LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

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\SFAMWLM082624SMA.M
Title : SFAM01.0

Signal : TIC: VW030086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	39	44	45	rBV2	701	1091	0.17%	0.019%
2	2.180	45	48	52	rVB3	1049	1430	0.23%	0.025%
3	2.363	67	78	94	rBV	36902	108640	17.23%	1.884%
4	2.503	95	101	109	rVV2	7781	19165	3.04%	0.332%
5	2.899	157	166	181	rBV	26789	85684	13.59%	1.486%
6	3.302	227	232	236	rBV4	766	1582	0.25%	0.027%
7	3.393	238	247	258	rVV2	15215	36080	5.72%	0.626%
8	3.527	264	269	270	rBV4	701	936	0.15%	0.016%
9	3.704	297	298	301	rBV2	265	322	0.05%	0.006%
10	3.899	327	330	332	rBV2	417	636	0.10%	0.011%
11	4.021	338	350	359	rBV3	64151	219786	34.85%	3.811%
12	4.119	359	366	384	rVB	83532	240857	38.19%	4.176%
13	4.271	389	391	394	rBV3	521	575	0.09%	0.010%
14	4.387	406	410	412	rBV2	953	1327	0.21%	0.023%
15	4.679	447	458	471	rBV2	9069	27348	4.34%	0.474%
16	4.923	488	498	514	rVV2	5069	20757	3.29%	0.360%
17	5.789	631	640	649	rBV4	2268	8073	1.28%	0.140%
18	5.941	655	665	678	rVB2	7501	22791	3.61%	0.395%
19	6.124	690	695	701	rBV5	647	1489	0.24%	0.026%
20	6.899	807	822	833	rBV	27498	80488	12.76%	1.395%
21	7.075	843	851	862	rBV	20471	59902	9.50%	1.039%
22	7.368	896	899	904	rVB4	344	508	0.08%	0.009%
23	7.648	934	945	959	rBV	110855	269204	42.69%	4.667%
24	8.276	1036	1048	1065	rBV2	213528	630626	100.00%	10.933%
25	8.392	1065	1067	1070	rVB4	365	340	0.05%	0.006%
26	8.459	1074	1078	1081	rVB3	219	349	0.06%	0.006%
27	8.520	1081	1088	1089	rBV3	968	1708	0.27%	0.030%
28	8.551	1089	1093	1100	rVB4	1793	3116	0.49%	0.054%
29	8.703	1110	1118	1131	rBV	25199	56672	8.99%	0.983%
30	8.843	1132	1141	1152	rVV	239794	474066	75.17%	8.219%
31	9.026	1165	1171	1180	rBV2	12483	26677	4.23%	0.463%
32	9.270	1203	1211	1226	rBV	151552	316331	50.16%	5.484%
33	9.404	1226	1233	1245	rVB	25151	49934	7.92%	0.866%
34	9.654	1269	1274	1275	rBV4	356	484	0.08%	0.008%
35	9.941	1317	1321	1323	rBV2	295	404	0.06%	0.007%
36	10.032	1325	1336	1348	rBV	68774	126433	20.05%	2.192%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXY8RE

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\SFAMWLM082624SMA.M
Title : SFAM01.0

37	10.160	1348	1357	1362	rVB6	719	1601	0.25%	0.028%
38	10.209	1362	1365	1369	rBV2	293	354	0.06%	0.006%
39	10.319	1371	1383	1390	rBV	248375	459748	72.90%	7.971%
40	10.386	1390	1394	1399	rVB2	9570	16828	2.67%	0.292%
41	10.502	1408	1413	1418	rVB2	1657	2899	0.46%	0.050%
42	10.575	1418	1425	1432	rBV	42235	74821	11.86%	1.297%
43	10.703	1440	1446	1448	rBV3	4636	7630	1.21%	0.132%
44	10.733	1448	1451	1460	rVB	7854	13732	2.18%	0.238%
45	10.922	1474	1482	1495	rBV	82342	147874	23.45%	2.564%
46	11.069	1499	1506	1517	rBV	170452	270709	42.93%	4.693%
47	11.282	1539	1541	1545	rVB3	312	394	0.06%	0.007%
48	11.459	1568	1570	1576	rVB4	260	424	0.07%	0.007%
49	11.568	1581	1588	1591	rBV4	2121	4015	0.64%	0.070%
50	11.629	1591	1598	1607	rVB	258313	428291	67.92%	7.425%
51	11.733	1612	1615	1621	rVB7	573	1105	0.18%	0.019%
52	11.837	1625	1632	1643	rBV3	21070	45444	7.21%	0.788%
53	11.946	1646	1650	1655	rVB4	1888	3066	0.49%	0.053%
54	12.013	1655	1661	1671	rBV	38533	65311	10.36%	1.132%
55	12.233	1692	1697	1704	rVV	16729	27810	4.41%	0.482%
56	12.337	1707	1714	1724	rVB5	12028	34878	5.53%	0.605%
57	12.465	1729	1735	1741	rBV	20172	33713	5.35%	0.584%
58	12.599	1751	1757	1765	rBV	6410	10276	1.63%	0.178%
59	12.690	1765	1772	1785	rVV2	91617	201709	31.99%	3.497%
60	12.824	1792	1794	1796	rVB2	575	384	0.06%	0.007%
61	12.934	1803	1812	1817	rBV4	4185	9167	1.45%	0.159%
62	13.038	1823	1829	1833	rBV2	4333	6816	1.08%	0.118%
63	13.093	1833	1838	1842	rBV5	3719	7459	1.18%	0.129%
64	13.154	1842	1848	1852	rBV	43867	68364	10.84%	1.185%
65	13.208	1852	1857	1863	rVB	41661	61418	9.74%	1.065%
66	13.282	1863	1869	1876	rVB3	12202	26297	4.17%	0.456%
67	13.391	1880	1887	1893	rBV4	11271	20067	3.18%	0.348%
68	13.464	1893	1899	1902	rBV	162809	270023	42.82%	4.681%
69	13.556	1908	1914	1920	rVB	143771	231762	36.75%	4.018%
70	13.611	1920	1923	1935	rVB6	3600	8895	1.41%	0.154%
71	13.708	1936	1939	1941	rBV2	741	729	0.12%	0.013%
72	13.745	1943	1945	1946	rBV	575	415	0.07%	0.007%
73	13.848	1955	1962	1969	rBV	92332	154847	24.55%	2.685%
74	14.013	1980	1989	1993	rBV4	6278	15150	2.40%	0.263%
75	14.068	1993	1998	2007	rVV4	12240	25942	4.11%	0.450%
76	14.147	2007	2011	2016	rVV4	2965	4364	0.69%	0.076%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXY8RE

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\SFAMWLM082624SMA.M
Title : SFAM01.0

77	14.214	2018	2022	2026	rBV4	2084	3211	0.51%	0.056%
78	14.318	2034	2039	2047	rBV3	8188	13535	2.15%	0.235%
79	14.415	2053	2055	2061	rBV5	853	1272	0.20%	0.022%
80	14.556	2077	2078	2082	rBV3	278	362	0.06%	0.006%
81	14.617	2082	2088	2090	rVV4	931	1724	0.27%	0.030%
82	14.684	2093	2099	2111	rVV2	13279	25383	4.03%	0.440%
83	14.867	2122	2129	2136	rBV5	1482	3311	0.53%	0.057%
84	14.946	2138	2142	2145	rVV3	2363	3262	0.52%	0.057%
85	14.995	2148	2150	2151	rVV2	598	408	0.06%	0.007%
86	15.019	2151	2154	2157	rVV4	636	910	0.14%	0.016%
87	15.062	2159	2161	2163	rVV3	996	1124	0.18%	0.019%
88	15.110	2163	2169	2175	rVV3	6219	12364	1.96%	0.214%
89	15.202	2175	2184	2187	rVV4	5625	12181	1.93%	0.211%
90	15.245	2187	2191	2197	rVV6	5316	9302	1.48%	0.161%
91	15.354	2206	2209	2212	rBV3	452	555	0.09%	0.010%
92	15.391	2212	2215	2219	rVB3	919	1272	0.20%	0.022%
93	15.476	2225	2229	2231	rBV3	1068	1161	0.18%	0.020%
94	15.653	2254	2258	2259	rBV3	276	356	0.06%	0.006%
95	15.726	2264	2270	2272	rBV4	352	723	0.11%	0.013%
96	15.763	2272	2276	2279	rBV3	372	516	0.08%	0.009%
97	15.842	2284	2289	2295	rVV6	2250	3964	0.63%	0.069%
98	15.952	2301	2307	2315	rBV3	2421	4425	0.70%	0.077%
99	16.025	2315	2319	2324	rVV5	2459	4797	0.76%	0.083%
100	16.086	2326	2329	2334	rVB5	639	1233	0.20%	0.021%

Sum of corrected areas: 5767893

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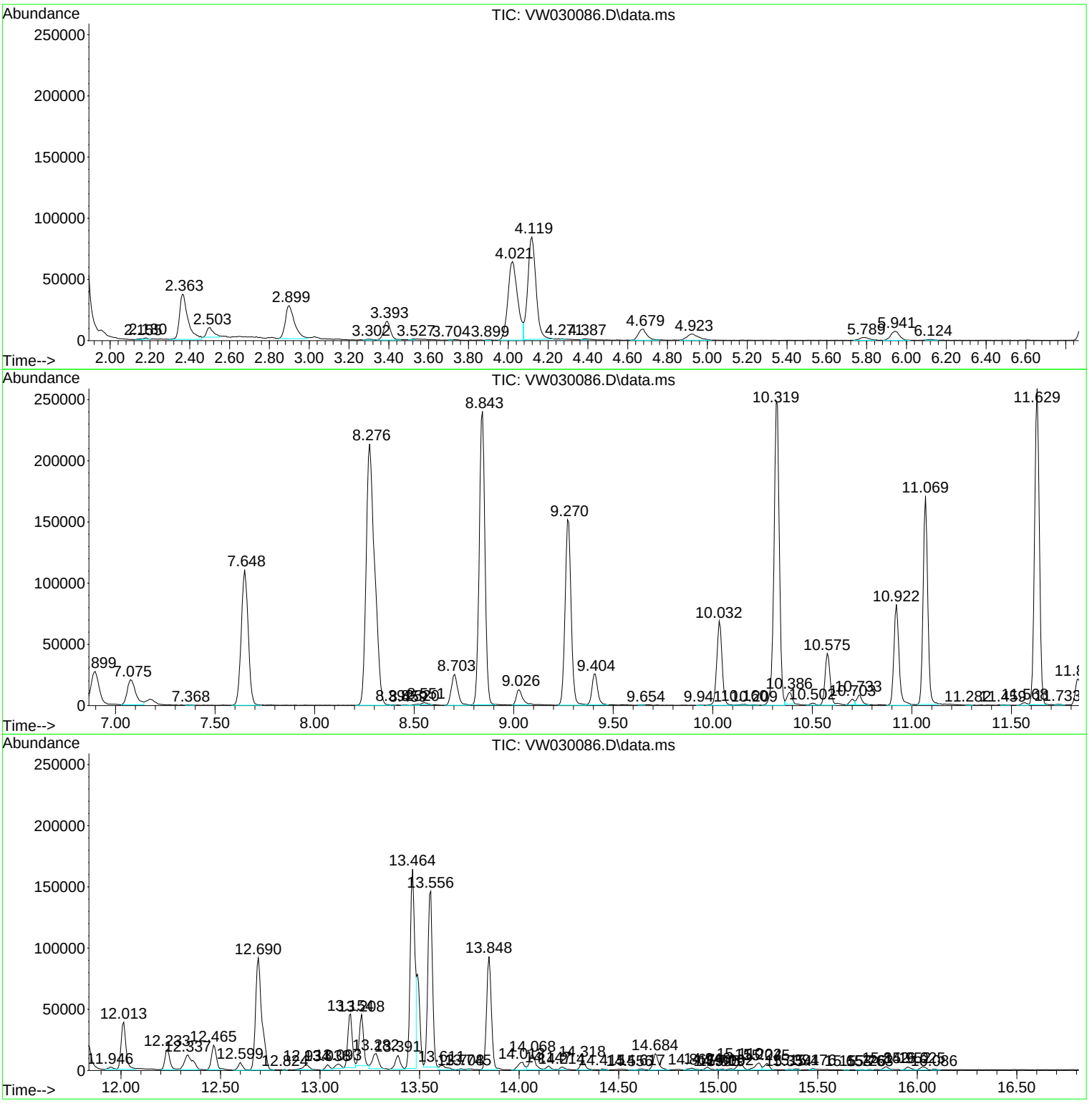
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
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Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

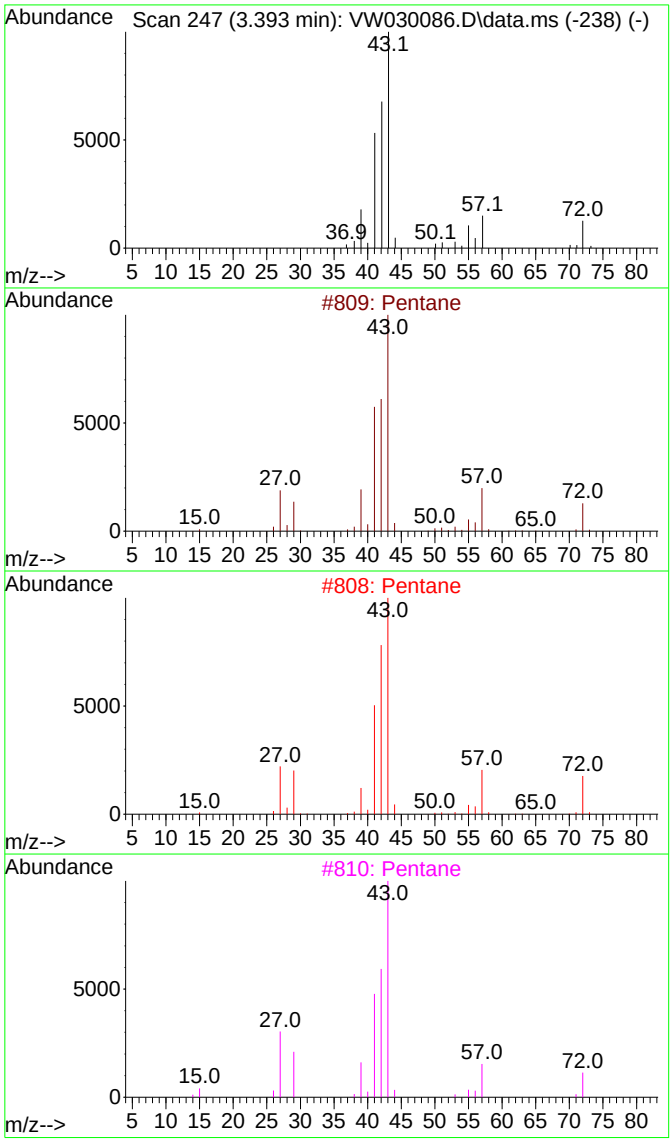
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

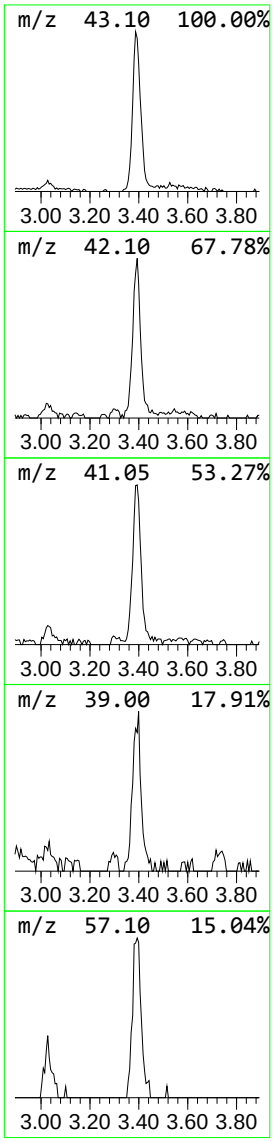
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.90 ug/L	36080	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
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Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

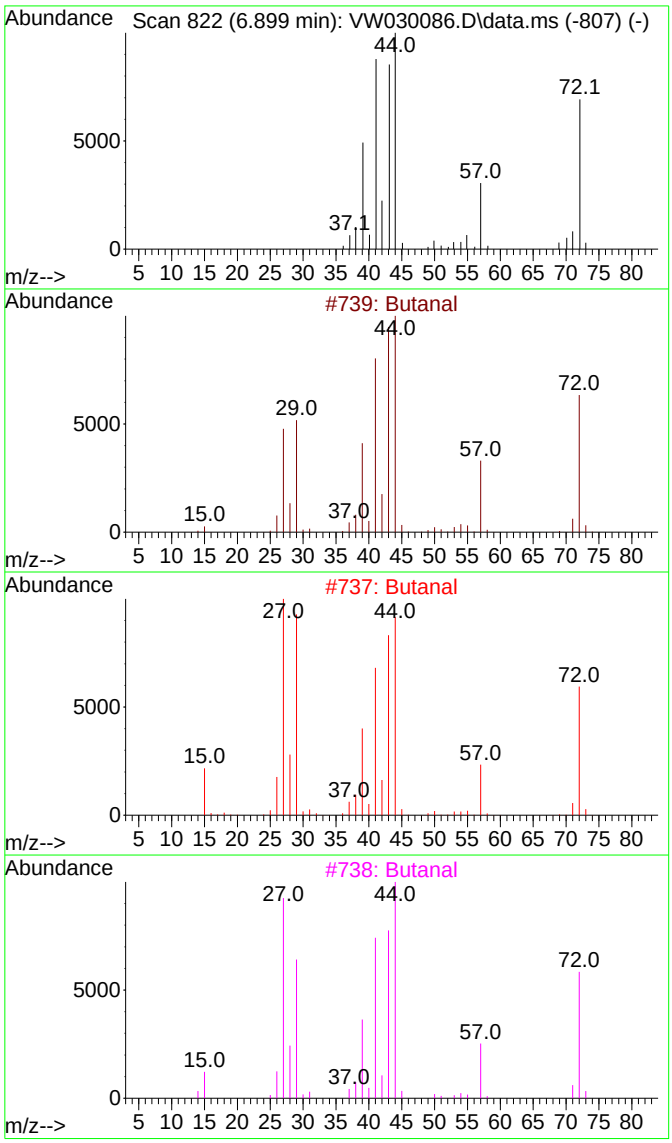
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

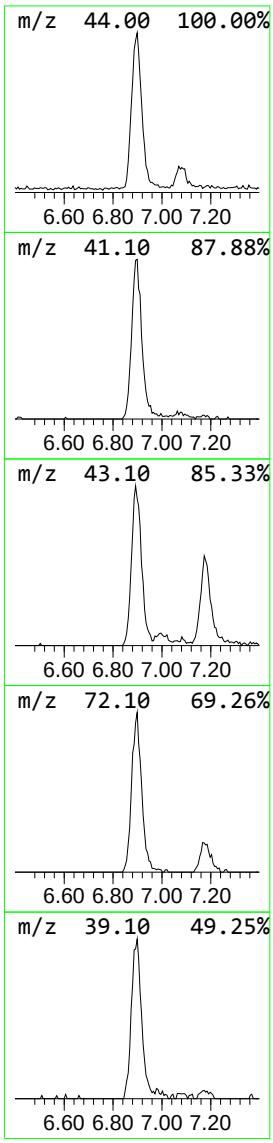
****

Peak Number 2 Butanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	4.24 ug/L	80488	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	68
4	Butanal	72	C4H8O	000123-72-8	58
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	38





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

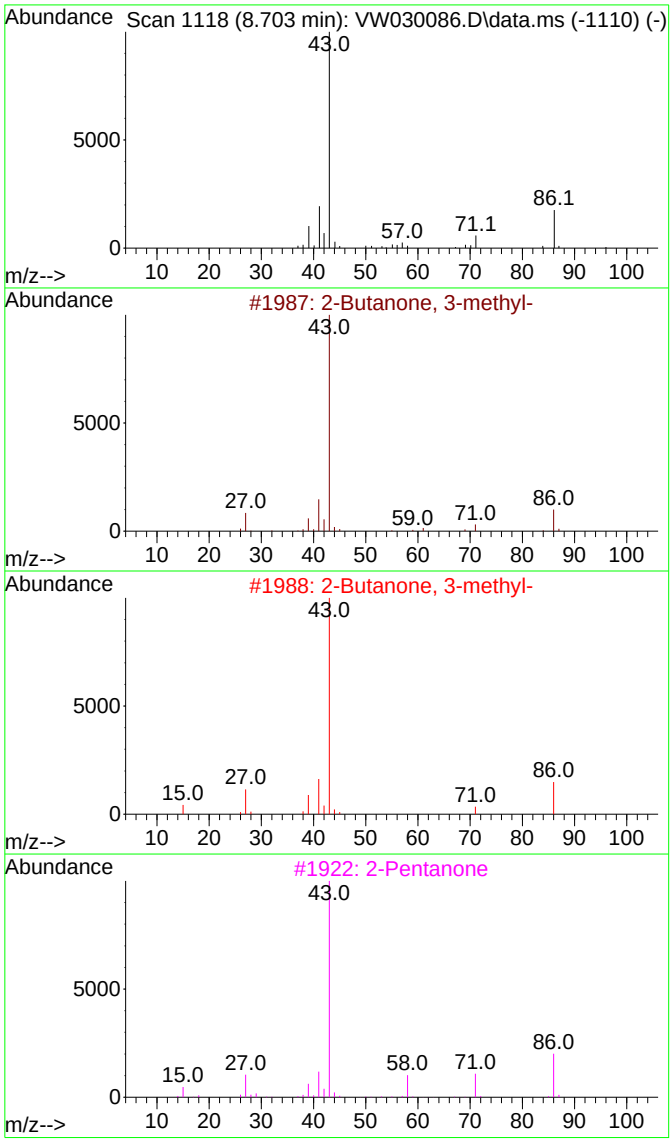
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

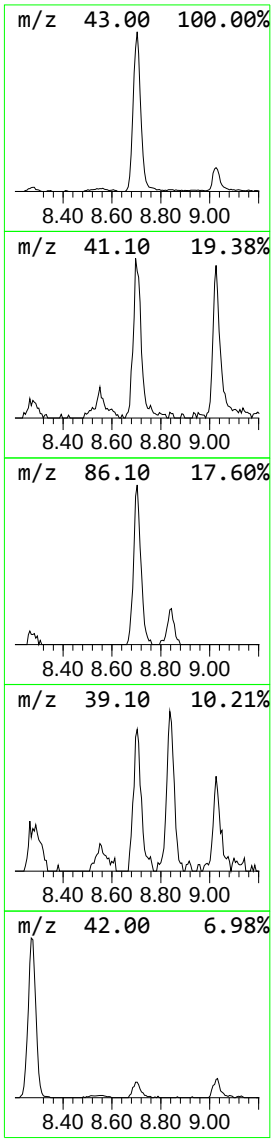
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanone, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	2.99 ug/L	56672	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
3	2-Pentanone	86	C5H10O	000107-87-9	50
4	2-Pentanone	86	C5H10O	000107-87-9	50
5	2-Pentanone	86	C5H10O	000107-87-9	47





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Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

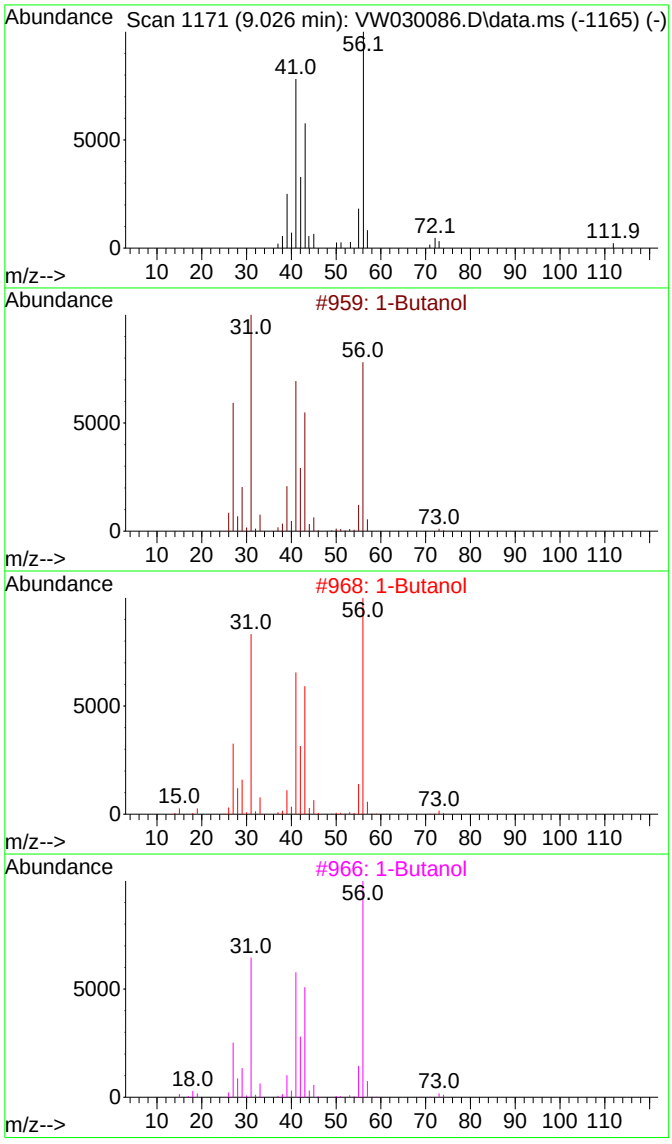
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

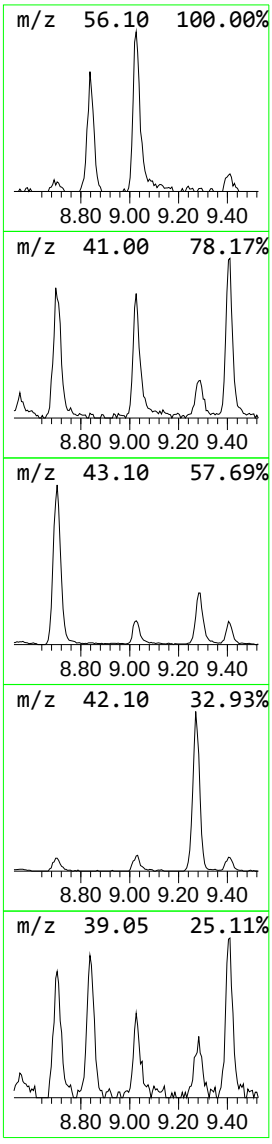
****

Peak Number 4 1-Butanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.026	1.41 ug/L	26677	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	78
2	1-Butanol	74	C4H10O	000071-36-3	64
3	1-Butanol	74	C4H10O	000071-36-3	64
4	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	50
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42





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Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

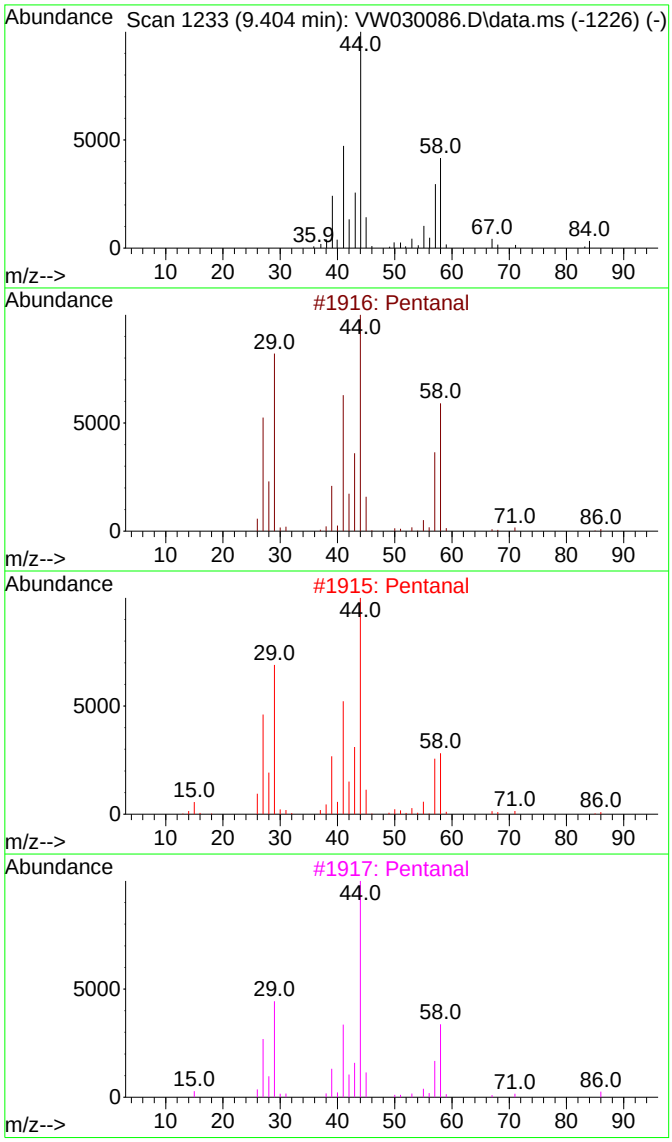
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

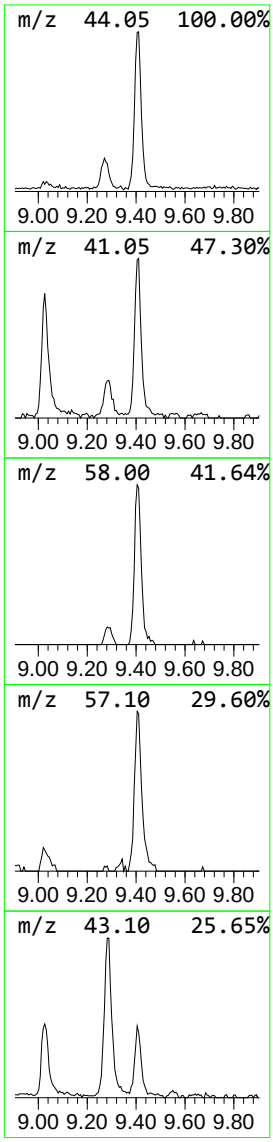
****

Peak Number 5 Pentanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	2.63 ug/L	49934	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Pentanal	86	C5H10O	000110-62-3	59
3	Pentanal	86	C5H10O	000110-62-3	53
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
5	Hexanal	100	C6H12O	000066-25-1	36





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

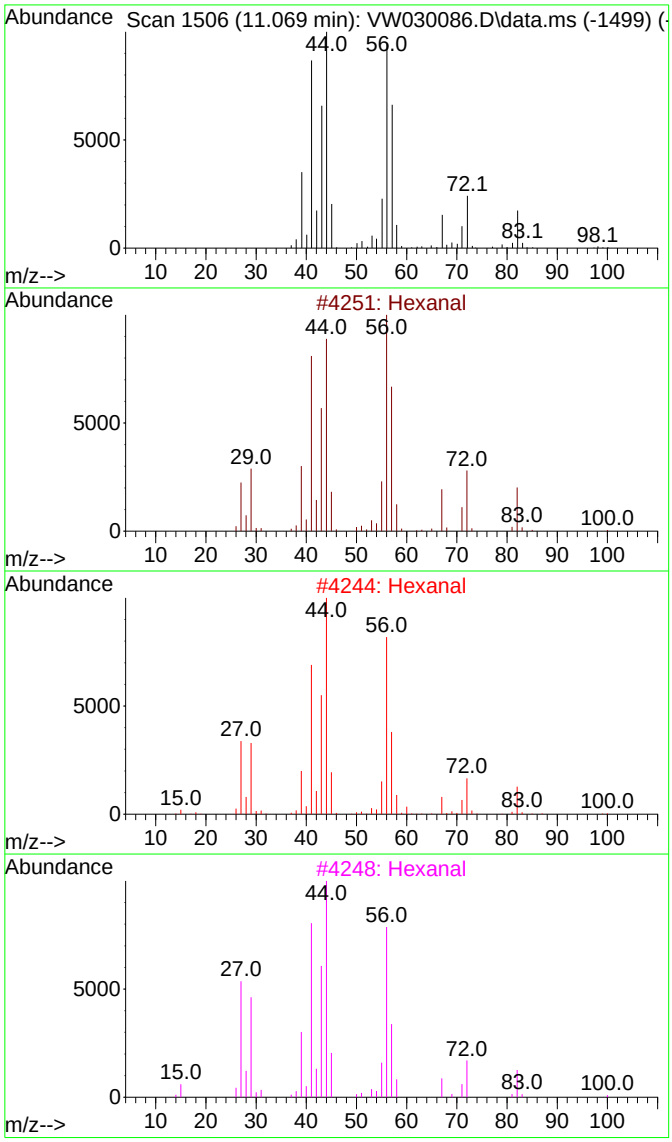
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

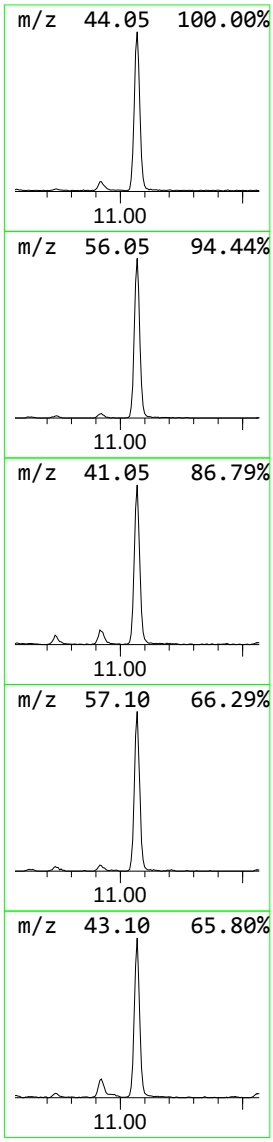
****

Peak Number 7 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	15.80 ug/L	270709	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	97
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	83





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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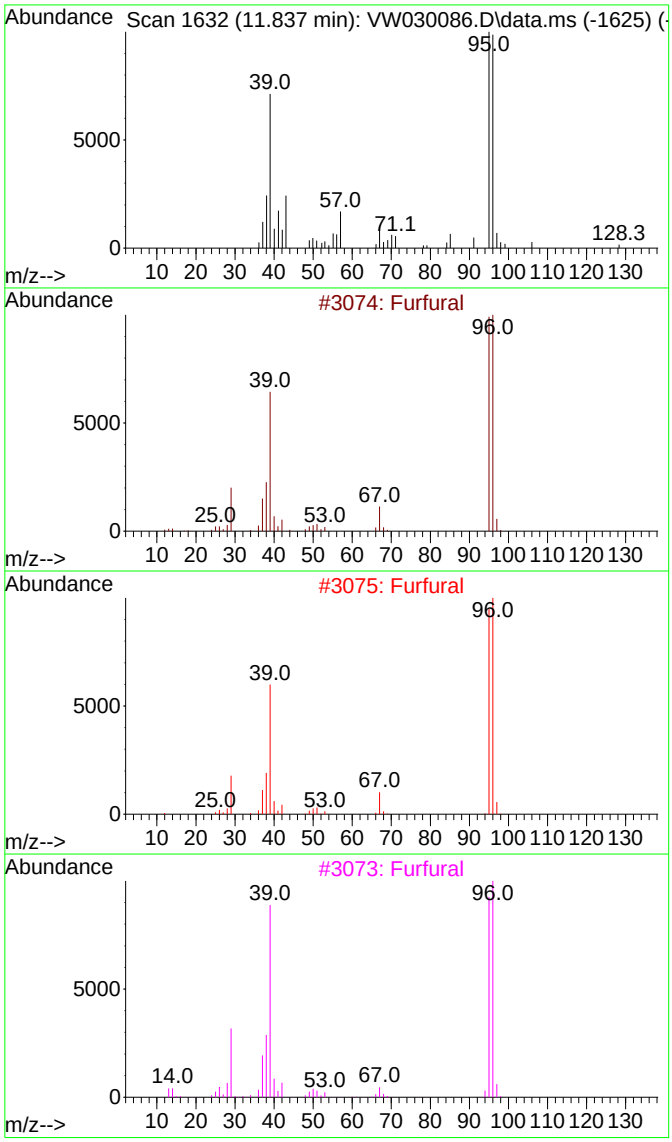
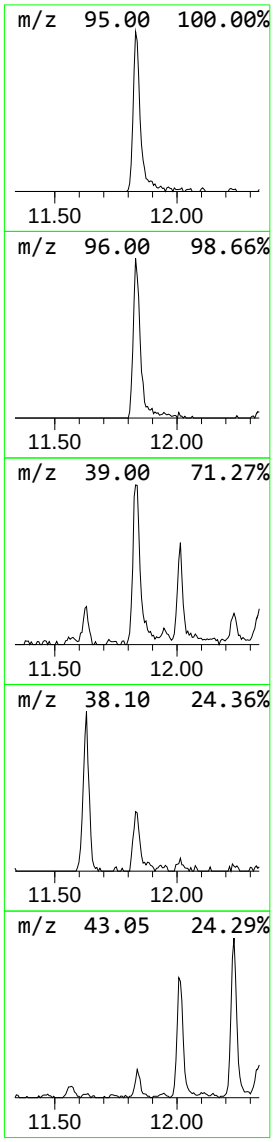
Peak Number 8 Furfural Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	2.65 ug/L	45444	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	97
2	Furfural	96	C5H4O2	000098-01-1	94
3	Furfural	96	C5H4O2	000098-01-1	94
4	3-Furaldehyde	96	C5H4O2	000498-60-2	91
5	Furfural	96	C5H4O2	000098-01-1	76





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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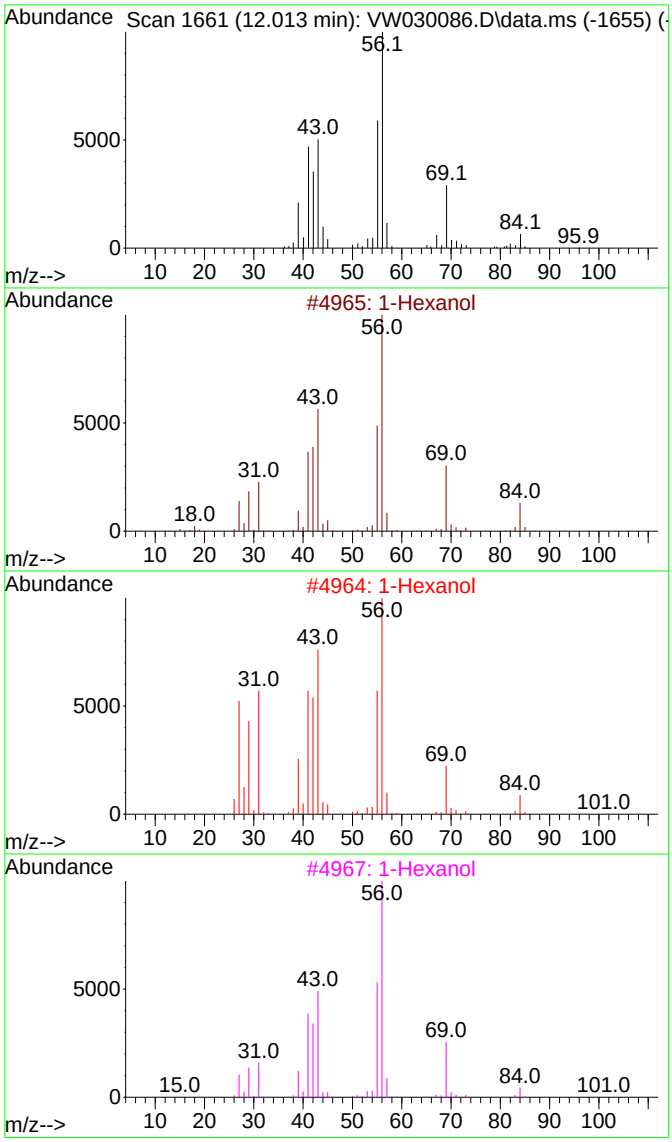
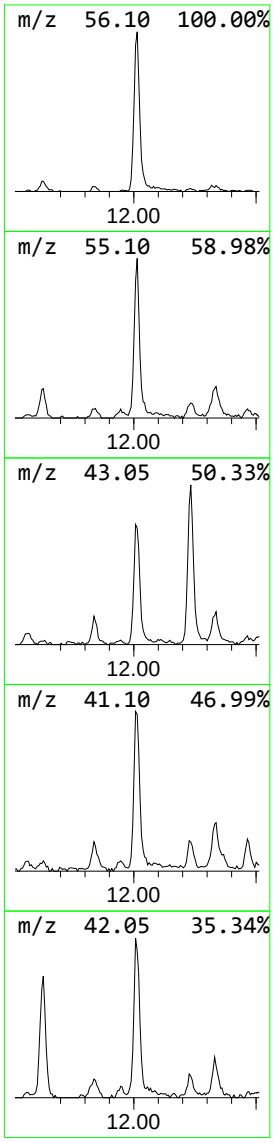
Peak Number 9 1-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	3.81 ug/L	65311	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	86
2	1-Hexanol	102	C6H14O	000111-27-3	78
3	1-Hexanol	102	C6H14O	000111-27-3	78
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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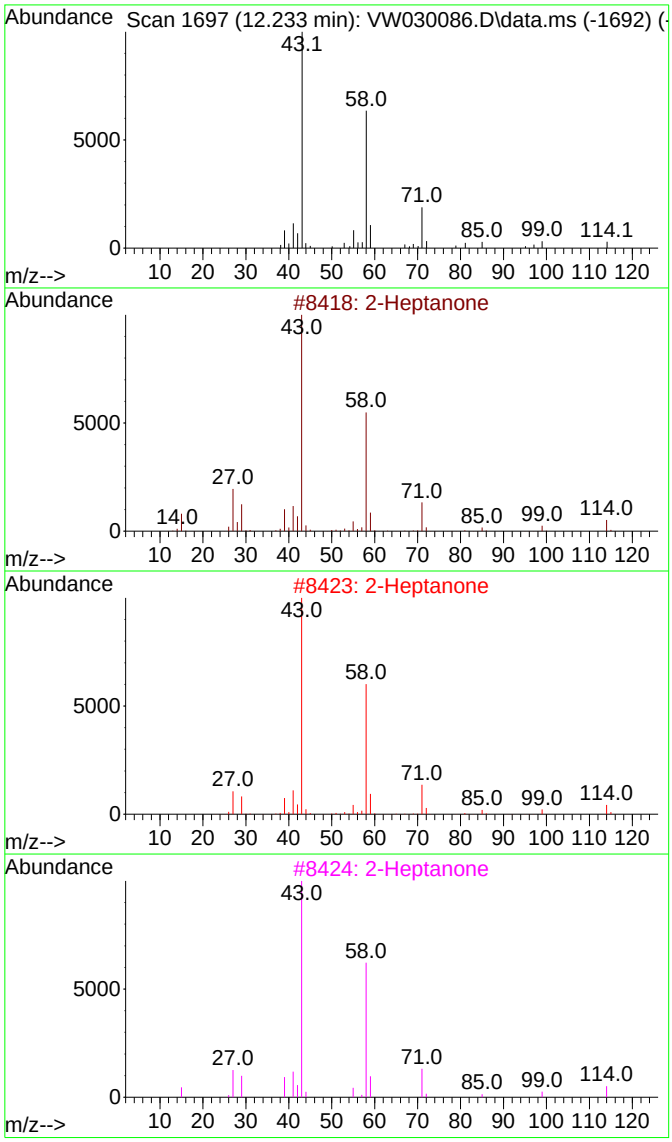
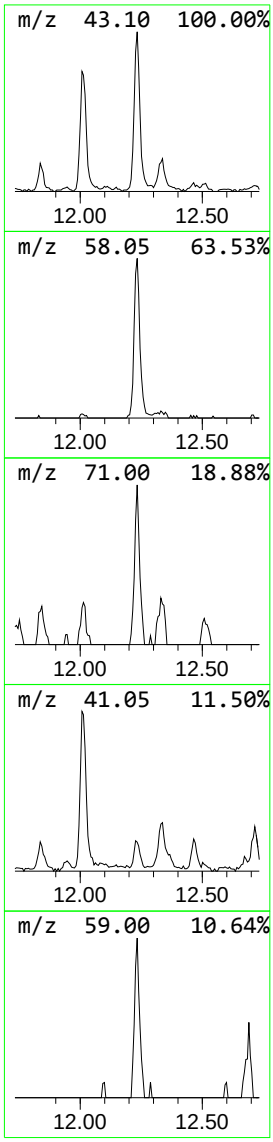
Peak Number 10 2-Heptanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	1.62 ug/L	27810	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	83
2	2-Heptanone	114	C7H14O	000110-43-0	83
3	2-Heptanone	114	C7H14O	000110-43-0	83
4	2-Heptanone	114	C7H14O	000110-43-0	83
5	2-Heptanone	114	C7H14O	000110-43-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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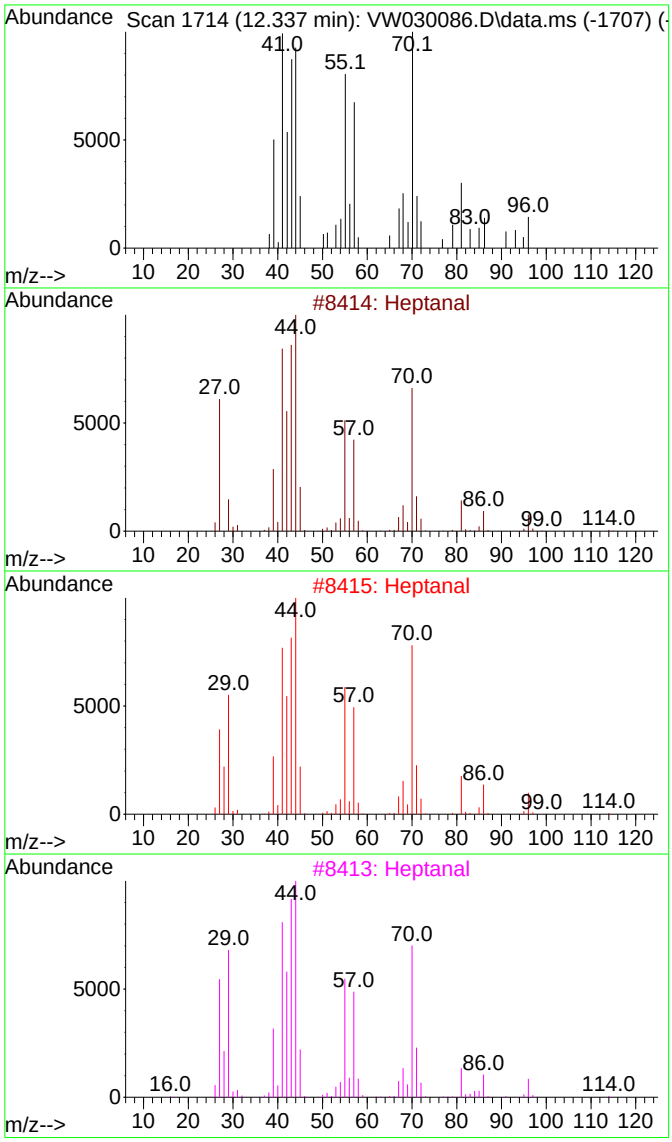
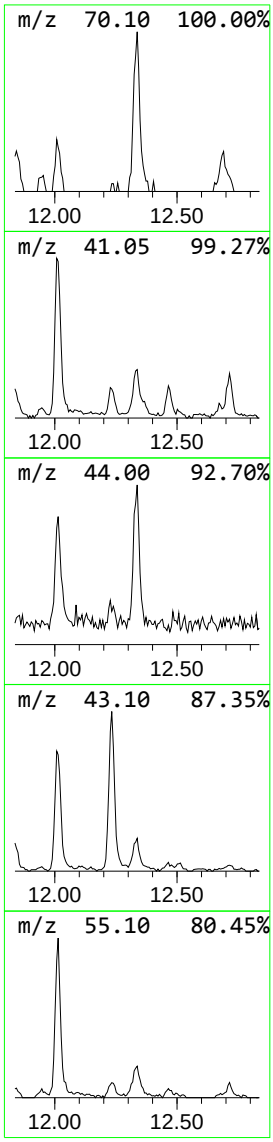
Peak Number 11 Heptanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	2.04 ug/L	34878	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	86
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	78
5	Heptanal	114	C7H14O	000111-71-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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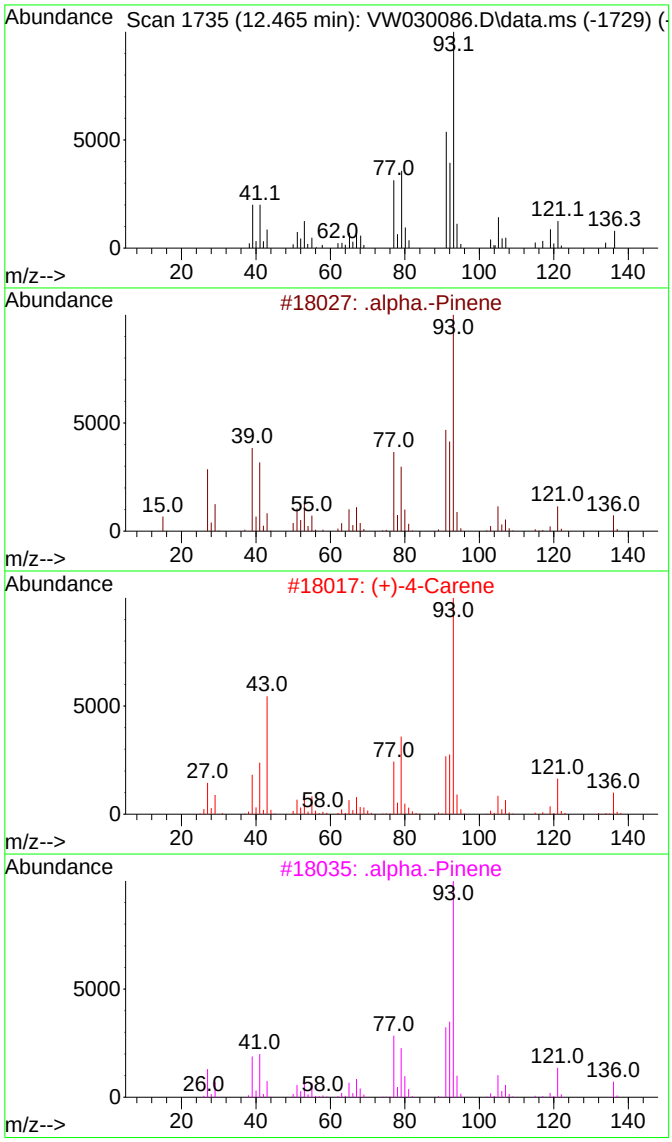
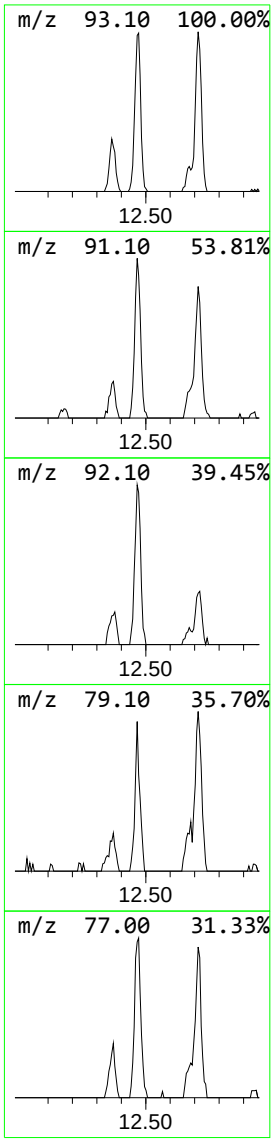
Peak Number 12 .alpha.-Pinene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	1.97 ug/L	33713	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(+)-4-Carene	136	C10H16	029050-33-7	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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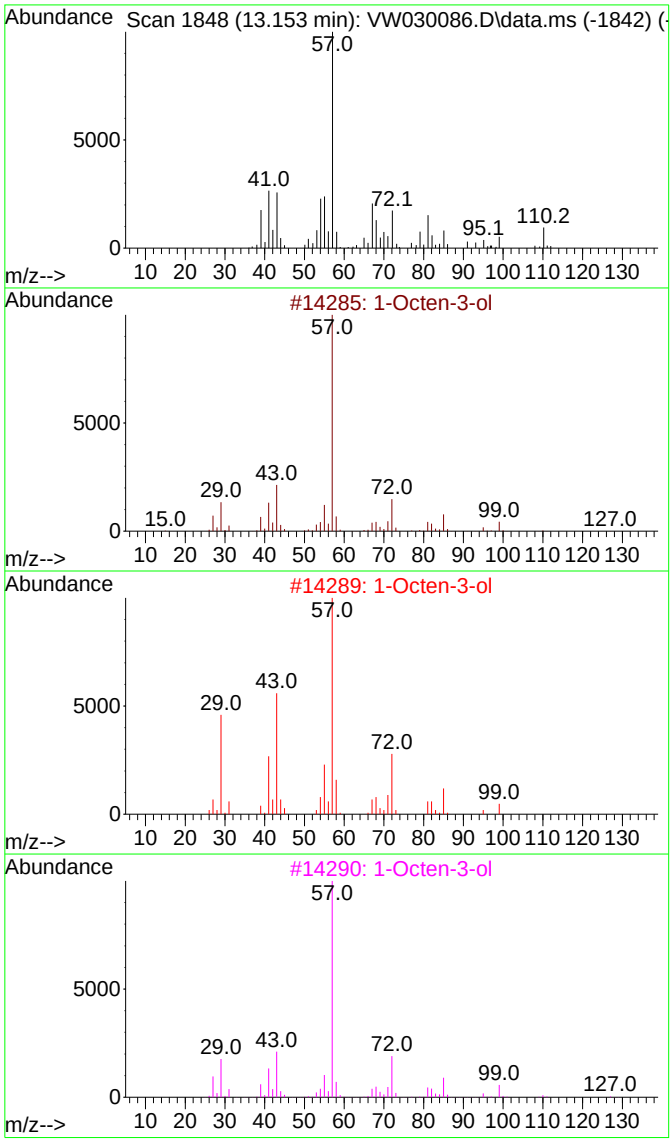
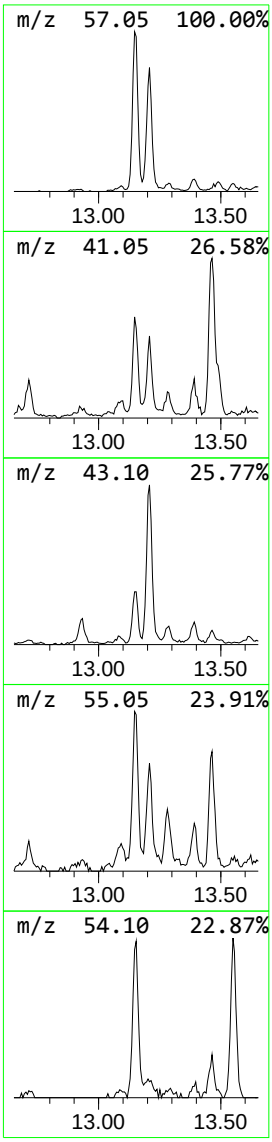
Peak Number 13 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	7.37 ug/L	68364	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol	128	C8H16O	003391-86-4	43
2	1-Octen-3-ol	128	C8H16O	003391-86-4	43
3	1-Octen-3-ol	128	C8H16O	003391-86-4	38
4	1-Hepten-3-ol	114	C7H14O	004938-52-7	38
5	1-Octen-3-ol	128	C8H16O	003391-86-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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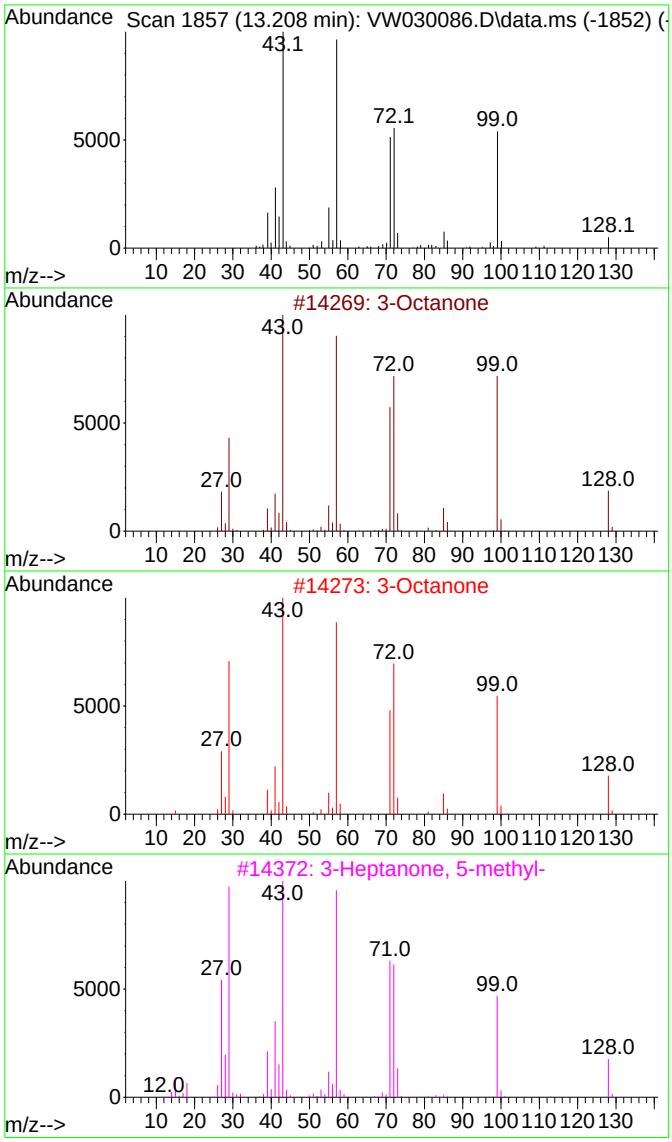
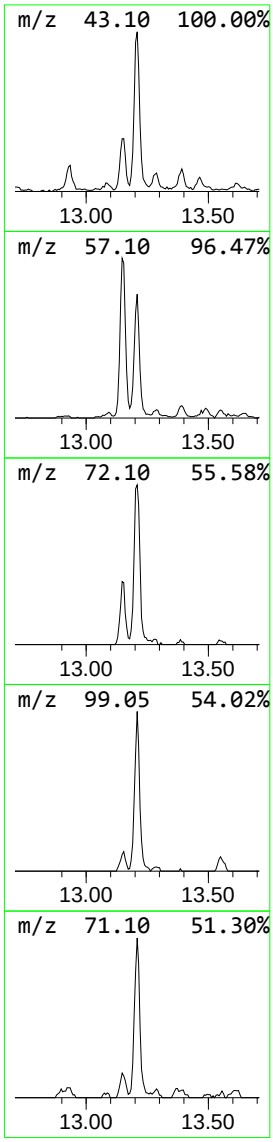
Peak Number 14 3-Octanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	6.63 ug/L	61418	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Octanone	128	C8H16O	000106-68-3	72
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
4	Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	50
5	4-Oxononanal	156	C9H16O2	1000314-10-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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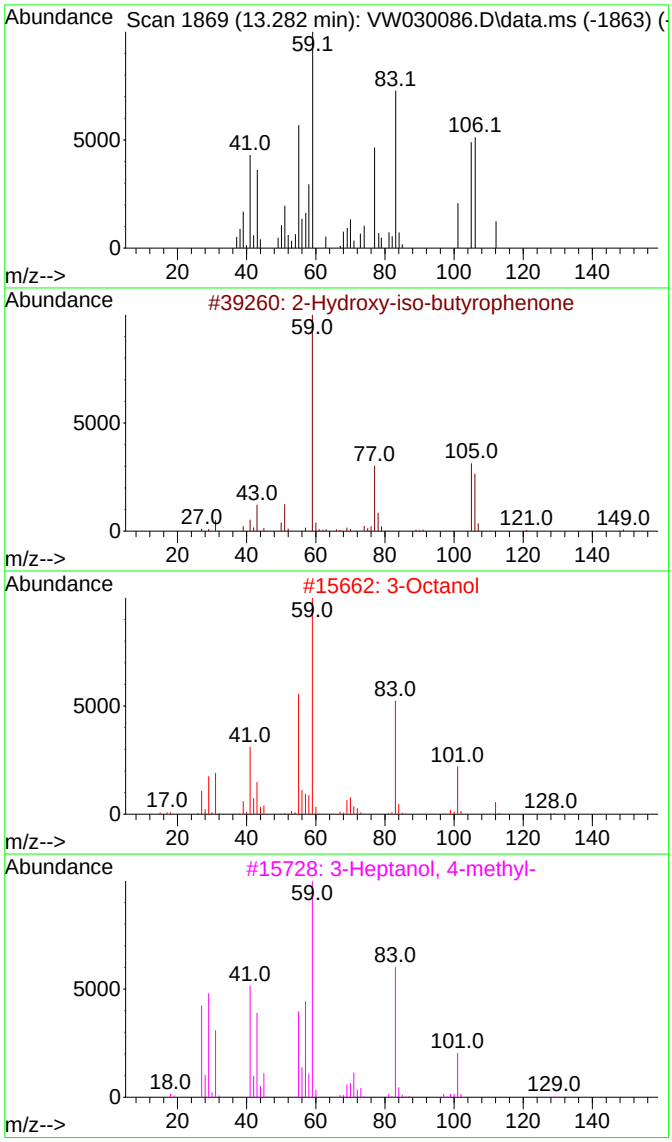
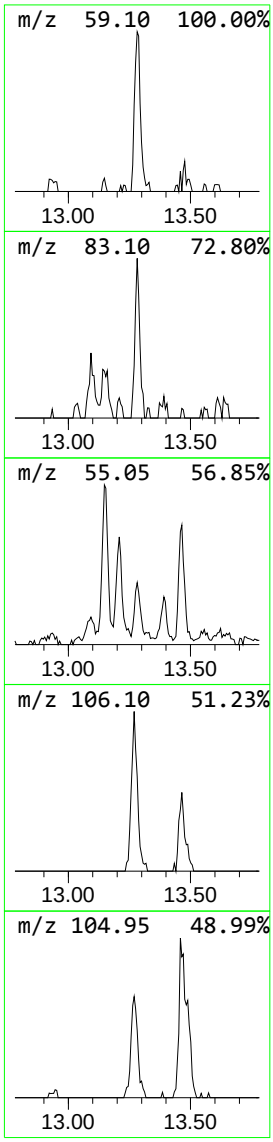
Peak Number 15 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	2.84 ug/L	26297	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
2	3-Octanol	130	C8H18O	000589-98-0	38
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	32
4	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	32
5	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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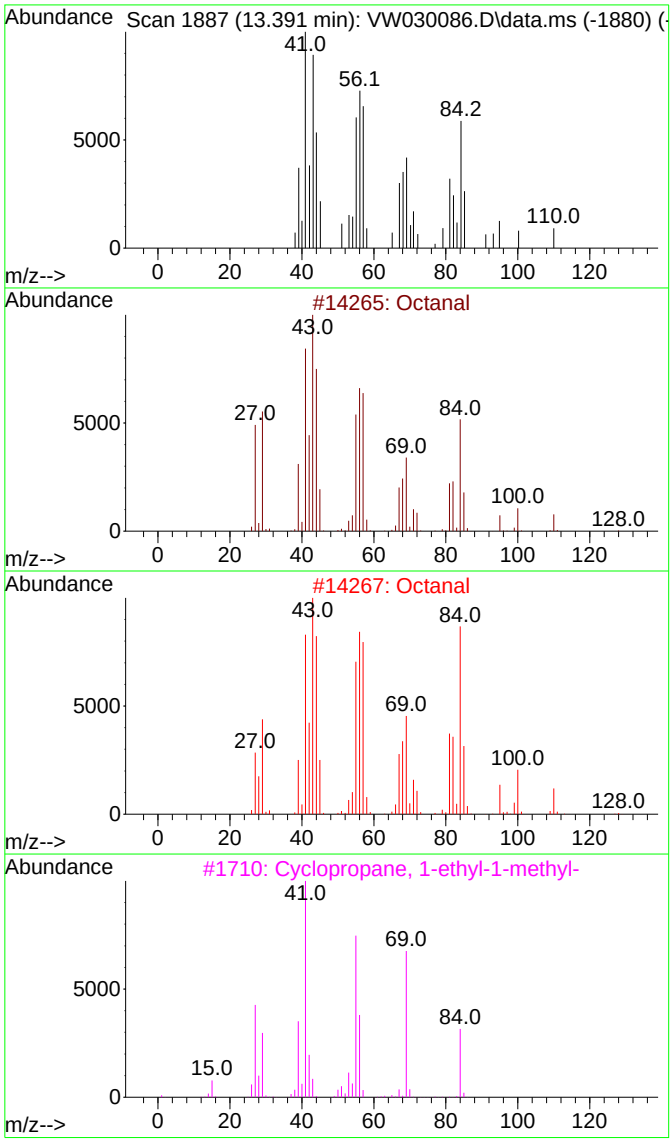
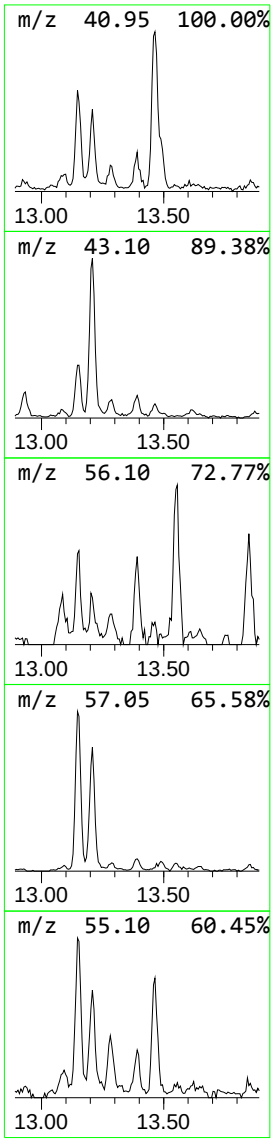
Peak Number 16 Octanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.16 ug/L	20067	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	90
2	Octanal	128	C8H16O	000124-13-0	80
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	43
4	10-Azido-1-decanethiol	215	C10H21N3S	1152113-44-4	35
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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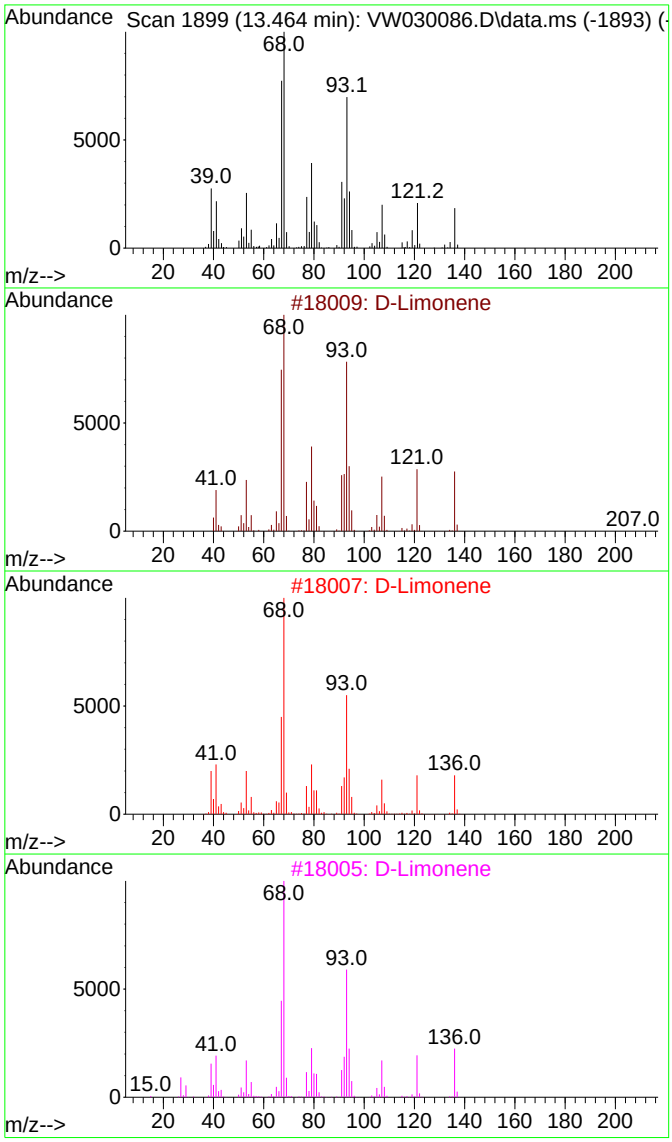
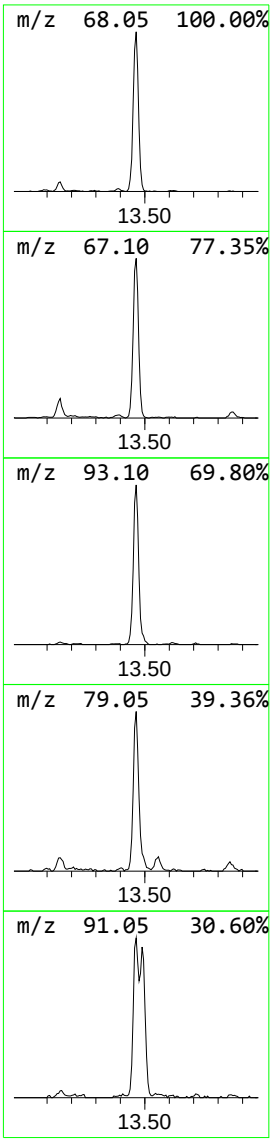
Peak Number 17 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	29.13 ug/L	270023	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	D-Limonene	136	C10H16	005989-27-5	95
3	D-Limonene	136	C10H16	005989-27-5	93
4	Limonene	136	C10H16	000138-86-3	87
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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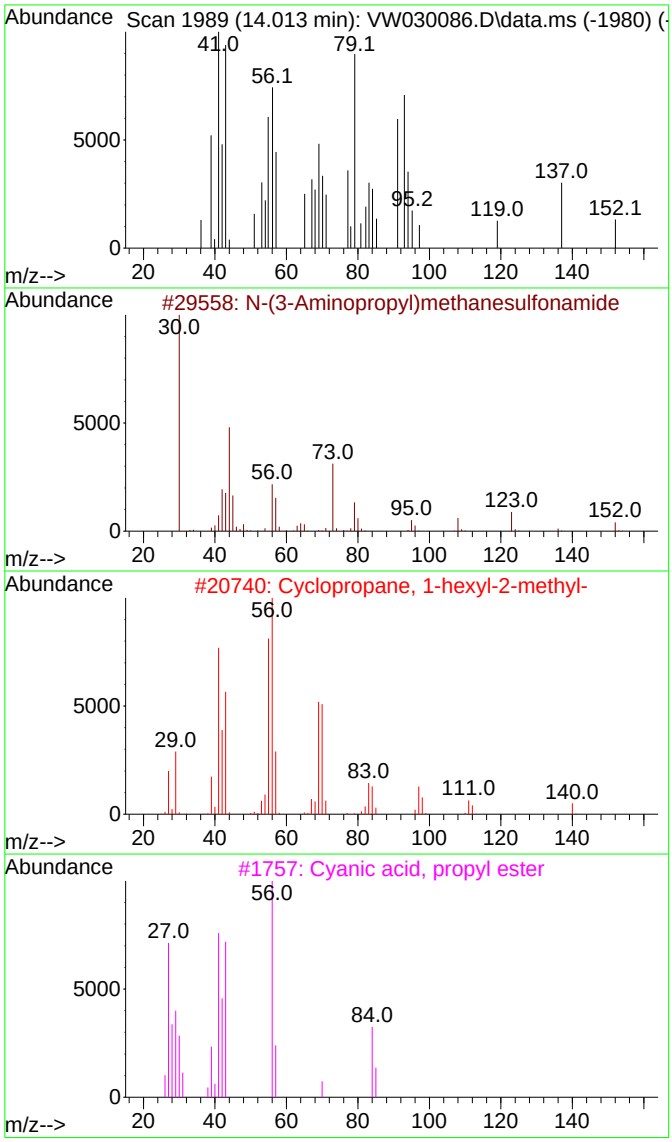
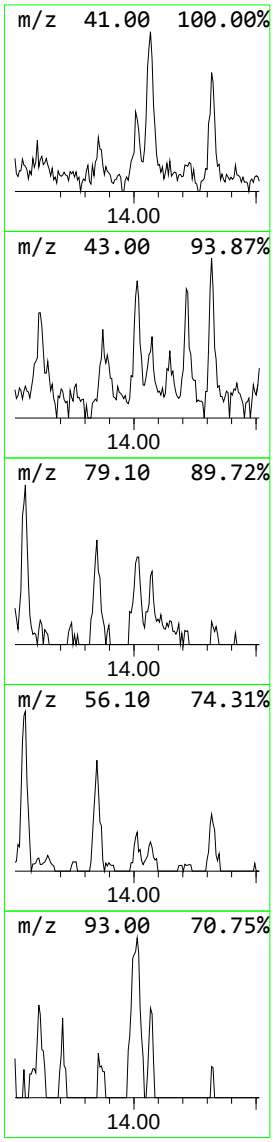
Peak Number 18 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	1.63 ug/L	15150	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Aminopropyl)methanesulfonamide	152	C4H12N2O2S	1000443-88-2	35
2	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	27
3	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	27
4	1-Hexene	84	C6H12	000592-41-6	27
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	27





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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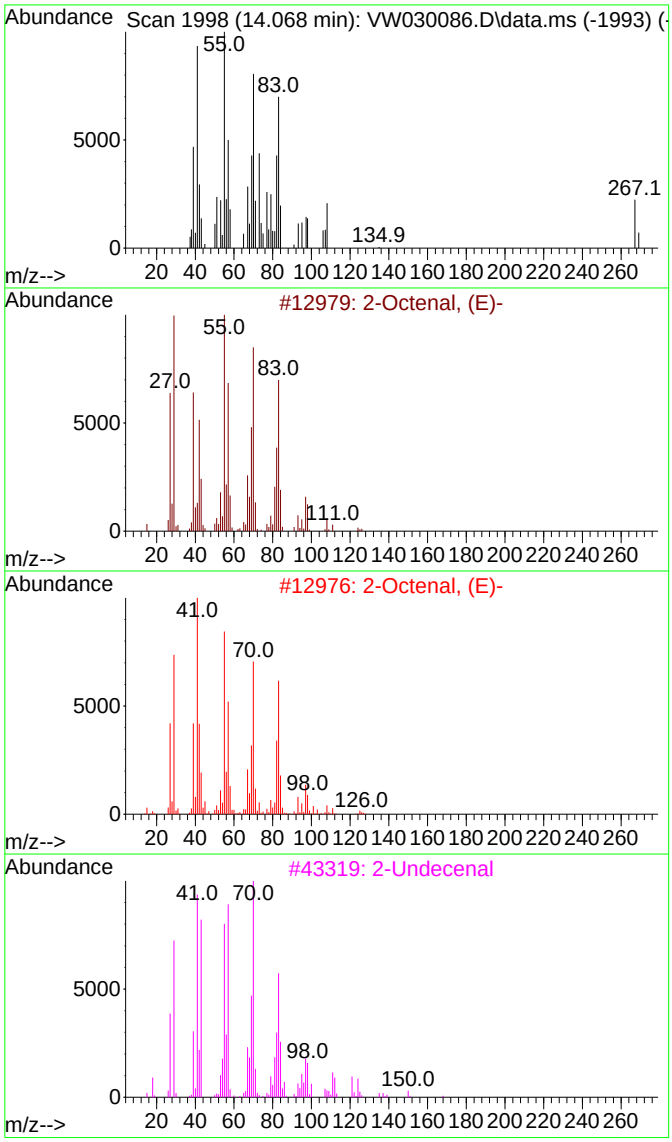
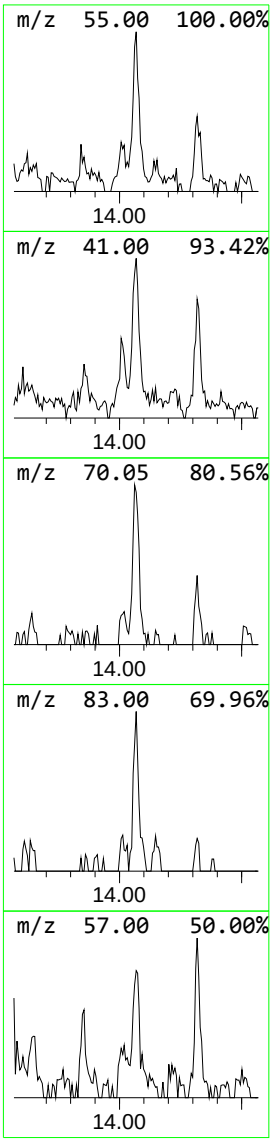
Peak Number 19 2-Octenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	2.80 ug/L	25942	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	59
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	58
3	2-Undecenal	168	C11H20O	002463-77-6	53
4	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	50
5	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	50





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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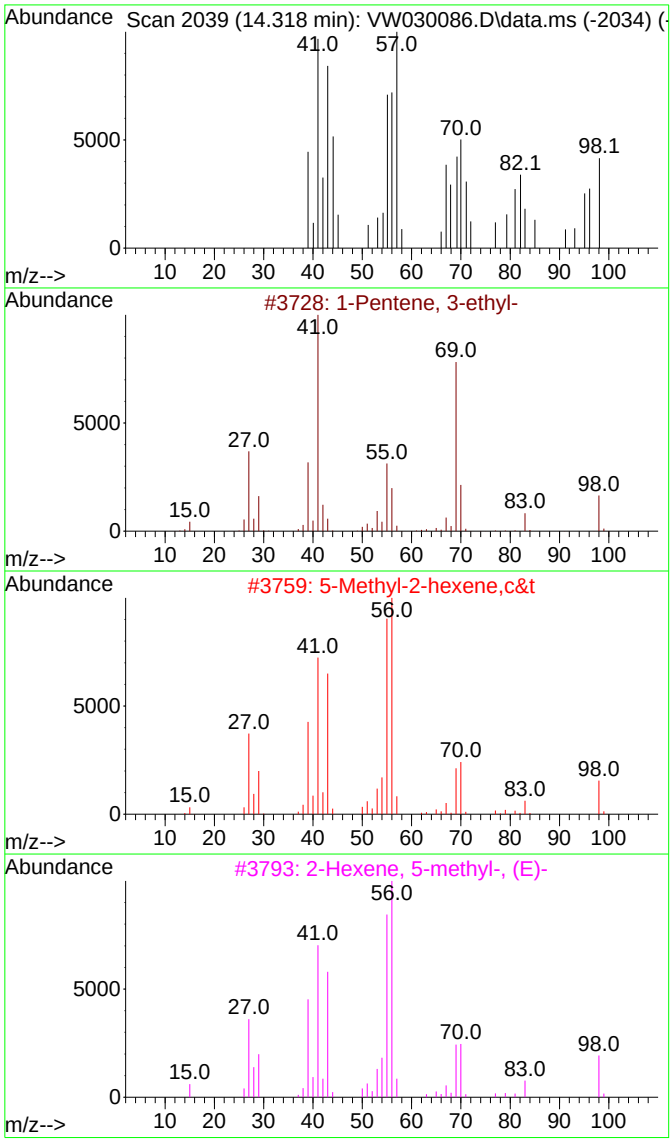
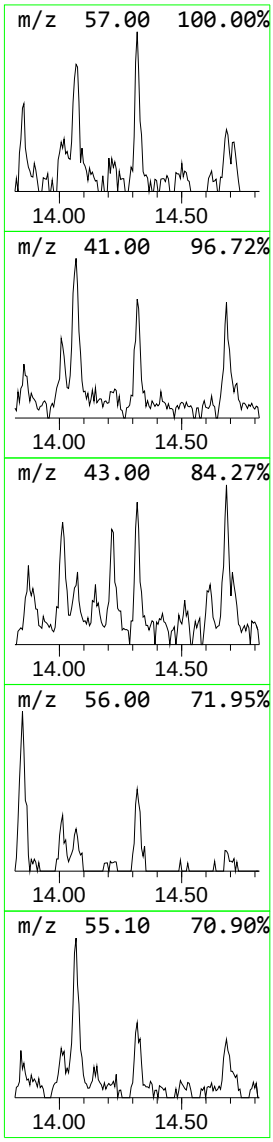
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.46 ug/L	13535	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	35
2	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	22
3	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	22
4	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	22
5	1-Nonanol	144	C9H20O	000143-08-8	22





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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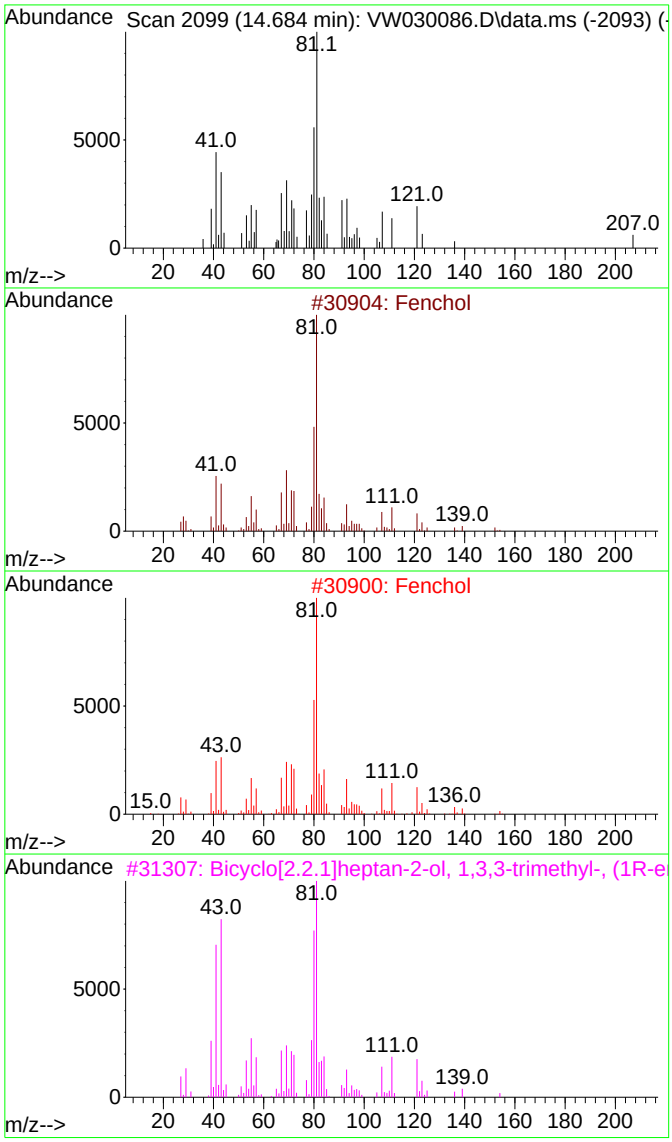
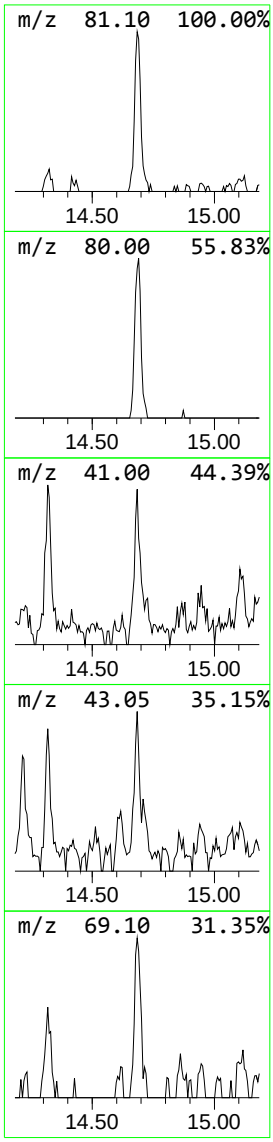
Peak Number 21 Fenchol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	2.74 ug/L	25383	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol	154	C10H18O	001632-73-1	72
2	Fenchol	154	C10H18O	001632-73-1	64
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	59
4	Fenchol	154	C10H18O	001632-73-1	58
5	Fenchol	154	C10H18O	001632-73-1	58





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Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

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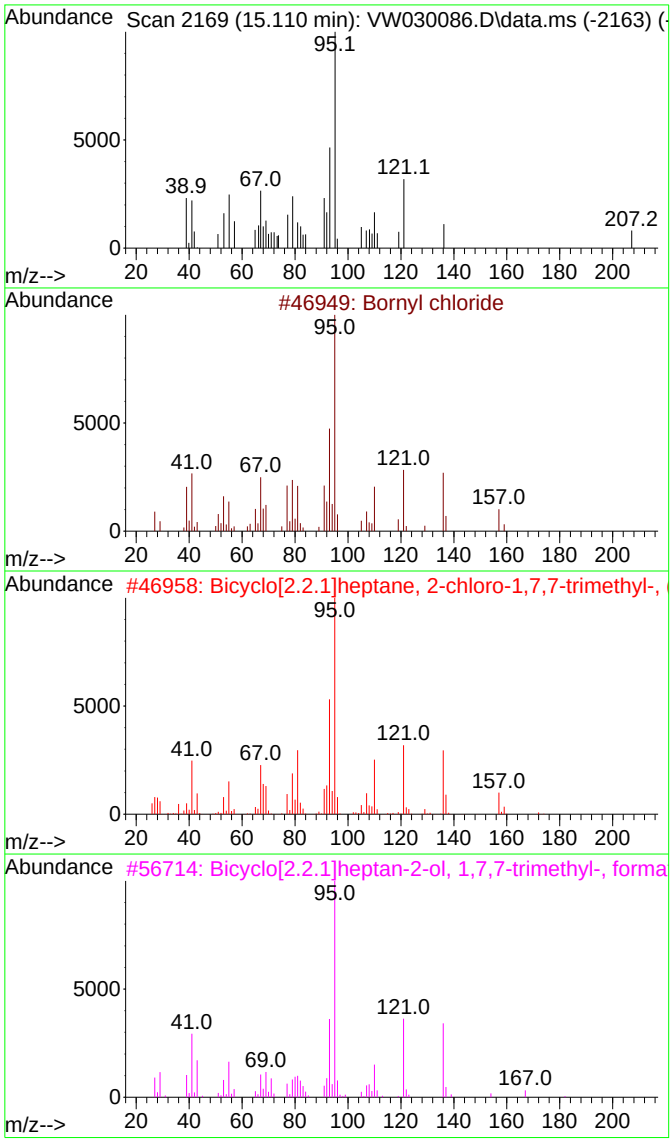
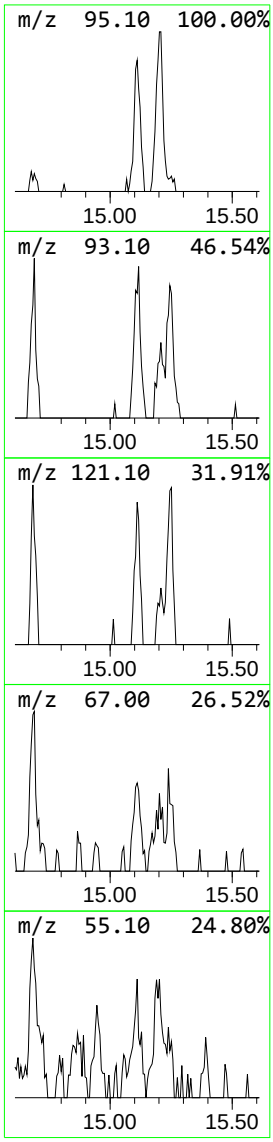
Peak Number 22 Bornyl chloride Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.111	1.33 ug/L	12364	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bornyl chloride	172	C10H17Cl	000464-41-5	78
2	Bicyclo[2.2.1]heptane, 2-chloro-...	172	C10H17Cl	030462-53-4	72
3	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	53
4	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	40
5	Santolina epoxide	152	C10H16O	060485-45-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

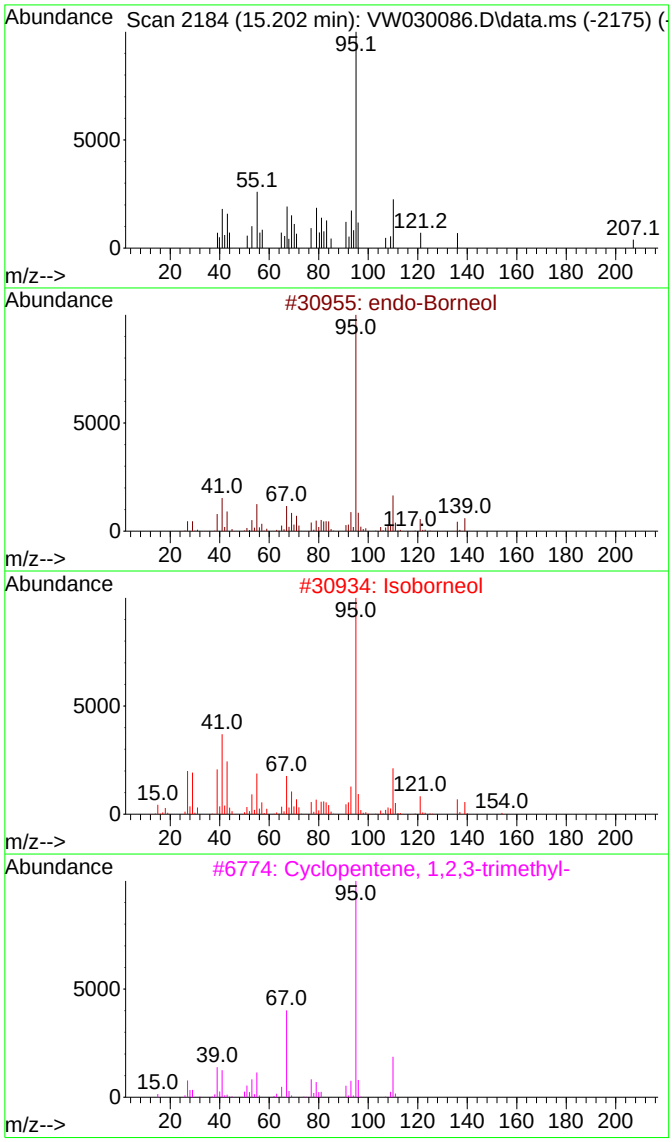
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

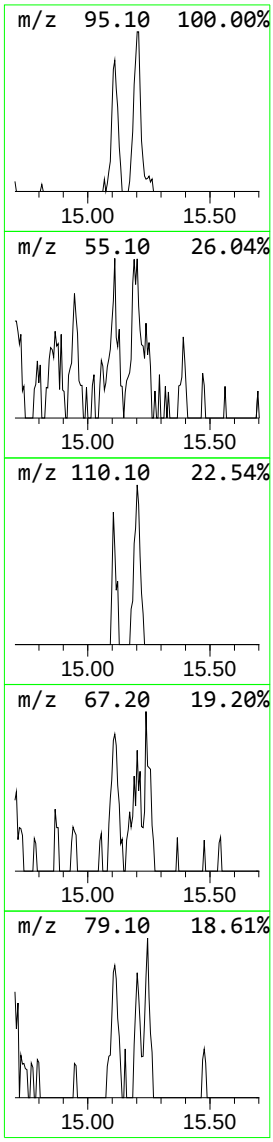
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 endo-Borneol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	1.31 ug/L	12181	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	78
2	Isoborneol	154	C10H18O	000124-76-5	72
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	64
4	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	64
5	endo-Borneol	154	C10H18O	000507-70-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030086.D
Acq On : 28 Aug 2024 19:09
Operator : SY/MD
Sample : P3675-15RE
Misc : 4.95g/10mL/MSVOA_W/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.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
(DEL) Alkane: S...	3.393	1.9	ug/L	36080	1	8.843	474066	25.0
Butanal	6.899	4.2	ug/L	80488	1	8.843	474066	25.0
2-Butanone, 3-m...	8.703	3.0	ug/L	56672	1	8.843	474066	25.0
1-Butanol	9.026	1.4	ug/L	26677	1	8.843	474066	25.0
Pentanal	9.404	2.6	ug/L	49934	1	8.843	474066	25.0
Hexanal	11.069	15.8	ug/L	270709	2	11.629	428291	25.0
Furfural	11.837	2.6	ug/L	45444	2	11.629	428291	25.0
1-Hexanol	12.014	3.8	ug/L	65311	2	11.629	428291	25.0
2-Heptanone	12.233	1.6	ug/L	27810	2	11.629	428291	25.0
Heptanal	12.337	2.0	ug/L	34878	2	11.629	428291	25.0
.alpha.-Pinene	12.465	2.0	ug/L	33713	2	11.629	428291	25.0
unknown-01	13.153	7.4	ug/L	68364	3	13.556	231762	25.0
3-Octanone	13.208	6.6	ug/L	61418	3	13.556	231762	25.0
unknown-02	13.281	2.8	ug/L	26297	3	13.556	231762	25.0
Octanal	13.391	2.2	ug/L	20067	3	13.556	231762	25.0
D-Limonene	13.464	29.1	ug/L	270023	3	13.556	231762	25.0
unknown-03	14.013	1.6	ug/L	15150	3	13.556	231762	25.0
2-Octenal, (E)-	14.068	2.8	ug/L	25942	3	13.556	231762	25.0
(DEL) Alkane: S...	14.318	1.5	ug/L	13535	3	13.556	231762	25.0
Fenchol	14.684	2.7	ug/L	25383	3	13.556	231762	25.0
Bornyl chloride	15.111	1.3	ug/L	12364	3	13.556	231762	25.0
endo-Borneol	15.202	1.3	ug/L	12181	3	13.556	231762	25.0