LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
Acq On : 23 Aug 2024 15:30
Operator : SY/MD
Sample : P3673-16
Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DCXZ6

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_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

Signal : TIC: VW030011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	42	55	56	rBV10	3075	9311	0.93%	0.107%
2	2.363	72	78	93	rBV	40838	105845	10.59%	1.218%
3	2.509	97	102	109	rBV3	3847	8277	0.83%	0.095%
4	2.899	159	166	185	rVB2	34200	105446	10.55%	1.213%
5	3.289	229	230	231	rBV	492	315	0.03%	0.004%
6	3.393	238	247	255	rBV2	4596	11339	1.13%	0.130%
7	3.472	257	260	261	rVB2	393	388	0.04%	0.004%
8	3.484	261	262	266	rBV3	373	520	0.05%	0.006%
9	3.527	268	269	272	rVB	435	338	0.03%	0.004%
10	3.576	274	277	279	rBV3	270	369	0.04%	0.004%
11	3.722	295	301	303	rBV3	605	959	0.10%	0.011%
12	3.740	303	304	310	rVB4	509	469	0.05%	0.005%
13	3.844	317	321	323	rBV2	452	571	0.06%	0.007%
14	4.021	338	350	364	rBV2	83513	288114	28.81%	3.315%
15	4.143	364	370	385	rVB	24165	82085	8.21%	0.945%
16	4.368	402	407	410	rBV4	218	424	0.04%	0.005%
17	4.472	421	424	425	rBV	408	403	0.04%	0.005%
18	4.508	425	430	431	rBV	485	656	0.07%	0.008%
19	4.685	451	459	460	rBV2	1553	2468	0.25%	0.028%
20	4.923	486	498	509	rBV4	10870	41551	4.16%	0.478%
21	5.789	632	640	651	rBV5	1093	3612	0.36%	0.042%
22	5.941	655	665	677	rBV3	5535	17127	1.71%	0.197%
23	6.130	690	696	705	rBV4	517	1595	0.16%	0.018%
24	6.904	815	823	832	rBV4	1404	4342	0.43%	0.050%
25	7.014	836	841	843	rBV3	352	601	0.06%	0.007%
26	7.087	844	853	881	rBV	30528	108223	10.82%	1.245%
27	7.301	887	888	893	rVB3	369	395	0.04%	0.005%
28	7.343	893	895	899	rBV3	291	366	0.04%	0.004%
29	7.648	934	945	959	rVV	173067	428388	42.84%	4.929%
30	7.752	959	962	963	rVV3	272	306	0.03%	0.004%
31	8.276	1038	1048	1064	rBV2	321970	978100	97.82%	11.255%
32	8.380	1064	1065	1069	rVV4	503	469	0.05%	0.005%
33	8.514	1085	1087	1089	rBV2	327	383	0.04%	0.004%
34	8.538	1089	1091	1094	rBV3	435	474	0.05%	0.005%
35	8.569	1094	1096	1101	rVB3	521	795	0.08%	0.009%
36	8.624	1101	1105	1108	rBV	391	442	0.04%	0.005%

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Sample : P3673-16
Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

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_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

37	8.703	1110	1118	1127	rBV2	6966	16504	1.65%	0.190%
38	8.843	1131	1141	1155	rBV	488966	963350	96.34%	11.085%
39	8.941	1155	1157	1161	rVB3	532	548	0.05%	0.006%
40	9.063	1170	1177	1179	rBV5	1496	2547	0.25%	0.029%
41	9.160	1189	1193	1199	rVB3	352	736	0.07%	0.008%
42	9.270	1202	1211	1221	rBV	228144	466935	46.70%	5.373%
43	9.343	1221	1223	1227	rVV4	865	1318	0.13%	0.015%
44	9.410	1228	1234	1241	rVB3	4189	9040	0.90%	0.104%
45	9.617	1264	1268	1270	rBV2	349	404	0.04%	0.005%
46	9.660	1270	1275	1280	rBV5	1104	1872	0.19%	0.022%
47	9.739	1286	1288	1295	rVB3	289	543	0.05%	0.006%
48	10.032	1328	1336	1348	rBV	116819	215820	21.58%	2.483%
49	10.123	1348	1351	1353	rBV2	1087	1263	0.13%	0.015%
50	10.142	1353	1354	1355	rVV	787	474	0.05%	0.005%
51	10.154	1355	1356	1362	rVB3	1639	1437	0.14%	0.017%
52	10.215	1363	1366	1371	rVB4	493	801	0.08%	0.009%
53	10.325	1375	1384	1391	rBV	429224	762572	76.26%	8.775%
54	10.385	1391	1394	1407	rVB2	5762	13457	1.35%	0.155%
55	10.495	1407	1412	1416	rBV7	1241	2462	0.25%	0.028%
56	10.574	1418	1425	1435	rBV	74006	133108	13.31%	1.532%
57	10.703	1440	1446	1450	rBV2	9424	16637	1.66%	0.191%
58	10.745	1450	1453	1458	rVB3	2033	2962	0.30%	0.034%
59	10.867	1470	1473	1475	rVB3	741	857	0.09%	0.010%
60	10.922	1475	1482	1497	rBV	133635	235867	23.59%	2.714%
61	11.068	1500	1506	1516	rVV	42912	76877	7.69%	0.885%
62	11.135	1516	1517	1519	rVV2	1490	967	0.10%	0.011%
63	11.166	1521	1522	1526	rVB3	770	833	0.08%	0.010%
64	11.276	1538	1540	1543	rBV3	368	528	0.05%	0.006%
65	11.300	1543	1544	1547	rBV3	432	468	0.05%	0.005%
66	11.330	1547	1549	1550	rBV	889	658	0.07%	0.008%
67	11.397	1556	1560	1561	rBV3	839	941	0.09%	0.011%
68	11.507	1576	1578	1582	rVB5	1078	1048	0.10%	0.012%
69	11.562	1585	1587	1589	rVB3	464	335	0.03%	0.004%
70	11.629	1590	1598	1609	rVB	592199	999912	100.00%	11.506%
71	11.715	1609	1612	1614	rBV4	626	1017	0.10%	0.012%
72	11.800	1624	1626	1628	rBV3	574	648	0.06%	0.007%
73	11.849	1628	1634	1641	rVV5	7805	18120	1.81%	0.208%
74	11.952	1645	1651	1654	rVV6	2735	6814	0.68%	0.078%
75	12.013	1656	1661	1670	rVV	15931	30057	3.01%	0.346%
76	12.105	1673	1676	1677	rBV3	482	541	0.05%	0.006%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXZ6

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_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

77	12.166	1683	1686	1687	rBV3	1122	938	0.09%	0.011%
78	12.184	1687	1689	1693	rVV5	858	1172	0.12%	0.013%
79	12.239	1695	1698	1701	rVV5	902	1459	0.15%	0.017%
80	12.336	1708	1714	1719	rBV7	7187	15945	1.59%	0.183%
81	12.599	1752	1757	1763	rVB	13740	22961	2.30%	0.264%
82	12.690	1765	1772	1778	rBV	189332	315287	31.53%	3.628%
83	12.940	1809	1813	1814	rBV4	2521	3092	0.31%	0.036%
84	13.031	1816	1828	1845	rVB2	35790	155897	15.59%	1.794%
85	13.153	1845	1848	1851	rBV4	2884	3818	0.38%	0.044%
86	13.214	1853	1858	1859	rBV4	7293	10839	1.08%	0.125%
87	13.281	1860	1869	1883	rVB5	42408	156980	15.70%	1.806%
88	13.391	1884	1887	1890	rBV4	7823	11491	1.15%	0.132%
89	13.550	1907	1913	1921	rBV	414233	694830	69.49%	7.995%
90	13.641	1925	1928	1934	rVB	8335	13870	1.39%	0.160%
91	13.848	1955	1962	1969	rBV	267363	448192	44.82%	5.157%
92	14.062	1993	1997	2006	rVB3	12454	23242	2.32%	0.267%
93	14.196	2014	2019	2023	rBV8	5435	13853	1.39%	0.159%
94	14.318	2036	2039	2044	rBV6	9621	16219	1.62%	0.187%
95	14.641	2084	2092	2097	rBV9	11419	38989	3.90%	0.449%
96	14.946	2139	2142	2148	rVB7	5890	10518	1.05%	0.121%
97	15.049	2152	2159	2169	rVB7	16297	59090	5.91%	0.680%
98	15.202	2176	2184	2198	rVB	161520	413077	41.31%	4.753%
99	15.598	2244	2249	2250	rBV2	12930	21356	2.14%	0.246%
100	16.092	2325	2330	2334	rBV6	16627	40806	4.08%	0.470%

Sum of corrected areas: 8690665

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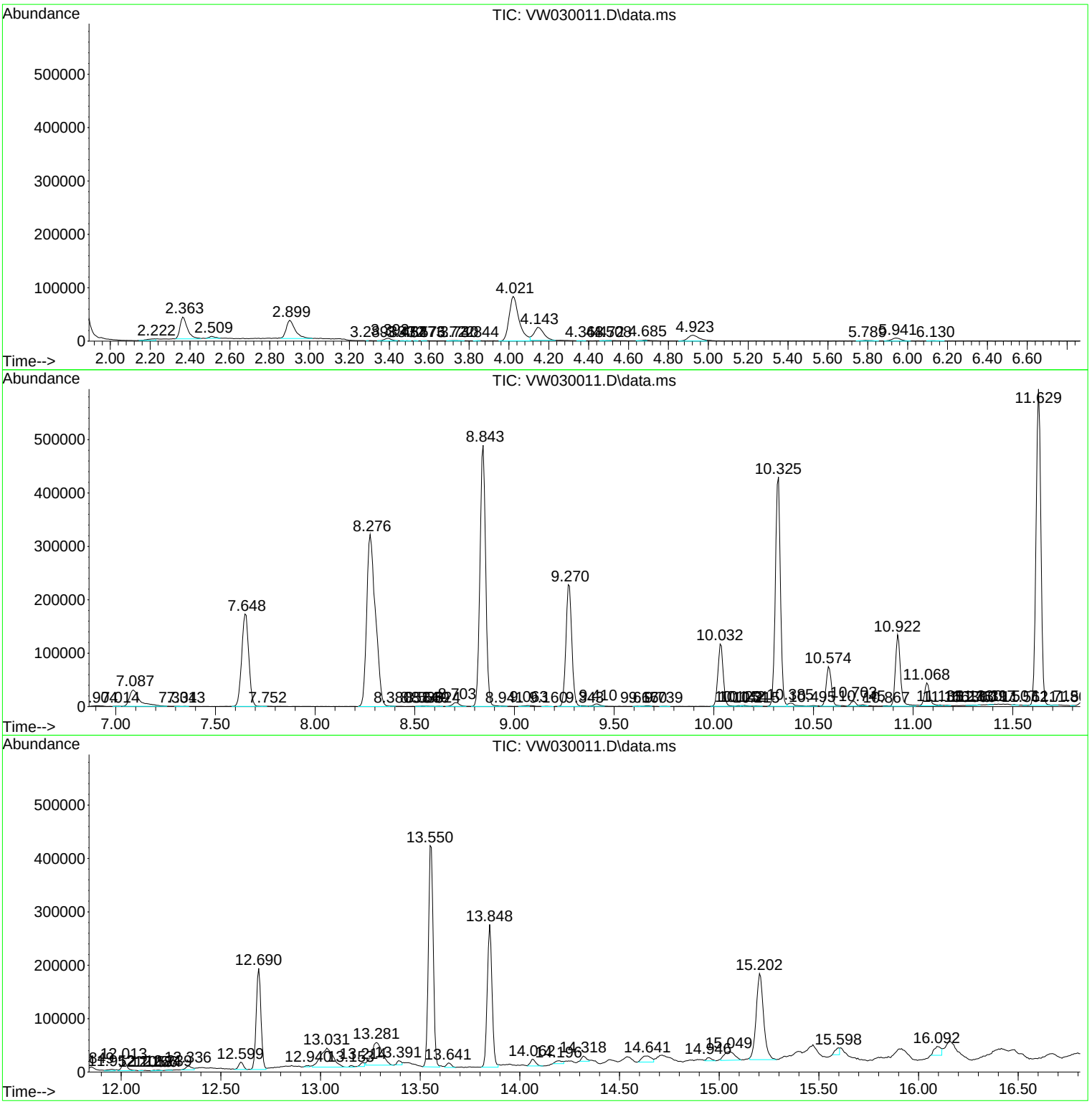
Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

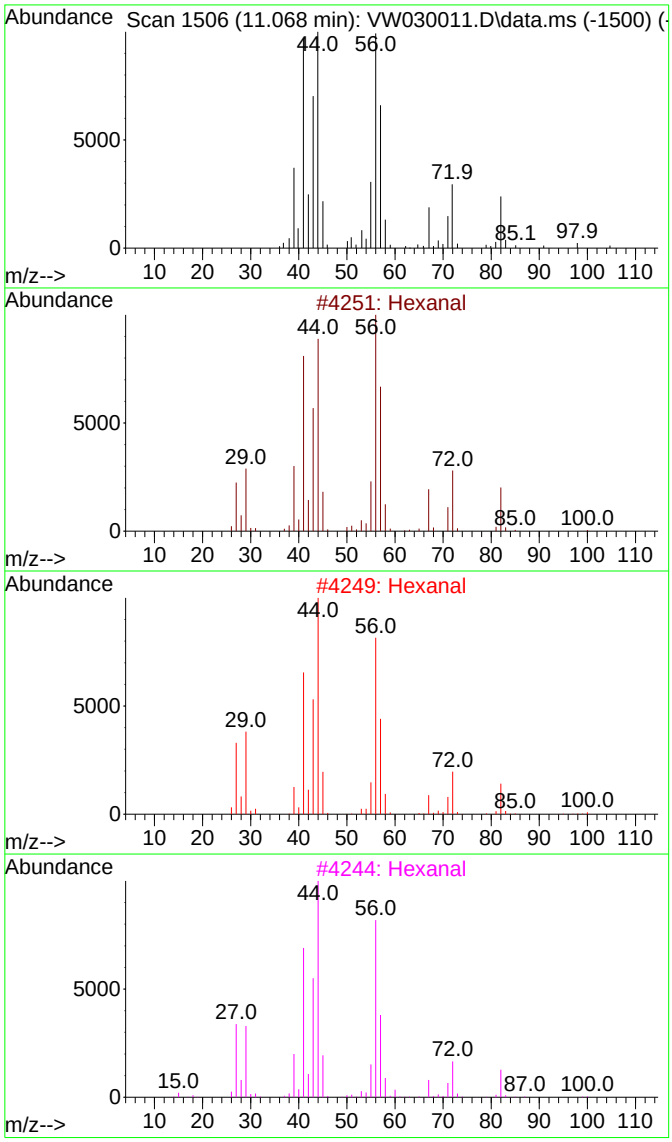
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

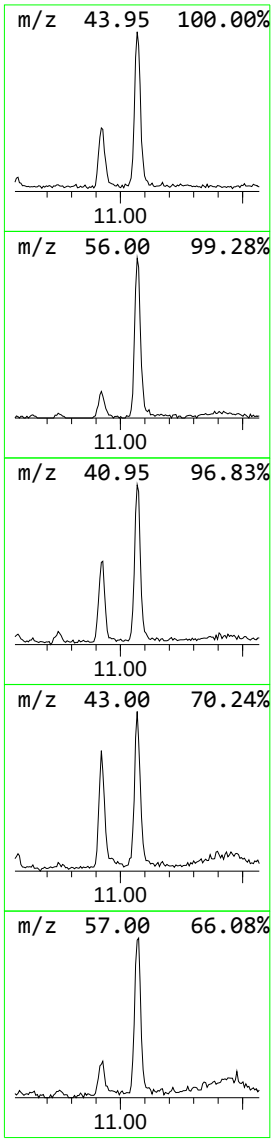
****

Peak Number 2 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	1.92 ug/L	76877	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	72
5	Hexanal	100	C6H12O	000066-25-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
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Operator : SY/MD
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

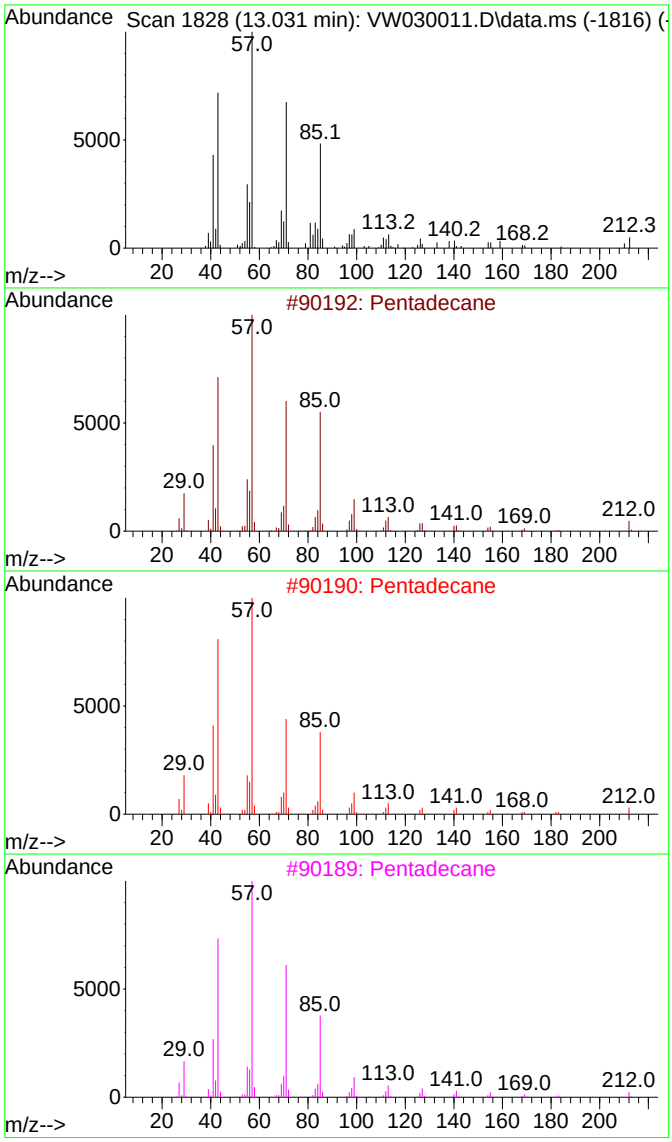
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

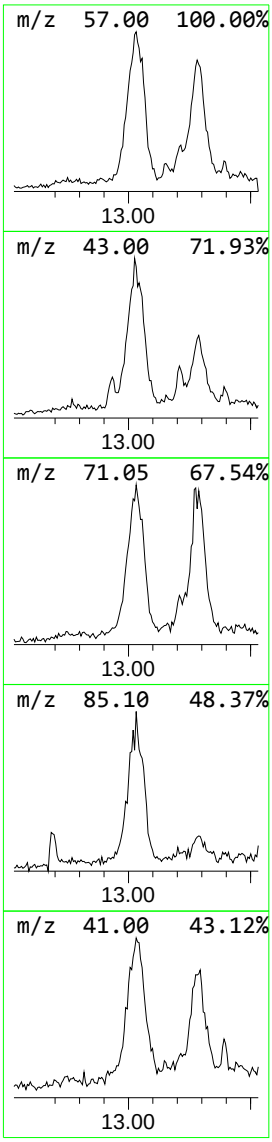
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	5.61 ug/L	155897	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Pentadecane	212	C15H32	000629-62-9	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Nonadecane	268	C19H40	000629-92-5	83
5	Pentadecane	212	C15H32	000629-62-9	81





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Instrument :
MSVOA_W
ClientSampleId :
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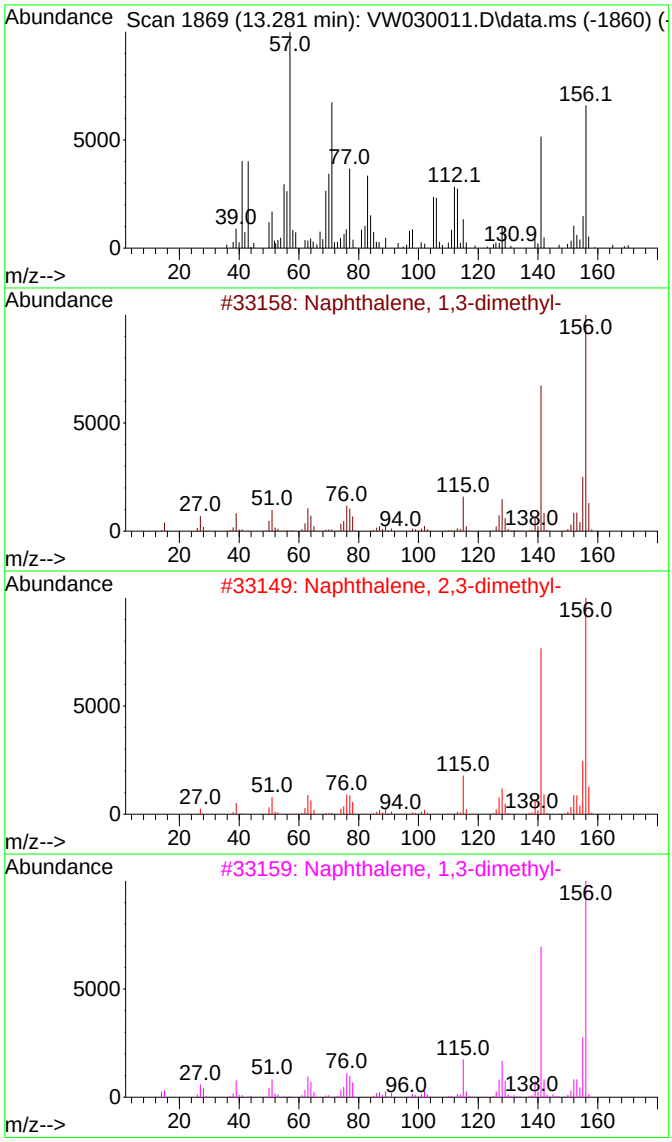
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

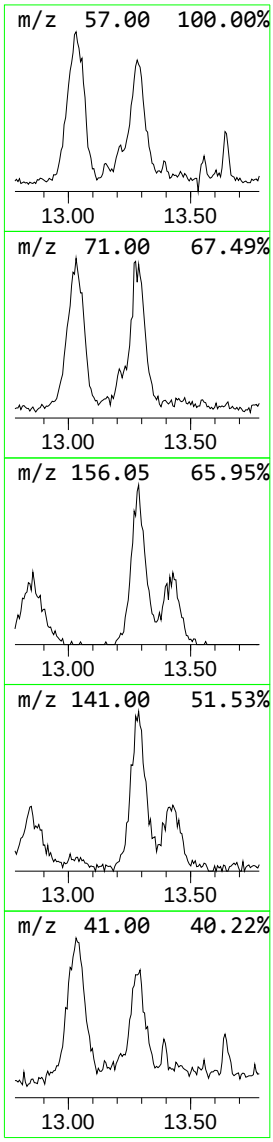
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	5.65 ug/L	156980	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	56
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	56
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	56
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	42
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	42





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MSVOA_W
ClientSampleId :
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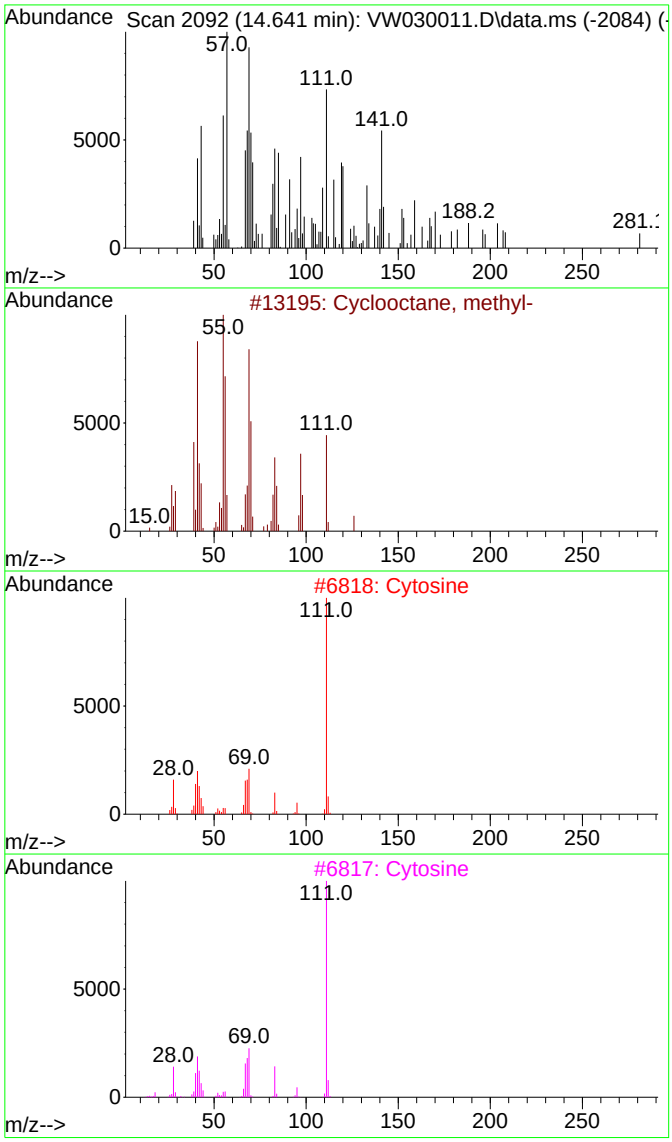
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

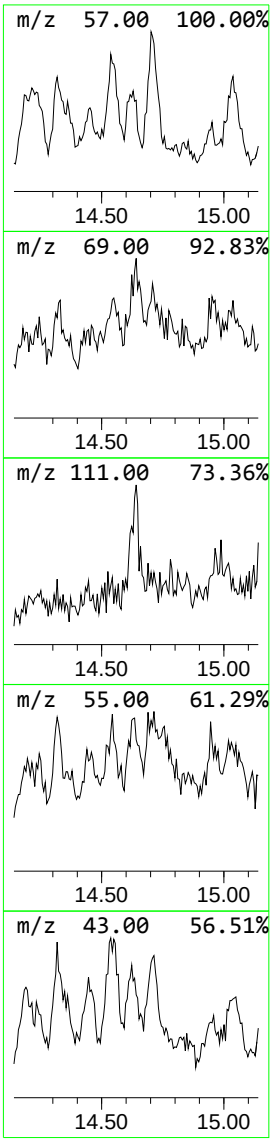
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic14.641 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.641	1.40 ug/L	38989	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	50
2	Cytosine	111	C4H5N3O	000071-30-7	42
3	Cytosine	111	C4H5N3O	000071-30-7	42
4	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	30
5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	30





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Operator : SY/MD
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Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

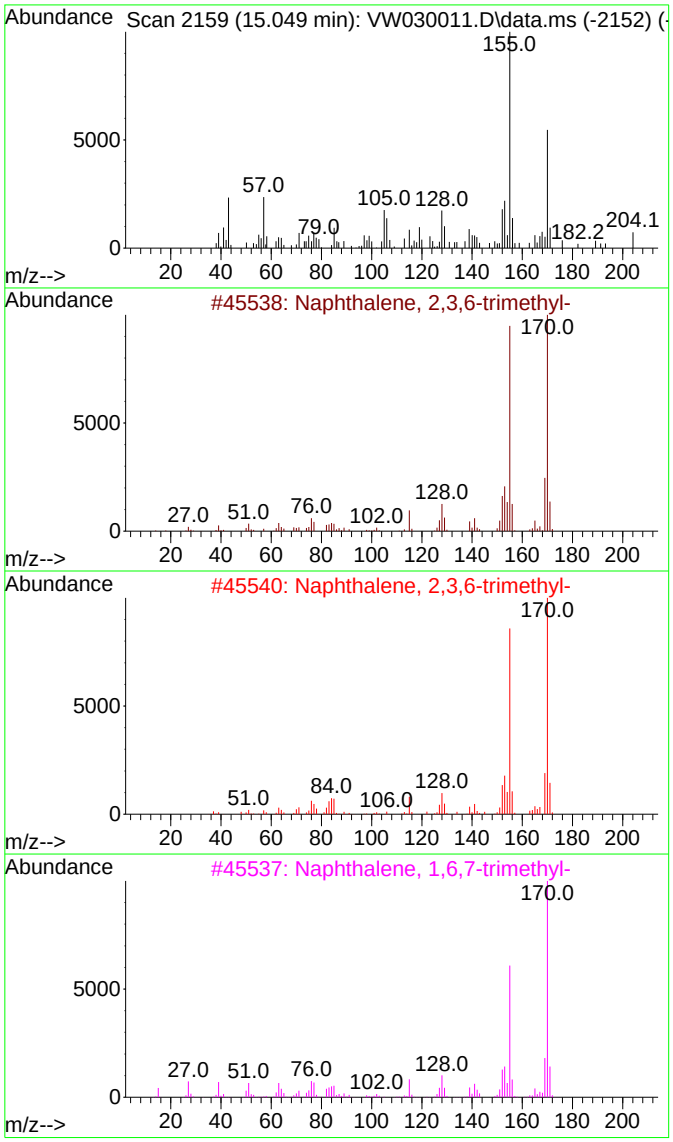
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

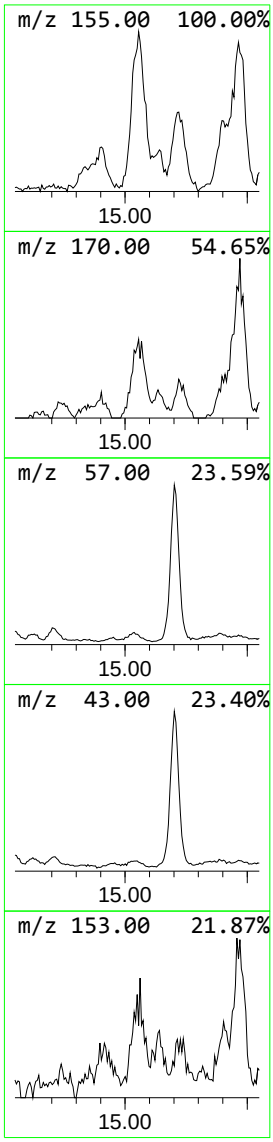
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.049	2.13 ug/L	59090	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
Acq On : 23 Aug 2024 15:30
Operator : SY/MD
Sample : P3673-16
Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

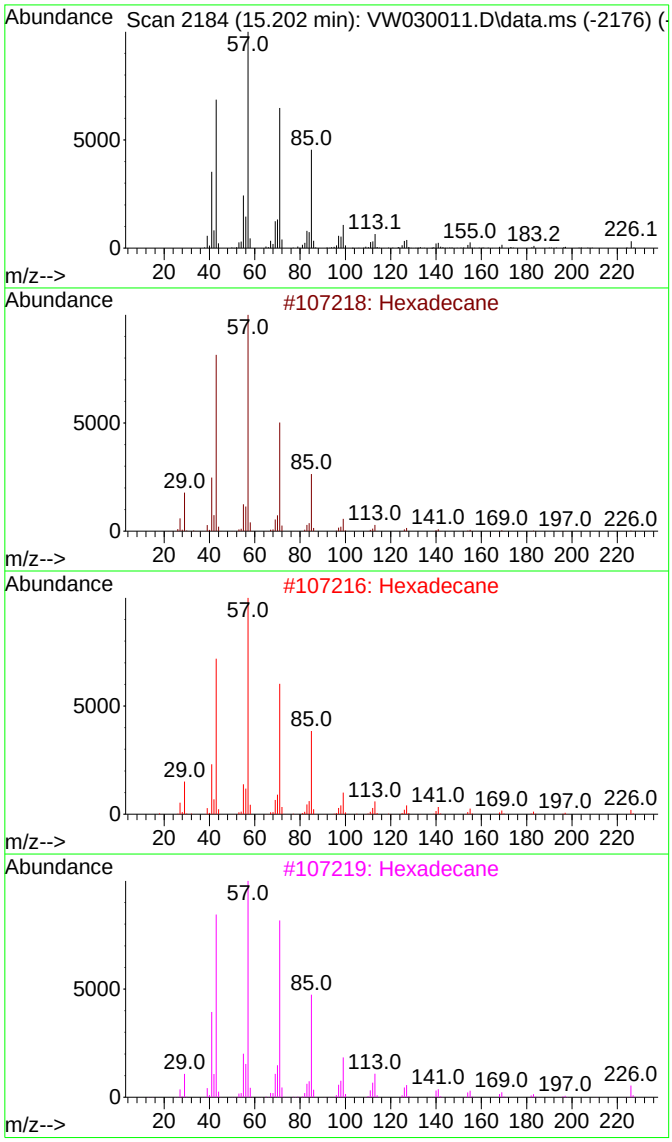
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

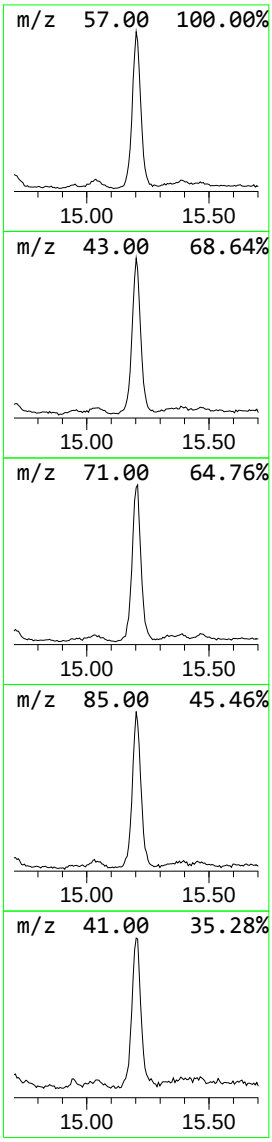
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	14.86 ug/L	413077	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Hexadecane	226	C16H34	000544-76-3	93
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
Acq On : 23 Aug 2024 15:30
Operator : SY/MD
Sample : P3673-16
Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

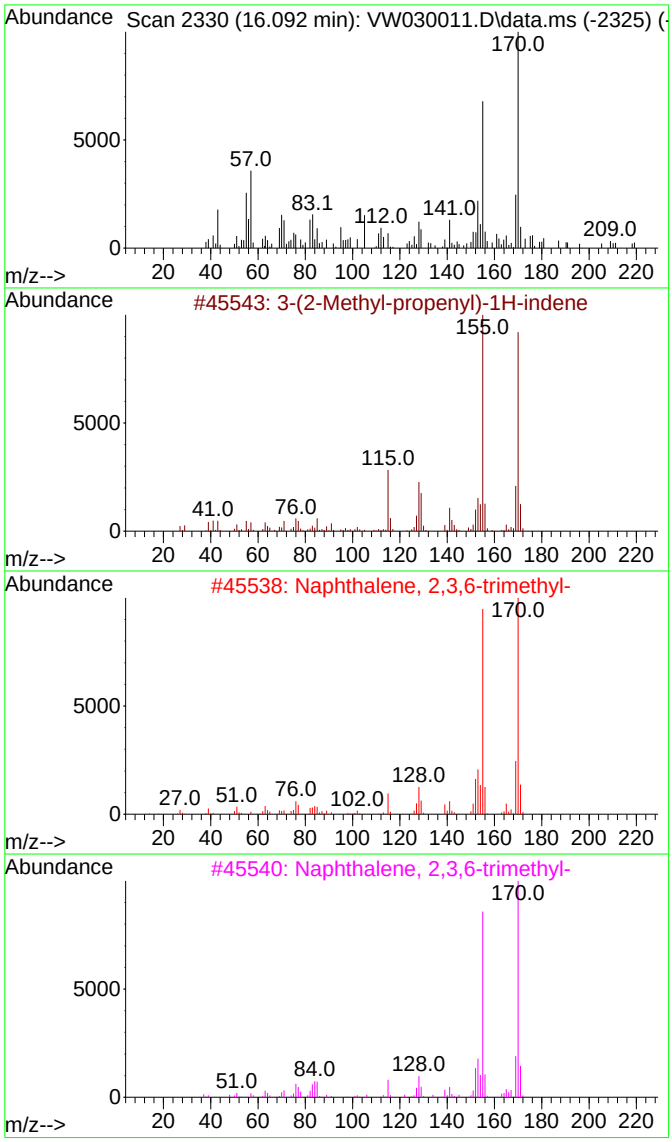
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

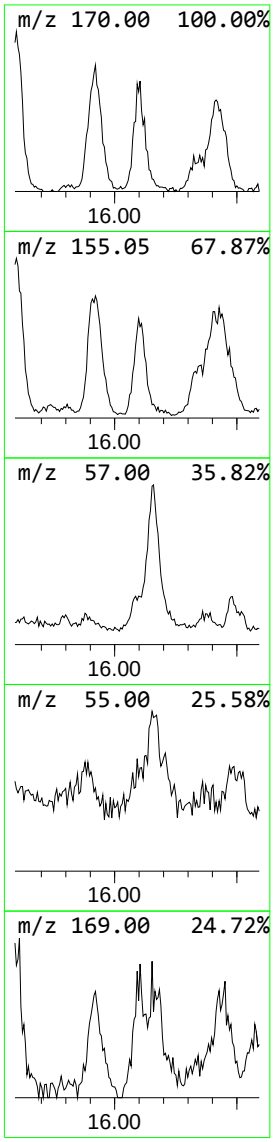
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	1.47 ug/L	40806	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030011.D
Acq On : 23 Aug 2024 15:30
Operator : SY/MD
Sample : P3673-16
Misc : 5.52g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	11.068	1.9	ug/L	76877	2	11.629	999912	25.0
(DEL) Alkane: S...	13.031	5.6	ug/L	155897	3	13.556	694830	25.0
Naphthalene, 1,...	13.281	5.7	ug/L	156980	3	13.556	694830	25.0
(DEL) Alkane: C...	14.641	1.4	ug/L	38989	3	13.556	694830	25.0
Naphthalene, 2,...	15.049	2.1	ug/L	59090	3	13.556	694830	25.0
(DEL) Alkane: S...	15.202	14.9	ug/L	413077	3	13.556	694830	25.0
3-(2-Methyl-pro...	16.092	1.5	ug/L	40806	3	13.556	694830	25.0