LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036278.D
Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

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: VV036278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	69	73	85	rVB	69080	71233	20.54%	3.349%
2	1.529	148	152	164	rVB	61937	69855	20.14%	3.284%
3	2.053	307	315	333	rVB	122990	186827	53.87%	8.783%
4	2.449	429	438	448	rBV2	11319	19424	5.60%	0.913%
5	2.661	502	504	507	rBV	229	149	0.04%	0.007%
6	2.690	511	513	516	rVB3	386	224	0.06%	0.011%
7	2.741	527	529	531	rBV	367	196	0.06%	0.009%
8	2.963	592	598	599	rBV3	1838	1639	0.47%	0.077%
9	3.053	624	626	630	rBV2	250	151	0.04%	0.007%
10	3.121	644	647	650	rBV2	477	263	0.08%	0.012%
11	3.204	670	673	677	rVB3	353	253	0.07%	0.012%
12	3.227	677	680	681	rBV	224	152	0.04%	0.007%
13	3.285	693	698	700	rBV2	230	212	0.06%	0.010%
14	3.420	737	740	742	rBV2	259	174	0.05%	0.008%
15	3.503	762	766	770	rBV2	188	179	0.05%	0.008%
16	3.674	815	819	822	rBV2	264	186	0.05%	0.009%
17	3.754	842	844	848	rVB2	294	167	0.05%	0.008%
18	3.825	864	866	868	rBV	321	192	0.06%	0.009%
19	4.178	974	976	980	rVB2	353	218	0.06%	0.010%
20	4.249	980	998	1024	rBV	64456	175120	50.50%	8.233%
21	4.519	1079	1082	1085	rVB2	355	187	0.05%	0.009%
22	4.670	1127	1129	1133	rBV2	282	200	0.06%	0.009%
23	4.751	1152	1154	1157	rVB2	354	152	0.04%	0.007%
24	4.850	1178	1185	1188	rBV2	314	307	0.09%	0.014%
25	4.908	1199	1203	1204	rBV	253	163	0.05%	0.008%
26	4.957	1205	1218	1254	rBV3	130176	346806	100.00%	16.304%
27	5.233	1302	1304	1307	rBV3	350	221	0.06%	0.010%
28	5.297	1320	1324	1326	rBV2	409	297	0.09%	0.014%
29	5.436	1365	1367	1371	rVB3	429	320	0.09%	0.015%
30	5.458	1371	1374	1378	rBV2	588	429	0.12%	0.020%
31	5.539	1389	1399	1423	rBV2	88852	197377	56.91%	9.279%
32	5.841	1482	1493	1506	rBV9	3473	8604	2.48%	0.404%
33	5.928	1518	1520	1523	rBV2	363	267	0.08%	0.013%
34	5.992	1528	1540	1564	rBV	78379	171955	49.58%	8.084%
35	6.236	1610	1616	1618	rBV	407	285	0.08%	0.013%
36	6.272	1622	1627	1631	rVB4	537	545	0.16%	0.026%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
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Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

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	6.304	1634	1637	1639	rBV	272	158	0.05%	0.007%
38	6.355	1647	1653	1657	rBV2	357	354	0.10%	0.017%
39	6.484	1690	1693	1696	rBV2	376	258	0.07%	0.012%
40	6.506	1696	1700	1702	rBV2	304	190	0.05%	0.009%
41	6.693	1753	1758	1760	rBV	278	260	0.07%	0.012%
42	6.796	1787	1790	1792	rVB2	277	156	0.04%	0.007%
43	6.844	1802	1805	1809	rVB3	471	301	0.09%	0.014%
44	6.924	1821	1830	1855	rBV4	15800	38048	10.97%	1.789%
45	7.156	1900	1902	1906	rBV	327	225	0.06%	0.011%
46	7.178	1906	1909	1912	rVB	235	156	0.04%	0.007%
47	7.246	1920	1930	1955	rBV	105969	202047	58.26%	9.498%
48	7.567	2017	2030	2045	rBV3	10765	23331	6.73%	1.097%
49	7.870	2116	2124	2138	rBV4	2501	4650	1.34%	0.219%
50	7.963	2149	2153	2157	rVB3	519	418	0.12%	0.020%
51	8.008	2165	2167	2170	rBV2	266	173	0.05%	0.008%
52	8.063	2175	2184	2189	rBV5	5244	9432	2.72%	0.443%
53	8.236	2236	2238	2247	rVB2	713	495	0.14%	0.023%
54	8.304	2256	2259	2261	rBV2	568	291	0.08%	0.014%
55	8.429	2297	2298	2306	rVB3	471	376	0.11%	0.018%
56	8.513	2321	2324	2327	rBV3	529	446	0.13%	0.021%
57	8.609	2349	2354	2356	rBV3	342	295	0.09%	0.014%
58	8.628	2358	2360	2367	rVB3	563	488	0.14%	0.023%
59	8.786	2399	2409	2435	rBV	113374	209958	60.54%	9.870%
60	9.005	2474	2477	2478	rBV2	882	548	0.16%	0.026%
61	9.101	2503	2507	2512	rBV4	501	389	0.11%	0.018%
62	9.130	2513	2516	2519	rBV2	427	313	0.09%	0.015%
63	9.165	2519	2527	2533	rVB5	2693	3944	1.14%	0.185%
64	9.355	2584	2586	2589	rBV2	463	261	0.08%	0.012%
65	9.577	2652	2655	2661	rBV3	397	355	0.10%	0.017%
66	9.619	2664	2668	2673	rVB2	480	399	0.12%	0.019%
67	9.641	2673	2675	2678	rBV	371	210	0.06%	0.010%
68	9.661	2678	2681	2684	rBV2	326	244	0.07%	0.011%
69	9.834	2733	2735	2745	rVB5	1348	1338	0.39%	0.063%
70	9.947	2767	2770	2774	rBV2	263	228	0.07%	0.011%
71	10.024	2791	2794	2798	rBV2	342	220	0.06%	0.010%
72	10.062	2798	2806	2817	rBV5	3579	5680	1.64%	0.267%
73	10.156	2824	2835	2853	rBV	46774	79758	23.00%	3.749%
74	10.246	2858	2863	2866	rBV5	921	858	0.25%	0.040%
75	10.326	2880	2888	2902	rVB2	9083	14737	4.25%	0.693%
76	10.397	2907	2910	2913	rBV2	275	203	0.06%	0.010%

LSC Area Percent Report

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Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

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	10.464	2929	2931	2935	rBV4	514	390	0.11%	0.018%
78	10.596	2966	2972	2975	rBV4	765	861	0.25%	0.040%
79	10.635	2982	2984	2987	rBV	222	155	0.04%	0.007%
80	10.773	3018	3027	3029	rBV5	1308	1887	0.54%	0.089%
81	10.853	3043	3052	3065	rVB2	8681	13606	3.92%	0.640%
82	10.972	3079	3089	3100	rBV3	3251	5889	1.70%	0.277%
83	11.082	3115	3123	3132	rVB2	14381	21586	6.22%	1.015%
84	11.188	3147	3156	3172	rBV	60957	106328	30.66%	4.999%
85	11.561	3264	3272	3293	rVB	56503	99022	28.55%	4.655%
86	11.931	3377	3387	3388	rBV3	1560	2086	0.60%	0.098%
87	12.117	3442	3445	3446	rBV3	268	149	0.04%	0.007%
88	12.191	3462	3468	3479	rVB3	6788	10552	3.04%	0.496%
89	12.422	3538	3540	3544	rBV3	452	275	0.08%	0.013%
90	12.471	3552	3555	3557	rBV2	433	274	0.08%	0.013%
91	12.506	3565	3566	3568	rBV2	344	161	0.05%	0.008%
92	12.548	3578	3579	3582	rVB2	538	227	0.07%	0.011%
93	12.619	3595	3601	3612	rVB6	3290	4647	1.34%	0.218%
94	13.194	3777	3780	3781	rBV2	256	161	0.05%	0.008%
95	13.403	3843	3845	3849	rBV	331	248	0.07%	0.012%
96	13.461	3860	3863	3864	rBV2	441	268	0.08%	0.013%
97	13.834	3977	3979	3981	rBV2	562	294	0.08%	0.014%
98	13.972	4020	4022	4023	rBV2	687	308	0.09%	0.014%
99	14.213	4093	4097	4099	rBV3	685	415	0.12%	0.020%
100	14.226	4099	4101	4104	rBV4	472	255	0.07%	0.012%

Sum of corrected areas: 2127164

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036278.D
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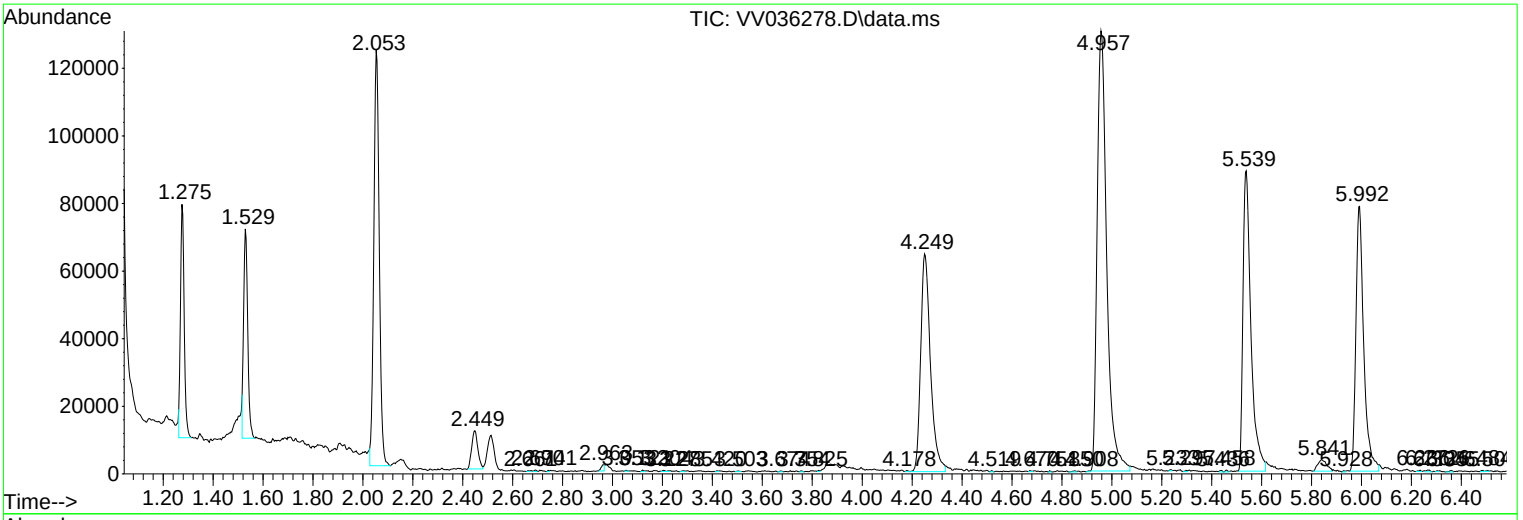
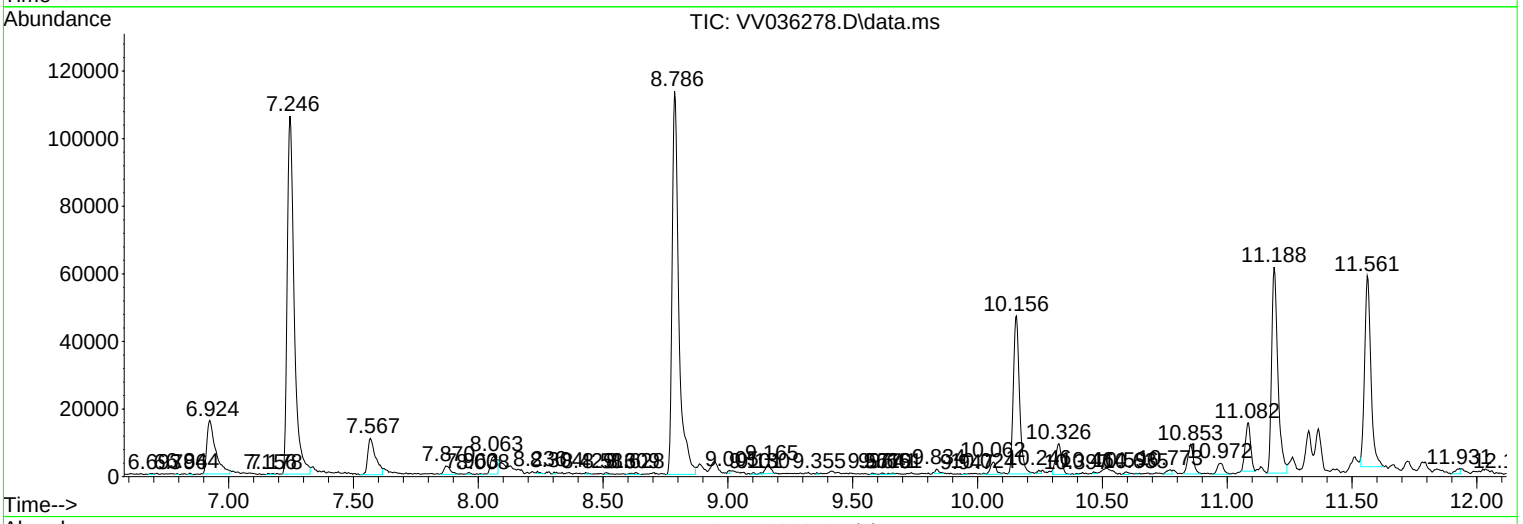
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

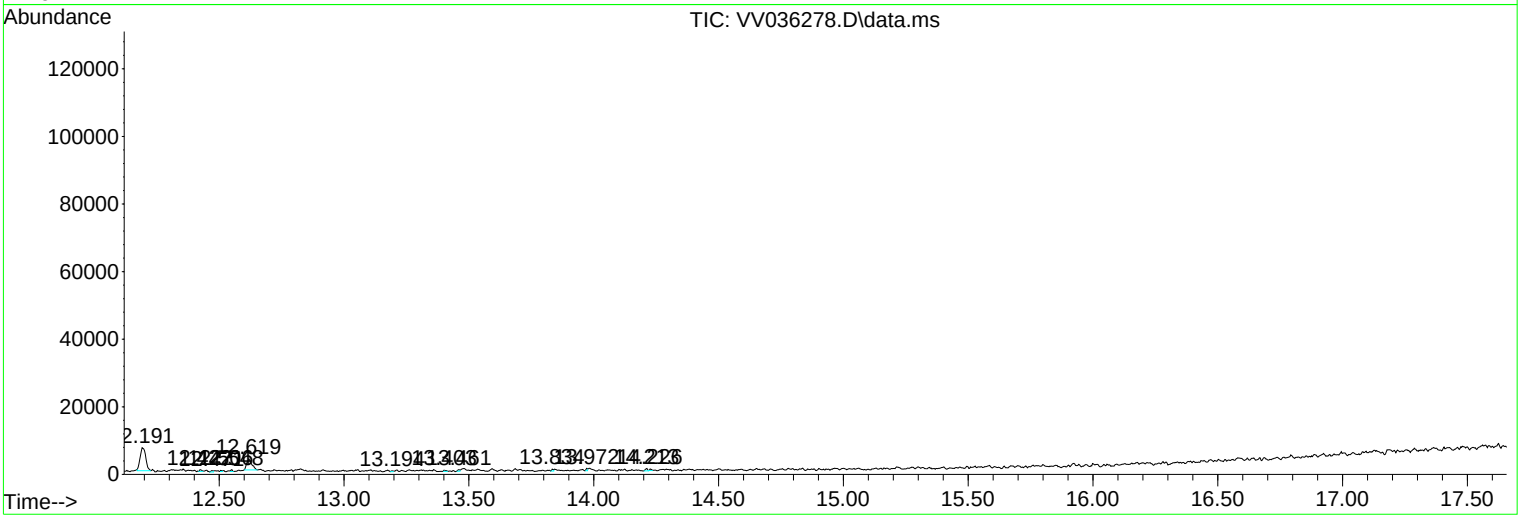
Instrument :
MSVOA_V
ClientSampleId :
A4B69

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\VV062524\
Data File : VV036278.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

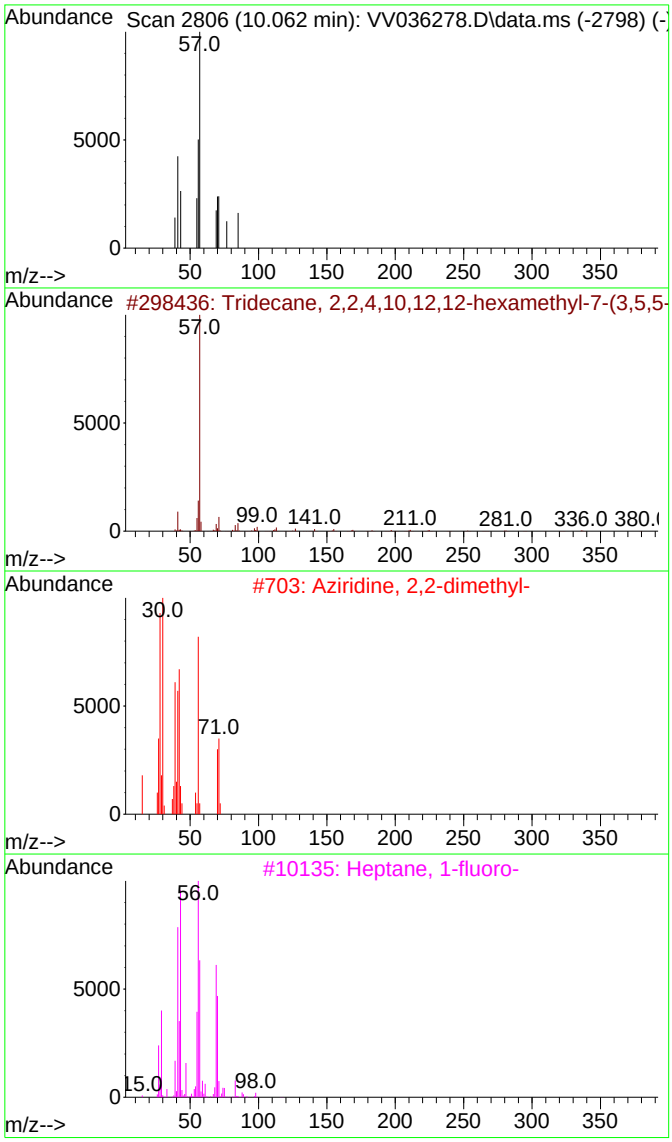
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

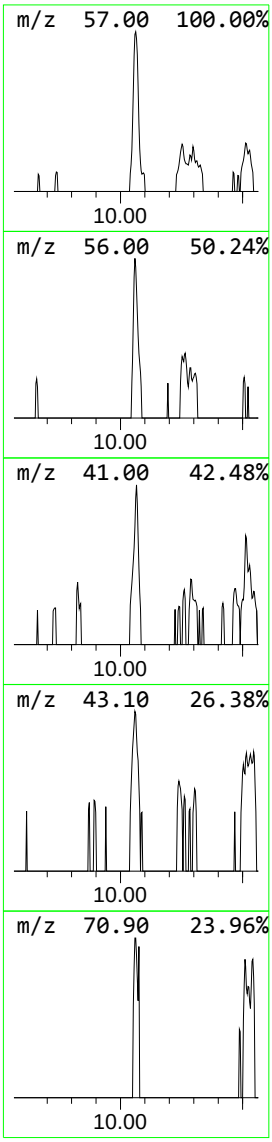
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	1.34 ug/L	5680	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	33
2	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	9
3	Heptane, 1-fluoro-	118	C7H15F	000661-11-0	9
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	9
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036278.D
Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

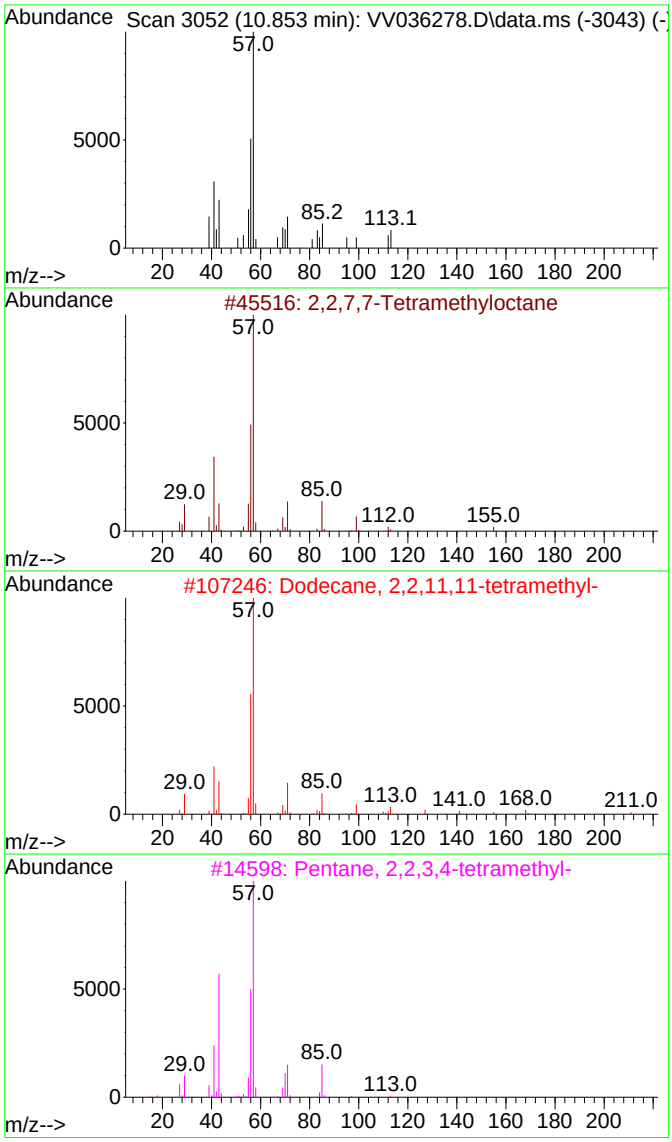
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

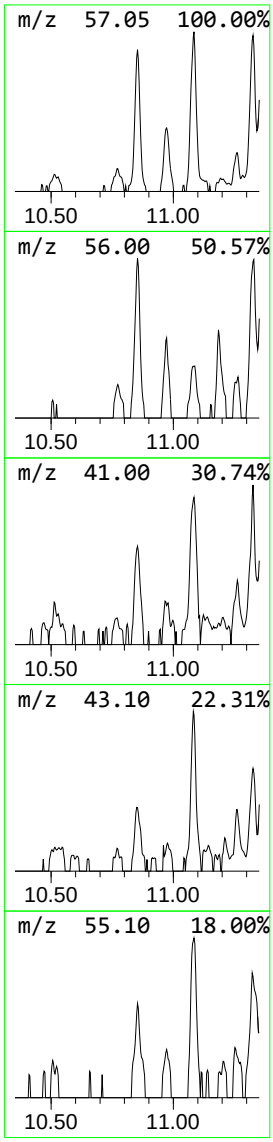
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.853	3.20 ug/L	13606	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	72
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036278.D
Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

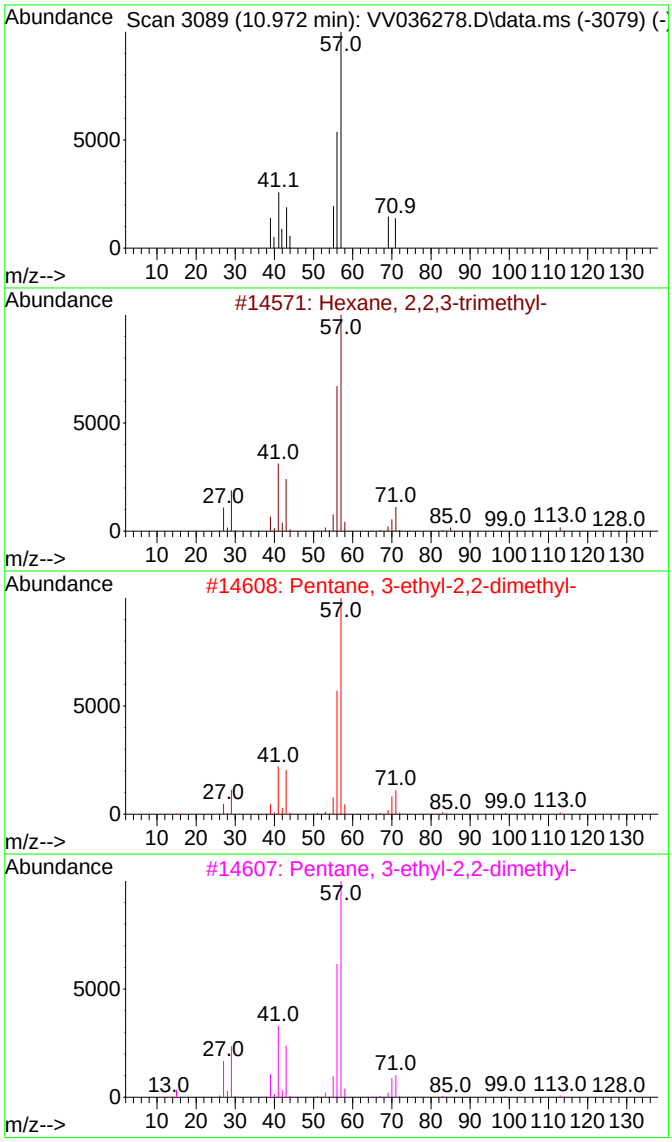
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

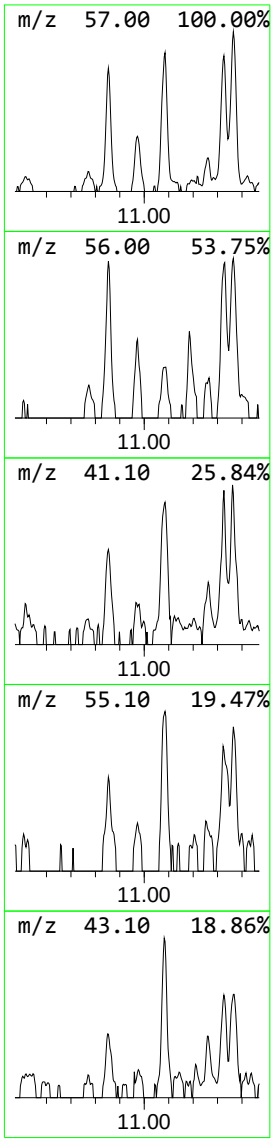
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	1.38 ug/L	5889	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	9
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	9
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	9
4	2-Propen-1-amine	57	C3H7N	000107-11-9	5
5	Ethane, diazo-	56	C2H4N2	001117-96-0	4





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Data File : VV036278.D
Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

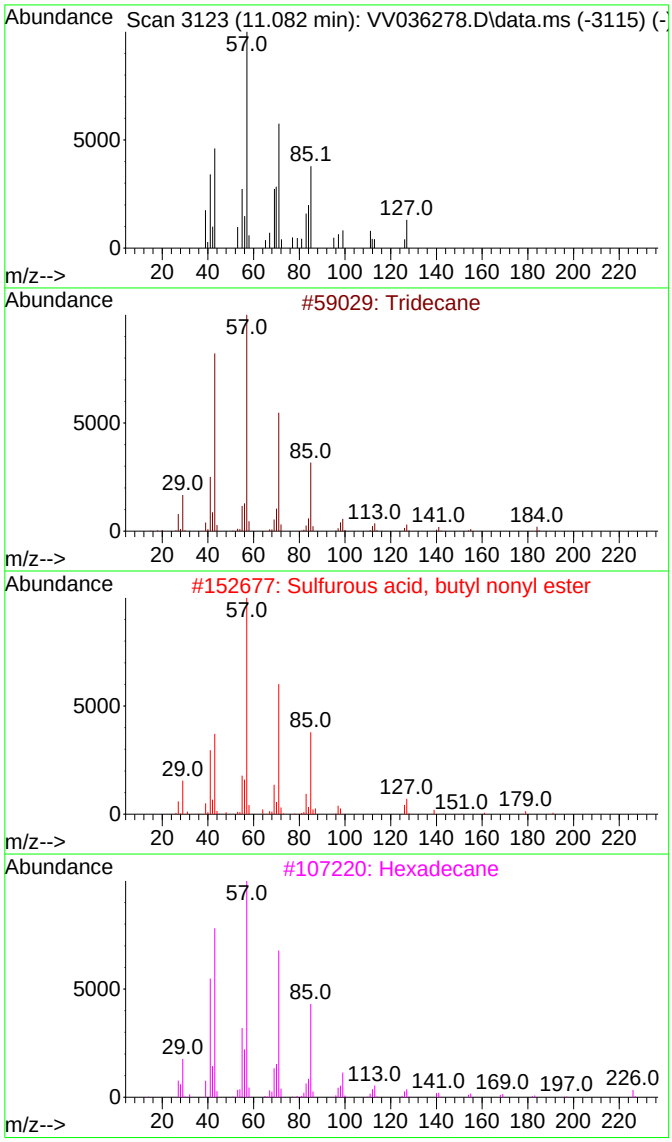
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

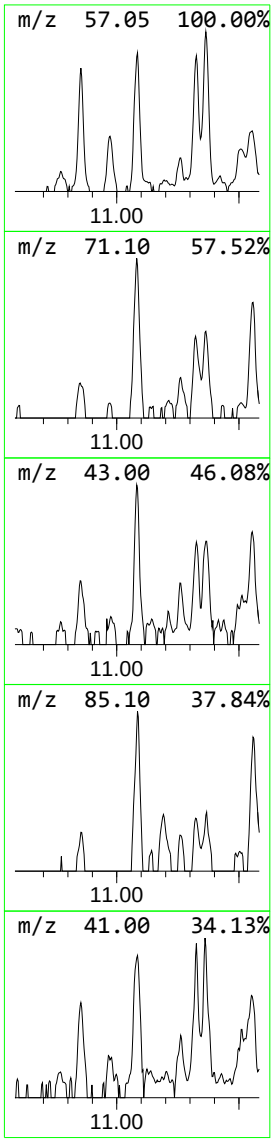
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	5.08 ug/L	21586	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	52
3	Hexadecane	226	C16H34	000544-76-3	50
4	Nonadecane	268	C19H40	000629-92-5	50
5	Tetradecane	198	C14H30	000629-59-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036278.D
Acq On : 25 Jun 2024 18:19
Operator : SY/MD
Sample : P3010-16
Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4B69

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...	10.063	1.3	ug/L	5680	3	11.188	106328	25.0
(DEL) Alkane: S...	10.853	3.2	ug/L	13606	3	11.188	106328	25.0
(DEL) Alkane: S...	10.972	1.4	ug/L	5889	3	11.188	106328	25.0
(DEL) Alkane: S...	11.082	5.1	ug/L	21586	3	11.188	106328	25.0