LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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: VW030044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	41	47	50	rBV2	876	1938	0.19%	0.018%
2	2.222	54	55	59	rVB3	602	463	0.05%	0.004%
3	2.363	69	78	96	rBV	52552	152734	15.13%	1.426%
4	2.899	158	166	183	rVB2	38499	115880	11.48%	1.082%
5	3.131	202	204	206	rVB2	664	438	0.04%	0.004%
6	3.302	228	232	237	rVB6	839	1687	0.17%	0.016%
7	3.387	239	246	258	rBV	8252	20177	2.00%	0.188%
8	3.649	285	289	291	rBV2	282	432	0.04%	0.004%
9	3.734	296	303	310	rVV4	2077	5700	0.56%	0.053%
10	3.862	322	324	328	rVB2	474	409	0.04%	0.004%
11	4.021	339	350	362	rBV	97172	337224	33.41%	3.150%
12	4.143	362	370	388	rVB	101930	342471	33.93%	3.199%
13	4.484	424	426	430	rVB4	481	406	0.04%	0.004%
14	4.685	449	459	473	rBV	5296	17287	1.71%	0.161%
15	4.923	489	498	513	rVV3	4985	19563	1.94%	0.183%
16	5.789	631	640	648	rBV4	1348	4182	0.41%	0.039%
17	5.947	657	666	673	rBV4	2010	5423	0.54%	0.051%
18	6.130	687	696	703	rBV3	688	2180	0.22%	0.020%
19	6.905	814	823	837	rBV2	7236	23747	2.35%	0.222%
20	7.087	845	853	870	rBV	24720	81904	8.12%	0.765%
21	7.551	925	929	933	rBV4	236	461	0.05%	0.004%
22	7.648	935	945	959	rBV	172448	414009	41.02%	3.867%
23	7.801	961	970	980	rVB7	1334	4528	0.45%	0.042%
24	8.276	1038	1048	1067	rBV2	344552	1009204	100.00%	9.426%
25	8.404	1067	1069	1075	rVB3	461	765	0.08%	0.007%
26	8.551	1082	1093	1098	rBV6	2236	7256	0.72%	0.068%
27	8.599	1098	1101	1109	rVB5	1515	2970	0.29%	0.028%
28	8.703	1109	1118	1128	rBV2	16140	36731	3.64%	0.343%
29	8.843	1131	1141	1156	rBV	415096	829392	82.18%	7.746%
30	9.069	1171	1178	1180	rBV5	971	1784	0.18%	0.017%
31	9.270	1202	1211	1221	rBV	226734	468932	46.47%	4.380%
32	9.404	1227	1233	1244	rBV	50612	97098	9.62%	0.907%
33	9.550	1250	1257	1266	rVB5	1010	2485	0.25%	0.023%
34	10.032	1324	1336	1348	rBV	119505	220036	21.80%	2.055%
35	10.160	1350	1357	1363	rVB4	1742	3982	0.39%	0.037%
36	10.209	1363	1365	1371	rVB2	410	651	0.06%	0.006%

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Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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	10.319	1371	1383	1390	rBV	464107	852546	84.48%	7.962%
38	10.386	1390	1394	1399	rVB2	15191	26419	2.62%	0.247%
39	10.501	1407	1413	1418	rBV6	1935	3505	0.35%	0.033%
40	10.575	1418	1425	1435	rBV	74339	128011	12.68%	1.196%
41	10.703	1439	1446	1450	rBV2	8167	14261	1.41%	0.133%
42	10.745	1450	1453	1460	rVB3	3981	7036	0.70%	0.066%
43	10.922	1475	1482	1495	rBV	113933	196578	19.48%	1.836%
44	11.068	1496	1506	1517	rBV	279533	449889	44.58%	4.202%
45	11.209	1525	1529	1534	rVB5	1641	3054	0.30%	0.029%
46	11.568	1583	1588	1591	rBV3	952	1699	0.17%	0.016%
47	11.629	1591	1598	1610	rVB	534845	879618	87.16%	8.215%
48	11.739	1612	1616	1621	rVB5	1203	2453	0.24%	0.023%
49	11.837	1621	1632	1646	rBV	158236	313887	31.10%	2.932%
50	11.946	1646	1650	1656	rVB7	2704	4577	0.45%	0.043%
51	12.013	1656	1661	1671	rBV	21696	37116	3.68%	0.347%
52	12.093	1671	1674	1675	rBV3	534	566	0.06%	0.005%
53	12.154	1682	1684	1687	rBV3	361	424	0.04%	0.004%
54	12.233	1693	1697	1705	rVB2	4279	7216	0.72%	0.067%
55	12.337	1707	1714	1716	rBV	16353	26322	2.61%	0.246%
56	12.465	1728	1735	1741	rBV	241212	408551	40.48%	3.816%
57	12.599	1751	1757	1763	rVB2	9646	16160	1.60%	0.151%
58	12.690	1763	1772	1785	rBV2	166668	451814	44.77%	4.220%
59	12.812	1789	1792	1798	rVB7	874	1517	0.15%	0.014%
60	12.897	1801	1806	1808	rBV5	1566	2848	0.28%	0.027%
61	12.952	1809	1815	1822	rVB4	8393	17068	1.69%	0.159%
62	13.032	1822	1828	1832	rBV5	4517	9132	0.90%	0.085%
63	13.092	1832	1838	1842	rVV4	6214	11724	1.16%	0.109%
64	13.153	1842	1848	1853	rVV	88205	142668	14.14%	1.332%
65	13.208	1853	1857	1862	rVV	35547	63763	6.32%	0.596%
66	13.269	1863	1867	1875	rVV3	33320	67080	6.65%	0.627%
67	13.391	1878	1887	1893	rVV6	29612	77628	7.69%	0.725%
68	13.464	1893	1899	1901	rVV	191132	298987	29.63%	2.792%
69	13.489	1901	1903	1908	rVV	196542	276459	27.39%	2.582%
70	13.556	1908	1914	1919	rVV	421113	683324	67.71%	6.382%
71	13.617	1919	1924	1933	rVV	40164	76674	7.60%	0.716%
72	13.708	1936	1939	1943	rVV3	2689	3532	0.35%	0.033%
73	13.757	1943	1947	1950	rVV5	1041	1393	0.14%	0.013%
74	13.848	1954	1962	1976	rBV	275921	461915	45.77%	4.314%
75	13.995	1980	1986	1992	rBV4	25701	49632	4.92%	0.464%
76	14.068	1993	1998	2006	rVV2	19477	36301	3.60%	0.339%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCYD5

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

77	14.147	2006	2011	2017	rVV2	9295	14522	1.44%	0.136%
78	14.214	2020	2022	2028	rVB5	886	1294	0.13%	0.012%
79	14.318	2033	2039	2046	rBV2	15478	26965	2.67%	0.252%
80	14.434	2053	2058	2065	rBV7	1879	3800	0.38%	0.035%
81	14.489	2065	2067	2069	rBV2	372	472	0.05%	0.004%
82	14.513	2069	2071	2074	rVV4	619	722	0.07%	0.007%
83	14.617	2083	2088	2093	rBV6	1295	2416	0.24%	0.023%
84	14.684	2093	2099	2113	rBV	50494	95747	9.49%	0.894%
85	14.860	2123	2128	2132	rBV7	1970	3614	0.36%	0.034%
86	14.952	2138	2143	2147	rVB4	4123	7399	0.73%	0.069%
87	15.019	2147	2154	2158	rBV6	3432	6180	0.61%	0.058%
88	15.062	2158	2161	2163	rVV3	1792	2694	0.27%	0.025%
89	15.110	2164	2169	2175	rVV2	20193	38312	3.80%	0.358%
90	15.202	2176	2184	2187	rVV	14612	30084	2.98%	0.281%
91	15.245	2187	2191	2195	rVV2	24165	41896	4.15%	0.391%
92	15.293	2195	2199	2206	rVB2	11975	21413	2.12%	0.200%
93	15.342	2206	2207	2210	rBV2	869	831	0.08%	0.008%
94	15.409	2215	2218	2224	rVB8	1587	2555	0.25%	0.024%
95	15.799	2279	2282	2283	rVV4	951	1202	0.12%	0.011%
96	15.842	2284	2289	2297	rVV2	10775	21401	2.12%	0.200%
97	15.958	2301	2308	2314	rVV4	10197	21281	2.11%	0.199%
98	16.031	2314	2320	2325	rVB2	6454	12293	1.22%	0.115%
99	16.330	2367	2369	2371	rBV3	449	450	0.04%	0.004%
100	16.506	2394	2398	2403	rBV6	823	1620	0.16%	0.015%

Sum of corrected areas: 10707039

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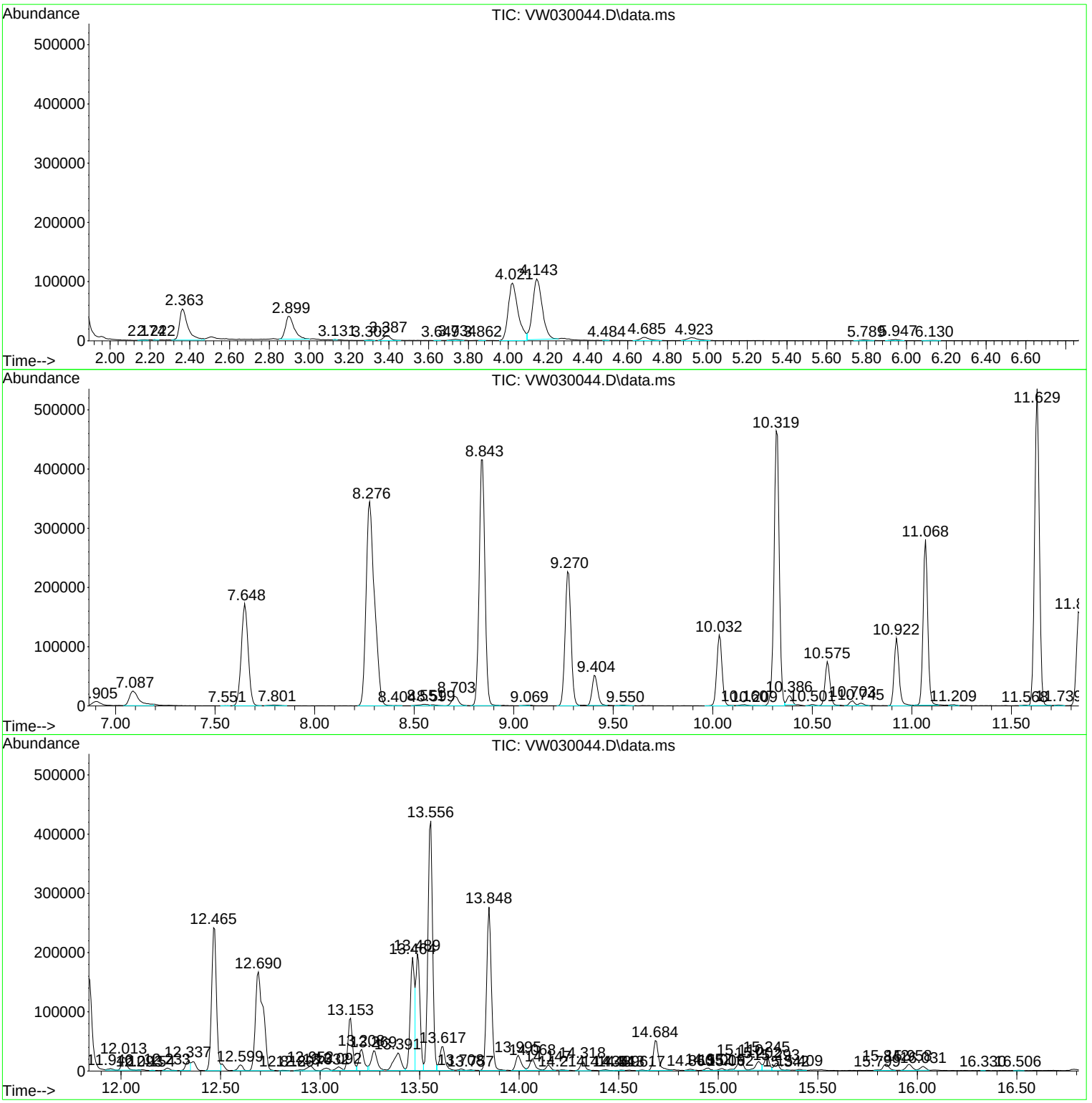
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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\VW082724\
Data File : VW030044.D
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Sample : P3722-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

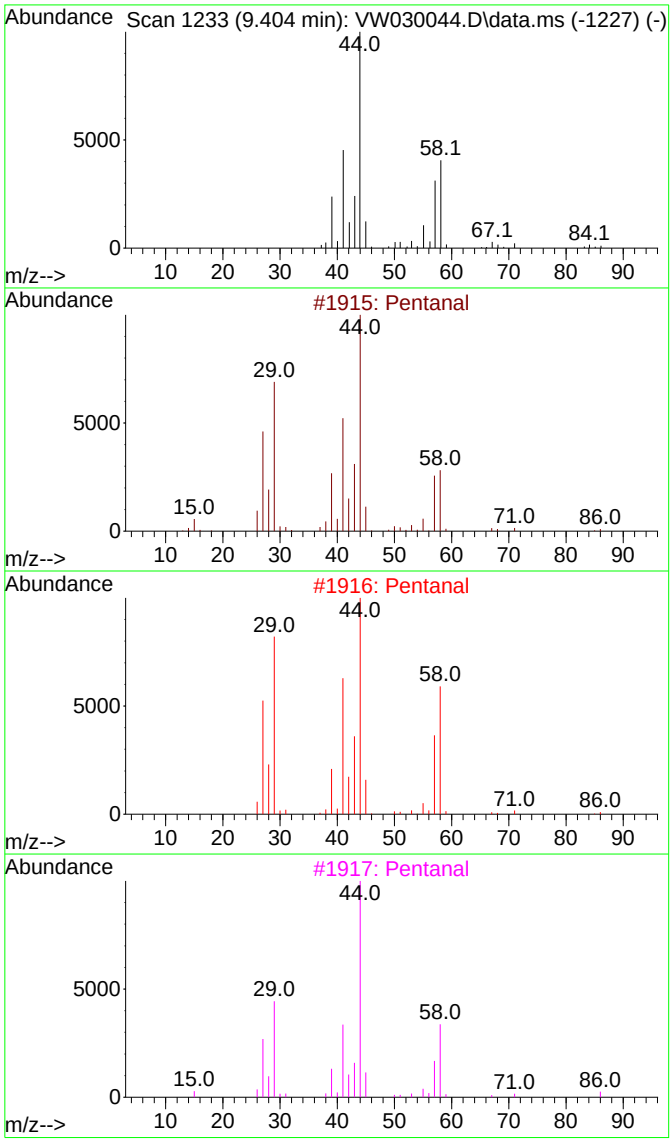
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

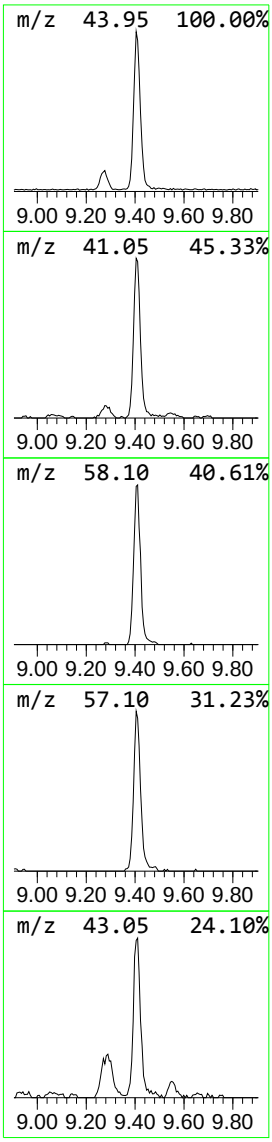
****

Peak Number 1 Pentanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	2.93 ug/L	97098	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Pentanal	86	C5H10O	000110-62-3	90
3	Pentanal	86	C5H10O	000110-62-3	83
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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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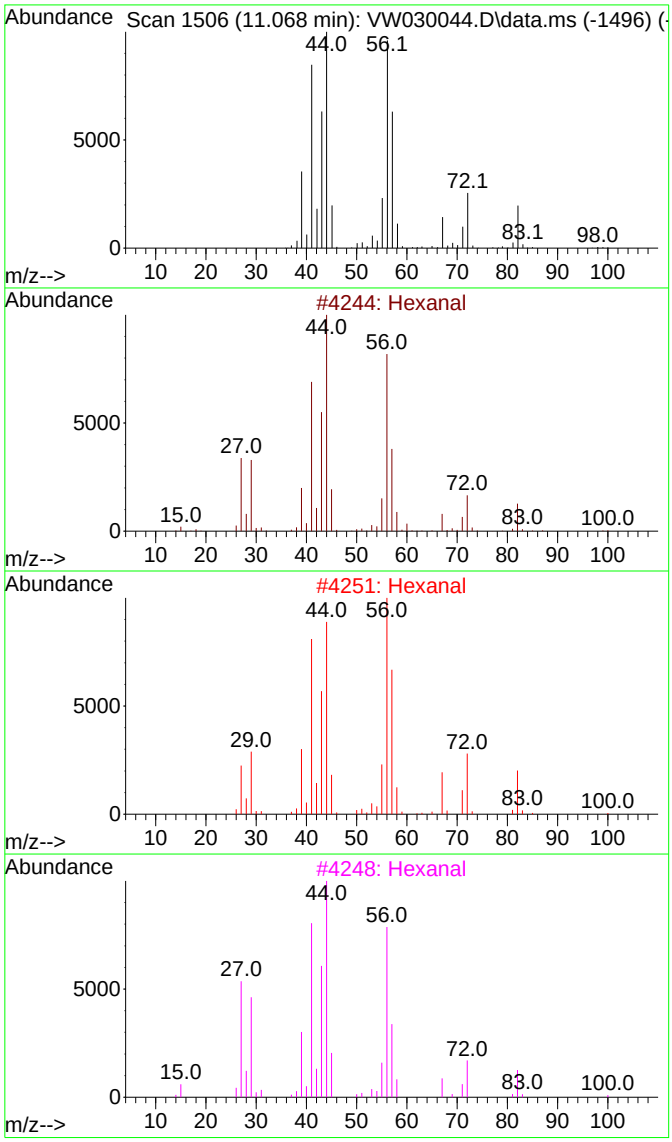
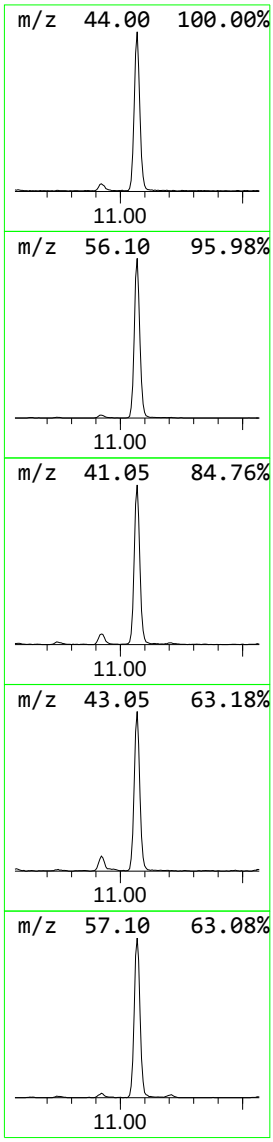
Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	12.79 ug/L	449889	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	93
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	86





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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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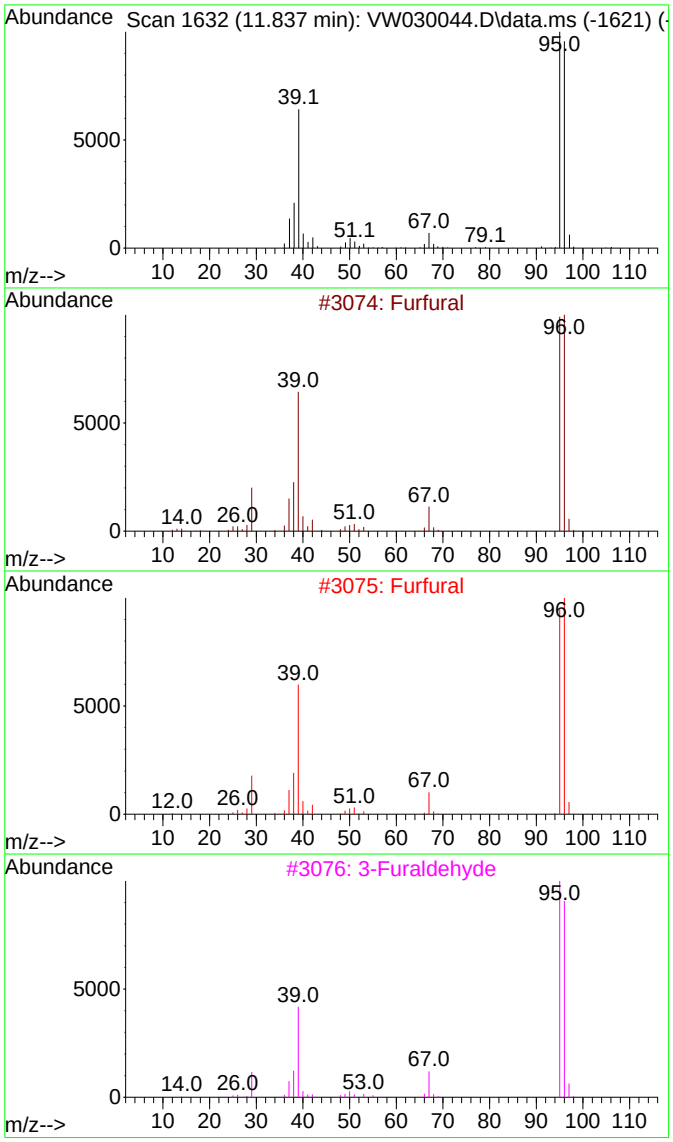
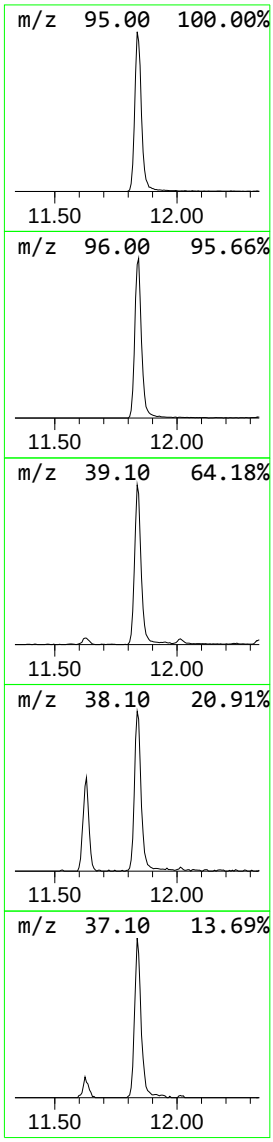
Peak Number 4 Furfural Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	8.92 ug/L	313887	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	96
2	Furfural	96	C5H4O2	000098-01-1	94
3	3-Furaldehyde	96	C5H4O2	000498-60-2	91
4	Furfural	96	C5H4O2	000098-01-1	76
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	64





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

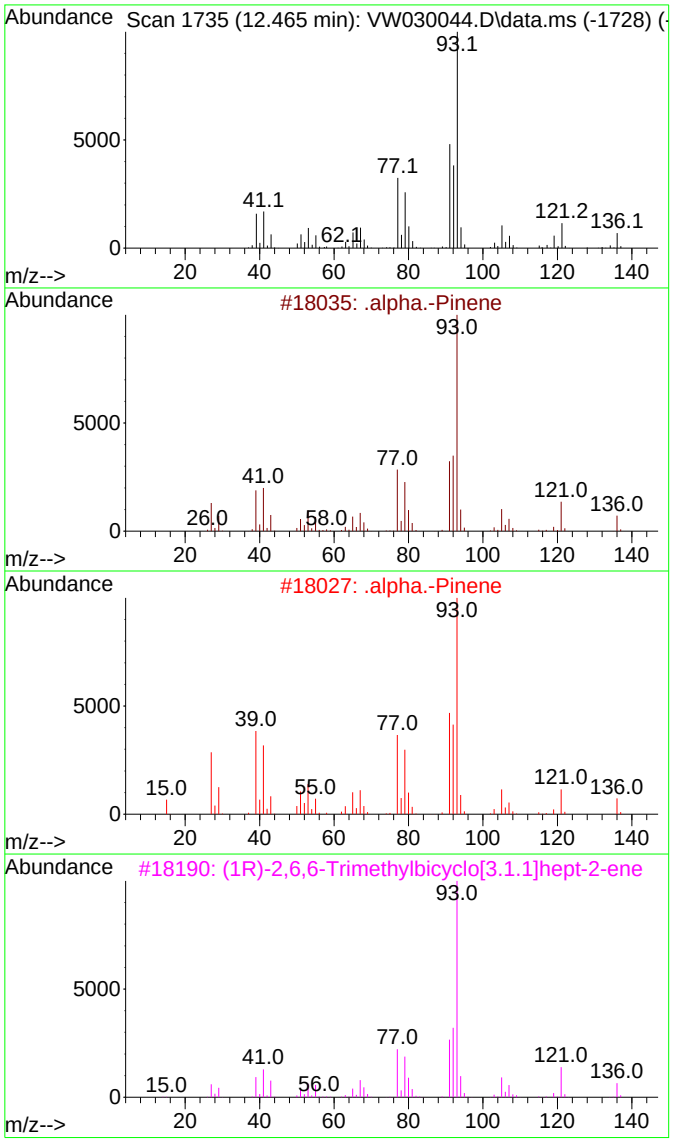
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

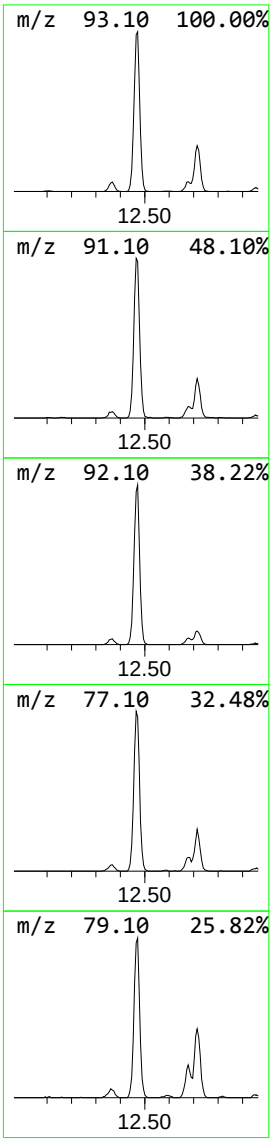
****

Peak Number 5 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	11.61 ug/L	408551	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

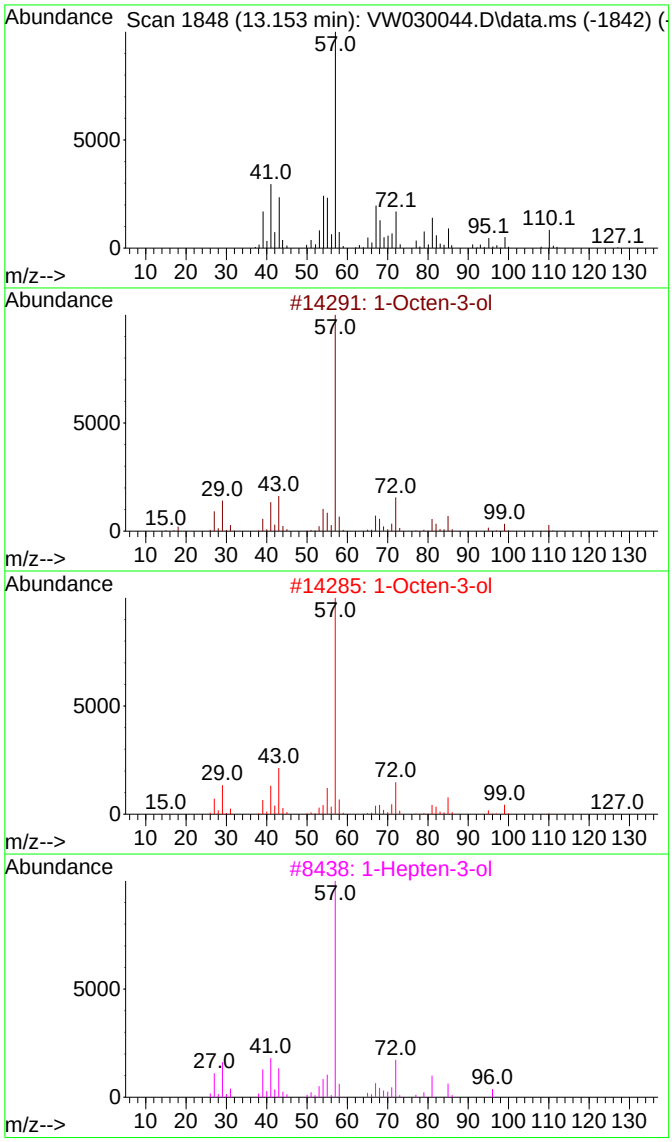
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

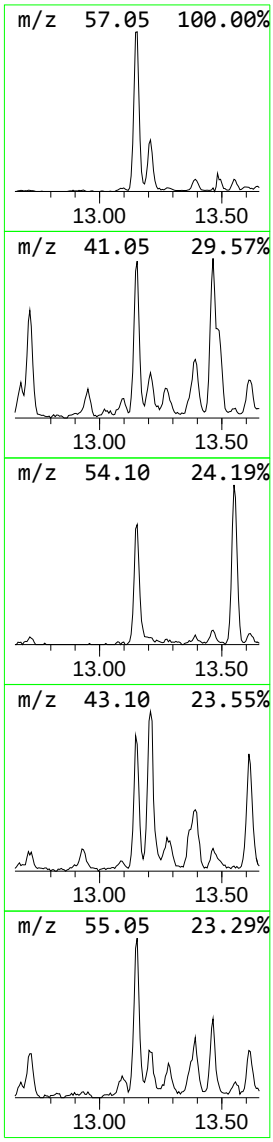
****

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	5.22 ug/L	142668	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	47
2	1-Octen-3-ol	128	C8H16O	003391-86-4	43
3	1-Hepten-3-ol	114	C7H14O	004938-52-7	43
4	1-Octen-3-ol	128	C8H16O	003391-86-4	43
5	1-Octen-3-ol	128	C8H16O	003391-86-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

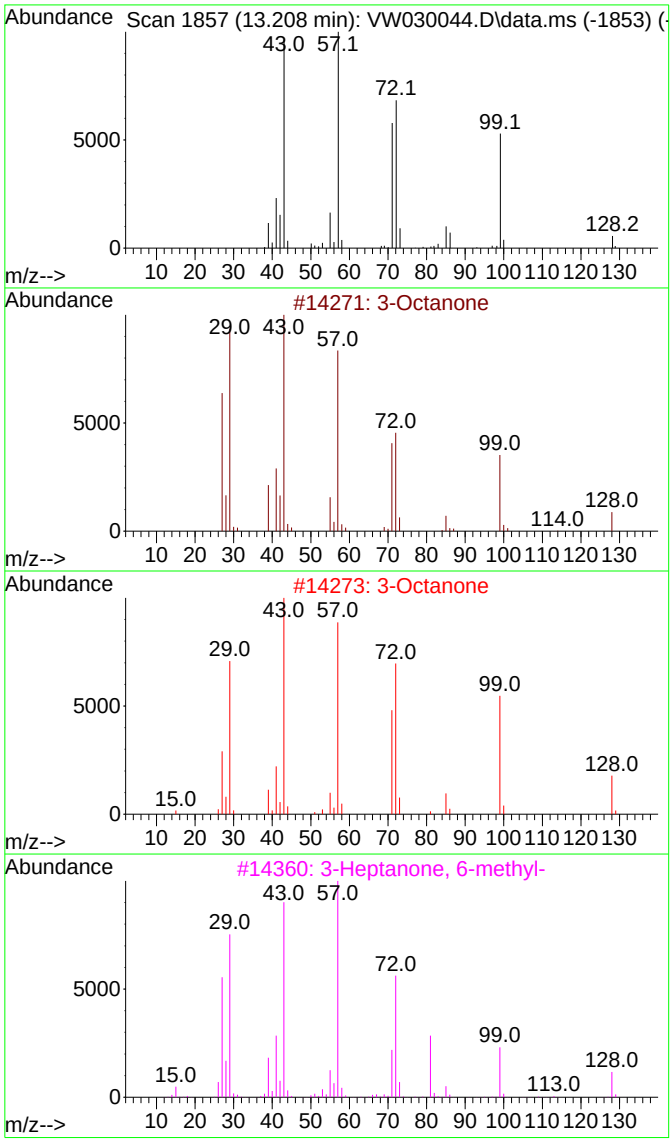
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

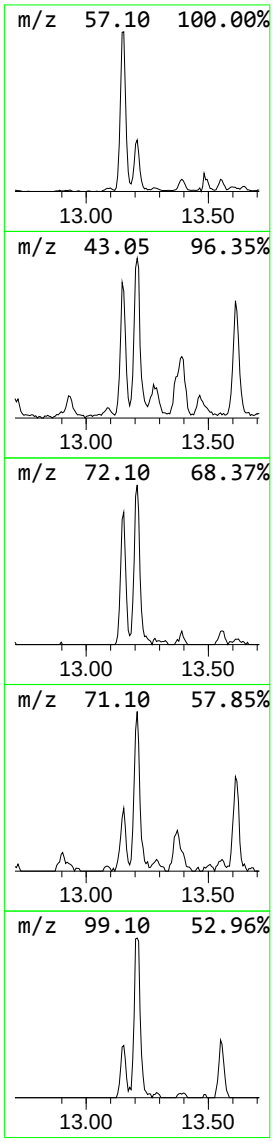
****

Peak Number 7 3-Octanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	2.33 ug/L	63763	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	83
2	3-Octanone	128	C8H16O	000106-68-3	64
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	58
4	3-Octanone	128	C8H16O	000106-68-3	56
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	56





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Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

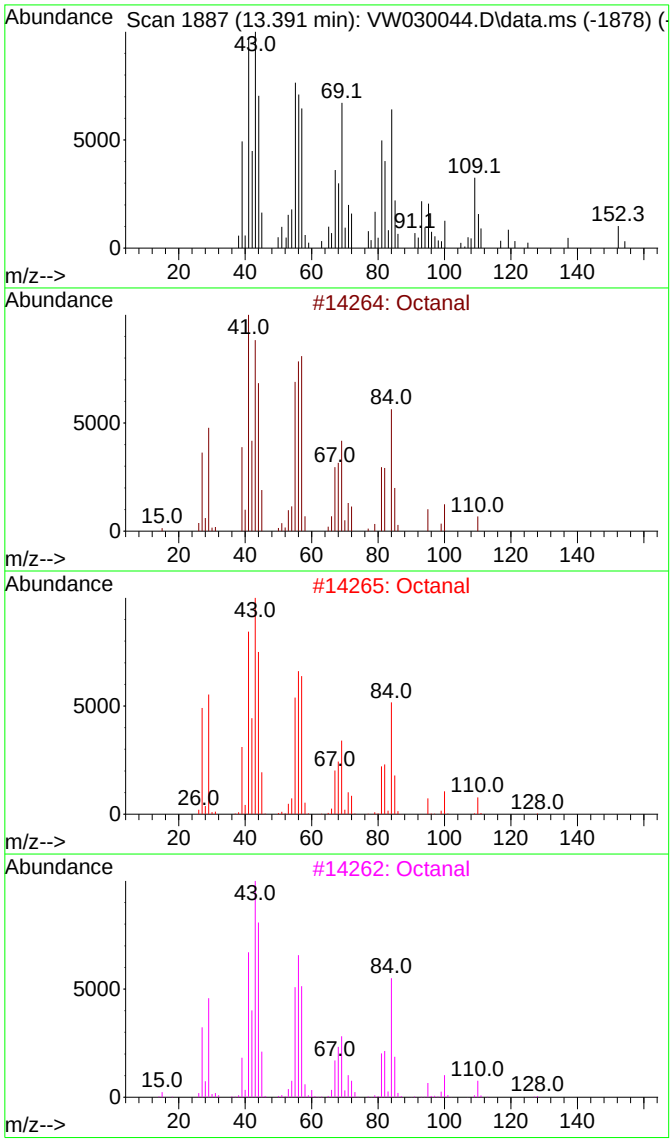
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

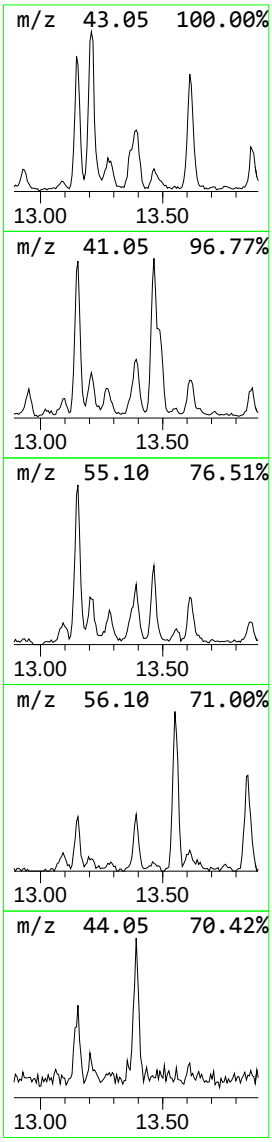
****

Peak Number 9 Octanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.84 ug/L	77628	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	58
2	Octanal	128	C8H16O	000124-13-0	58
3	Octanal	128	C8H16O	000124-13-0	50
4	Octanal	128	C8H16O	000124-13-0	50
5	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

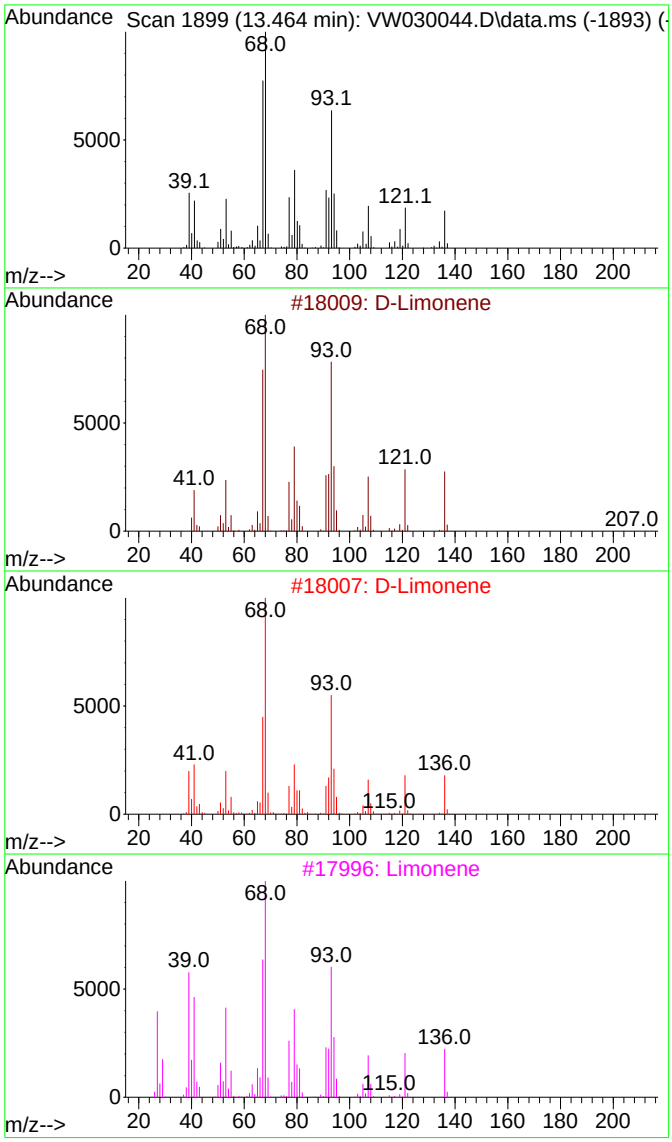
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

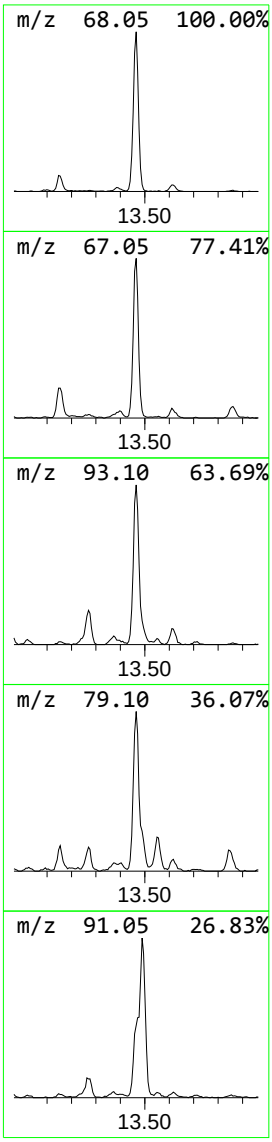
****

Peak Number 10 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	10.94 ug/L	298987	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	95
3	Limonene	136	C10H16	000138-86-3	87
4	Limonene	136	C10H16	000138-86-3	87
5	Limonene	136	C10H16	000138-86-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

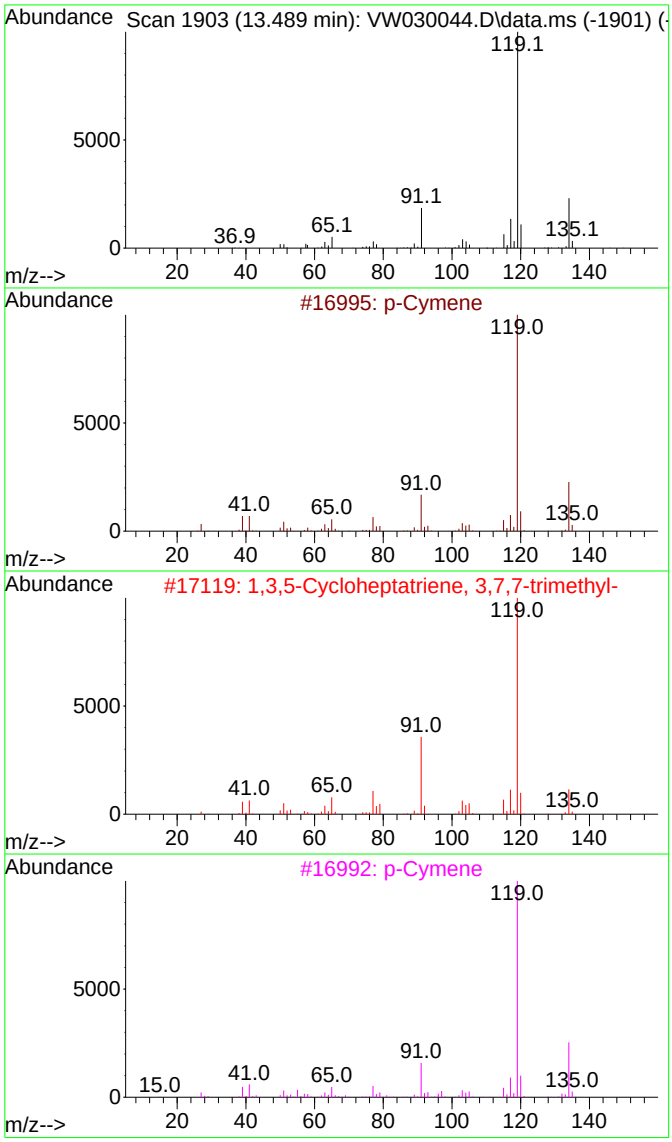
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

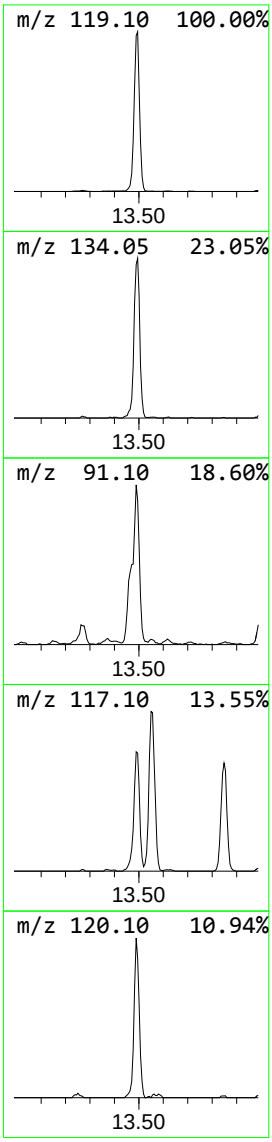
****

Peak Number 11 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	10.11 ug/L	276459	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

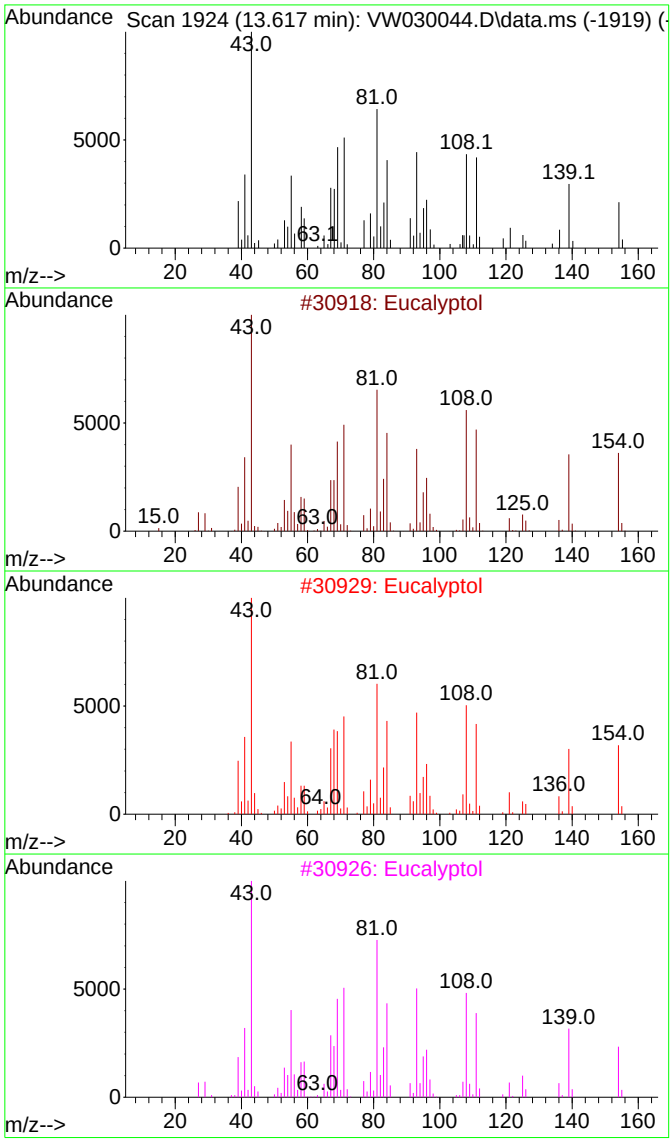
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

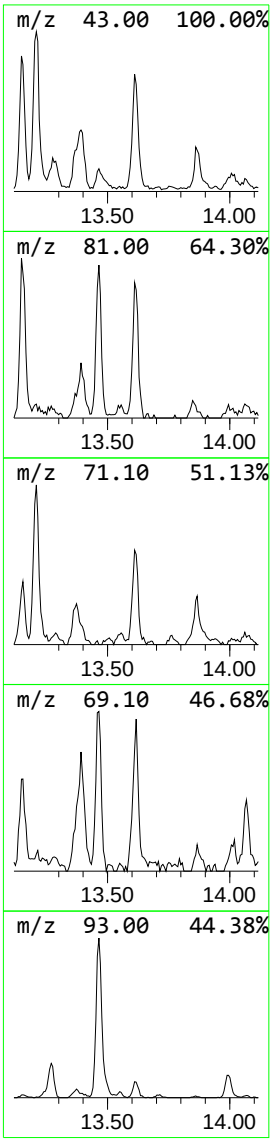
****

Peak Number 12 Eucalyptol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	2.81 ug/L	76674	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	95
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	76
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

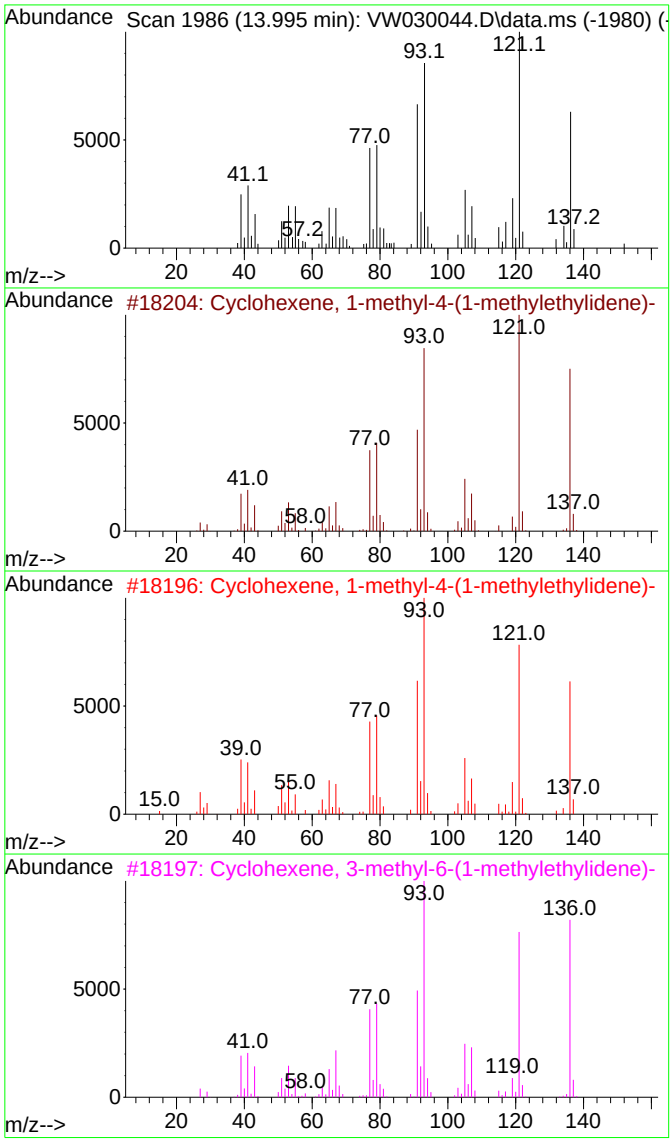
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

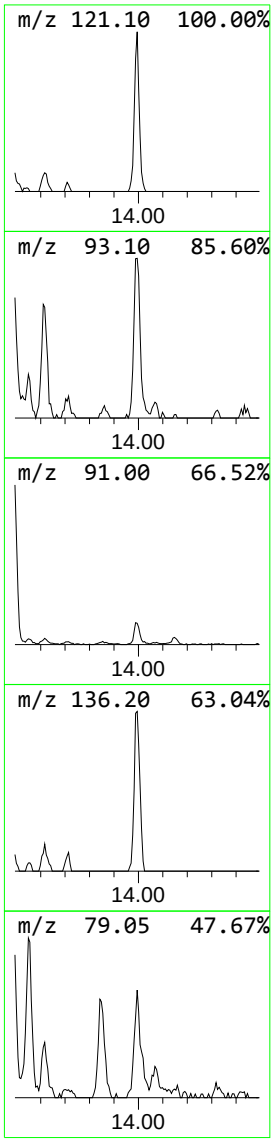
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.995	1.82 ug/L	49632	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	97
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	95
4	2-Carene	136	C10H16	000554-61-0	93
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

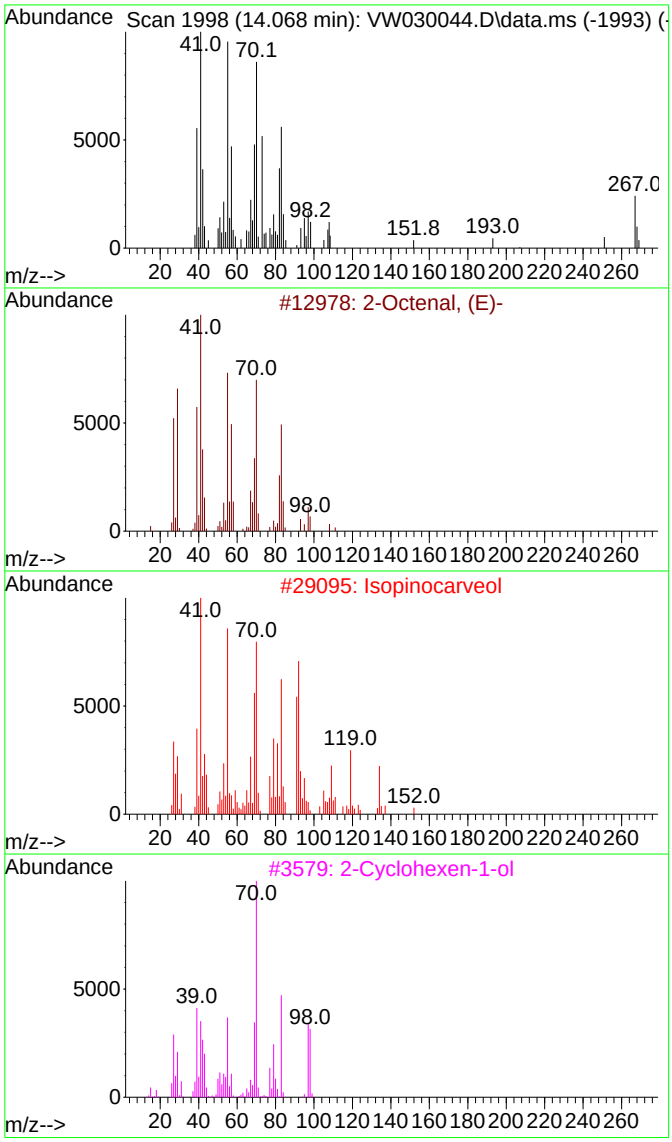
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

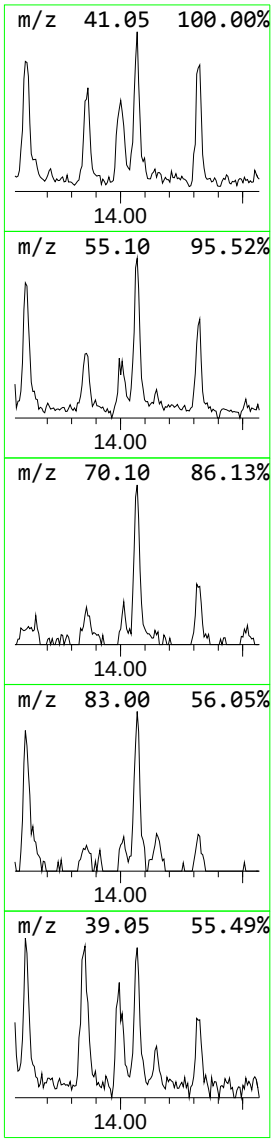
****

Peak Number 14 2-Octenal, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	1.33 ug/L	36301	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	58
2	Isopinocarveol	152	C10H16O	006712-79-4	50
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
4	2-Octenal, (E)-	126	C8H14O	002548-87-0	43
5	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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

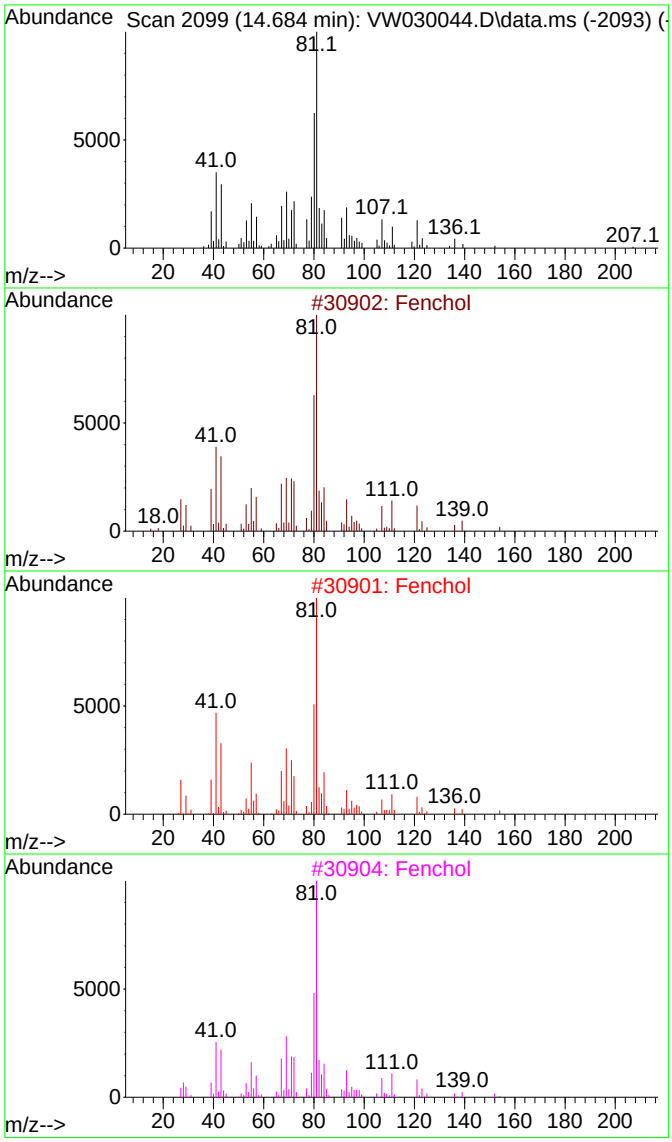
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

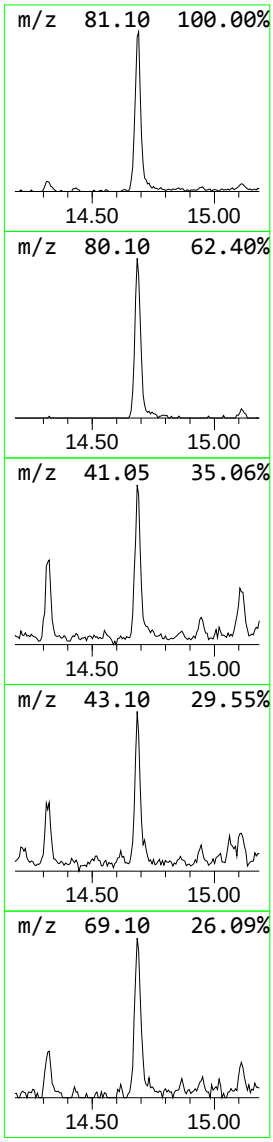
****

Peak Number 15 Fenchol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	3.50 ug/L	95747	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol	154	C10H18O	001632-73-1	83
2	Fenchol	154	C10H18O	001632-73-1	72
3	Fenchol	154	C10H18O	001632-73-1	72
4	Fenchol	154	C10H18O	001632-73-1	58
5	Cyclohexane, 1,2-dichloro-, cis-	152	C6H10Cl2	010498-35-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

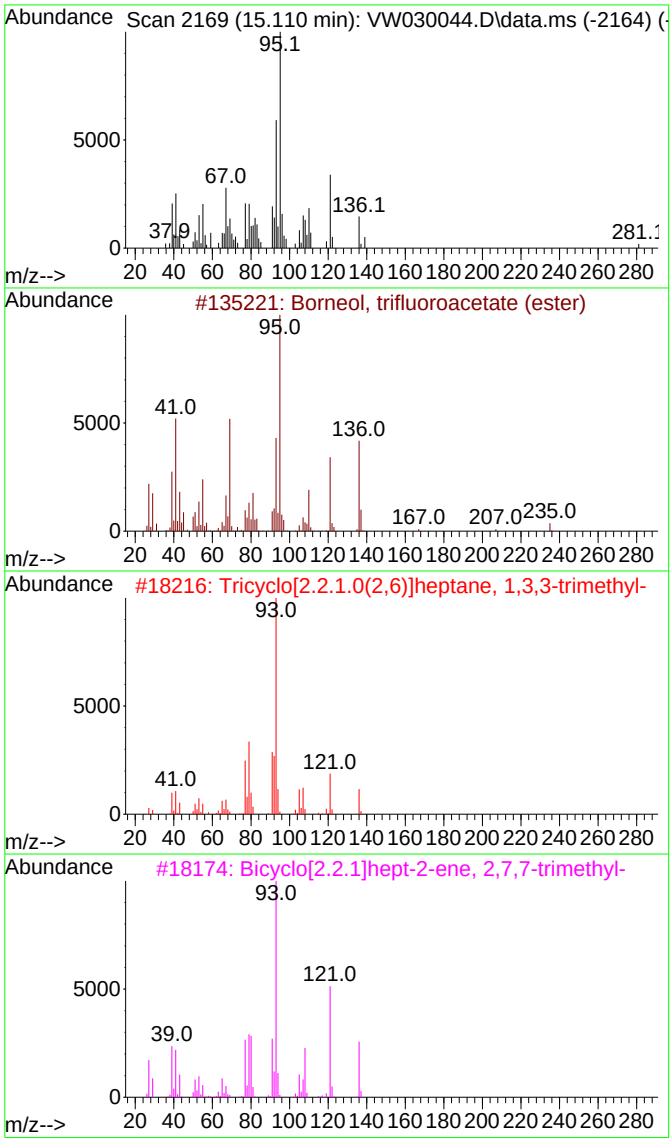
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

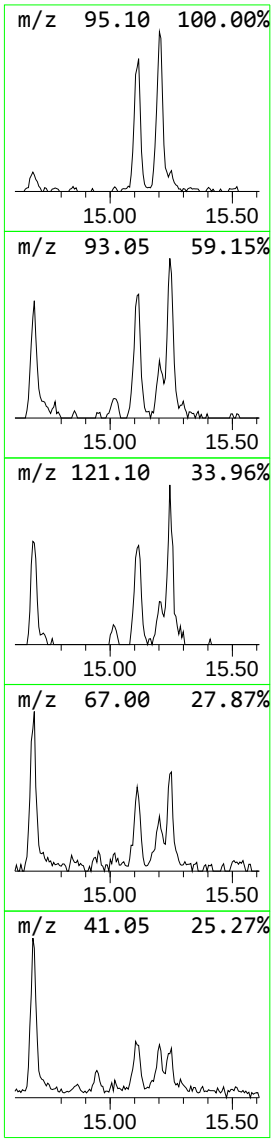
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Borneol, trifluoroacetate (... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	1.40 ug/L	38312	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol, trifluoroacetate (ester)	250	C12H17F3O2	028587-55-5	86
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	83
3	Bicyclo[2.2.1]hept-2-ene, 2,7,7-...	136	C10H16	000514-14-7	55
4	Camphene	136	C10H16	000079-92-5	50
5	Camphene	136	C10H16	000079-92-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

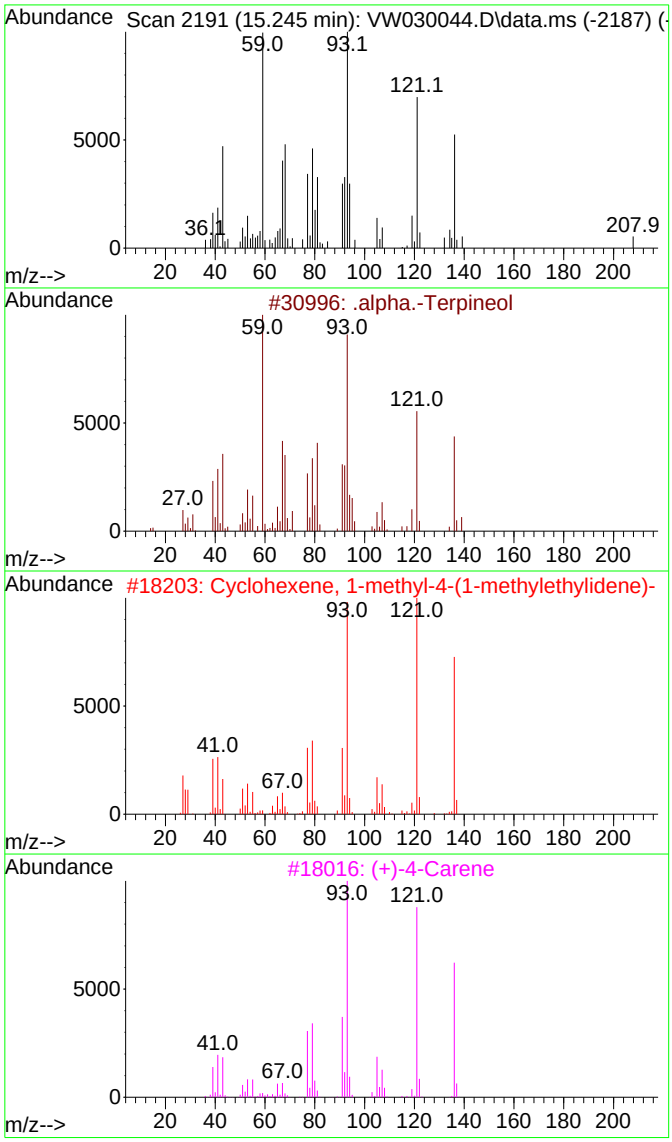
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

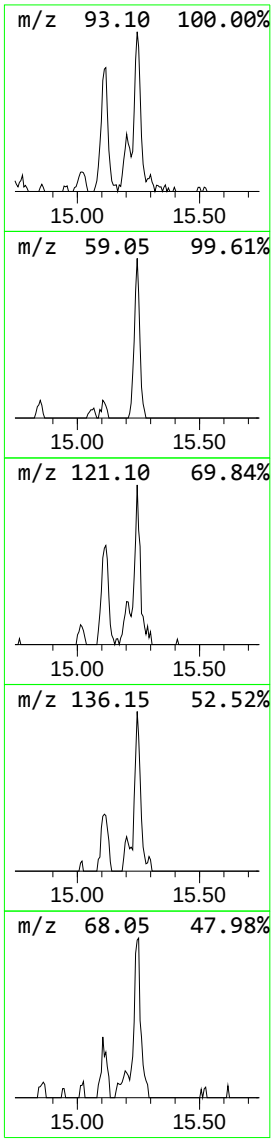
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 .alpha.-Terpineol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	1.53 ug/L	41896	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Terpineol	154	C10H18O	000098-55-5	83
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	50
3	(+)-4-Carene	136	C10H16	029050-33-7	50
4	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	47
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030044.D
Acq On : 27 Aug 2024 15:09
Operator : SY/MD
Sample : P3722-01
Misc : 4.74g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD5

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
Pentanal	9.404	2.9	ug/L	97098	1	8.843	829392	25.0
Hexanal	11.069	12.8	ug/L	449889	2	11.629	879618	25.0
Furfural	11.837	8.9	ug/L	313887	2	11.629	879618	25.0
.alpha.-Pinene	12.465	11.6	ug/L	408551	2	11.629	879618	25.0
unknown-01	13.153	5.2	ug/L	142668	3	13.556	683324	25.0
3-Octanone	13.208	2.3	ug/L	63763	3	13.556	683324	25.0
Octanal	13.391	2.8	ug/L	77628	3	13.556	683324	25.0
D-Limonene	13.464	10.9	ug/L	298987	3	13.556	683324	25.0
p-Cymene	13.489	10.1	ug/L	276459	3	13.556	683324	25.0
Eucalyptol	13.617	2.8	ug/L	76674	3	13.556	683324	25.0
Cyclohexene, 1-...	13.995	1.8	ug/L	49632	3	13.556	683324	25.0
2-Octenal, (E)-	14.068	1.3	ug/L	36301	3	13.556	683324	25.0
Fenchol	14.684	3.5	ug/L	95747	3	13.556	683324	25.0
Borneol, triflu...	15.110	1.4	ug/L	38312	3	13.556	683324	25.0
.alpha.-Terpineol	15.245	1.5	ug/L	41896	3	13.556	683324	25.0