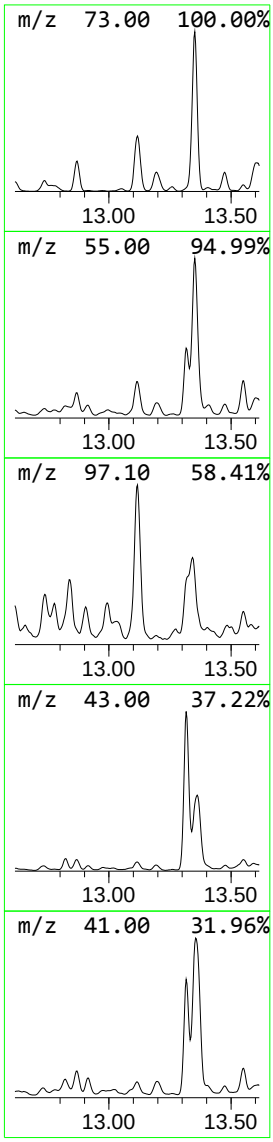
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.114	40.37 ug/L	3024130	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecanol	214	C14H30O	001653-33-4	25
2	4-Decanol	158	C10H22O	002051-31-2	14
3	4-Decanol	158	C10H22O	002051-31-2	14
4	1,3,5-Trioxane, 2,4,6-tripropyl-	216	C12H24O3	002396-43-2	12
5	Cyclopentanecarboxylic acid, 2-m...	170	C10H18O2	1000282-42-5	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

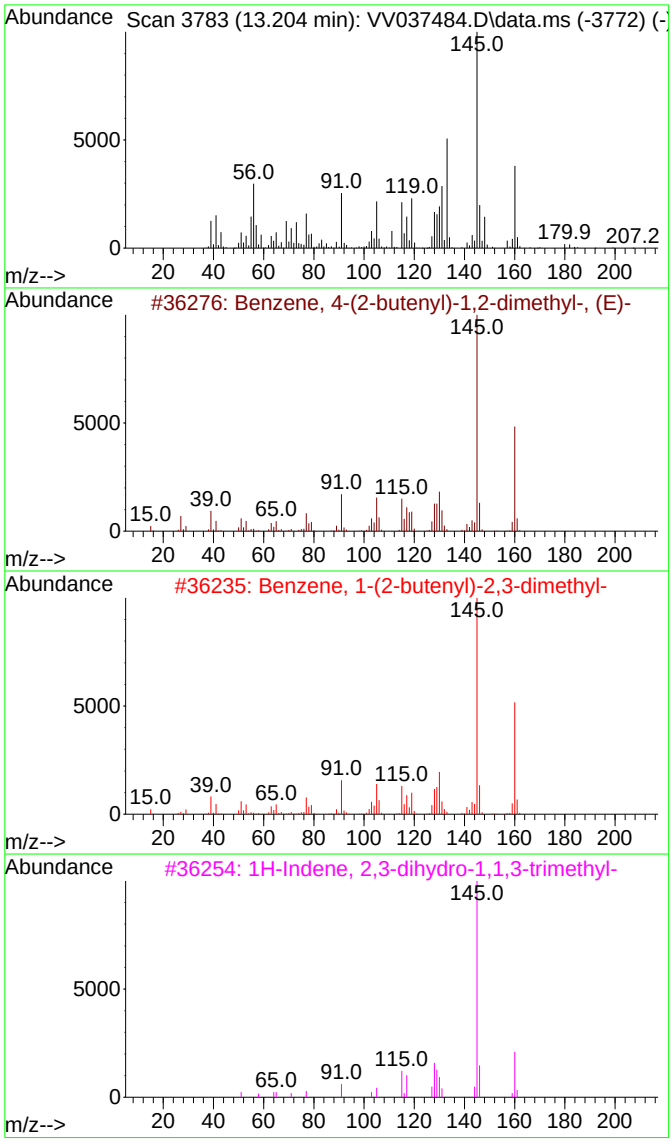
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

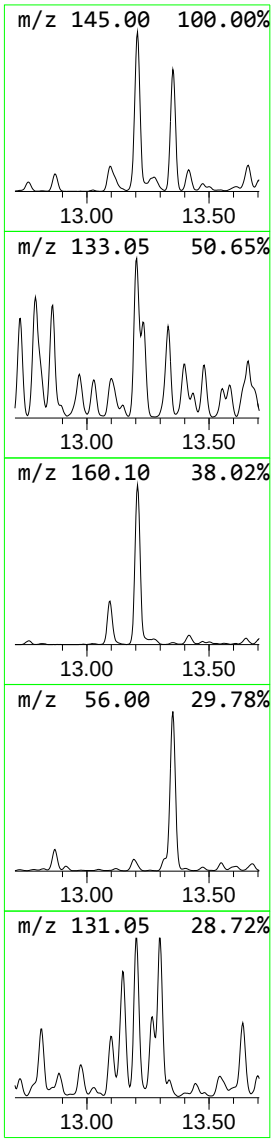
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	67.07 ug/L	5024090	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	53
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

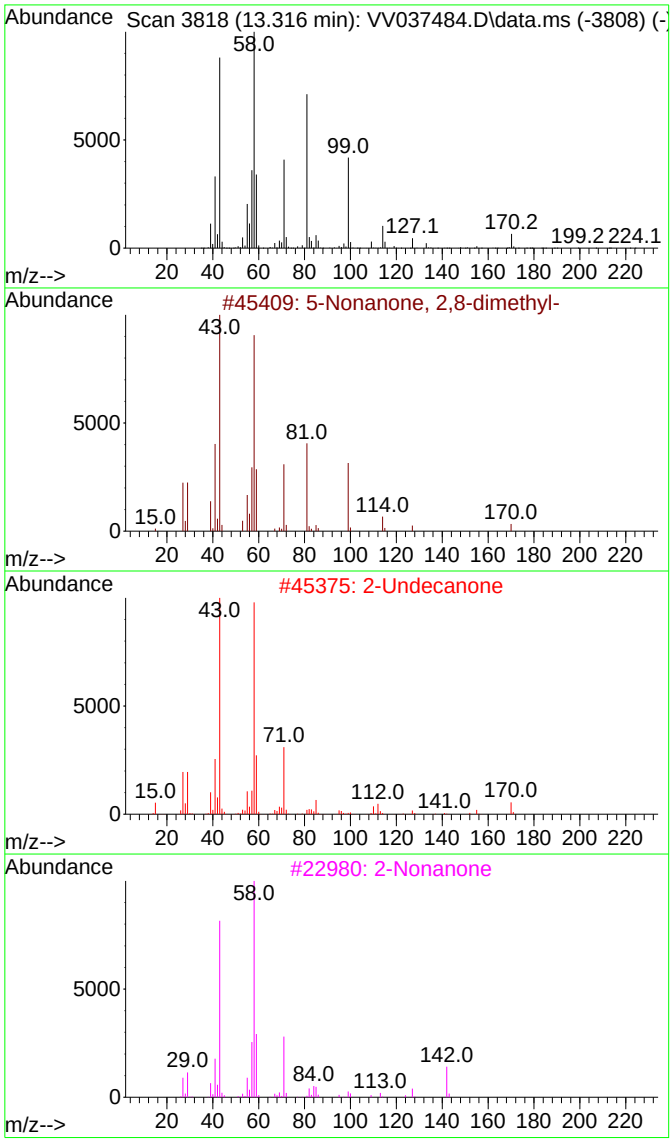
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

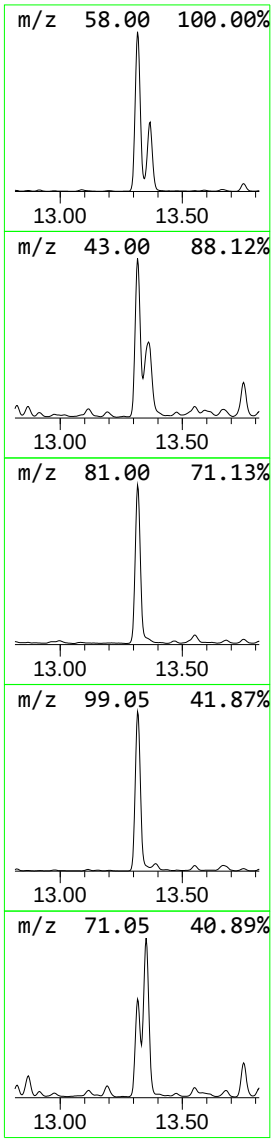
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 5-Nonanone, 2,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	175.73 ug/L	13163100	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	91
2	2-Undecanone	170	C11H22O	000112-12-9	53
3	2-Nonanone	142	C9H18O	000821-55-6	53
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	52
5	2-Undecanone	170	C11H22O	000112-12-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

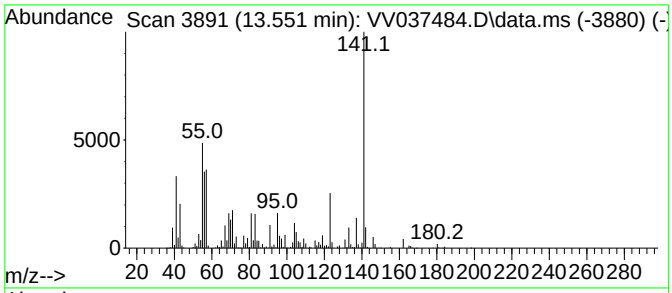
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

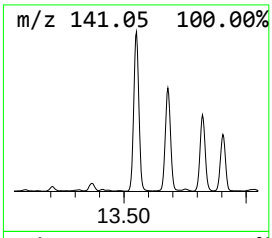
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

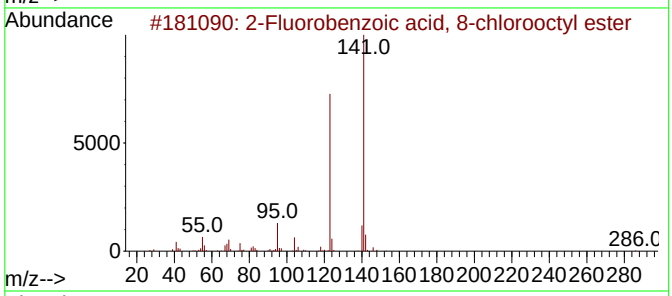
****
Peak Number 54 2-Fluorobenzoic acid, 8-chl... Concentration Rank 36

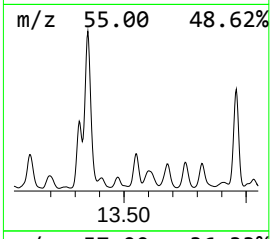
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	44.18 ug/L	3309550	1,4-Dichlorobenzene-d4	11.178

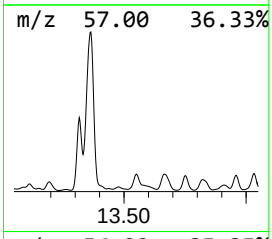
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorobenzoic acid, 8-chlorooc...	286	C15H20ClFO2	1000354-70-7	53
2	6-Fluoronicotinic acid	141	C6H4FNO2	000403-45-2	50
3	5-Fluoronicotinic acid	141	C6H4FNO2	000402-66-4	43
4	4-Amino-5-methyl-2(1H)-pyrimidin...	141	C5H7N3S	007390-56-9	43
5	L-Alanine, 3-cyano-, N-ethoxycar...	214	C9H14N2O4	1000452-47-5	38

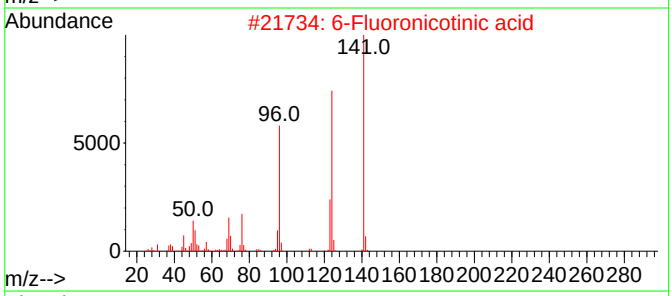


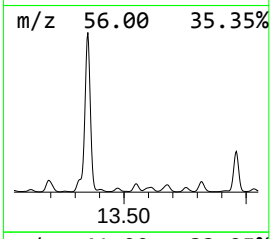


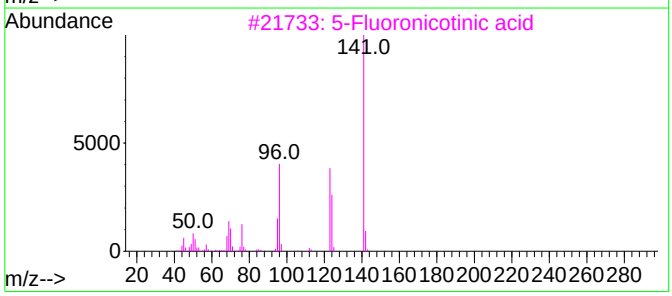


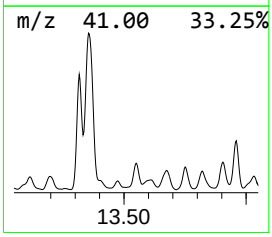












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

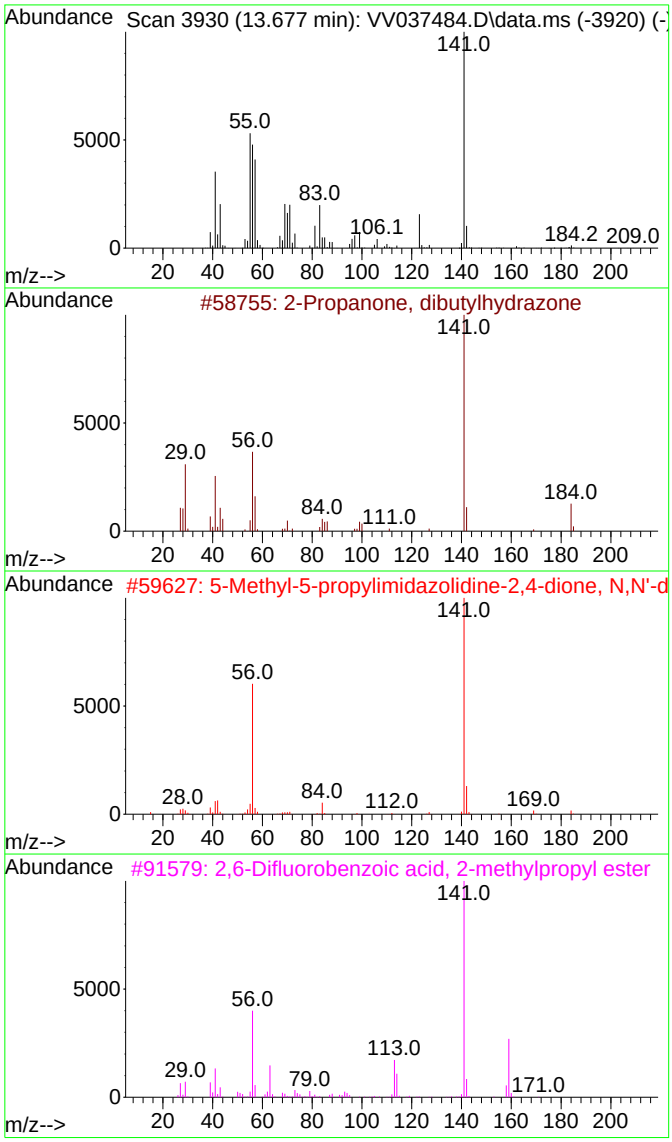
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

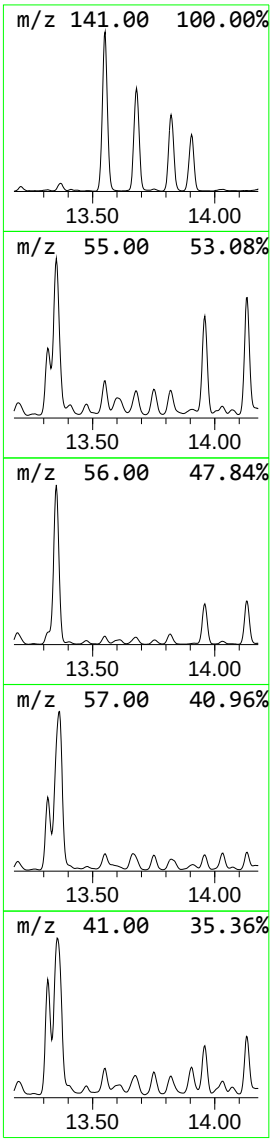
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 2-Propanone, dibutylhydrazone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.677	40.27 ug/L	3016600	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, dibutylhydrazone	184	C11H24N2	067660-52-0	53
2	5-Methyl-5-propylimidazolidine-2...	184	C9H16N2O2	883457-07-6	52
3	2,6-Difluorobenzoic acid, 2-meth...	214	C11H12F2O2	1000293-47-5	50
4	Nonanoic acid, 2-methylpentyl ester	242	C15H30O2	1010360-66-6	45
5	5-Fluoronicotinic acid	141	C6H4FNO2	000402-66-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

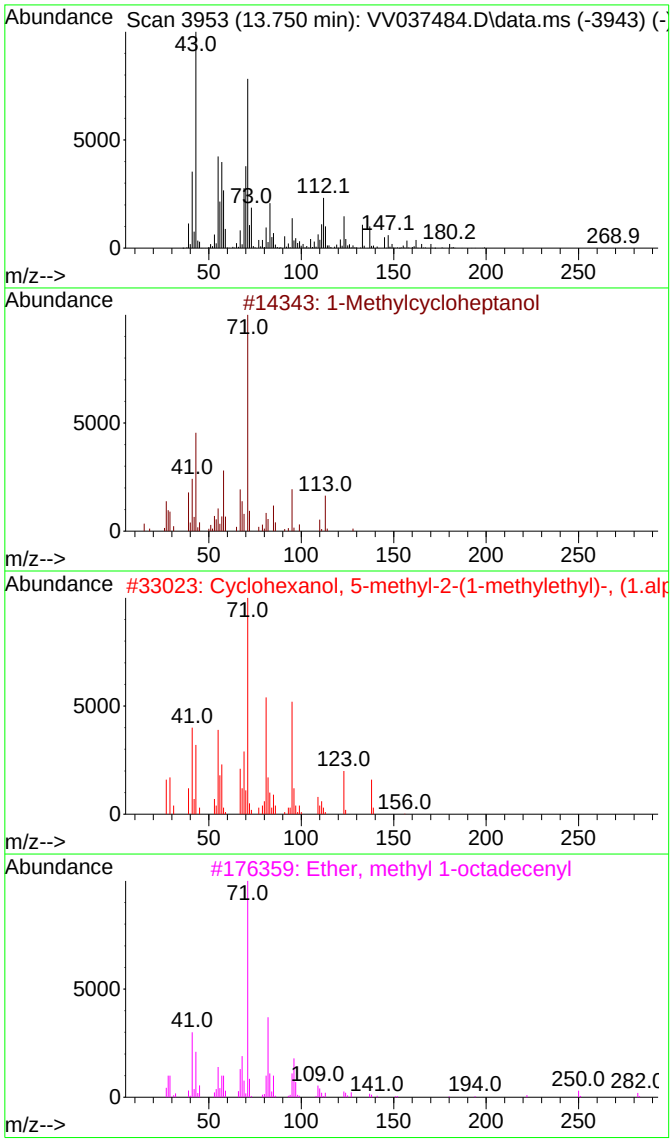
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

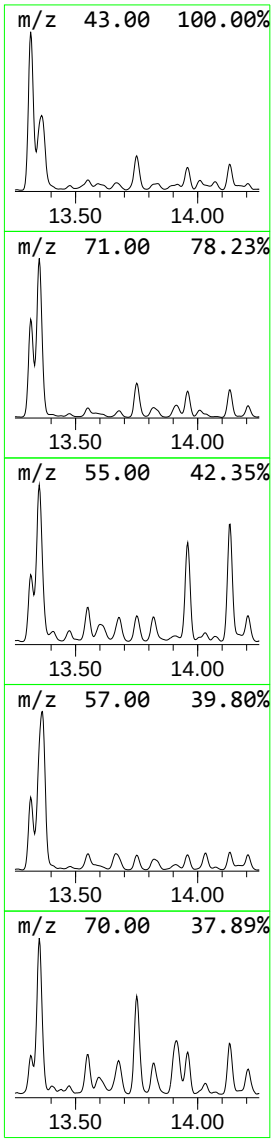
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	44.15 ug/L	3306710	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcycloheptanol	128	C8H16O	003761-94-2	43
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	003623-52-7	43
3	Ether, methyl 1-octadecenyl	282	C19H38O	026537-06-4	38
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5	1,6-Heptadien-4-ol, 4-propyl-	154	C10H18O	052939-61-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

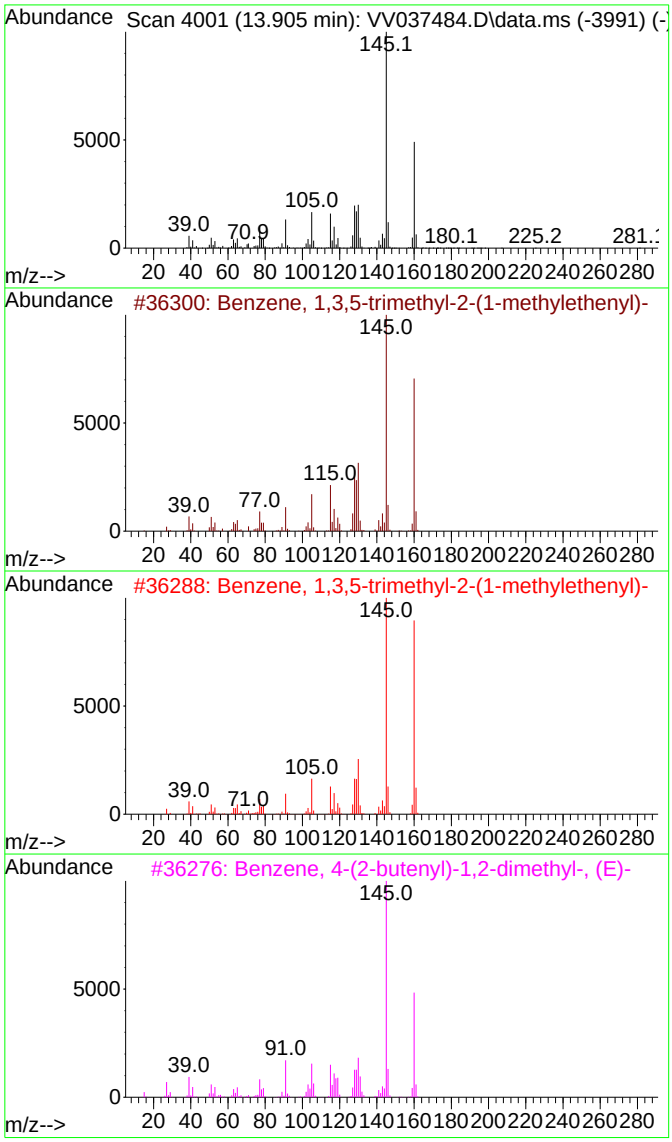
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

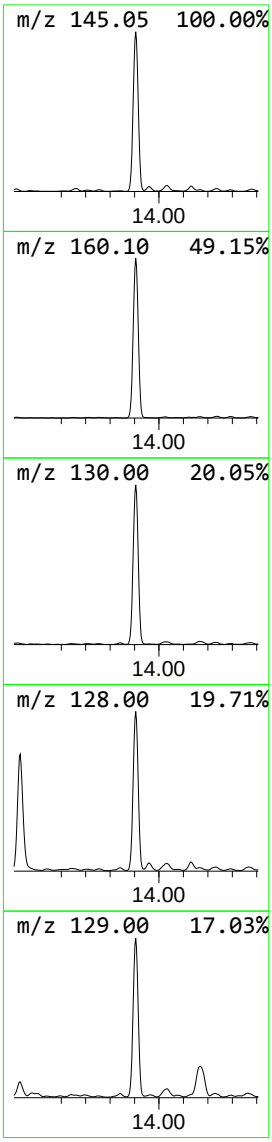
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.905	250.50 ug/L	18763800	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	96
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	95
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

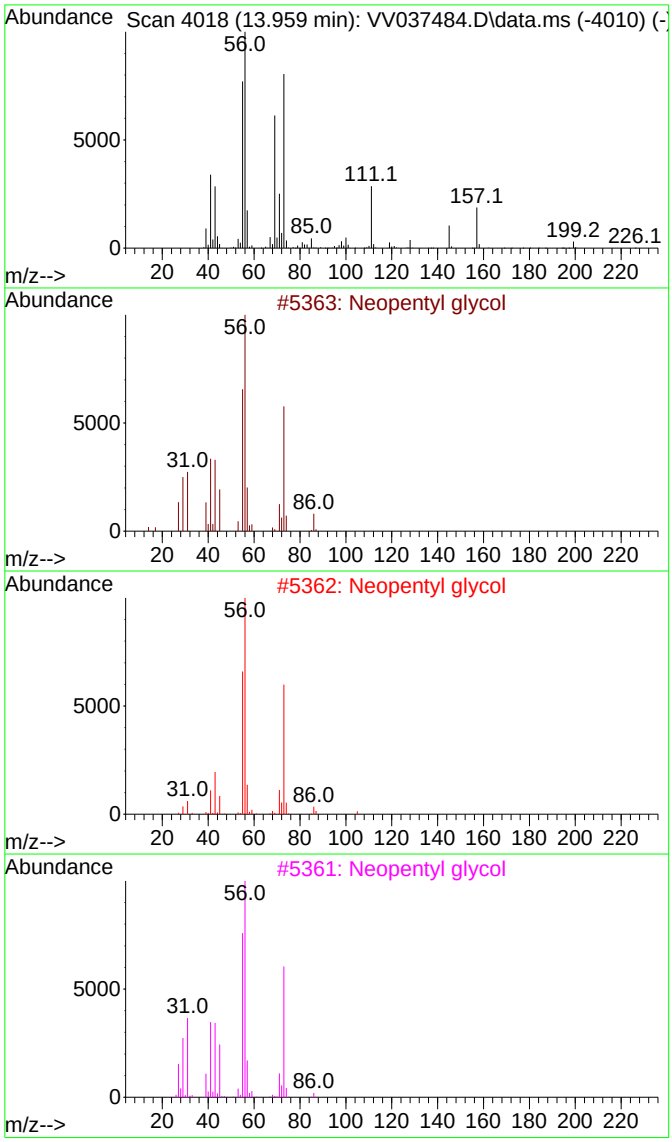
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

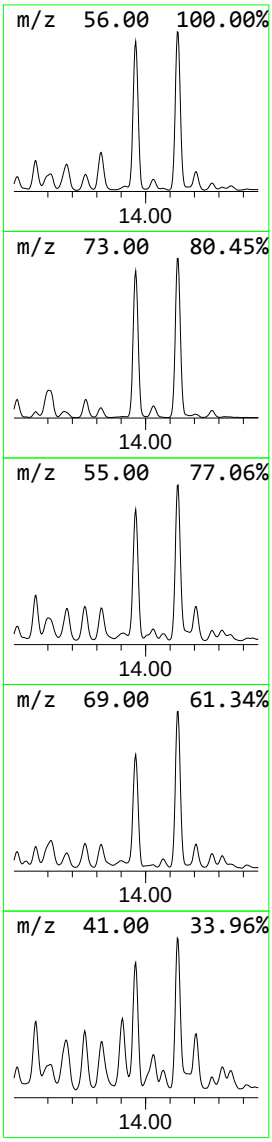
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Neopentyl glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.960	71.69 ug/L	5370220	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	50
2	Neopentyl glycol	104	C5H12O2	000126-30-7	50
3	Neopentyl glycol	104	C5H12O2	000126-30-7	40
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
5	1,3-Hexanediol, 2-ethyl- (isomer 1)	146	C8H18O2	1000484-18-2	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

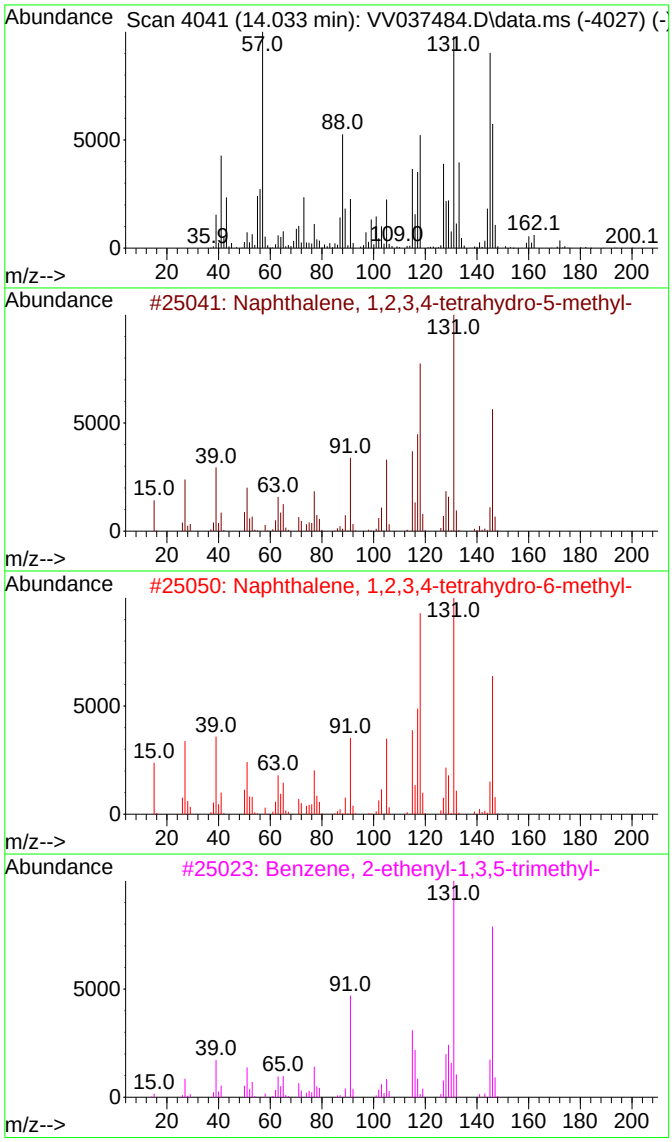
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

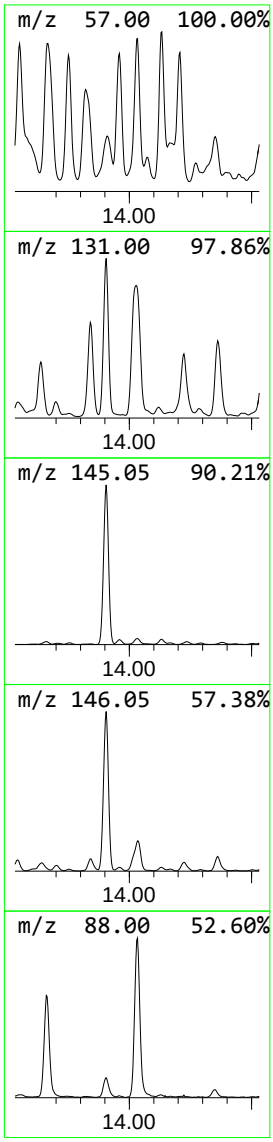
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.033	42.47 ug/L	3181350	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	41
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

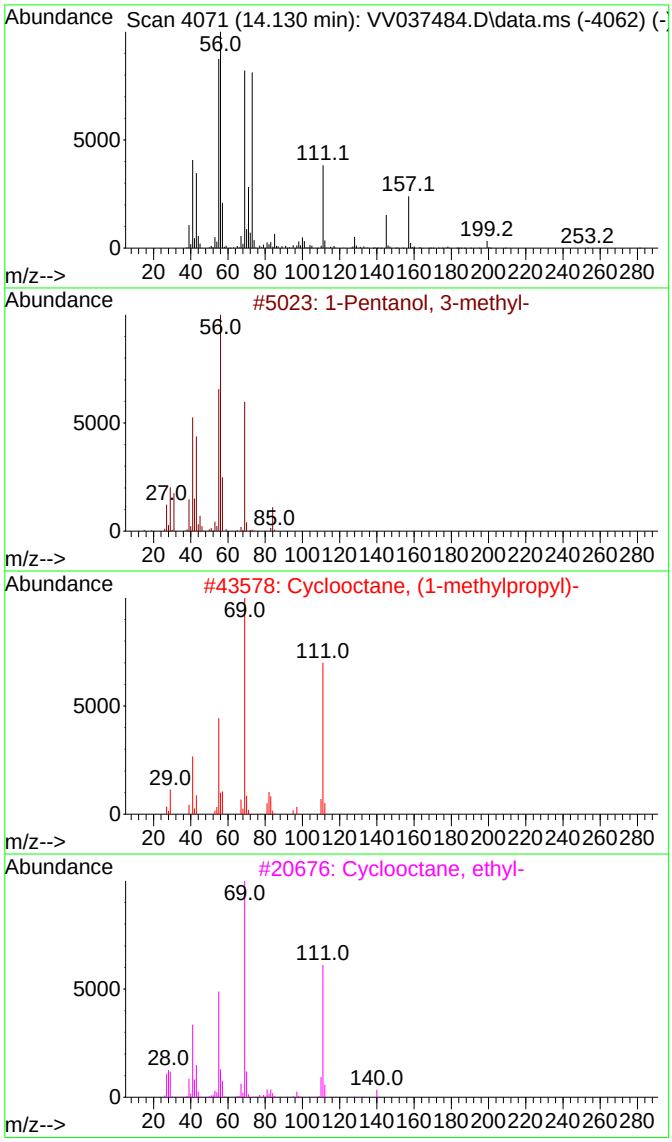
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

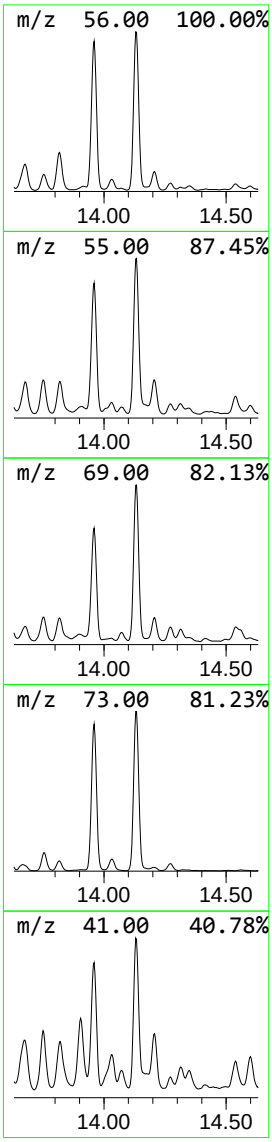
****

Peak Number 62 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.130	85.84 ug/L	6429790	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	47
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
4	Undecanol-4	172	C11H24O	004272-06-4	25
5	2-Pyrrolidinone, 1-ethenyl-	111	C6H9NO	000088-12-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

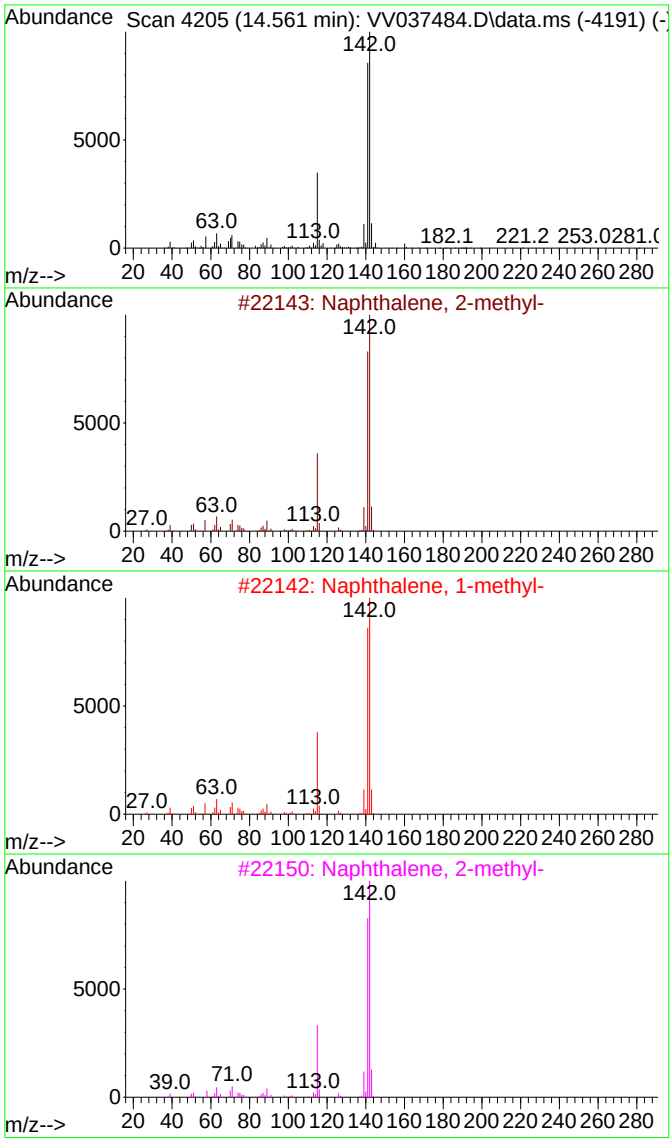
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

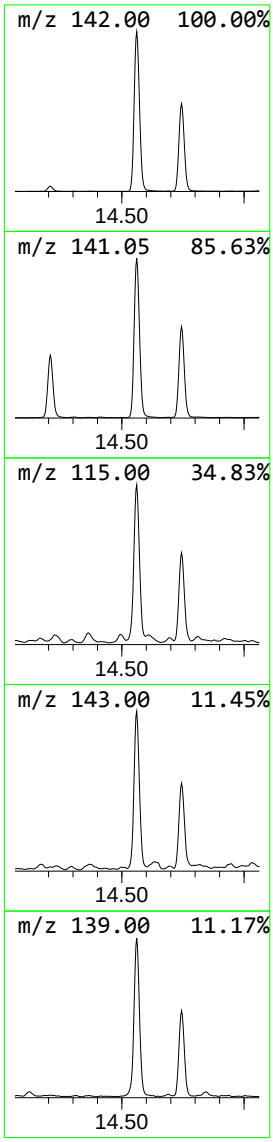
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.561	83.76 ug/L	6273960	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

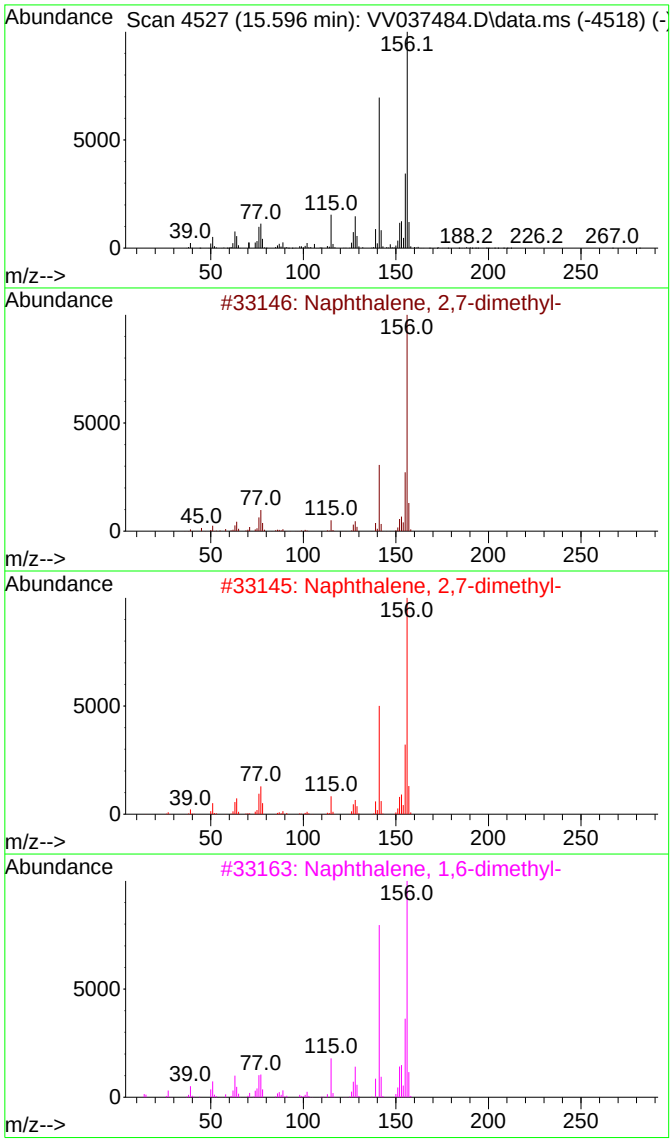
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

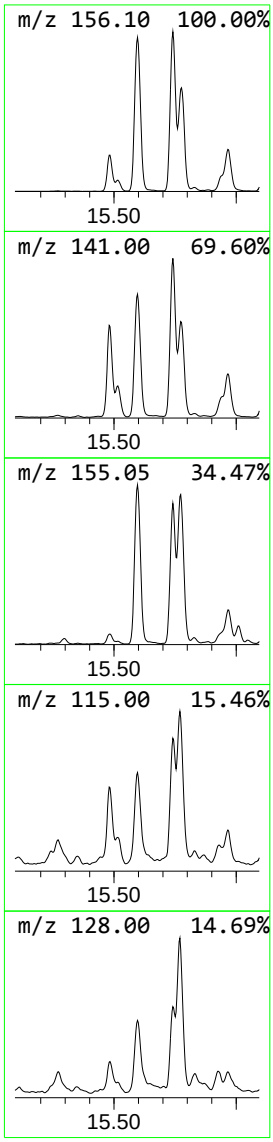
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 2,7-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.596	43.34 ug/L	3246220	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

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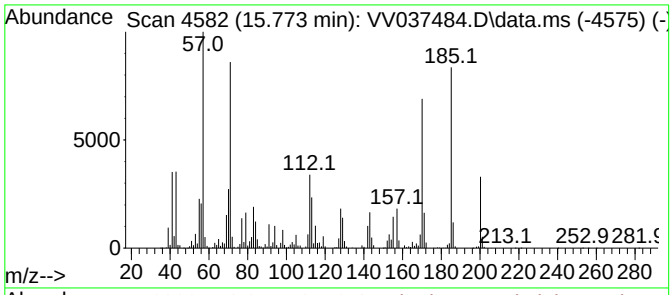
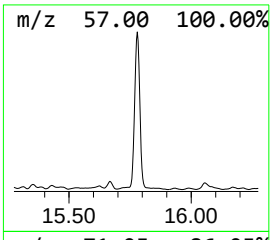
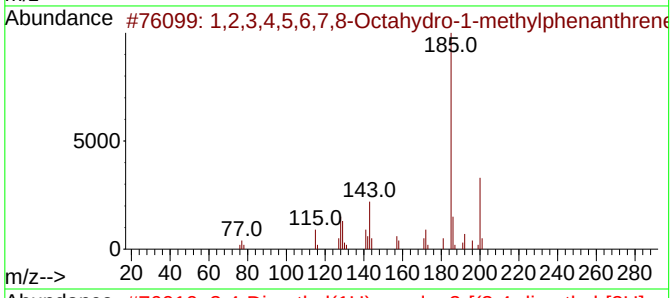
Peak Number 71 unknown-04 Concentration Rank 7

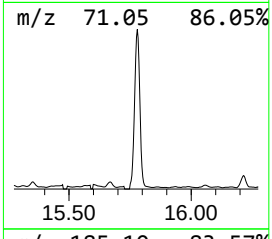
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.773	121.00 ug/L	9063290	1,4-Dichlorobenzene-d4	11.178

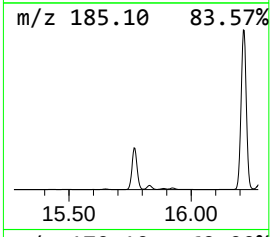
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	45
2	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	43
3	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	42
4	1-Ethanone, 1-(4-amino-2-methyl-...	200	C12H12N2O	1000319-69-9	27
5	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	25

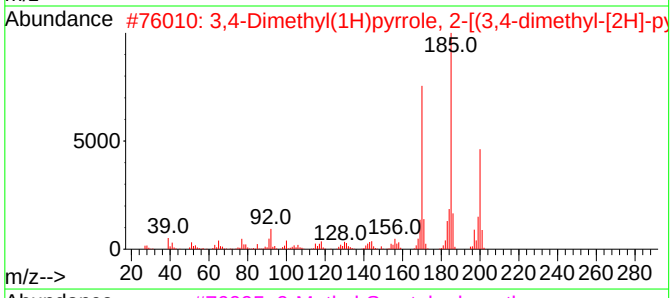


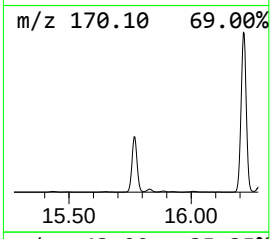


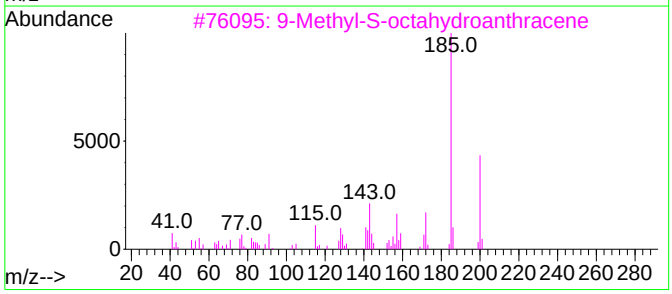


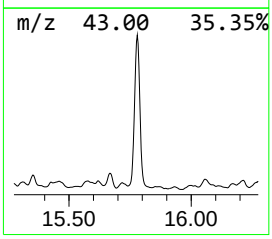












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

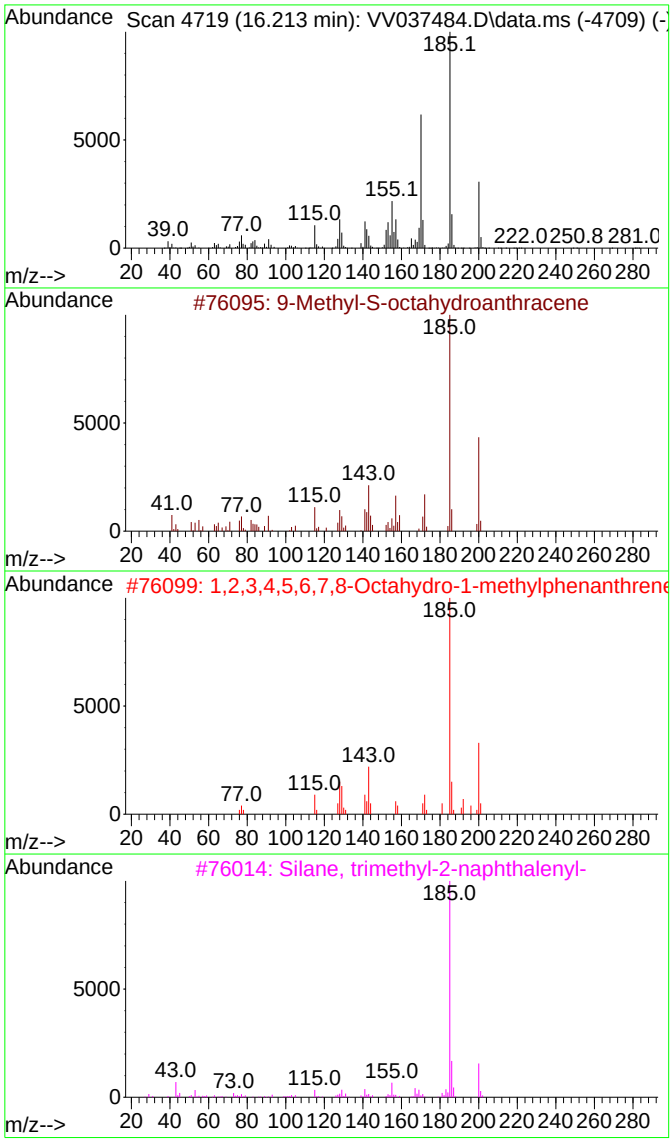
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

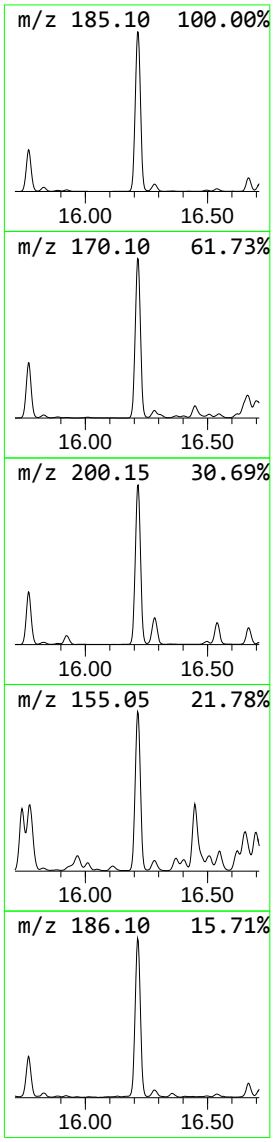
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 9-Methyl-S-octahydroanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.213	145.57 ug/L	10903900	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	60
2	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	55
3	Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	53
4	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	50
5	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

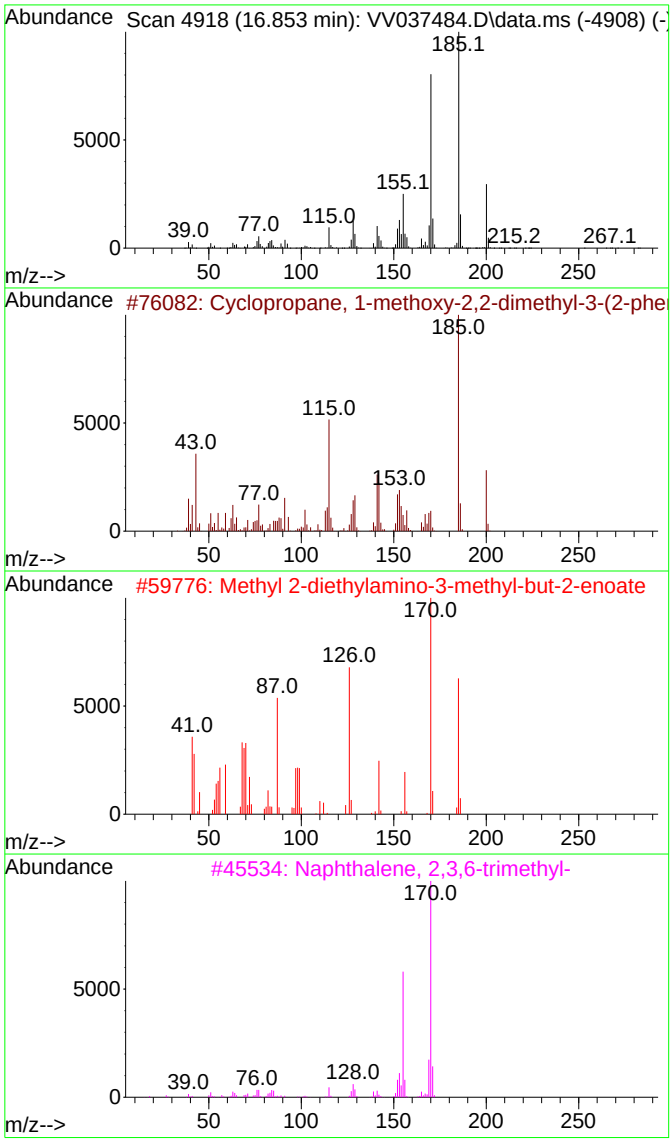
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

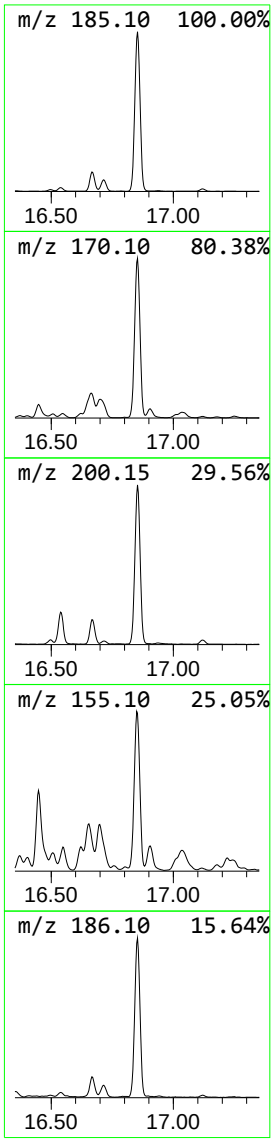
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 Cyclopropane, 1-methoxy-2,2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.853	102.92 ug/L	7709380	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	55
2	Methyl 2-diethylamino-3-methyl-b...	185	C10H19NO2	075122-81-5	50
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037484.D
Acq On : 23 Sep 2024 15:55
Operator : SY/MD
Sample : P4024-05ME 2X
Misc : 10.12G/5mL/100ul/5ml/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.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
Propanal, 2-met...	2.876	41.5	ug/L	1542600	1	5.526	1856950	50.0
Butanal	3.600	87.4	ug/L	3246770	1	5.526	1856950	50.0
(DEL) Alkane: S...	8.500	24.4	ug/L	1063560	2	8.780	2176920	50.0
(DEL) Alkane: S...	8.596	58.9	ug/L	2566010	2	8.780	2176920	50.0
(DEL) Alkane: S...	8.719	54.7	ug/L	2381830	2	8.780	2176920	50.0
(DEL) Alkane: S...	9.133	208.4	ug/L	9073510	2	8.780	2176920	50.0
(DEL) Alkane: C...	9.403	57.6	ug/L	2507840	2	8.780	2176920	50.0
(DEL) Alkane: S...	9.641	91.7	ug/L	3990580	2	8.780	2176920	50.0
(DEL) Alkane: C...	9.731	105.8	ug/L	4607700	2	8.780	2176920	50.0
(DEL) Alkane: S...	9.780	50.5	ug/L	2200290	2	8.780	2176920	50.0
(DEL) Alkane: S...	9.950	35.8	ug/L	1557950	2	8.780	2176920	50.0
(DEL) Alkane: S...	10.018	67.4	ug/L	5050240	3	11.178	3745250	50.0
(DEL) Alkane: S...	10.050	60.5	ug/L	4532220	3	11.178	3745250	50.0
Benzene, propyl-	10.281	44.4	ug/L	3322740	3	11.178	3745250	50.0
Benzene, 1-ethy...	10.378	196.3	ug/L	14703000	3	11.178	3745250	50.0
Benzene, 1-ethy...	10.667	58.7	ug/L	4396540	3	11.178	3745250	50.0
(DEL) Alkane: S...	10.770	14.6	ug/L	1096950	3	11.178	3745250	50.0
(DEL) Alkane: S...	10.966	34.7	ug/L	2600650	3	11.178	3745250	50.0
(DEL) Alkane: C...	11.088	34.2	ug/L	2562200	3	11.178	3745250	50.0
p-Cymene	11.124	47.6	ug/L	3566780	3	11.178	3745250	50.0
(DEL) Alkane: S...	11.230	46.3	ug/L	3465810	3	11.178	3745250	50.0
Benzene, 1,2,3-...	11.268	108.6	ug/L	8131750	3	11.178	3745250	50.0
(DEL) Alkane: S...	11.307	41.8	ug/L	3131190	3	11.178	3745250	50.0
(DEL) Alkane: S...	11.397	48.9	ug/L	3658800	3	11.178	3745250	50.0
Benzene, 1,4-di...	11.477	64.1	ug/L	4804550	3	11.178	3745250	50.0
(DEL) Alkane: S...	11.725	62.5	ug/L	4679840	3	11.178	3745250	50.0
Benzene, 2-ethy...	11.844	74.0	ug/L	5538920	3	11.178	3745250	50.0
Benzene, 1-meth...	11.873	68.5	ug/L	5128410	3	11.178	3745250	50.0
Benzene, 1-ethy...	11.947	89.9	ug/L	6734460	3	11.178	3745250	50.0
(DEL) Alkane: C...	12.307	37.4	ug/L	2797770	3	11.178	3745250	50.0
Benzene, 1,2,3,...	12.397	57.1	ug/L	4276720	3	11.178	3745250	50.0
1-Phenyl-1-butene	12.812	73.6	ug/L	5512970	3	11.178	3745250	50.0
2,4-Dipropyl-5-...	12.870	50.3	ug/L	3767220	3	11.178	3745250	50.0
unknown-01	13.114	40.4	ug/L	3024130	3	11.178	3745250	50.0
Benzene, 4-(2-b...	13.204	67.1	ug/L	5024090	3	11.178	3745250	50.0
5-Nonanone, 2,8...	13.316	175.7	ug/L	13163100	3	11.178	3745250	50.0
2-Fluorobenzoic...	13.551	44.2	ug/L	3309550	3	11.178	3745250	50.0
2-Propanone, di...	13.677	40.3	ug/L	3016600	3	11.178	3745250	50.0
unknown-02	13.751	44.1	ug/L	3306710	3	11.178	3745250	50.0
Benzene, 1,3,5-...	13.905	250.5	ug/L	18763800	3	11.178	3745250	50.0
Neopentyl glycol	13.960	71.7	ug/L	5370220	3	11.178	3745250	50.0
Naphthalene, 1,...	14.033	42.5	ug/L	3181350	3	11.178	3745250	50.0
unknown-03	14.130	85.8	ug/L	6429790	3	11.178	3745250	50.0
Naphthalene, 2-...	14.561	83.8	ug/L	6273960	3	11.178	3745250	50.0
Naphthalene, 2,...	15.596	43.3	ug/L	3246220	3	11.178	3745250	50.0
unknown-04	15.773	121.0	ug/L	9063290	3	11.178	3745250	50.0
9-Methyl-S-octa...	16.213	145.6	ug/L	10903900	3	11.178	3745250	50.0
Cyclopropane, 1...	16.853	102.9	ug/L	7709380	3	11.178	3745250	50.0