LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036185.D
Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

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: VV036185.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	65	72	88	rVB	244207	268950	15.33%	2.024%
2	1.526	144	151	166	rVB	210388	252438	14.38%	1.900%
3	2.050	304	314	330	rVB	400888	606687	34.57%	4.567%
4	2.439	425	435	461	rVB	174280	301348	17.17%	2.268%
5	2.873	565	570	572	rBV3	654	577	0.03%	0.004%
6	2.963	584	598	612	rVV4	14908	32389	1.85%	0.244%
7	3.098	637	640	644	rBV4	498	361	0.02%	0.003%
8	3.188	662	668	671	rBV5	413	416	0.02%	0.003%
9	3.249	684	687	691	rBV3	465	434	0.02%	0.003%
10	3.352	715	719	724	rBV3	454	470	0.03%	0.004%
11	3.426	739	742	747	rVB2	498	342	0.02%	0.003%
12	3.497	759	764	765	rBV2	430	346	0.02%	0.003%
13	3.838	860	870	908	rBV2	21510	102350	5.83%	0.770%
14	4.243	979	996	1033	rBV	282837	752065	42.85%	5.661%
15	4.552	1089	1092	1094	rBV4	522	399	0.02%	0.003%
16	4.796	1161	1168	1169	rBV4	692	667	0.04%	0.005%
17	4.822	1169	1176	1179	rBV5	1482	1906	0.11%	0.014%
18	4.950	1201	1216	1249	rBV2	688637	1754919	100.00%	13.210%
19	5.349	1336	1340	1346	rVB3	488	512	0.03%	0.004%
20	5.420	1350	1362	1373	rBV8	2383	5521	0.31%	0.042%
21	5.529	1384	1396	1425	rBV	479374	1007153	57.39%	7.581%
22	5.825	1477	1488	1513	rBV3	27891	63503	3.62%	0.478%
23	5.986	1525	1538	1569	rBV	393002	831204	47.36%	6.257%
24	6.288	1629	1632	1639	rVB4	666	814	0.05%	0.006%
25	6.452	1680	1683	1684	rVV	535	318	0.02%	0.002%
26	6.574	1718	1721	1723	rBV2	432	329	0.02%	0.002%
27	6.722	1760	1767	1768	rBV	685	532	0.03%	0.004%
28	6.912	1815	1826	1857	rBV	166883	330994	18.86%	2.492%
29	7.240	1917	1928	1959	rBV	761966	1359894	77.49%	10.236%
30	7.555	2016	2026	2050	rBV	105506	205068	11.69%	1.544%
31	7.873	2115	2125	2132	rBV3	12419	22749	1.30%	0.171%
32	7.908	2132	2136	2152	rVB3	13056	22226	1.27%	0.167%
33	8.031	2166	2174	2203	rBV	101957	229481	13.08%	1.727%
34	8.426	2292	2297	2300	rVB4	1049	897	0.05%	0.007%
35	8.449	2300	2304	2307	rBV2	581	430	0.02%	0.003%
36	8.503	2317	2321	2325	rBV5	473	481	0.03%	0.004%

LSC Area Percent Report

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Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

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	8.545	2330	2334	2340	rBV5	645	633	0.04%	0.005%
38	8.635	2360	2362	2367	rVB2	437	362	0.02%	0.003%
39	8.661	2367	2370	2373	rBV3	496	475	0.03%	0.004%
40	8.722	2386	2389	2391	rBV3	561	322	0.02%	0.002%
41	8.783	2397	2408	2438	rBV	759817	1256512	71.60%	9.458%
42	9.059	2492	2494	2497	rBV2	504	339	0.02%	0.003%
43	9.211	2538	2541	2544	rVV3	796	502	0.03%	0.004%
44	9.342	2580	2582	2586	rVB2	569	340	0.02%	0.003%
45	9.378	2589	2593	2594	rVV4	679	499	0.03%	0.004%
46	9.410	2596	2603	2613	rVB8	2115	3464	0.20%	0.026%
47	9.481	2622	2625	2626	rBV	824	504	0.03%	0.004%
48	9.609	2656	2665	2668	rBV5	1346	1929	0.11%	0.015%
49	9.696	2687	2692	2693	rBV2	578	398	0.02%	0.003%
50	9.735	2695	2704	2713	rVV10	4268	8260	0.47%	0.062%
51	9.789	2715	2721	2731	rVB7	2001	3070	0.17%	0.023%
52	9.847	2734	2739	2742	rBV4	699	736	0.04%	0.006%
53	9.908	2754	2758	2761	rBV5	1332	1212	0.07%	0.009%
54	9.953	2766	2772	2779	rBV4	1603	2197	0.13%	0.017%
55	10.056	2800	2804	2812	rVB6	1403	1851	0.11%	0.014%
56	10.153	2821	2834	2853	rBV	295796	484710	27.62%	3.649%
57	10.323	2877	2887	2898	rVB3	12334	21024	1.20%	0.158%
58	10.387	2898	2907	2916	rBV8	2707	4959	0.28%	0.037%
59	10.448	2917	2926	2938	rBV2	17010	32208	1.84%	0.242%
60	10.657	2988	2991	2992	rVV2	889	559	0.03%	0.004%
61	10.677	2995	2997	2998	rVV2	1166	478	0.03%	0.004%
62	10.709	2999	3007	3021	rVB2	14135	23014	1.31%	0.173%
63	10.818	3035	3041	3047	rBV6	2885	4036	0.23%	0.030%
64	10.860	3047	3054	3061	rVB3	5060	8160	0.46%	0.061%
65	10.969	3081	3088	3092	rBV5	1254	1830	0.10%	0.014%
66	11.088	3116	3125	3132	rBV7	2757	4157	0.24%	0.031%
67	11.133	3132	3139	3143	rBV7	1848	2386	0.14%	0.018%
68	11.182	3144	3154	3176	rBV	712248	1111148	63.32%	8.364%
69	11.487	3238	3249	3259	rBV3	22624	49312	2.81%	0.371%
70	11.558	3260	3271	3300	rVB	725826	1170423	66.69%	8.810%
71	12.053	3423	3425	3429	rBV4	705	572	0.03%	0.004%
72	12.104	3439	3441	3448	rBV4	512	468	0.03%	0.004%
73	12.191	3460	3468	3482	rVB2	12176	19986	1.14%	0.150%
74	12.300	3498	3502	3507	rBV6	1367	1324	0.08%	0.010%
75	12.606	3595	3597	3600	rVB3	711	342	0.02%	0.003%
76	12.670	3612	3617	3618	rBV2	603	469	0.03%	0.004%

LSC Area Percent Report

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Acq On : 21 Jun 2024 00:48
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Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

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

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

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

77	12.825	3658	3665	3666	rBV5	2042	1587	0.09%	0.012%
78	12.876	3678	3681	3683	rBV4	718	485	0.03%	0.004%
79	12.963	3704	3708	3709	rBV3	614	439	0.03%	0.003%
80	13.005	3719	3721	3725	rVB3	543	365	0.02%	0.003%
81	13.333	3819	3823	3826	rBV4	589	512	0.03%	0.004%
82	13.445	3850	3858	3871	rVV2	7338	12730	0.73%	0.096%
83	13.580	3897	3900	3903	rVV3	558	353	0.02%	0.003%
84	13.609	3906	3909	3912	rBV2	529	424	0.02%	0.003%
85	13.686	3921	3933	3941	rBV2	8107	12662	0.72%	0.095%
86	13.760	3951	3956	3959	rBV3	830	705	0.04%	0.005%
87	13.837	3975	3980	3991	rVB5	2490	3609	0.21%	0.027%
88	13.889	3993	3996	3997	rBV2	537	326	0.02%	0.002%
89	13.982	4013	4025	4036	rBV2	4570	8159	0.46%	0.061%
90	14.107	4061	4064	4065	rBV2	817	430	0.02%	0.003%
91	14.159	4078	4080	4082	rVB2	723	329	0.02%	0.002%
92	14.178	4084	4086	4091	rVB6	661	438	0.02%	0.003%
93	14.275	4109	4116	4117	rBV6	1101	1179	0.07%	0.009%
94	14.406	4152	4157	4164	rBV8	2667	3915	0.22%	0.029%
95	14.529	4189	4195	4204	rBV6	4662	6713	0.38%	0.051%
96	14.593	4208	4215	4222	rBV5	10960	15646	0.89%	0.118%
97	14.786	4265	4275	4283	rBV	70500	101960	5.81%	0.767%
98	15.355	4445	4452	4461	rBV	90741	126161	7.19%	0.950%
99	15.673	4542	4551	4566	rBV	244319	359546	20.49%	2.706%
100	16.509	4803	4811	4824	rBV	163997	241765	13.78%	1.820%

Sum of corrected areas: 13284778

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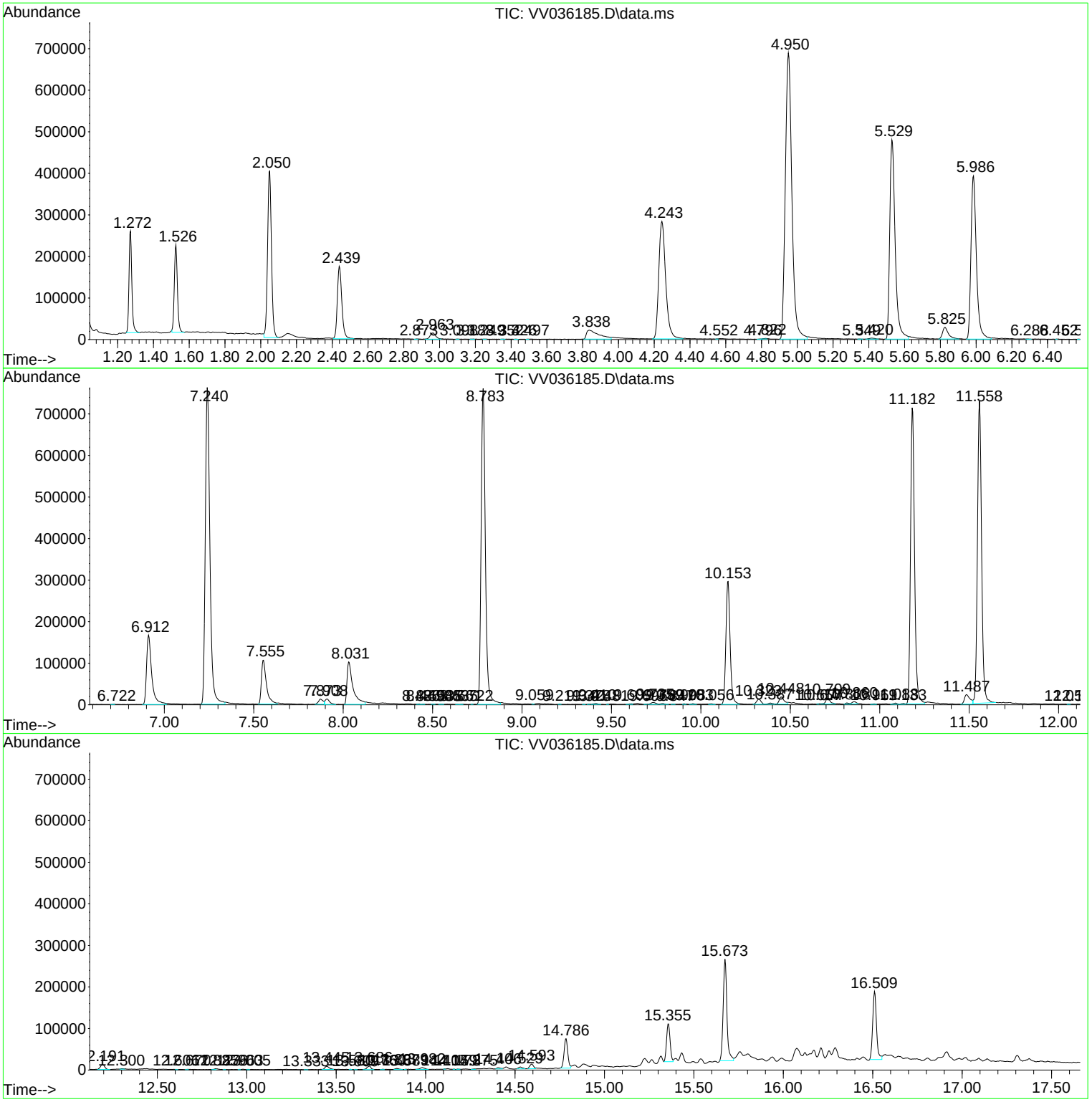
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036185.D
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Instrument :
MSVOA_V
ClientSampleId :
C0T90

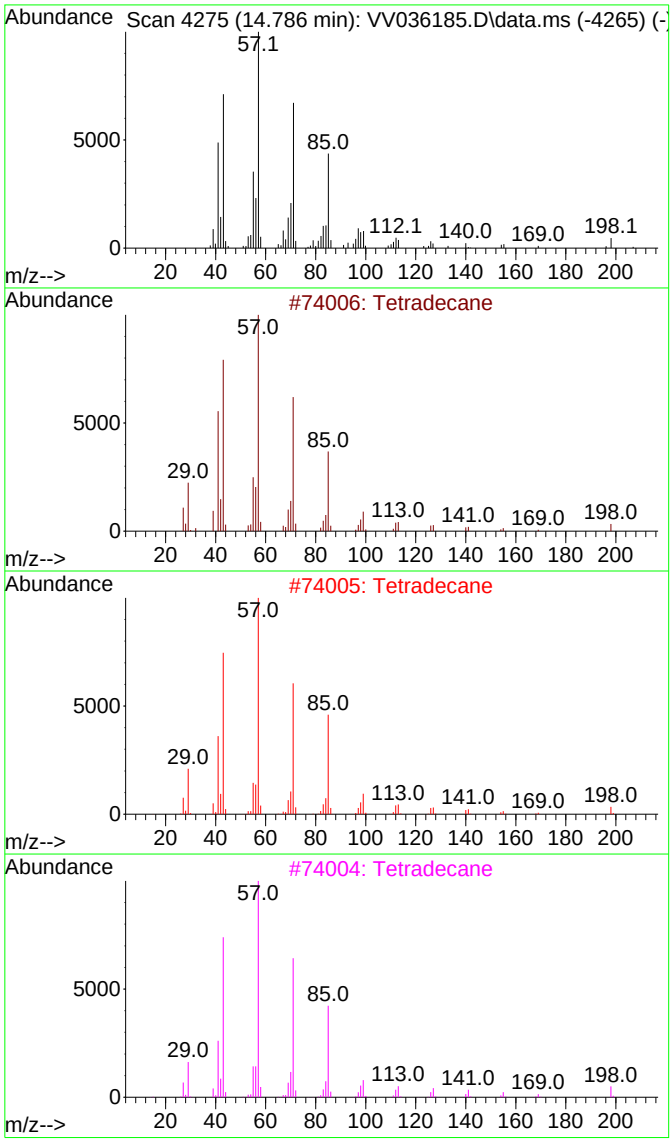
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

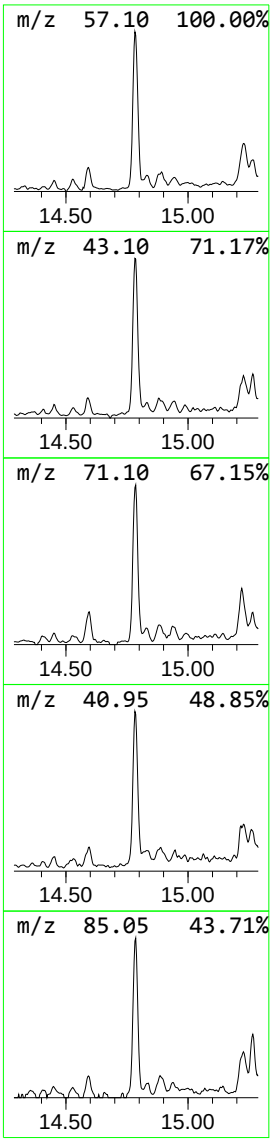
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.29 ug/L	101960	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tetradecane	198	C14H30	000629-59-4	76
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036185.D
Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

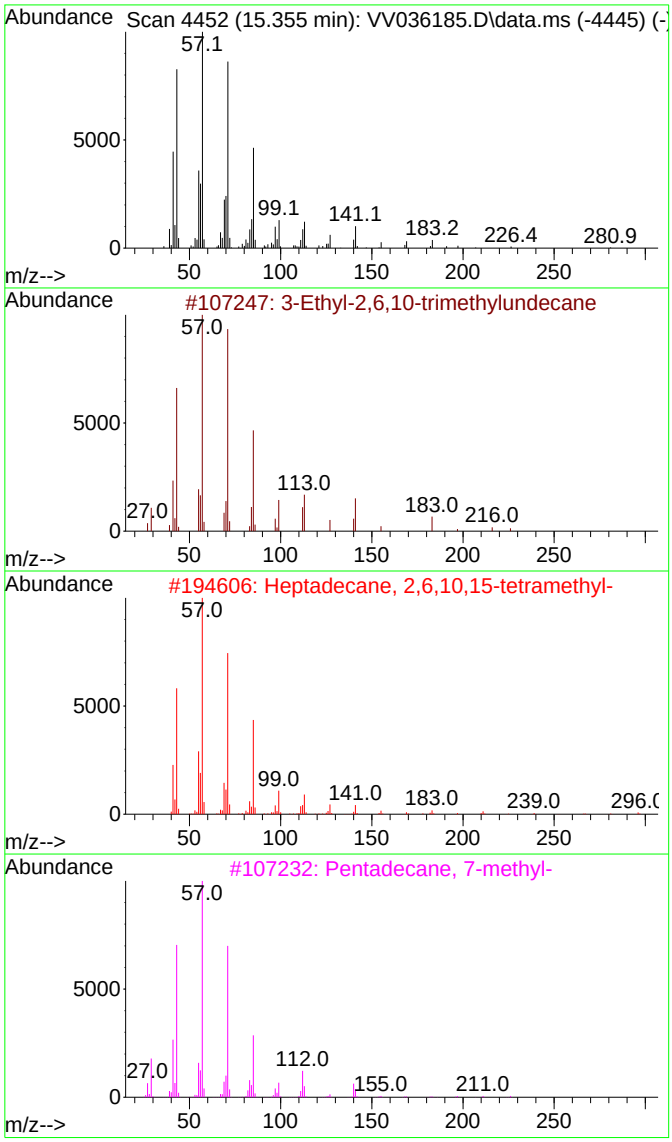
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

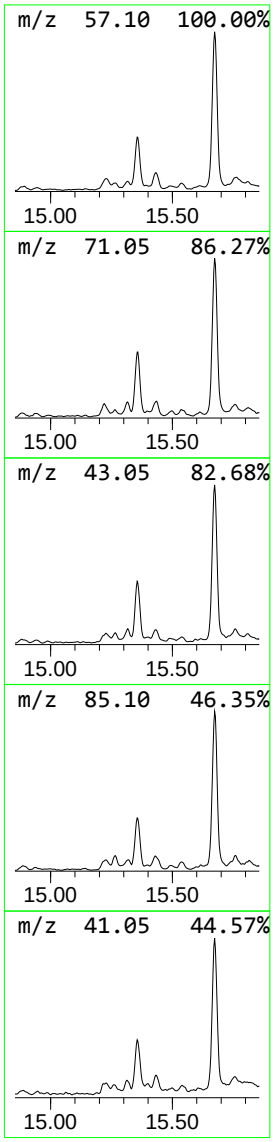
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	2.84 ug/L	126161	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036185.D
Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

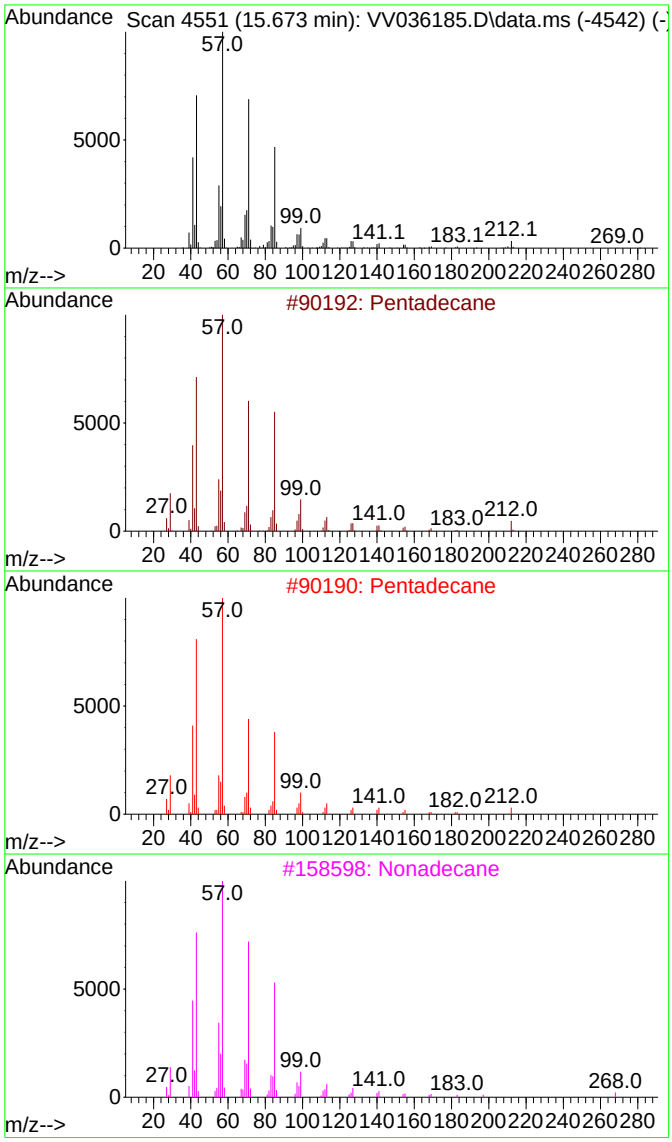
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

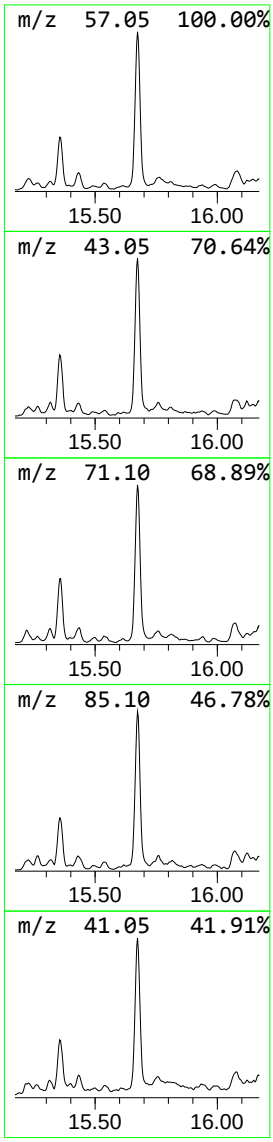
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.673	8.09 ug/L	359546	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Data File : VV036185.D
Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

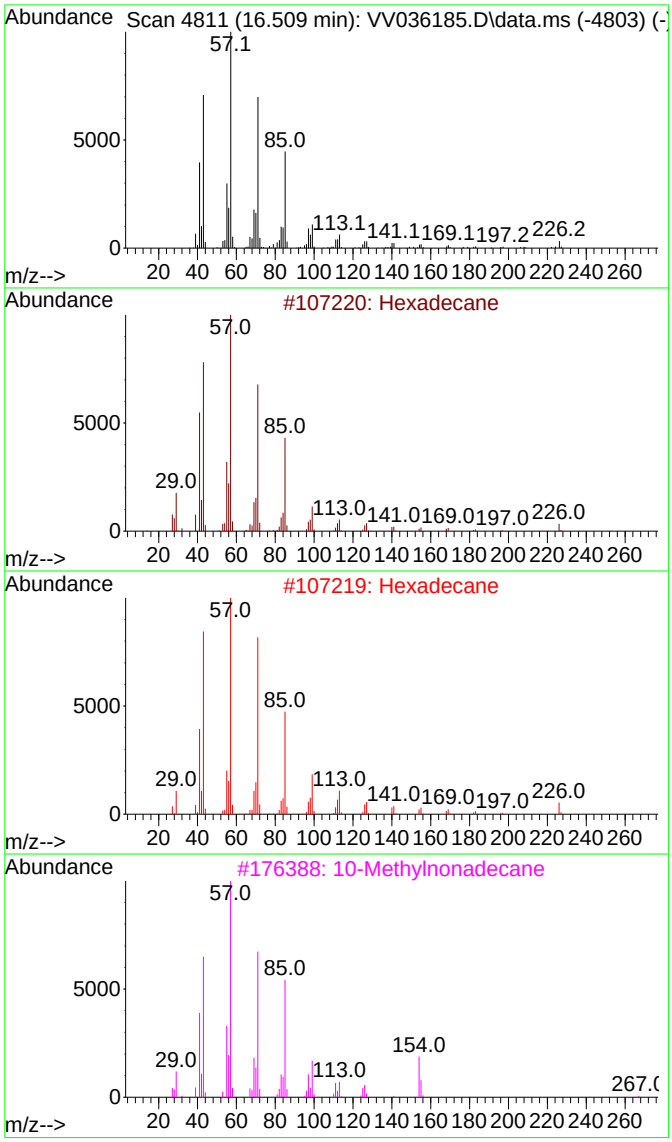
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

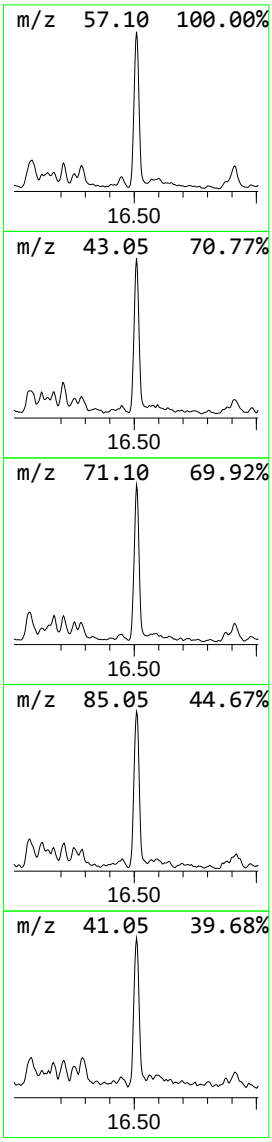
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.509	5.44 ug/L	241765	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Hexadecane	226	C16H34	000544-76-3	93
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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Acq On : 21 Jun 2024 00:48
Operator : SY/MD
Sample : P2962-16
Misc : 4.71g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T90

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...	14.786	2.3	ug/L	101960	3	11.185	1111150	25.0
(DEL) Alkane: S...	15.355	2.8	ug/L	126161	3	11.185	1111150	25.0
(DEL) Alkane: S...	15.673	8.1	ug/L	359546	3	11.185	1111150	25.0
(DEL) Alkane: S...	16.509	5.4	ug/L	241765	3	11.185	1111150	25.0