LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036227.D
Acq On : 22 Jun 2024 00:09
Operator : SY/MD
Sample : P2987-19
Misc : 5.68g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA7

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: VV036227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	64	72	89	rBV	270671	305497	15.37%	1.911%
2	1.526	143	151	167	rVB	235661	285522	14.36%	1.786%
3	2.050	303	314	332	rBV	461055	687397	34.58%	4.301%
4	2.442	424	436	455	rVV	83968	148184	7.45%	0.927%
5	2.561	468	473	478	rVB5	1016	1038	0.05%	0.006%
6	2.963	588	598	614	rVV2	12337	25204	1.27%	0.158%
7	3.021	614	616	622	rVB5	671	528	0.03%	0.003%
8	3.146	653	655	660	rVB3	750	440	0.02%	0.003%
9	3.172	660	663	667	rBV2	638	419	0.02%	0.003%
10	3.371	718	725	729	rBV2	643	679	0.03%	0.004%
11	3.767	844	848	851	rBV2	601	512	0.03%	0.003%
12	3.838	858	870	899	rBV2	19422	89607	4.51%	0.561%
13	4.243	978	996	1036	rBV	313350	835277	42.02%	5.226%
14	4.510	1074	1079	1082	rBV2	515	428	0.02%	0.003%
15	4.571	1082	1098	1116	rBV2	31702	79479	4.00%	0.497%
16	4.812	1159	1173	1199	rBV2	45640	114992	5.78%	0.719%
17	4.950	1201	1216	1248	rBV2	754046	1949875	98.09%	12.200%
18	5.404	1345	1357	1382	rBV	96923	208444	10.49%	1.304%
19	5.529	1384	1396	1429	rBV	792817	1625085	81.75%	10.168%
20	5.828	1477	1489	1505	rBV3	28256	63775	3.21%	0.399%
21	5.985	1525	1538	1566	rBV	441168	923637	46.46%	5.779%
22	6.294	1632	1634	1637	rVB3	887	400	0.02%	0.003%
23	6.539	1705	1710	1711	rBV3	677	489	0.02%	0.003%
24	6.593	1720	1727	1730	rBV5	1304	1564	0.08%	0.010%
25	6.635	1738	1740	1744	rVB3	488	372	0.02%	0.002%
26	6.670	1744	1751	1753	rVB4	695	546	0.03%	0.003%
27	6.686	1753	1756	1761	rVB4	636	440	0.02%	0.003%
28	6.715	1761	1765	1768	rBV3	538	451	0.02%	0.003%
29	6.741	1768	1773	1776	rBV4	504	493	0.02%	0.003%
30	6.911	1815	1826	1857	rBV	193238	377179	18.97%	2.360%
31	7.239	1914	1928	1961	rBV	864517	1526131	76.77%	9.548%
32	7.503	2002	2010	2016	rBV7	2075	2902	0.15%	0.018%
33	7.551	2016	2025	2046	rBV	122207	230692	11.60%	1.443%
34	7.773	2090	2094	2099	rVB4	783	735	0.04%	0.005%
35	7.873	2114	2125	2135	rBV2	18189	33235	1.67%	0.208%
36	7.918	2137	2139	2144	rVB5	1028	627	0.03%	0.004%

LSC Area Percent Report

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Instrument :
MSVOA_V
ClientSampleId :
C0TA7

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

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

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

37	8.030	2162	2174	2214	rBV	105896	255608	12.86%	1.599%
38	8.259	2238	2245	2263	rVB2	9307	20315	1.02%	0.127%
39	8.503	2315	2321	2326	rBV6	1752	2652	0.13%	0.017%
40	8.603	2344	2352	2363	rVB6	6402	11069	0.56%	0.069%
41	8.728	2381	2391	2397	rBV3	6006	9997	0.50%	0.063%
42	8.783	2397	2408	2441	rVV	1209686	1987896	100.00%	12.438%
43	9.085	2498	2502	2510	rVV6	3419	4674	0.24%	0.029%
44	9.140	2511	2519	2537	rVB2	30893	51418	2.59%	0.322%
45	9.230	2542	2547	2549	rBV5	765	726	0.04%	0.005%
46	9.252	2549	2554	2561	rVB8	1248	1867	0.09%	0.012%
47	9.333	2575	2579	2581	rBV2	925	711	0.04%	0.004%
48	9.407	2587	2602	2609	rVV10	7231	14484	0.73%	0.091%
49	9.493	2621	2629	2646	rBV	69821	132034	6.64%	0.826%
50	9.648	2670	2677	2687	rVB	22375	31783	1.60%	0.199%
51	9.841	2733	2737	2750	rVB9	6294	12485	0.63%	0.078%
52	9.911	2752	2759	2764	rBV7	6229	9464	0.48%	0.059%
53	9.953	2766	2772	2780	rVV5	11714	17954	0.90%	0.112%
54	10.149	2823	2833	2853	rVB	325376	554526	27.90%	3.469%
55	10.323	2878	2887	2897	rBV4	18992	34196	1.72%	0.214%
56	10.445	2918	2925	2934	rBV3	16446	26043	1.31%	0.163%
57	10.516	2940	2947	2968	rVB2	67432	112193	5.64%	0.702%
58	10.709	3001	3007	3019	rVB2	18027	27971	1.41%	0.175%
59	10.972	3086	3089	3090	rBV3	1531	867	0.04%	0.005%
60	11.091	3118	3126	3133	rBV3	10052	15420	0.78%	0.096%
61	11.181	3144	3154	3178	rBV	1159544	1752119	88.14%	10.962%
62	11.455	3237	3239	3241	rBV3	1031	625	0.03%	0.004%
63	11.487	3241	3249	3259	rVV4	18981	39225	1.97%	0.245%
64	11.558	3260	3271	3293	rVB	765801	1207403	60.74%	7.554%
65	12.194	3458	3469	3480	rBV2	13457	22431	1.13%	0.140%
66	12.304	3496	3503	3514	rVB2	4990	9550	0.48%	0.060%
67	12.406	3529	3535	3541	rBV8	2251	2901	0.15%	0.018%
68	12.522	3569	3571	3574	rBV4	599	455	0.02%	0.003%
69	12.622	3600	3602	3606	rVB3	781	398	0.02%	0.002%
70	12.702	3623	3627	3630	rBV4	712	536	0.03%	0.003%
71	12.722	3630	3633	3635	rBV	617	369	0.02%	0.002%
72	12.734	3635	3637	3642	rVB3	816	506	0.03%	0.003%
73	12.828	3660	3666	3672	rVB6	2127	2531	0.13%	0.016%
74	12.857	3672	3675	3678	rBV3	540	364	0.02%	0.002%
75	13.123	3756	3758	3763	rBV4	551	482	0.02%	0.003%
76	13.159	3767	3769	3774	rVB	565	423	0.02%	0.003%

LSC Area Percent Report

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA7

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	13.384	3835	3839	3841	rBV3	1280	1017	0.05%	0.006%
78	13.445	3851	3858	3866	rBV2	7668	11412	0.57%	0.071%
79	13.516	3878	3880	3884	rVB3	646	365	0.02%	0.002%
80	13.680	3923	3931	3941	rVB2	6128	9640	0.48%	0.060%
81	13.750	3950	3953	3959	rVB3	646	596	0.03%	0.004%
82	13.889	3993	3996	3998	rBV3	762	475	0.02%	0.003%
83	13.921	4003	4006	4012	rVV6	665	755	0.04%	0.005%
84	13.950	4012	4015	4016	rVV4	626	369	0.02%	0.002%
85	13.982	4016	4025	4037	rVB2	18890	30206	1.52%	0.189%
86	14.049	4042	4046	4047	rBV2	495	373	0.02%	0.002%
87	14.078	4052	4055	4056	rBV2	576	368	0.02%	0.002%
88	14.098	4058	4061	4063	rVV4	638	425	0.02%	0.003%
89	14.127	4067	4070	4075	rVV6	1572	1351	0.07%	0.008%
90	14.246	4103	4107	4108	rVB3	628	427	0.02%	0.003%
91	14.262	4108	4112	4114	rBV4	682	504	0.03%	0.003%
92	14.303	4119	4125	4134	rVB9	2465	4349	0.22%	0.027%
93	14.387	4148	4151	4153	rBV4	966	787	0.04%	0.005%
94	14.590	4210	4214	4221	rBV7	2380	2790	0.14%	0.017%
95	14.622	4221	4224	4226	rBV4	1167	801	0.04%	0.005%
96	14.683	4239	4243	4247	rBV4	866	830	0.04%	0.005%
97	14.750	4262	4264	4265	rBV2	1176	542	0.03%	0.003%
98	15.069	4358	4363	4366	rBV7	1163	1342	0.07%	0.008%
99	15.583	4514	4523	4528	rBV3	7728	12394	0.62%	0.078%
100	16.226	4719	4723	4728	rBV6	1873	1961	0.10%	0.012%

Sum of corrected areas: 15983025

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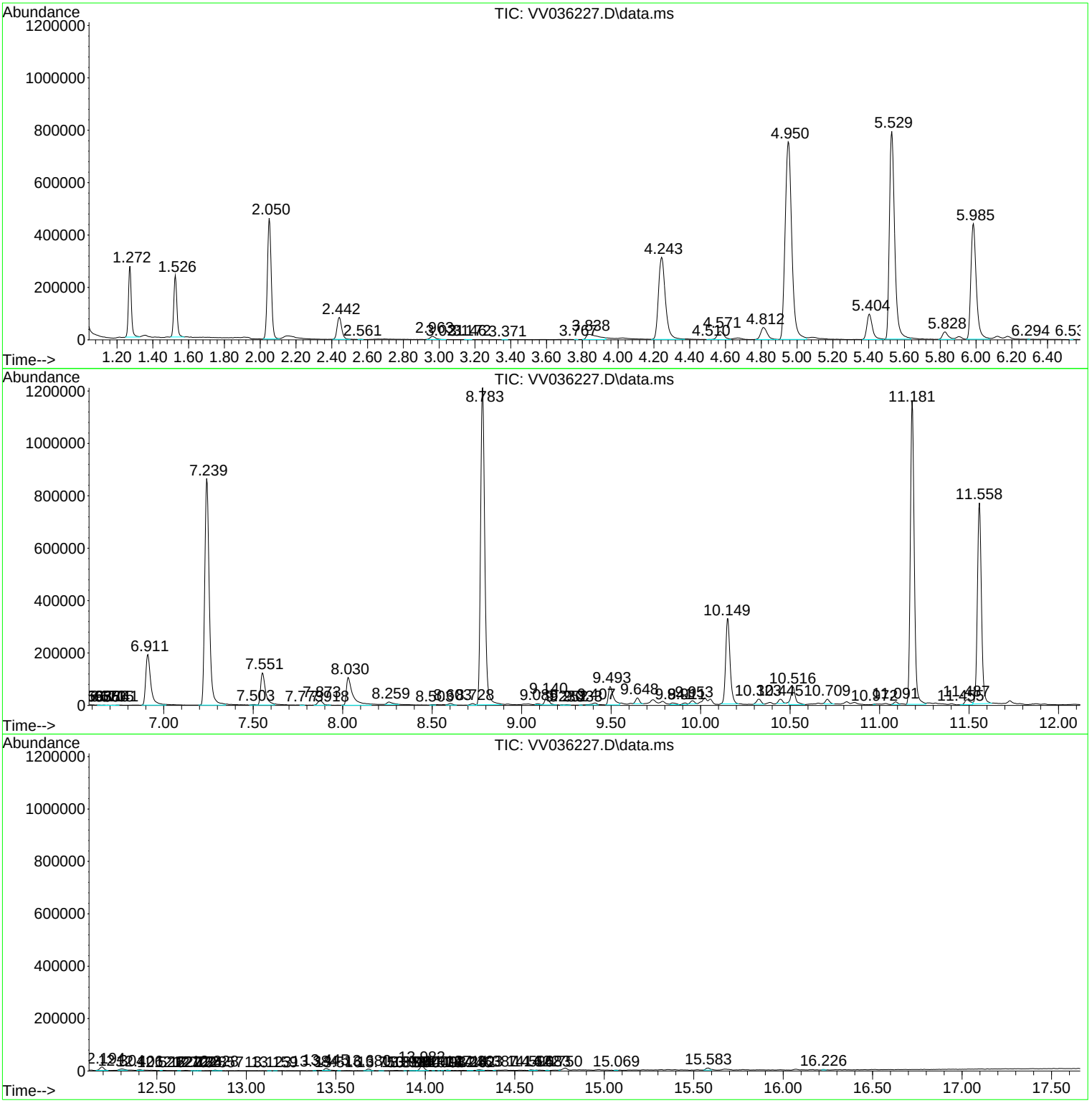
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA7

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



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Instrument :
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ClientSampleId :
C0TA7

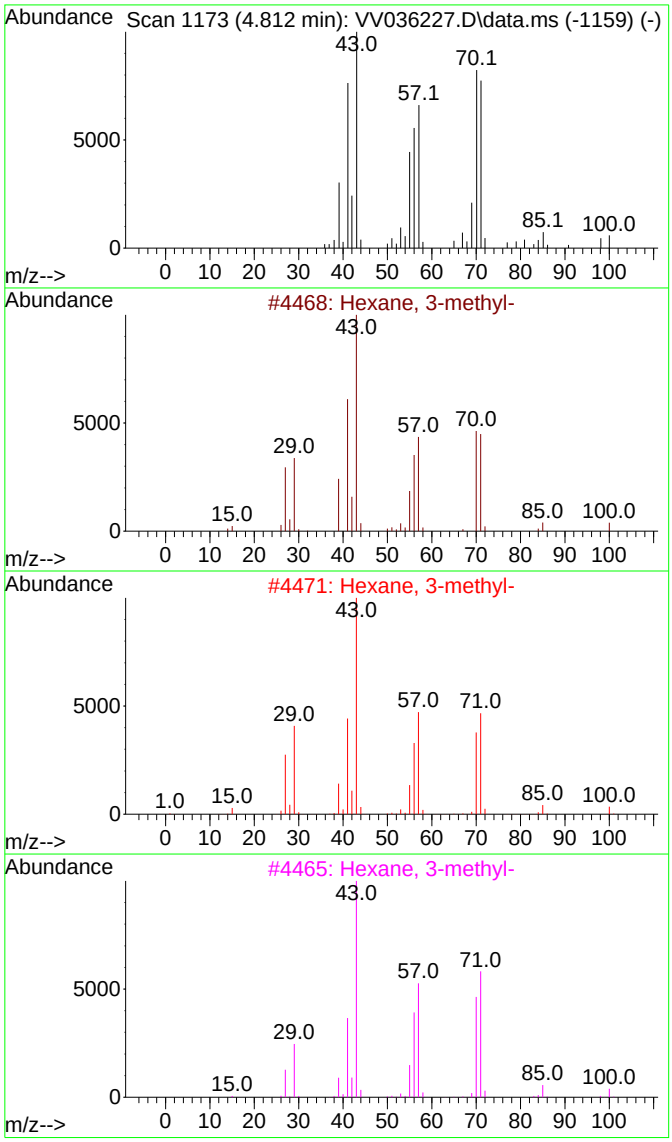
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

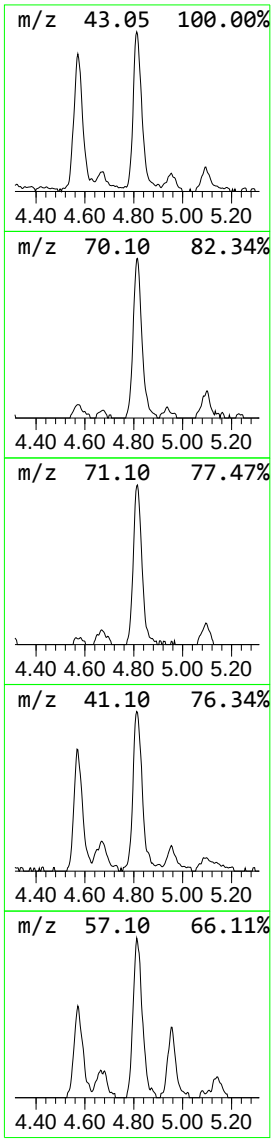
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.812	1.77 ug/L	114992	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	53





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Instrument :
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ClientSampleId :
C0TA7

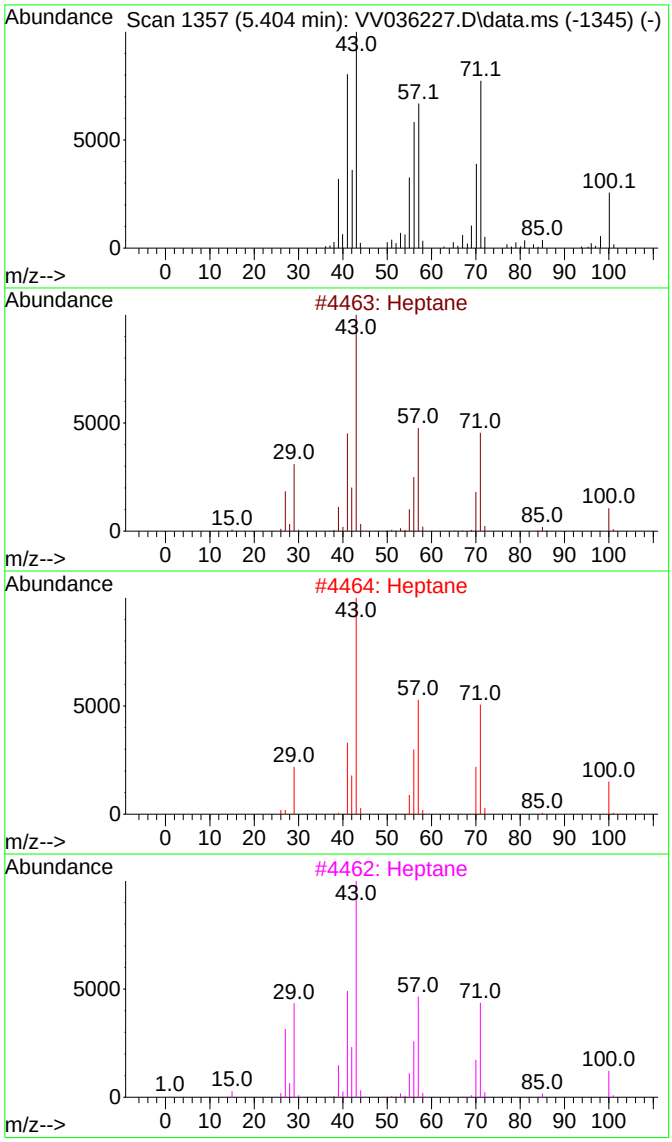
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

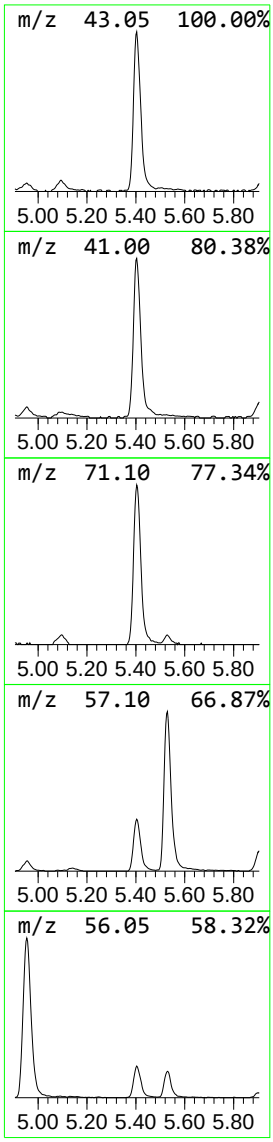
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.404	3.21 ug/L	208444	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	86
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50





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Instrument :
MSVOA_V
ClientSampleId :
C0TA7

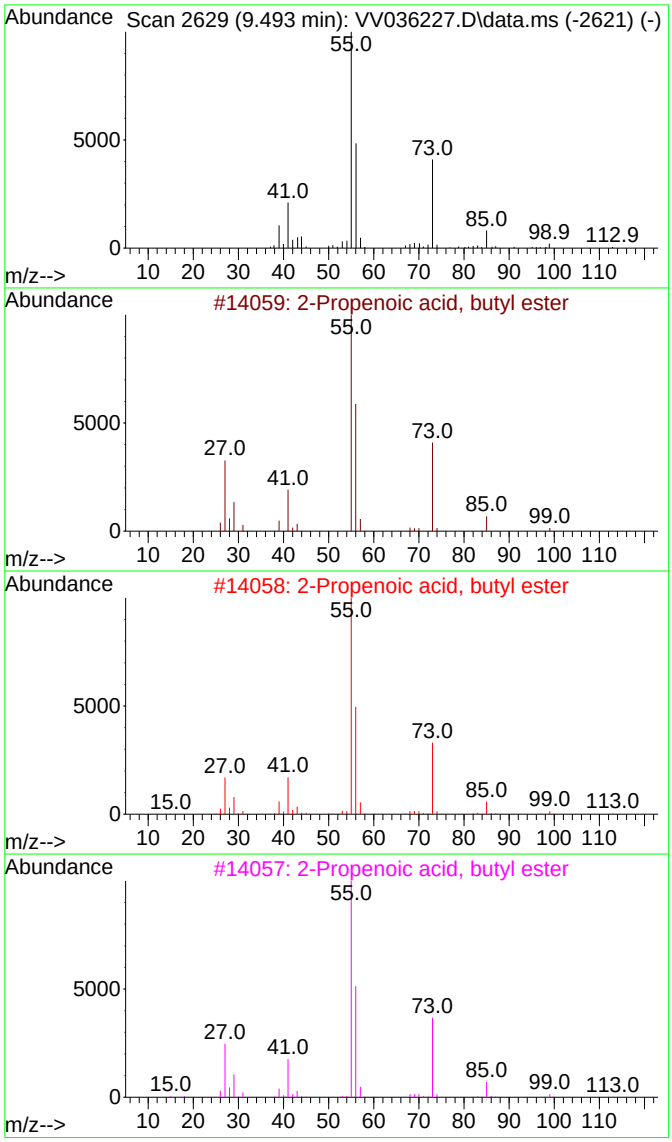
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

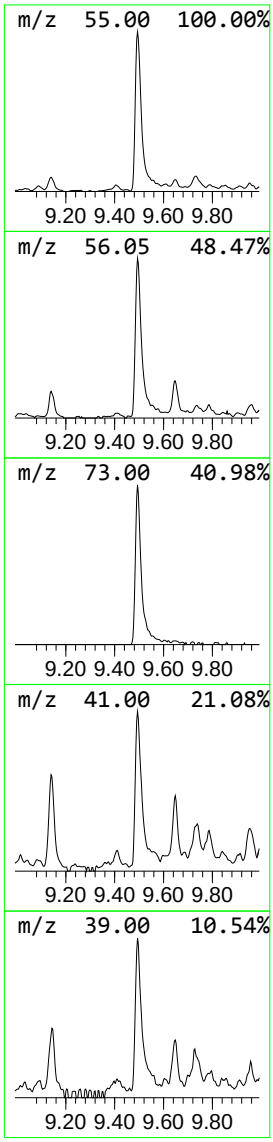
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propenoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.493	1.66 ug/L	132034	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	72
2	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	72
3	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	64
4	2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	59
5	Isobutyl acrylate	128	C7H12O2	000106-63-8	59





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ClientSampleId :
C0TA7

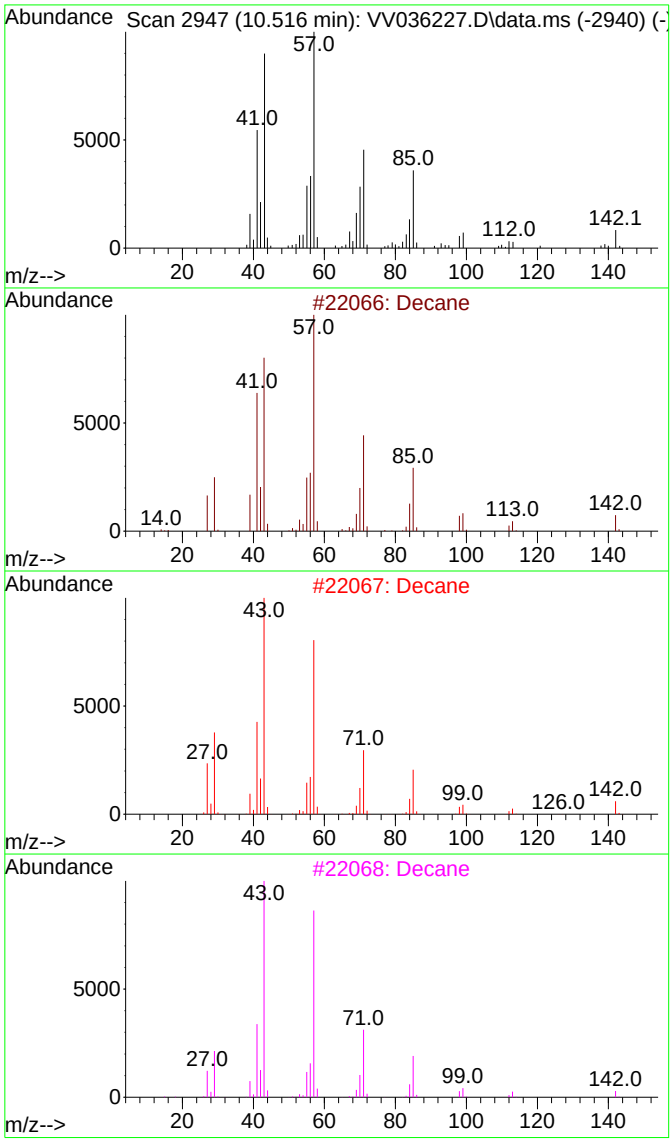
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

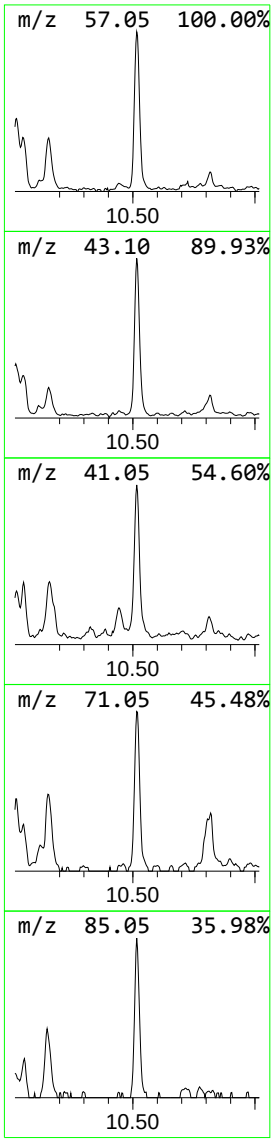
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	1.60 ug/L	112193	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Decane	142	C10H22	000124-18-5	83
3	Decane	142	C10H22	000124-18-5	72
4	Octane	114	C8H18	000111-65-9	59
5	Decane	142	C10H22	000124-18-5	58





Tentatively Identified Compound (LSC) summary

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA7

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.812	1.8	ug/L	114992	1	5.529	1625090	25.0
(DEL) Alkane: S...	5.404	3.2	ug/L	208444	1	5.529	1625090	25.0
2-Propenoic aci...	9.493	1.7	ug/L	132034	2	8.783	1987900	25.0
(DEL) Alkane: S...	10.516	1.6	ug/L	112193	3	11.181	1752120	25.0