LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036188.D
Acq On : 21 Jun 2024 01:58
Operator : SY/MD
Sample : P2962-19
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

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: VV036188.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	85	rBV	241905	264062	14.90%	1.736%
2	1.526	144	151	166	rVB	196514	234691	13.24%	1.543%
3	2.050	304	314	332	rVB	418087	617655	34.85%	4.061%
4	2.439	423	435	458	rVB	234386	407054	22.97%	2.676%
5	2.626	479	493	494	rBV8	10632	15994	0.90%	0.105%
6	2.960	586	597	618	rVB2	23296	48440	2.73%	0.318%
7	3.182	664	666	669	rVB3	576	309	0.02%	0.002%
8	3.278	693	696	699	rVV3	482	271	0.02%	0.002%
9	3.298	699	702	706	rVV	510	369	0.02%	0.002%
10	3.349	715	718	721	rVB2	444	268	0.02%	0.002%
11	3.642	805	809	811	rBV3	283	218	0.01%	0.001%
12	3.667	814	817	823	rVB4	497	486	0.03%	0.003%
13	3.699	823	827	828	rBV2	478	364	0.02%	0.002%
14	3.838	859	870	900	rBV2	22862	106467	6.01%	0.700%
15	4.243	980	996	1028	rBV	279131	732790	41.35%	4.818%
16	4.484	1069	1071	1072	rBV	569	245	0.01%	0.002%
17	4.568	1094	1097	1101	rVB4	834	671	0.04%	0.004%
18	4.687	1131	1134	1138	rBV4	374	313	0.02%	0.002%
19	4.709	1138	1141	1143	rBV2	331	221	0.01%	0.001%
20	4.741	1148	1151	1156	rVB2	201	197	0.01%	0.001%
21	4.770	1156	1160	1164	rBV2	366	343	0.02%	0.002%
22	4.825	1172	1177	1183	rVB4	423	453	0.03%	0.003%
23	4.850	1183	1185	1189	rVB2	517	323	0.02%	0.002%
24	4.950	1200	1216	1259	rBV2	687238	1772190	100.00%	11.652%
25	5.310	1325	1328	1331	rBV3	370	230	0.01%	0.002%
26	5.375	1345	1348	1352	rVB2	592	400	0.02%	0.003%
27	5.439	1365	1368	1372	rBV4	321	303	0.02%	0.002%
28	5.529	1383	1396	1426	rBV	622040	1303033	73.53%	8.567%
29	5.825	1477	1488	1517	rVB	31074	71383	4.03%	0.469%
30	5.986	1523	1538	1569	rBV	380399	809699	45.69%	5.324%
31	6.285	1629	1631	1632	rBV2	526	293	0.02%	0.002%
32	6.368	1654	1657	1658	rBV2	524	249	0.01%	0.002%
33	6.436	1676	1678	1682	rBV2	562	341	0.02%	0.002%
34	6.500	1695	1698	1702	rVB4	514	352	0.02%	0.002%
35	6.596	1723	1728	1731	rBV4	461	500	0.03%	0.003%
36	6.612	1731	1733	1737	rVB2	501	231	0.01%	0.002%

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Sample : P2962-19
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

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	6.641	1737	1742	1744	rBV3	537	400	0.02%	0.003%
38	6.683	1752	1755	1757	rBV	455	216	0.01%	0.001%
39	6.699	1759	1760	1764	rVB3	371	246	0.01%	0.002%
40	6.809	1792	1794	1797	rBV3	329	212	0.01%	0.001%
41	6.857	1806	1809	1815	rVB2	347	361	0.02%	0.002%
42	6.912	1815	1826	1854	rBV	181852	359677	20.30%	2.365%
43	7.066	1869	1874	1886	rVB8	4538	8587	0.48%	0.056%
44	7.133	1893	1895	1901	rVB3	599	453	0.03%	0.003%
45	7.185	1907	1911	1916	rBV4	889	888	0.05%	0.006%
46	7.239	1916	1928	1955	rBV	805105	1444935	81.53%	9.500%
47	7.555	2016	2026	2057	rBV	117249	231591	13.07%	1.523%
48	7.789	2096	2099	2100	rBV	469	263	0.01%	0.002%
49	7.873	2111	2125	2140	rBV	26635	50734	2.86%	0.334%
50	8.030	2166	2174	2203	rBV	123740	273243	15.42%	1.797%
51	8.448	2302	2304	2307	rVB3	447	297	0.02%	0.002%
52	8.516	2322	2325	2329	rVV4	496	408	0.02%	0.003%
53	8.558	2337	2338	2341	rVB3	506	199	0.01%	0.001%
54	8.574	2341	2343	2345	rVB2	423	206	0.01%	0.001%
55	8.590	2345	2348	2351	rBV3	681	528	0.03%	0.003%
56	8.609	2352	2354	2359	rVB5	826	495	0.03%	0.003%
57	8.725	2385	2390	2392	rBV3	866	754	0.04%	0.005%
58	8.783	2396	2408	2441	rBV	990632	1645871	92.87%	10.822%
59	9.075	2497	2499	2500	rBV2	510	284	0.02%	0.002%
60	9.275	2560	2561	2564	rVV2	363	197	0.01%	0.001%
61	9.291	2564	2566	2569	rVB2	365	231	0.01%	0.002%
62	9.394	2593	2598	2599	rBV2	411	321	0.02%	0.002%
63	9.468	2618	2621	2622	rVV2	479	228	0.01%	0.001%
64	9.497	2622	2630	2661	rVV	34942	72176	4.07%	0.475%
65	9.648	2674	2677	2679	rBV3	1482	1115	0.06%	0.007%
66	9.773	2714	2716	2718	rBV2	427	249	0.01%	0.002%
67	9.953	2769	2772	2775	rBV3	522	251	0.01%	0.002%
68	9.985	2777	2782	2784	rBV3	866	859	0.05%	0.006%
69	10.056	2799	2804	2808	rBV5	858	1036	0.06%	0.007%
70	10.085	2809	2813	2815	rBV5	952	789	0.04%	0.005%
71	10.149	2822	2833	2856	rBV	319108	512337	28.91%	3.369%
72	10.323	2875	2887	2901	rVB2	23391	39512	2.23%	0.260%
73	10.387	2905	2907	2911	rBV3	611	446	0.03%	0.003%
74	10.429	2917	2920	2921	rBV3	593	324	0.02%	0.002%
75	10.558	2957	2960	2963	rVB3	901	523	0.03%	0.003%
76	10.574	2963	2965	2969	rBV3	369	222	0.01%	0.001%

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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

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

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Peak separation: 5

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

77	10.609	2974	2976	2979	rBV2	297	234	0.01%	0.002%
78	10.657	2988	2991	2992	rBV2	348	209	0.01%	0.001%
79	10.673	2994	2996	2999	rVV3	595	441	0.02%	0.003%
80	10.712	2999	3008	3020	rVV4	8781	15308	0.86%	0.101%
81	10.808	3032	3038	3046	rVB9	2426	3815	0.22%	0.025%
82	10.898	3062	3066	3068	rBV3	713	513	0.03%	0.003%
83	10.950	3078	3082	3083	rBV2	421	269	0.02%	0.002%
84	10.960	3083	3085	3088	rVV4	419	258	0.01%	0.002%
85	11.088	3117	3125	3129	rBV8	1424	2030	0.11%	0.013%
86	11.181	3142	3154	3181	rBV	1077179	1661723	93.77%	10.926%
87	11.480	3238	3247	3260	rBV2	44529	98819	5.58%	0.650%
88	11.558	3261	3271	3291	rVB	872382	1384002	78.10%	9.100%
89	11.786	3337	3342	3356	rVB	5374	9106	0.51%	0.060%
90	11.988	3403	3405	3409	rVB4	1108	494	0.03%	0.003%
91	12.194	3458	3469	3481	rBV2	35331	58764	3.32%	0.386%
92	12.307	3497	3504	3512	rBV8	4334	6704	0.38%	0.044%
93	12.403	3528	3534	3541	rBV6	5321	8182	0.46%	0.054%
94	12.532	3567	3574	3582	rVB3	8197	11916	0.67%	0.078%
95	13.680	3925	3931	3945	rVB	22246	35749	2.02%	0.235%
96	14.754	4257	4265	4283	rBV	47780	91656	5.17%	0.603%
97	15.358	4446	4453	4461	rVB2	82646	110249	6.22%	0.725%
98	15.602	4521	4529	4543	rVB	137615	236240	13.33%	1.553%
99	15.747	4566	4574	4579	rBV	124471	185382	10.46%	1.219%
100	16.911	4929	4936	4959	rVB	150053	244034	13.77%	1.605%

Sum of corrected areas: 15209169

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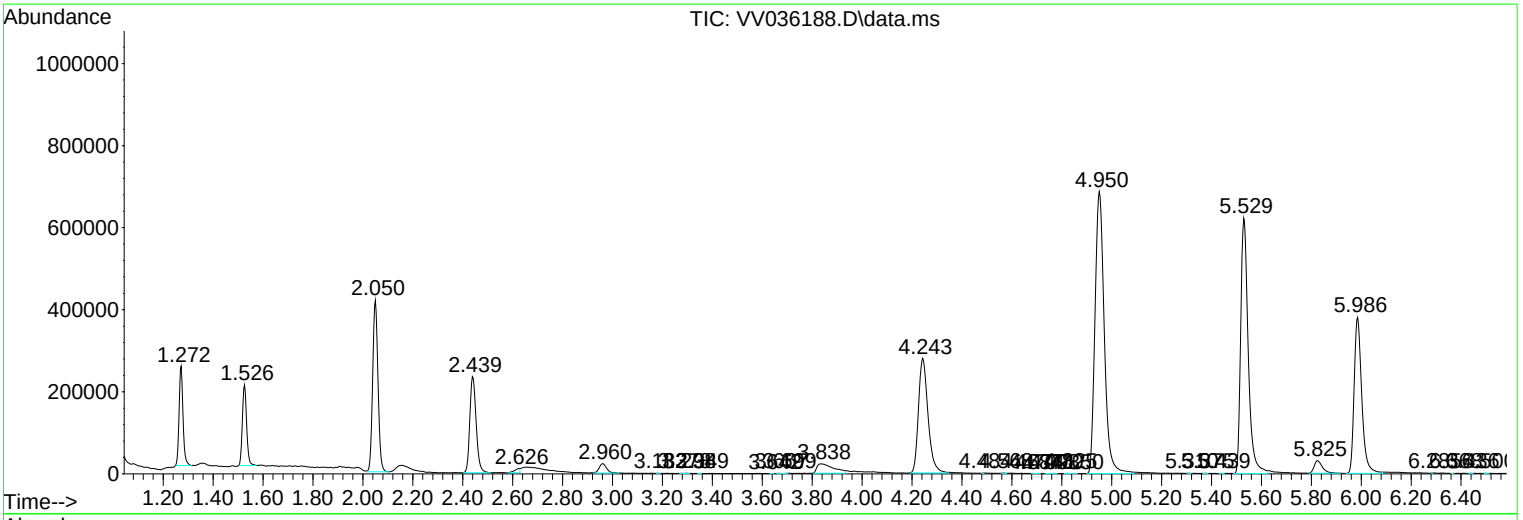
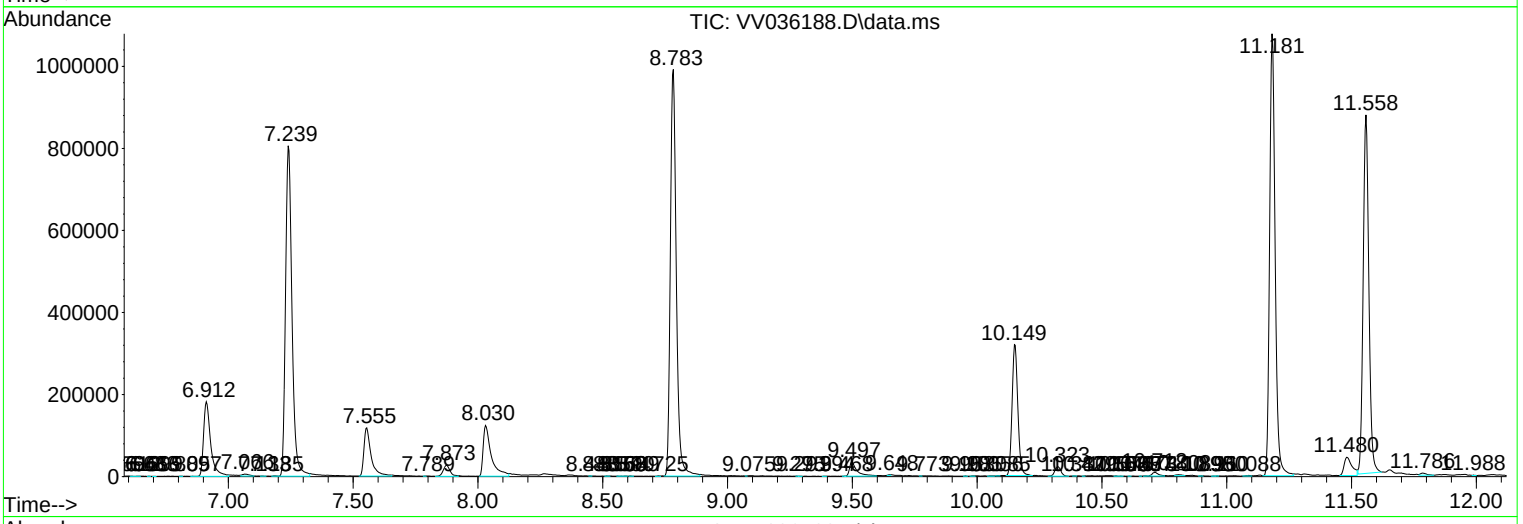
ALS Vial : 44 Sample Multiplier: 1

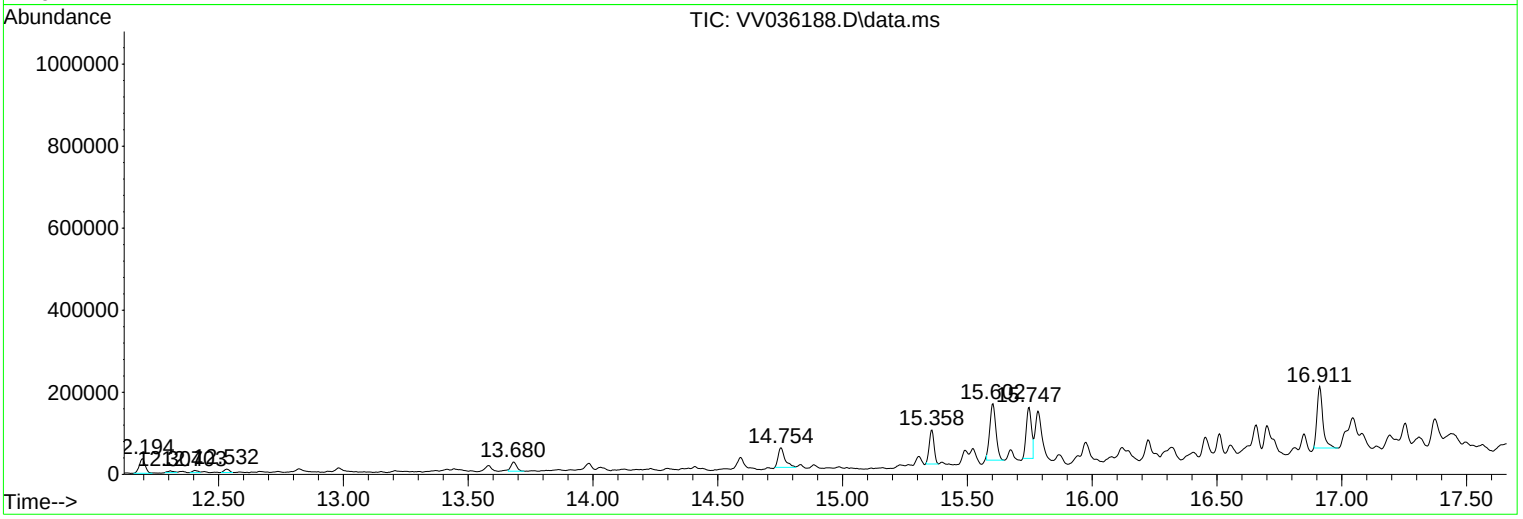
Instrument :
MSVOA_V
ClientSampleId :
C0T93

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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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

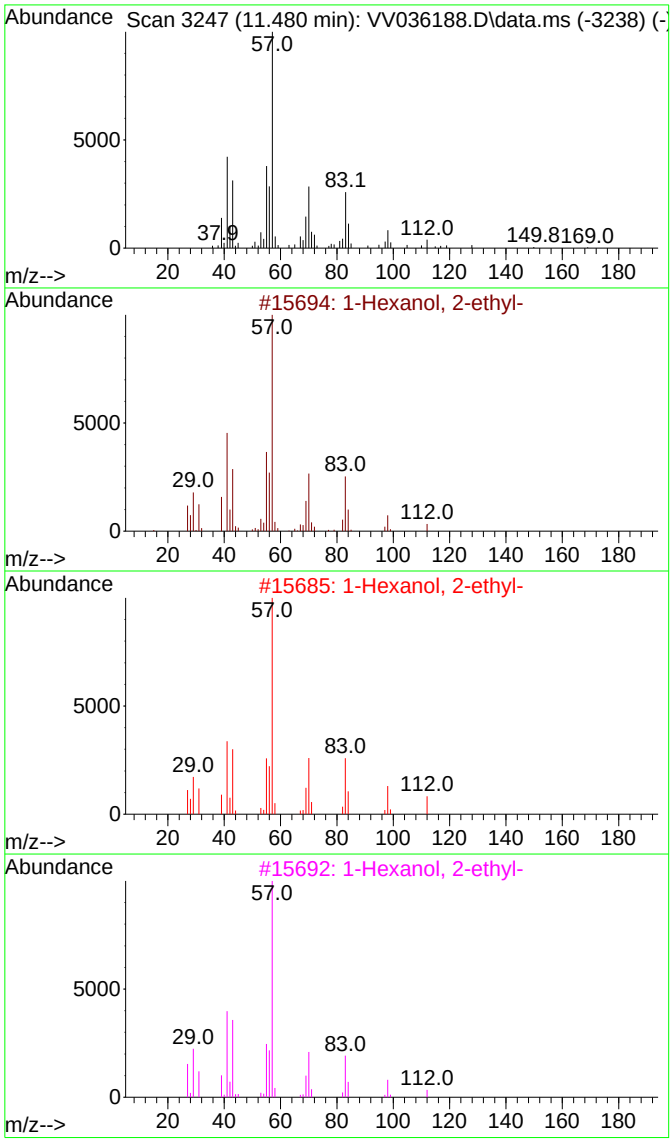
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

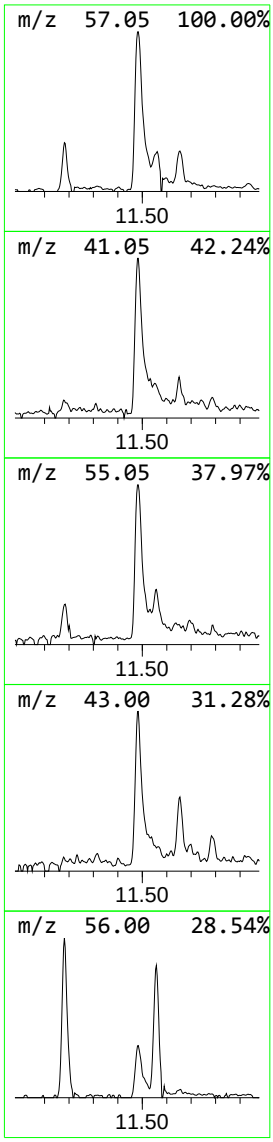
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.480	1.49 ug/L	98819	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64





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Instrument :
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ClientSampleId :
C0T93

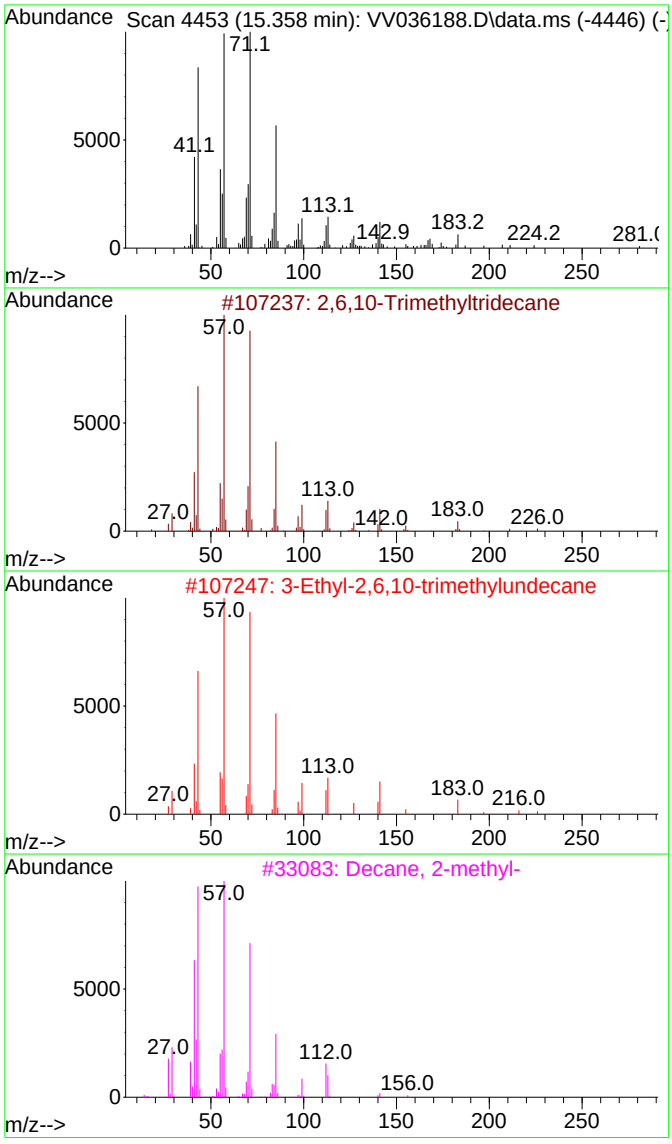
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

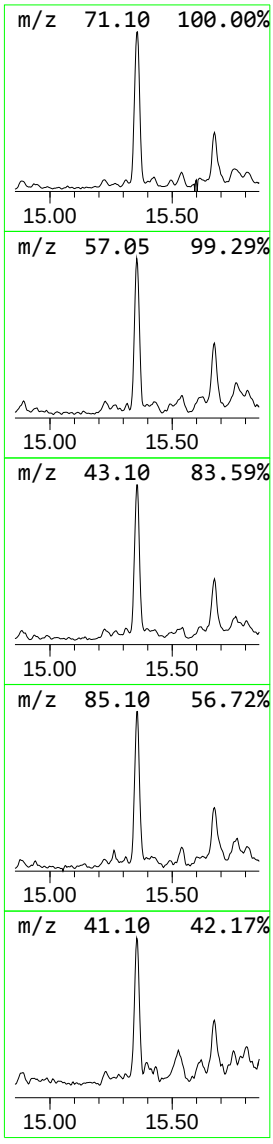
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	1.66 ug/L	110249	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
3	Decane, 2-methyl-	156	C11H24	006975-98-0	74
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72





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MSVOA_V
ClientSampleId :
C0T93

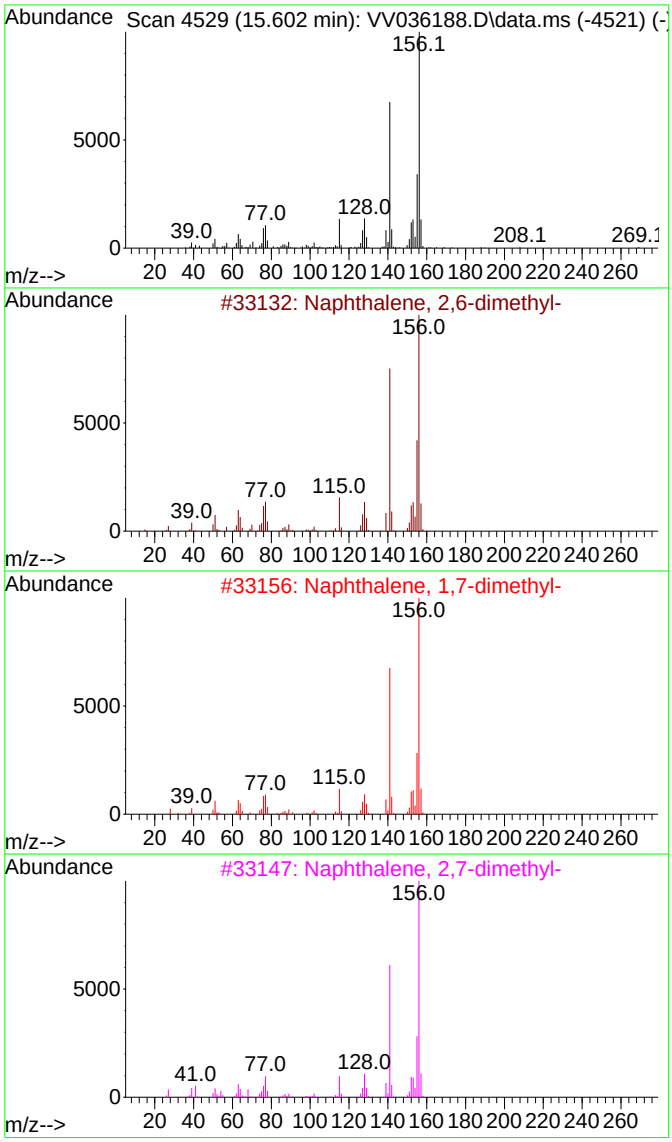
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

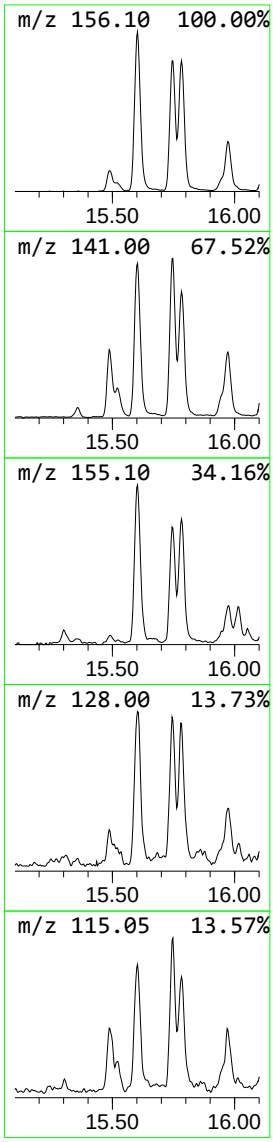
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	3.55 ug/L	236240	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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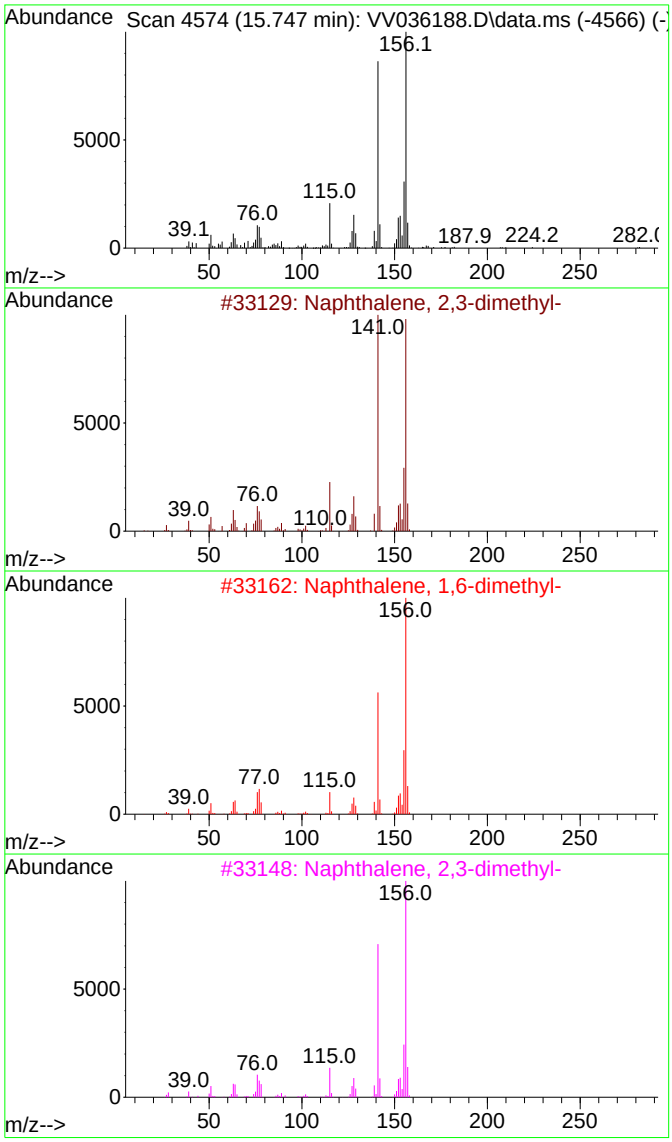
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

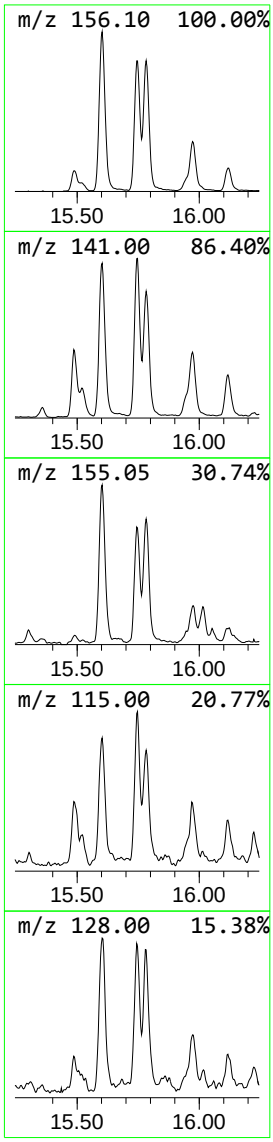
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.747	2.79 ug/L	185382	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036188.D
Acq On : 21 Jun 2024 01:58
Operator : SY/MD
Sample : P2962-19
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

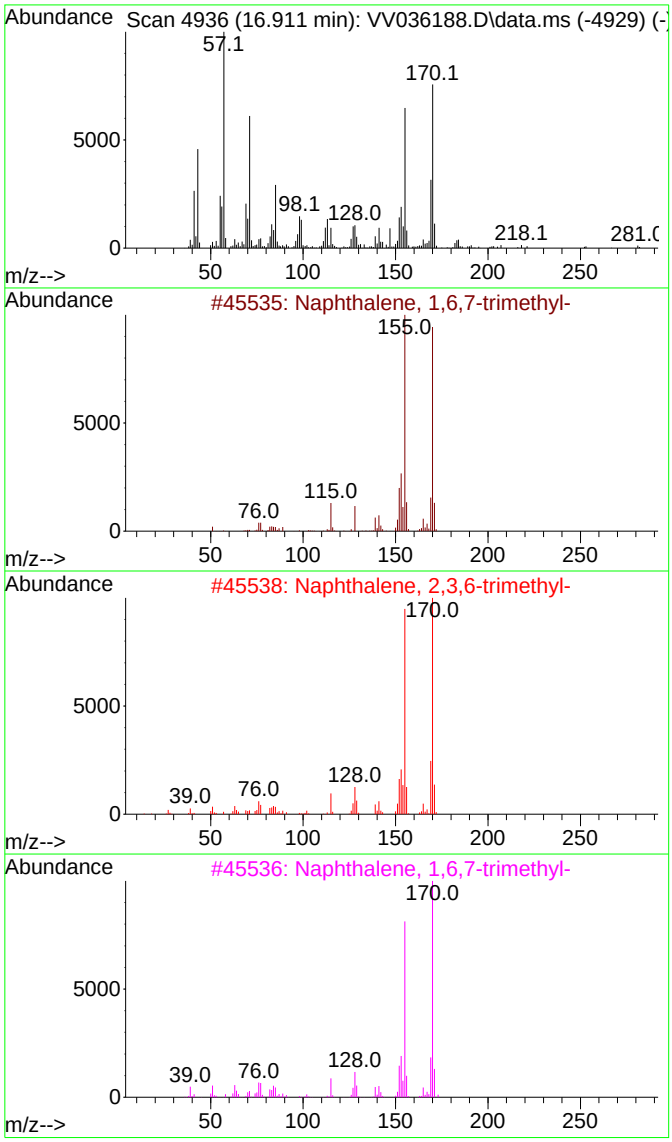
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

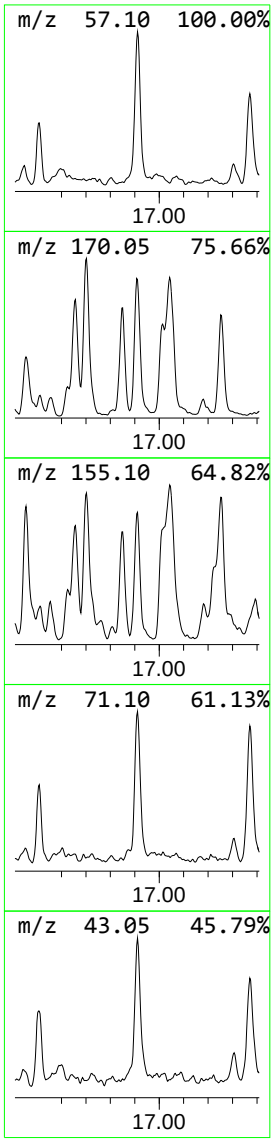
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.911	3.67 ug/L	244034	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036188.D
Acq On : 21 Jun 2024 01:58
Operator : SY/MD
Sample : P2962-19
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T93

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
1-Hexanol, 2-et...	11.480	1.5	ug/L	98819	3	11.181	1661720	25.0
(DEL) Alkane: S...	15.358	1.7	ug/L	110249	3	11.181	1661720	25.0
Naphthalene, 2,...	15.602	3.5	ug/L	236240	3	11.181	1661720	25.0
Naphthalene, 2,...	15.747	2.8	ug/L	185382	3	11.181	1661720	25.0
Naphthalene, 1,...	16.911	3.7	ug/L	244034	3	11.181	1661720	25.0