LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DCXZ8RE

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: VW030082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	94	rBV	38037	111422	15.69%	1.945%
2	2.497	96	100	110	rVB	6121	13566	1.91%	0.237%
3	2.899	157	166	183	rBV2	29526	94828	13.35%	1.655%
4	3.296	226	231	232	rBV3	675	779	0.11%	0.014%
5	3.314	232	234	237	rVB4	529	486	0.07%	0.008%
6	3.393	238	247	258	rBV2	25840	62016	8.73%	1.082%
7	3.728	300	302	313	rVB6	807	1867	0.26%	0.033%
8	3.856	317	323	326	rBV3	626	1300	0.18%	0.023%
9	3.911	330	332	335	rVB2	441	395	0.06%	0.007%
10	4.027	338	351	359	rBV	63809	222256	31.30%	3.879%
11	4.119	359	366	383	rVB	80691	229594	32.33%	4.007%
12	4.393	409	411	413	rBV3	432	414	0.06%	0.007%
13	4.673	447	457	473	rBV2	10757	33446	4.71%	0.584%
14	4.929	489	499	513	rBV5	3840	16126	2.27%	0.281%
15	5.795	631	641	652	rVB5	2270	7617	1.07%	0.133%
16	5.941	652	665	678	rBB3	4436	13595	1.91%	0.237%
17	6.118	687	694	701	rBV5	805	2426	0.34%	0.042%
18	6.295	718	723	724	rBV2	309	464	0.07%	0.008%
19	6.612	768	775	777	rBV3	439	660	0.09%	0.012%
20	6.899	815	822	831	rBV5	3995	12146	1.71%	0.212%
21	6.984	834	836	840	rBV	285	361	0.05%	0.006%
22	7.075	843	851	861	rBV	21552	61300	8.63%	1.070%
23	7.648	935	945	957	rVV	108254	267816	37.71%	4.674%
24	7.917	986	989	992	rBV2	438	435	0.06%	0.008%
25	8.276	1037	1048	1066	rBV2	212613	641830	90.38%	11.202%
26	8.398	1066	1068	1071	rVB4	493	575	0.08%	0.010%
27	8.508	1082	1086	1088	rBV2	1345	1978	0.28%	0.035%
28	8.557	1089	1094	1104	rVB5	2176	5634	0.79%	0.098%
29	8.703	1110	1118	1128	rBV	30985	67634	9.52%	1.180%
30	8.843	1132	1141	1150	rBV	235051	466210	65.65%	8.137%
31	8.947	1157	1158	1161	rVB	614	346	0.05%	0.006%
32	9.038	1168	1173	1177	rBV4	1467	3016	0.42%	0.053%
33	9.270	1203	1211	1222	rBV	147590	304882	42.93%	5.321%
34	9.404	1226	1233	1247	rVB	46866	89016	12.54%	1.554%
35	9.660	1272	1275	1280	rVV5	412	695	0.10%	0.012%
36	10.032	1328	1336	1346	rBV	67449	125220	17.63%	2.186%

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ClientSampleId :
DCXZ8RE

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	10.154	1355	1356	1361	rVB3	923	1014	0.14%	0.018%
38	10.209	1361	1365	1368	rBV3	504	899	0.13%	0.016%
39	10.319	1371	1383	1391	rBV	249894	450385	63.42%	7.861%
40	10.386	1391	1394	1400	rVB	6639	10876	1.53%	0.190%
41	10.502	1407	1413	1419	rBV3	2942	5195	0.73%	0.091%
42	10.575	1419	1425	1433	rBV	43756	76002	10.70%	1.327%
43	10.703	1439	1446	1447	rBV2	2988	4359	0.61%	0.076%
44	10.733	1447	1451	1465	rVB	10755	20067	2.83%	0.350%
45	10.922	1475	1482	1496	rBV	88372	152710	21.50%	2.665%
46	11.069	1499	1506	1517	rBV	439362	710114	100.00%	12.394%
47	11.288	1540	1542	1545	rVB4	318	345	0.05%	0.006%
48	11.349	1550	1552	1556	rVB3	375	354	0.05%	0.006%
49	11.471	1567	1572	1575	rVB2	465	746	0.11%	0.013%
50	11.562	1582	1587	1591	rBV4	2900	5246	0.74%	0.092%
51	11.629	1591	1598	1610	rVB	222581	371626	52.33%	6.486%
52	11.745	1613	1617	1622	rVB5	981	1541	0.22%	0.027%
53	11.837	1625	1632	1640	rBV	16404	34389	4.84%	0.600%
54	11.946	1644	1650	1655	rBV6	3793	6568	0.92%	0.115%
55	12.013	1655	1661	1674	rBV	58265	101899	14.35%	1.779%
56	12.233	1692	1697	1704	rVB2	4619	8393	1.18%	0.146%
57	12.337	1707	1714	1729	rVB2	20597	37101	5.22%	0.648%
58	12.434	1729	1730	1732	rBV2	443	335	0.05%	0.006%
59	12.465	1732	1735	1740	rVV5	1330	2419	0.34%	0.042%
60	12.507	1740	1742	1747	rVB3	833	1118	0.16%	0.020%
61	12.599	1751	1757	1764	rVB2	3397	5325	0.75%	0.093%
62	12.690	1764	1772	1783	rBV	80466	138666	19.53%	2.420%
63	12.928	1800	1811	1817	rBV2	8993	19199	2.70%	0.335%
64	12.995	1821	1822	1824	rVV	482	327	0.05%	0.006%
65	13.038	1824	1829	1833	rVV	7366	12362	1.74%	0.216%
66	13.093	1833	1838	1843	rVV6	9330	21129	2.98%	0.369%
67	13.147	1843	1847	1852	rVV	17618	30137	4.24%	0.526%
68	13.208	1852	1857	1863	rVV	55597	90399	12.73%	1.578%
69	13.282	1863	1869	1881	rVV4	16095	37491	5.28%	0.654%
70	13.391	1881	1887	1893	rVV2	21347	35063	4.94%	0.612%
71	13.464	1893	1899	1907	rVV4	20975	49414	6.96%	0.862%
72	13.556	1907	1914	1922	rVV	111381	181453	25.55%	3.167%
73	13.641	1926	1928	1935	rVB3	1623	2314	0.33%	0.040%
74	13.714	1936	1940	1943	rVB3	479	776	0.11%	0.014%
75	13.781	1949	1951	1955	rVB4	699	683	0.10%	0.012%
76	13.848	1955	1962	1975	rBV	75551	130962	18.44%	2.286%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXZ8RE

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	13.958	1978	1980	1983	rBV3	328	322	0.05%	0.006%
78	14.007	1983	1988	1993	rBV5	4725	8912	1.26%	0.156%
79	14.068	1993	1998	2007	rVV2	20553	36434	5.13%	0.636%
80	14.147	2009	2011	2017	rVV4	1481	2130	0.30%	0.037%
81	14.220	2019	2023	2027	rVB3	1684	2407	0.34%	0.042%
82	14.318	2032	2039	2045	rBV2	11869	19004	2.68%	0.332%
83	14.611	2081	2087	2093	rBV4	1600	2929	0.41%	0.051%
84	14.690	2095	2100	2103	rVV6	879	1842	0.26%	0.032%
85	14.793	2114	2117	2121	rVB3	544	740	0.10%	0.013%
86	14.867	2121	2129	2133	rBV7	1654	3630	0.51%	0.063%
87	14.946	2136	2142	2149	rBV3	2985	5312	0.75%	0.093%
88	15.062	2158	2161	2164	rBV5	1356	1964	0.28%	0.034%
89	15.092	2164	2166	2169	rVV4	407	449	0.06%	0.008%
90	15.171	2175	2179	2182	rBV5	1224	1797	0.25%	0.031%
91	15.245	2188	2191	2195	rVB5	1117	1564	0.22%	0.027%
92	15.360	2206	2210	2211	rBV3	562	751	0.11%	0.013%
93	15.482	2222	2230	2232	rBV4	1130	1967	0.28%	0.034%
94	15.714	2265	2268	2269	rVV4	462	504	0.07%	0.009%
95	15.732	2269	2271	2274	rVV2	428	531	0.07%	0.009%
96	15.842	2283	2289	2296	rBV6	3653	7693	1.08%	0.134%
97	15.952	2302	2307	2315	rBV4	2897	5685	0.80%	0.099%
98	16.025	2317	2319	2321	rVV2	402	339	0.05%	0.006%
99	16.086	2327	2329	2330	rVV2	435	355	0.05%	0.006%
100	16.610	2412	2415	2419	rBV3	257	452	0.06%	0.008%

Sum of corrected areas: 5729465

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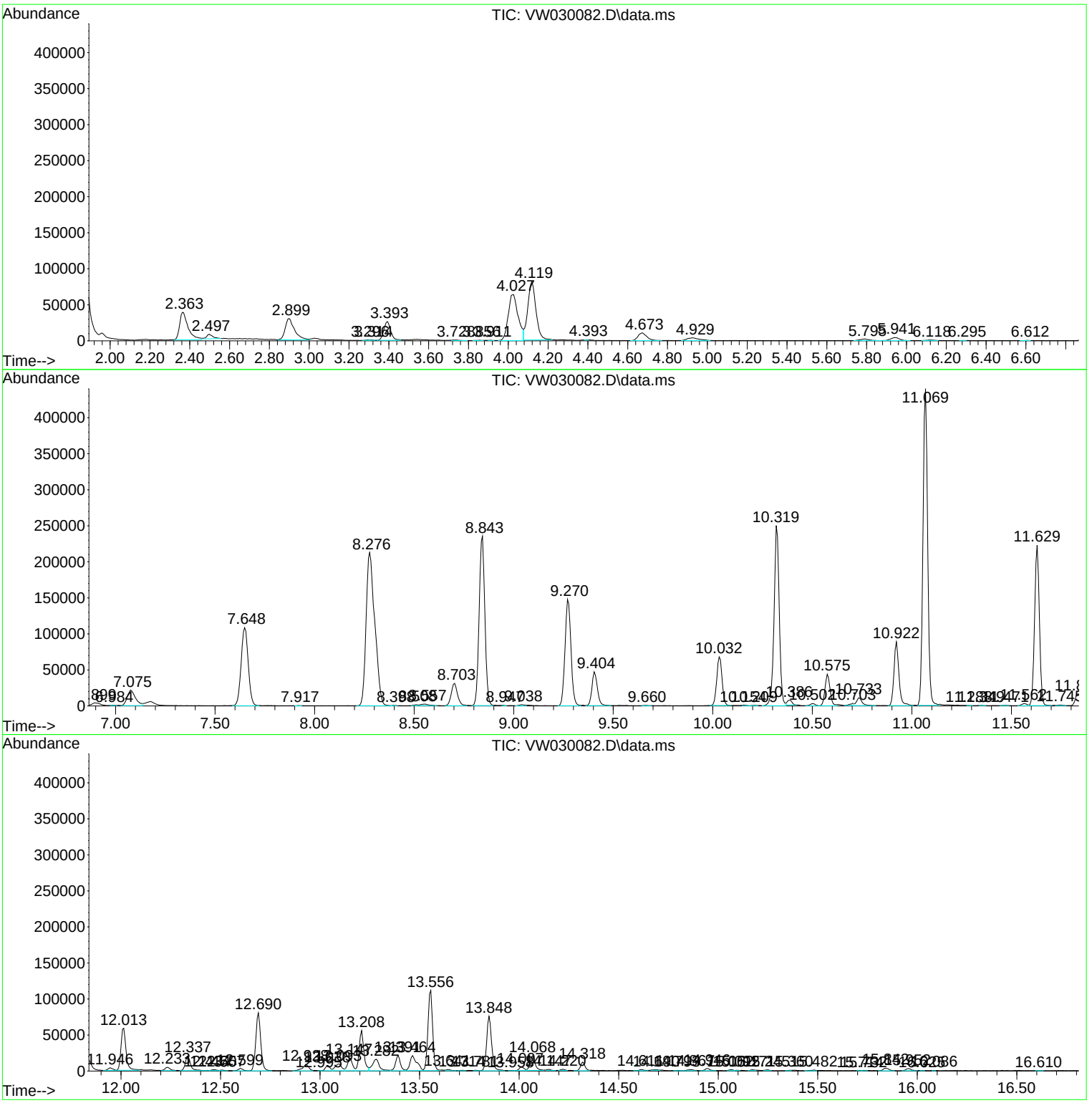
Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
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Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

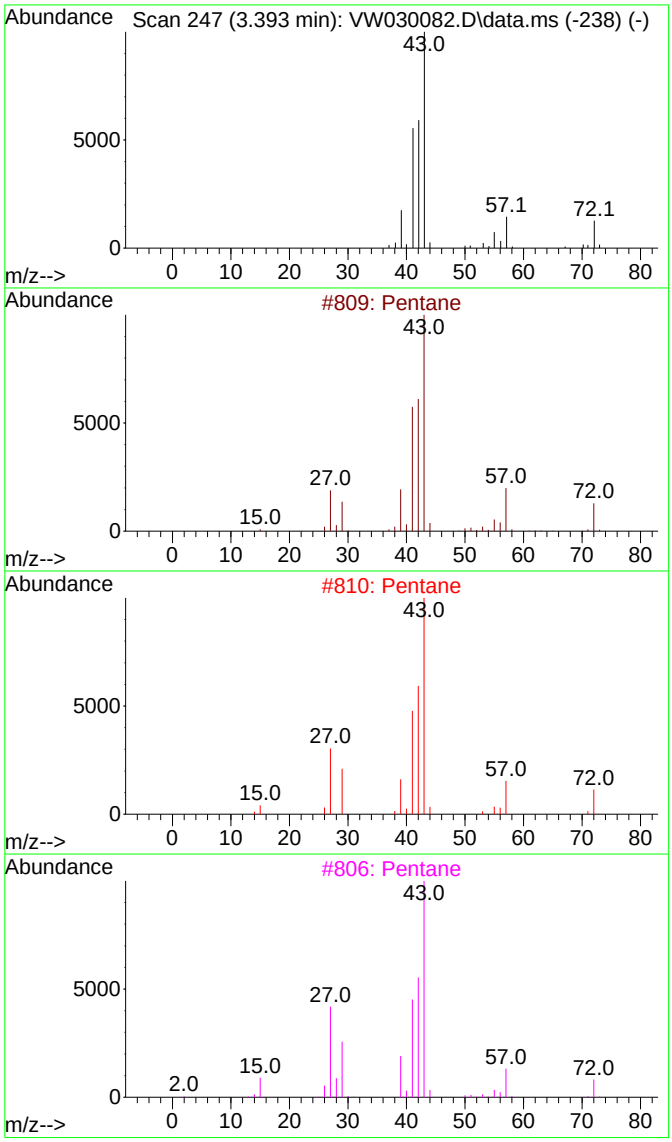
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

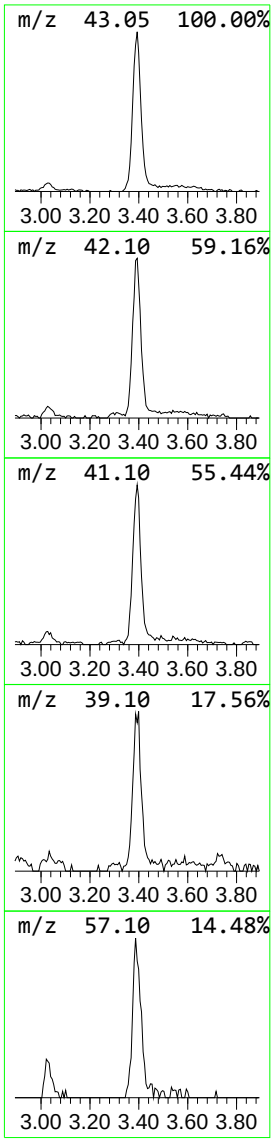
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	3.33 ug/L	62016	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

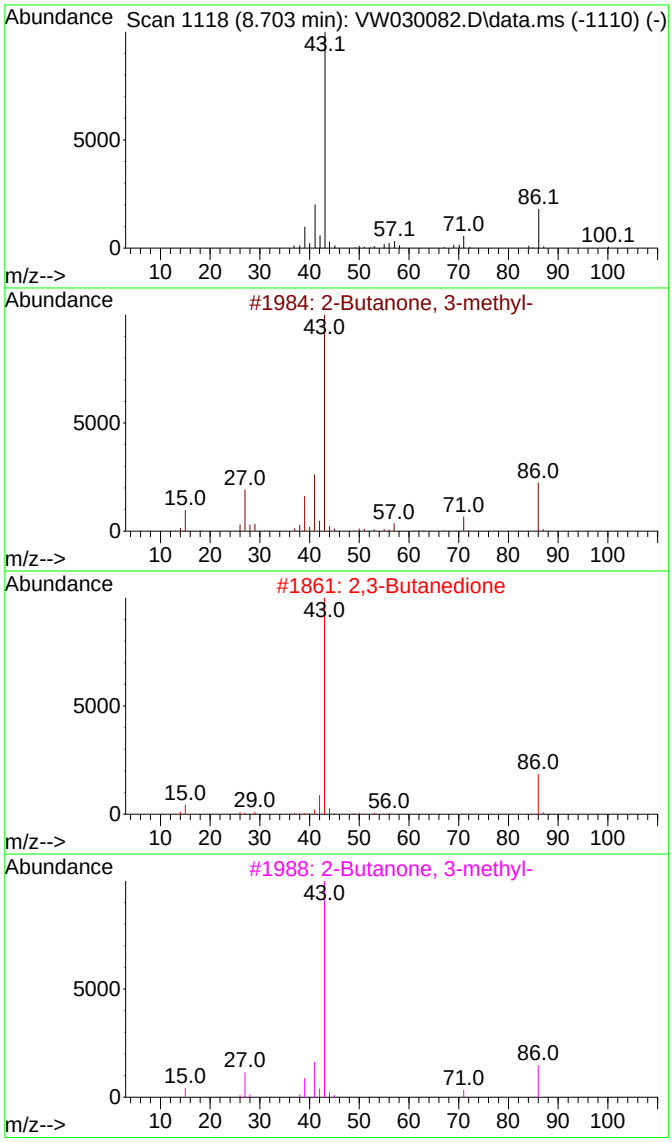
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

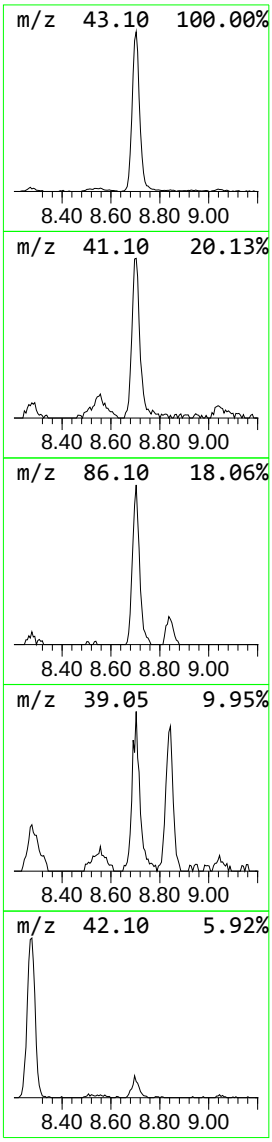
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butanone, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	3.63 ug/L	67634	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	2,3-Butanedione	86	C4H6O2	000431-03-8	58
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
4	2-Pentanone	86	C5H10O	000107-87-9	52
5	2-Pentanone	86	C5H10O	000107-87-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

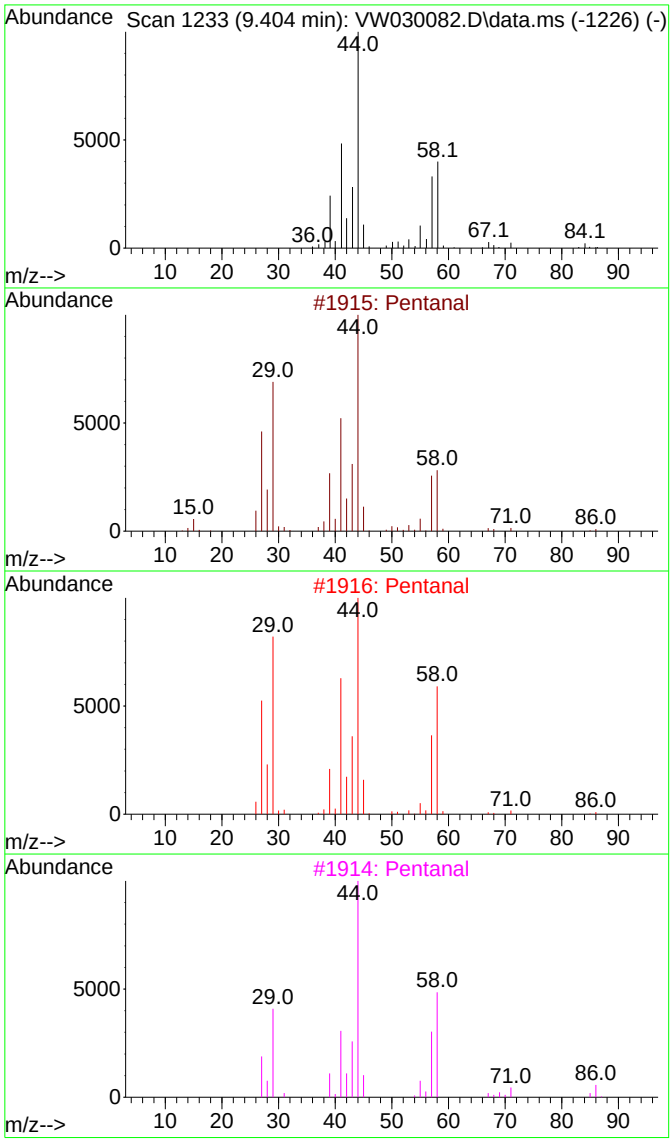
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

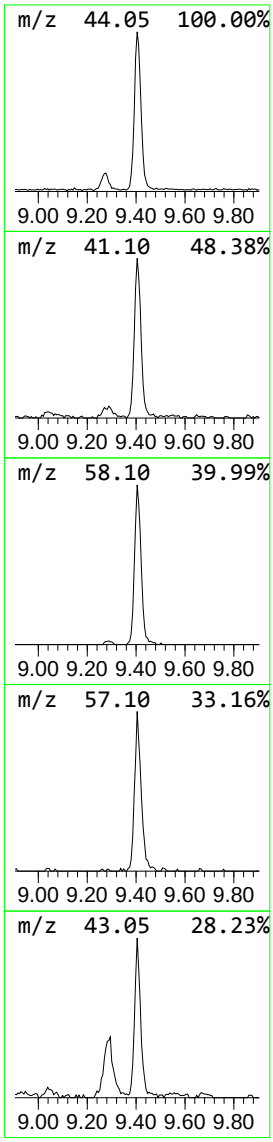
****

Peak Number 3 Pentanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	4.77 ug/L	89016	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Pentanal	86	C5H10O	000110-62-3	86
3	Pentanal	86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	53





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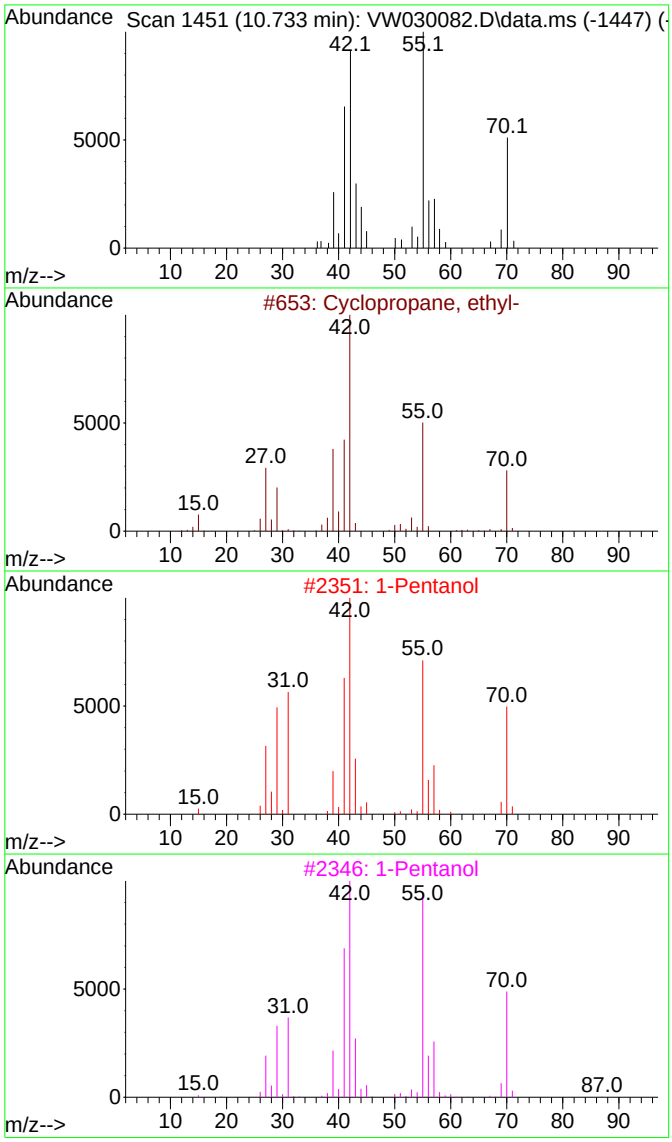
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

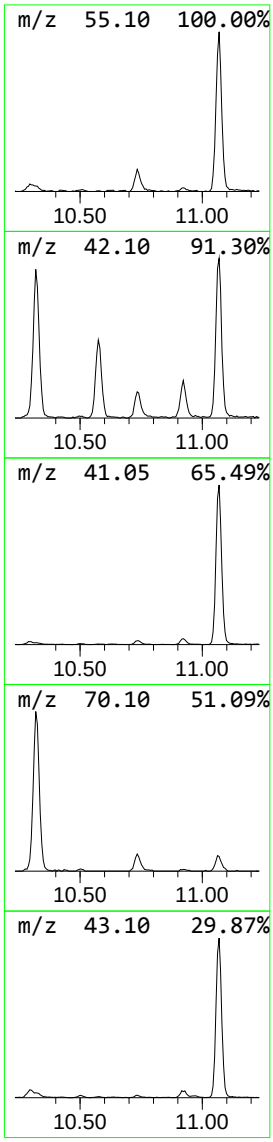
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic10.733 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	1.35 ug/L	20067	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	1-Pentanol	88	C5H12O	000071-41-0	64
3	1-Pentanol	88	C5H12O	000071-41-0	64
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	59





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Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

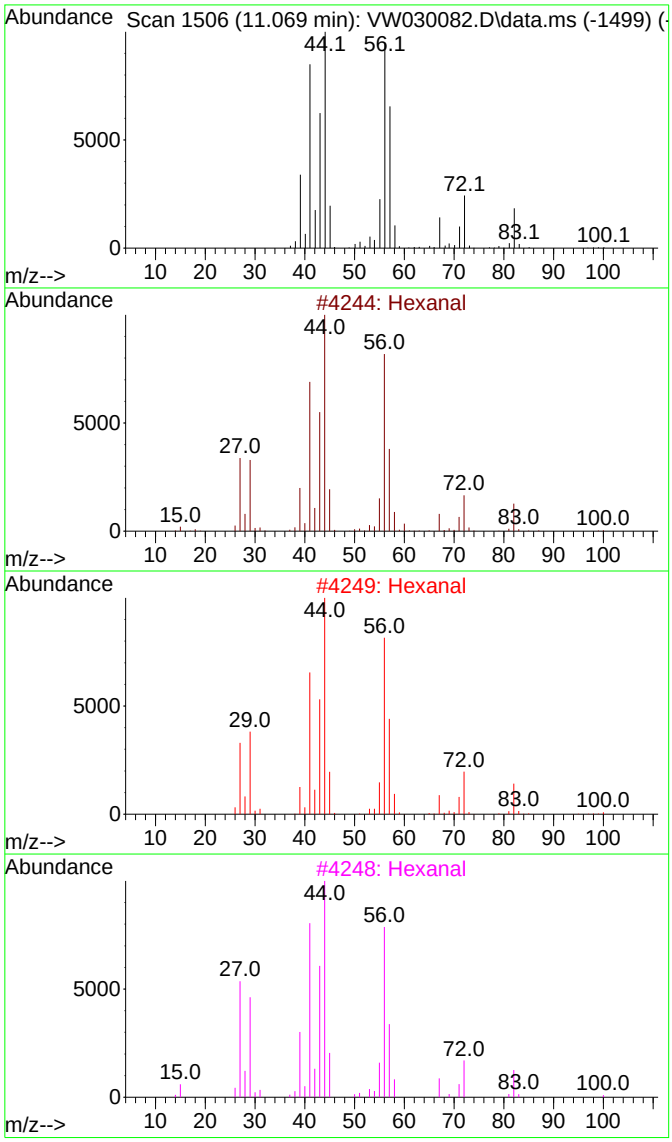
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

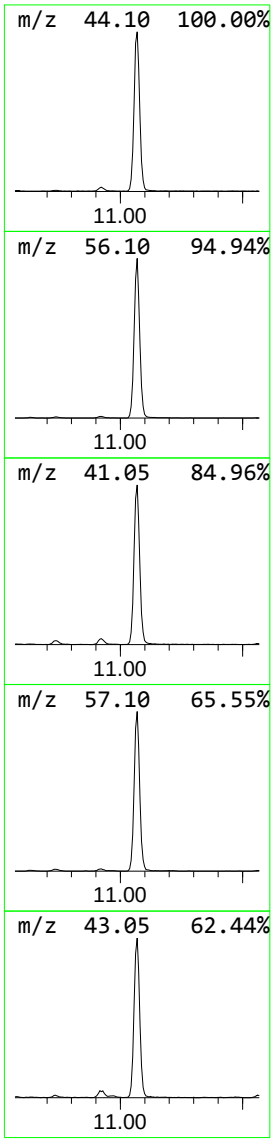
****

Peak Number 6 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	47.77 ug/L	710114	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

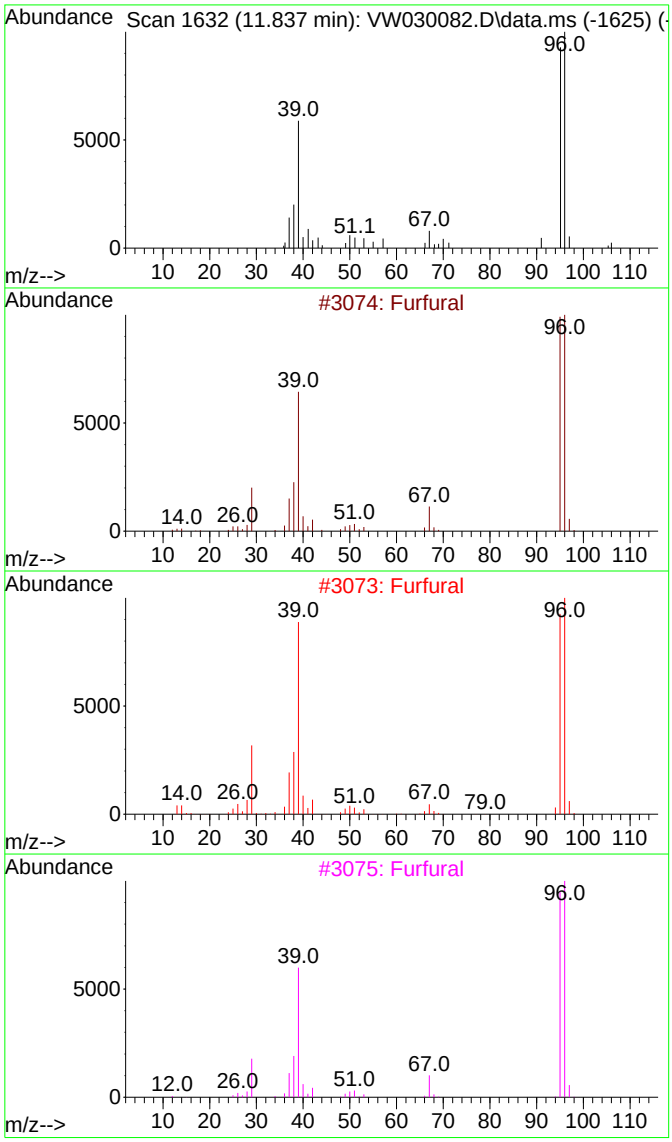
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

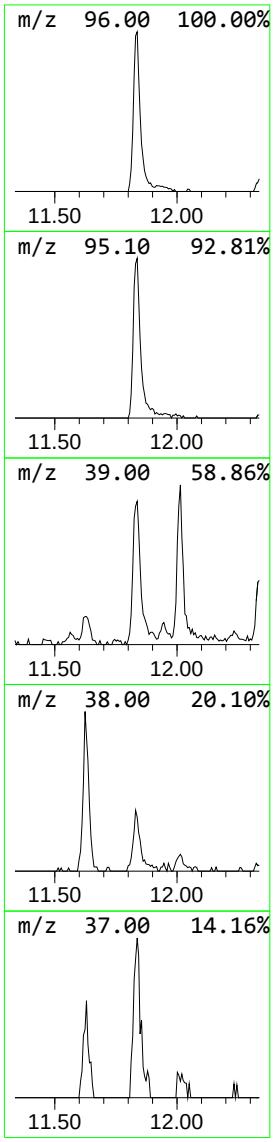
****

Peak Number 7 Furfural Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	2.31 ug/L	34389	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	95
2	Furfural	96	C5H4O2	000098-01-1	91
3	Furfural	96	C5H4O2	000098-01-1	91
4	Furfural	96	C5H4O2	000098-01-1	91
5	3-Furaldehyde	96	C5H4O2	000498-60-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

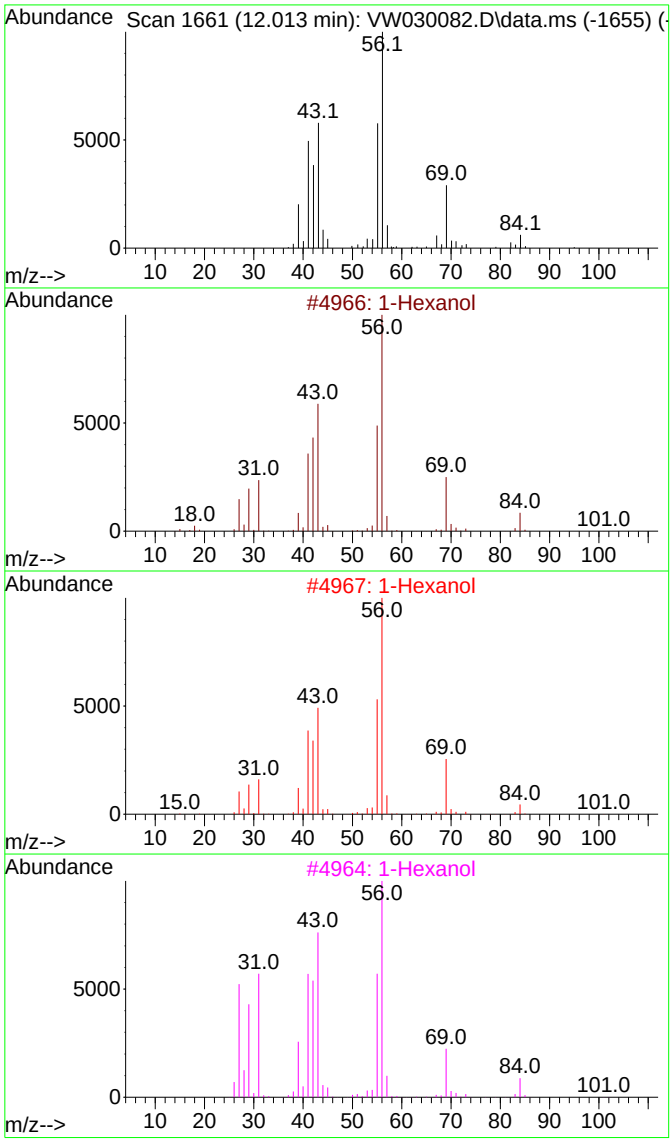
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

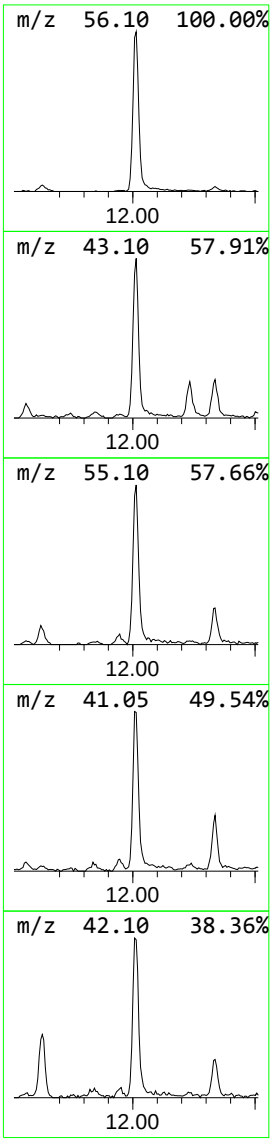
****

Peak Number 8 1-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	6.85 ug/L	101899	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	1-Hexanol	102	C6H14O	000111-27-3	83
3	1-Hexanol	102	C6H14O	000111-27-3	78
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

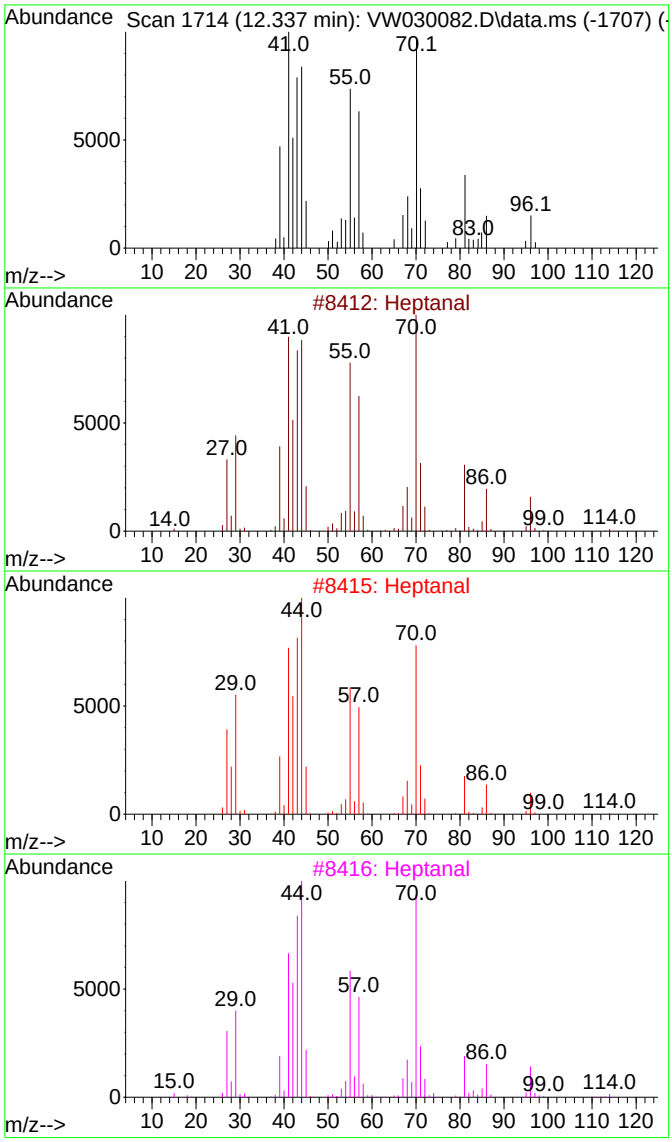
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

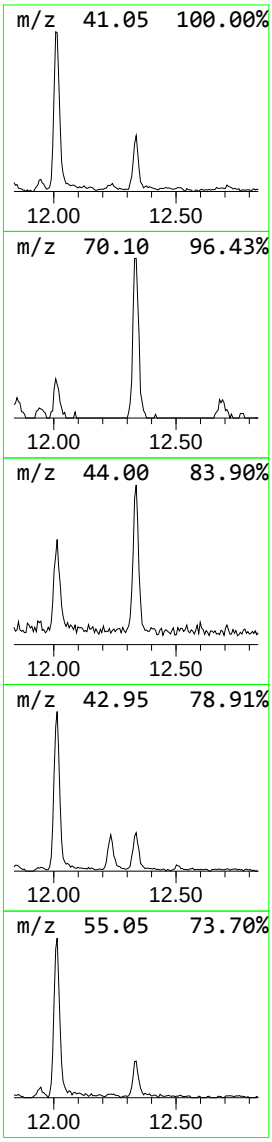
****

Peak Number 9 Heptanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	2.50 ug/L	37101	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	86
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

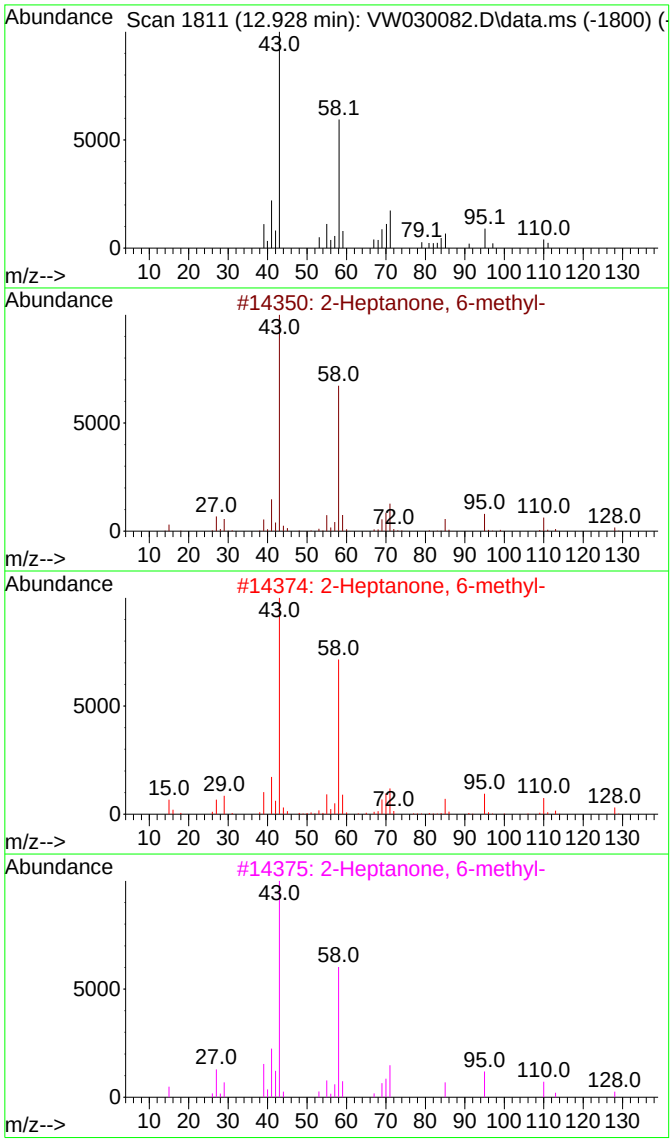
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

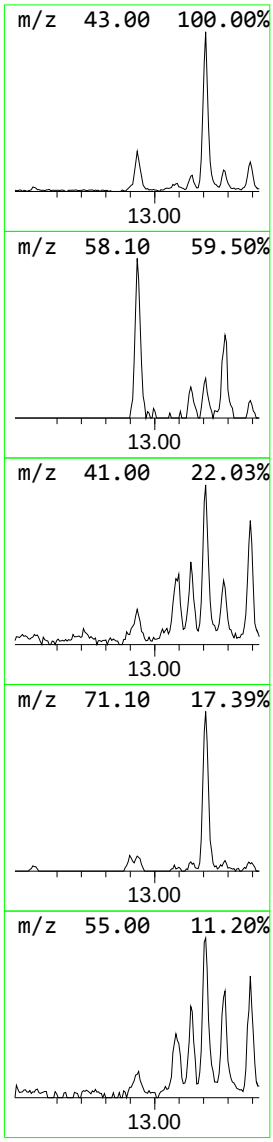
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Heptanone, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	2.65 ug/L	19199	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	78
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	72
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	64
4	1-(2-Dimethylaminoethyl)-3,3-dim...	143	C7H17N3	054731-08-7	53
5	Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

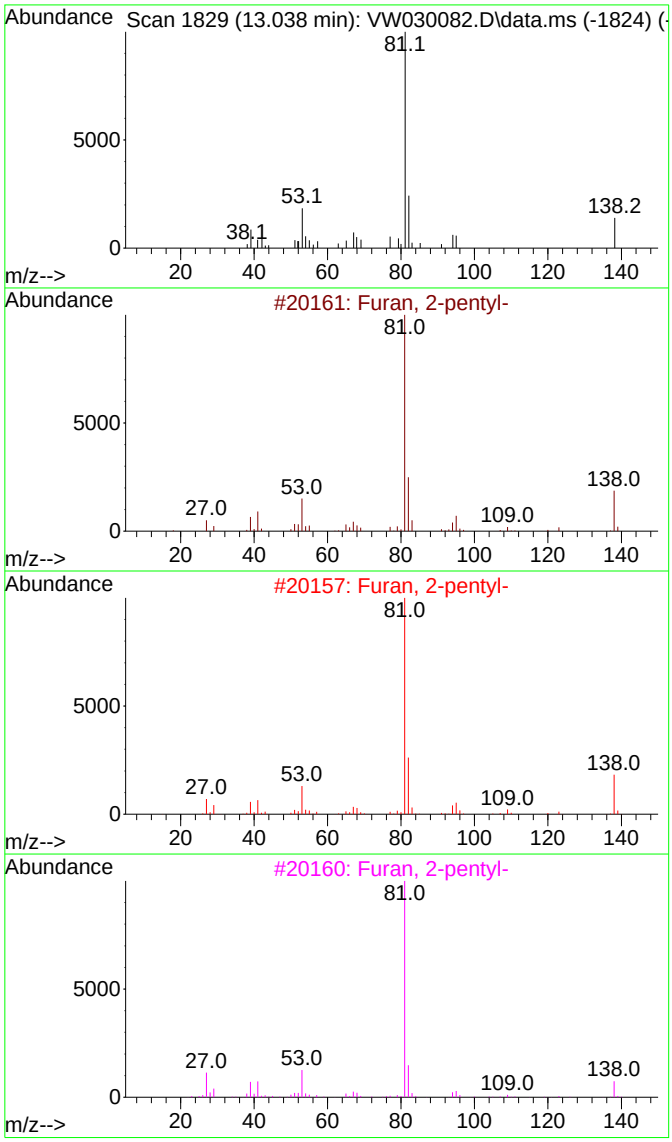
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

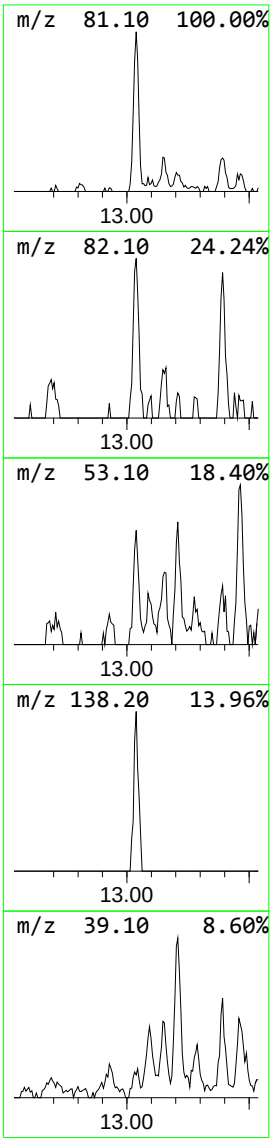
****

Peak Number 11 Furan, 2-pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	1.70 ug/L	12362	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	78
2	Furan, 2-pentyl-	138	C9H14O	003777-69-3	78
3	Furan, 2-pentyl-	138	C9H14O	003777-69-3	64
4	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	53
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

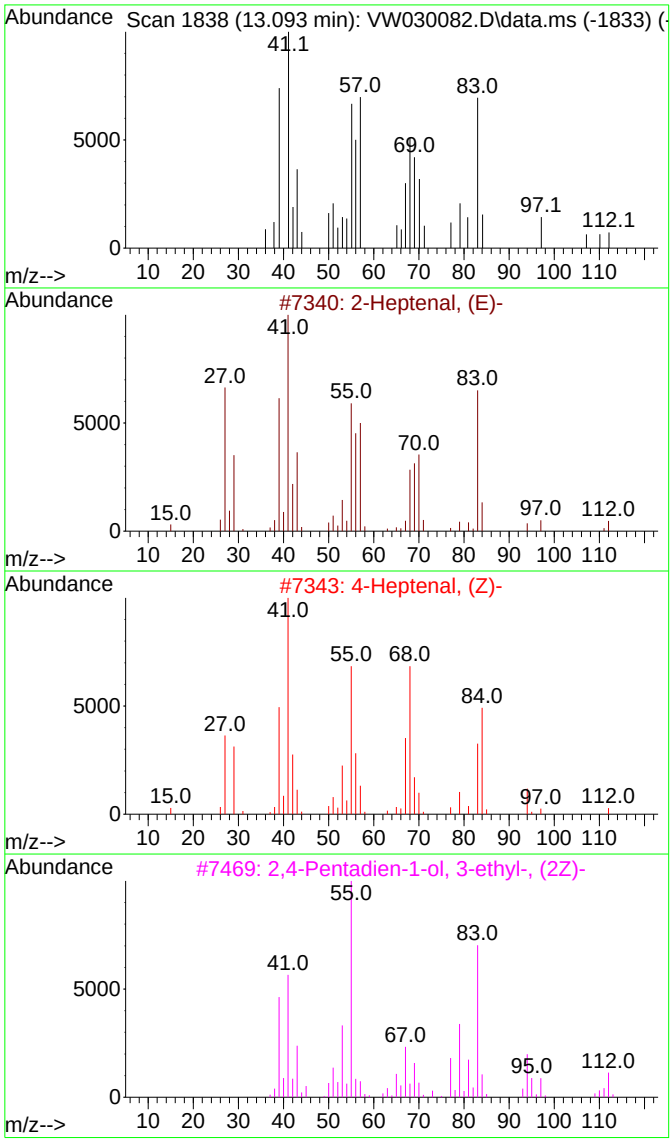
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

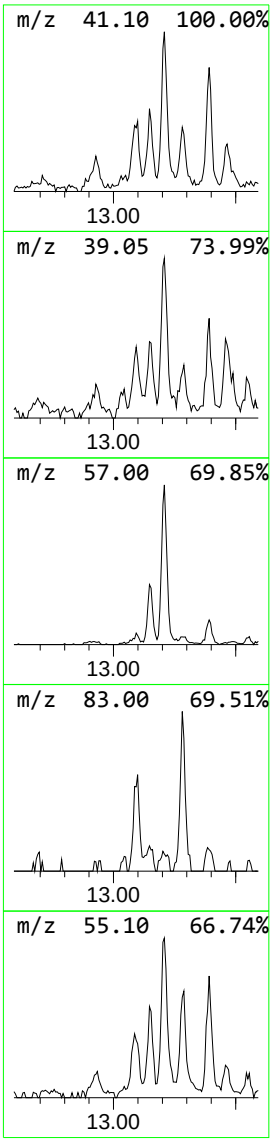
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Heptenal, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.91 ug/L	21129	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-	112	C7H12O	018829-55-5	87
2	4-Heptenal, (Z)-	112	C7H12O	006728-31-0	64
3	2,4-Pentadien-1-ol, 3-ethyl-, (2Z)-	112	C7H12O	1000142-17-6	59
4	4-Pentyn-1-ol	84	C5H8O	005390-04-5	59
5	4-Pentenal	84	C5H8O	002100-17-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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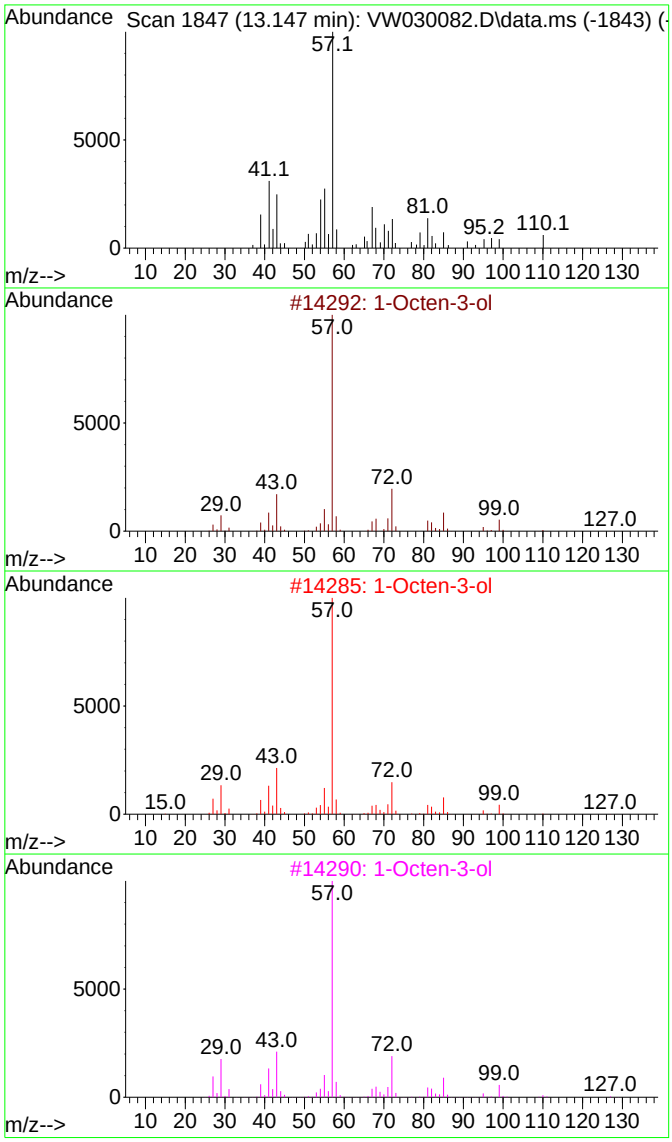
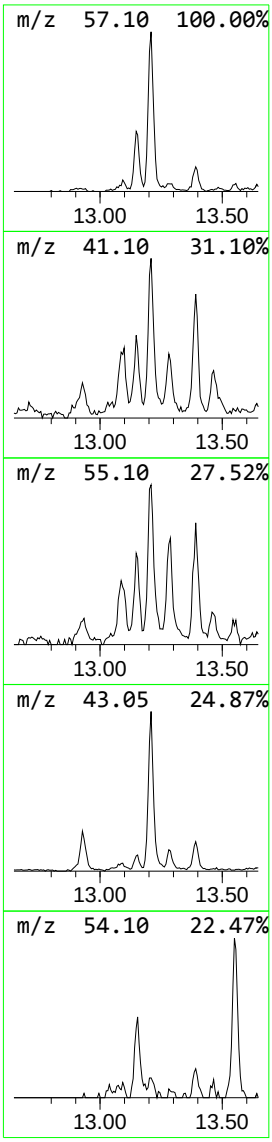
Peak Number 13 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.147	4.15 ug/L	30137	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	38
2	1-Octen-3-ol	128	C8H16O	003391-86-4	37
3	1-Octen-3-ol	128	C8H16O	003391-86-4	35
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	33
5	1-Octen-3-ol	128	C8H16O	003391-86-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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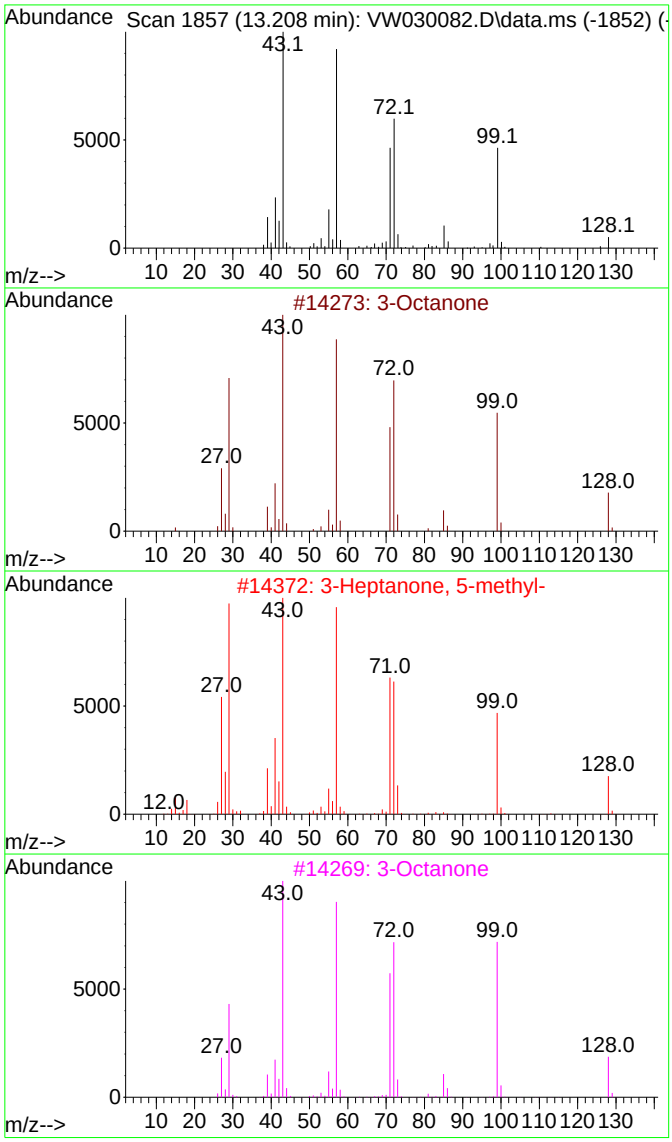
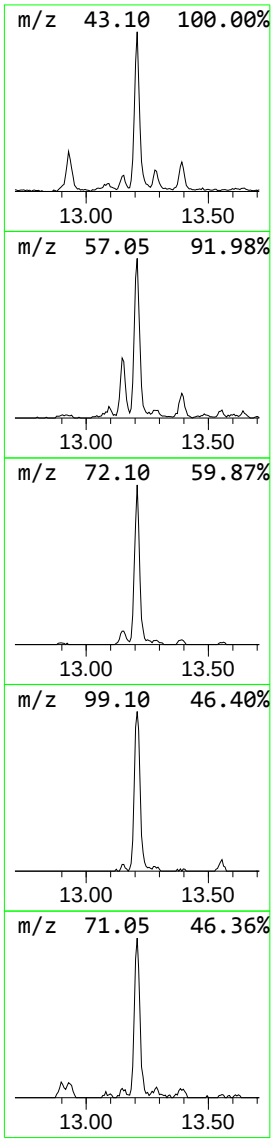
Peak Number 14 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	12.45 ug/L	90399	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-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	59
3	3-Octanone	128	C8H16O	000106-68-3	53
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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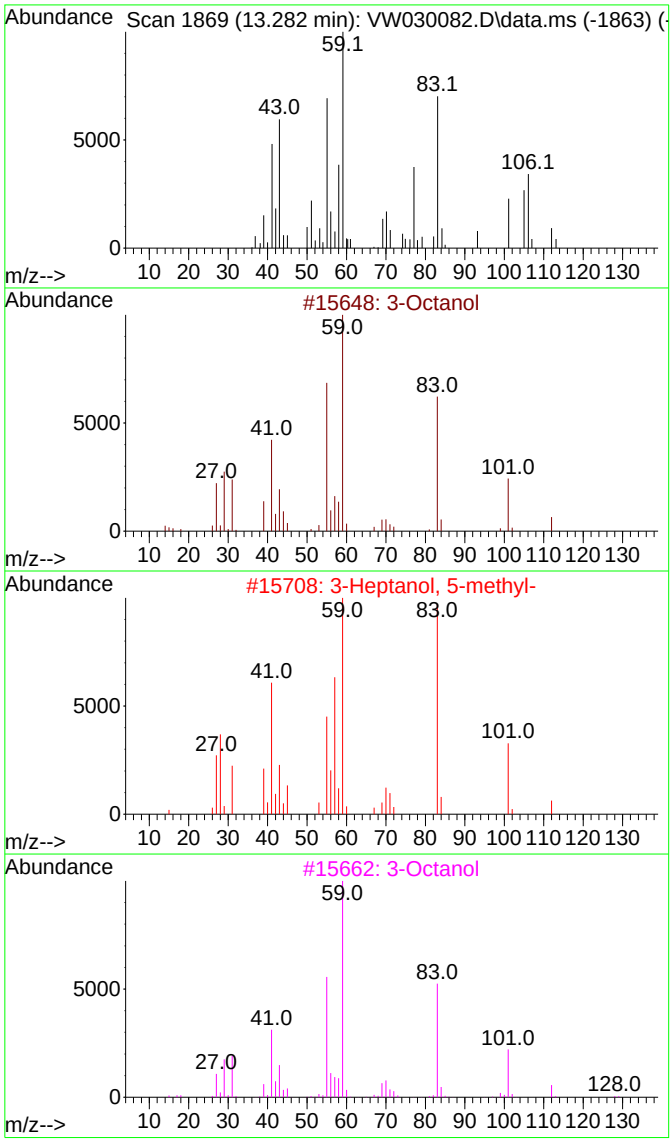
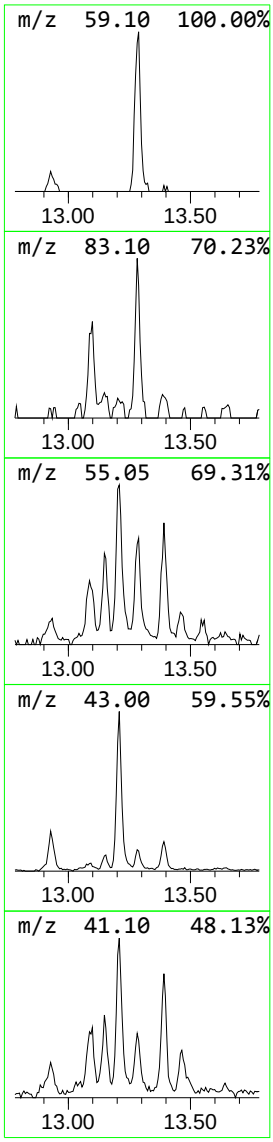
Peak Number 15 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	5.17 ug/L	37491	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	43
2	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	43
3	3-Octanol	130	C8H18O	000589-98-0	37
4	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	35
5	Hexan-3-yl propyl carbonate	188	C10H20O3	1000372-82-0	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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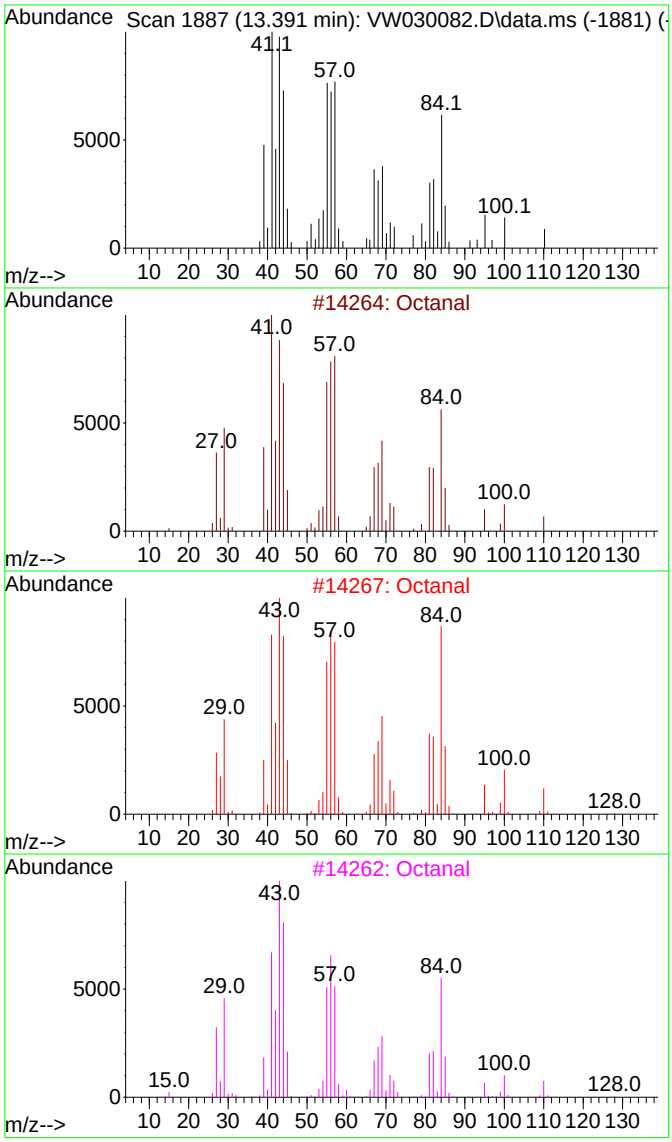
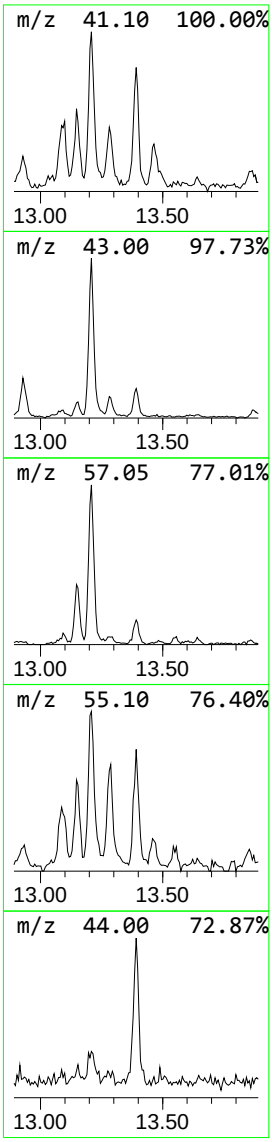
Peak Number 16 Octanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	4.83 ug/L	35063	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	86
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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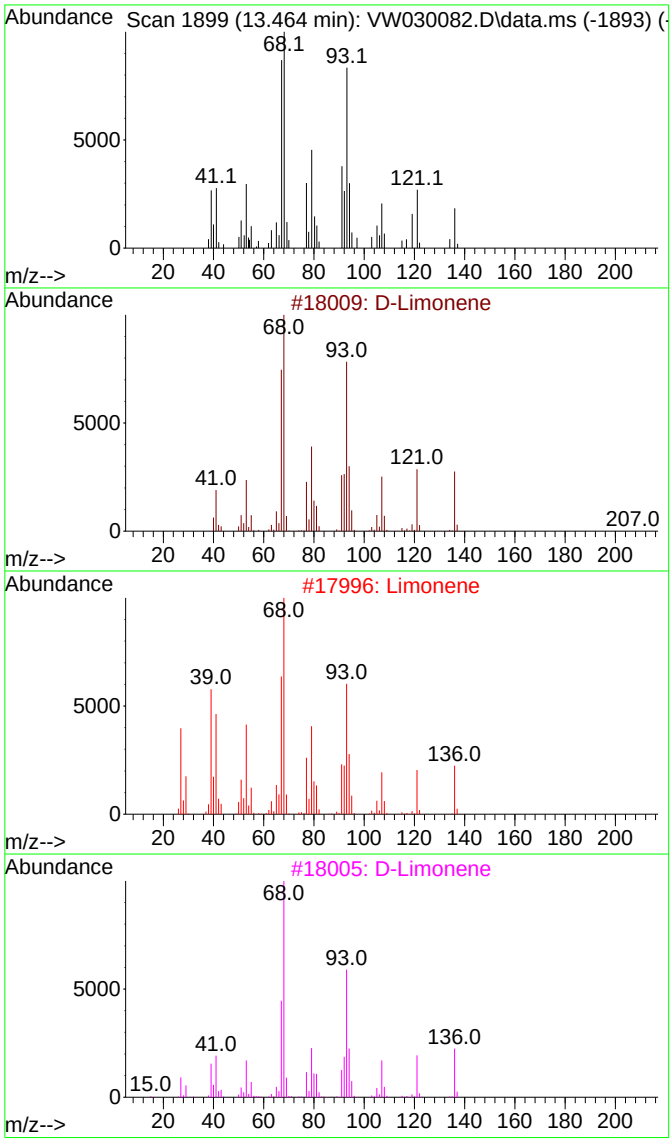
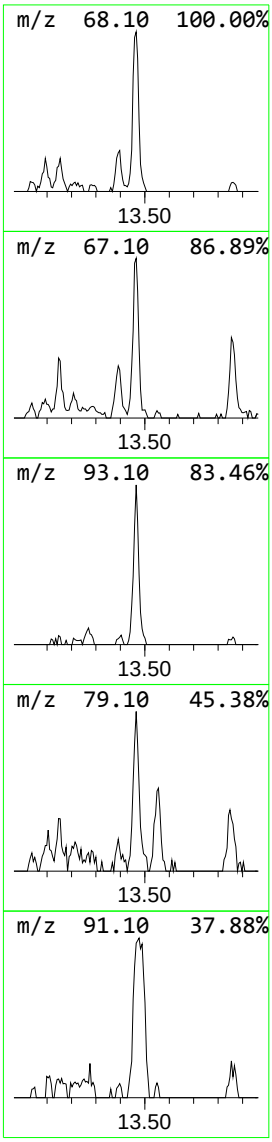
Peak Number 17 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	6.81 ug/L	49414	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Limonene	136	C10H16	000138-86-3	91
3	D-Limonene	136	C10H16	005989-27-5	76
4	D-Limonene	136	C10H16	005989-27-5	74
5	D-Limonene	136	C10H16	005989-27-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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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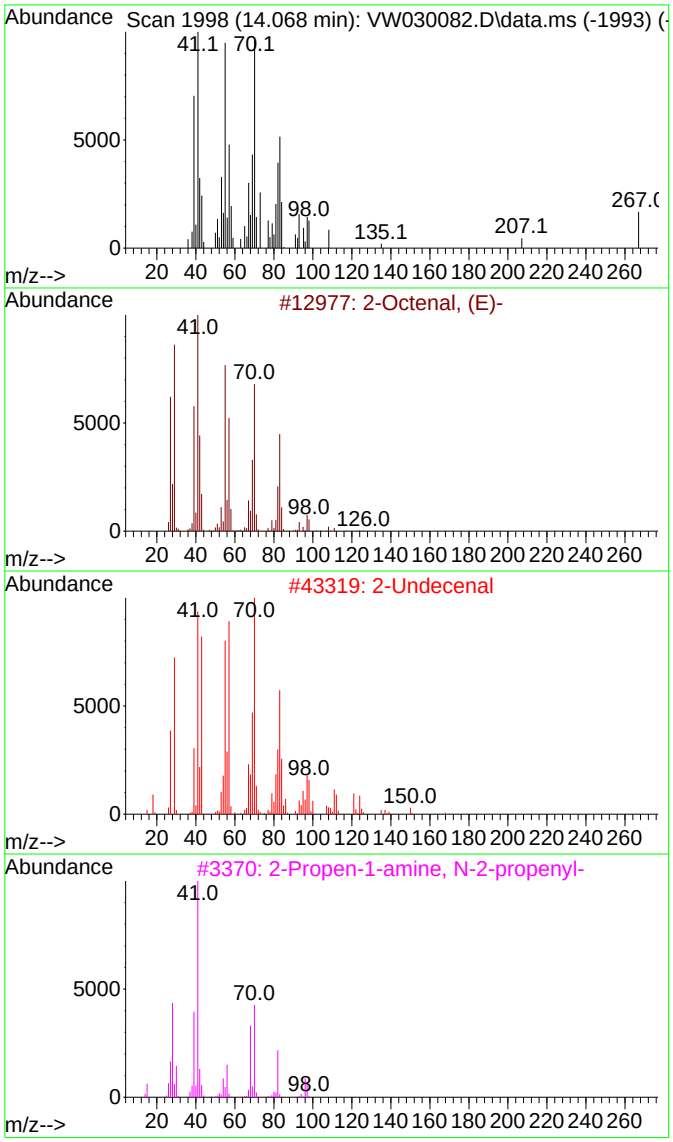
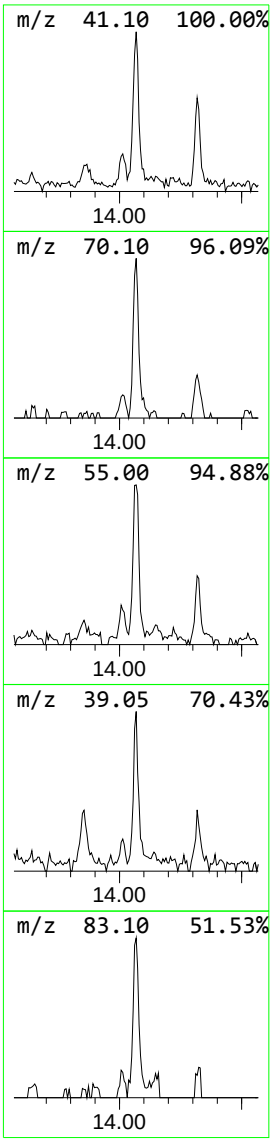
Peak Number 18 2-Octenal, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	5.02 ug/L	36434	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	50
2	2-Undecenal	168	C11H20O	002463-77-6	47
3	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	38
4	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	38
5	2-Nonenal, (E)-	140	C9H16O	018829-56-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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

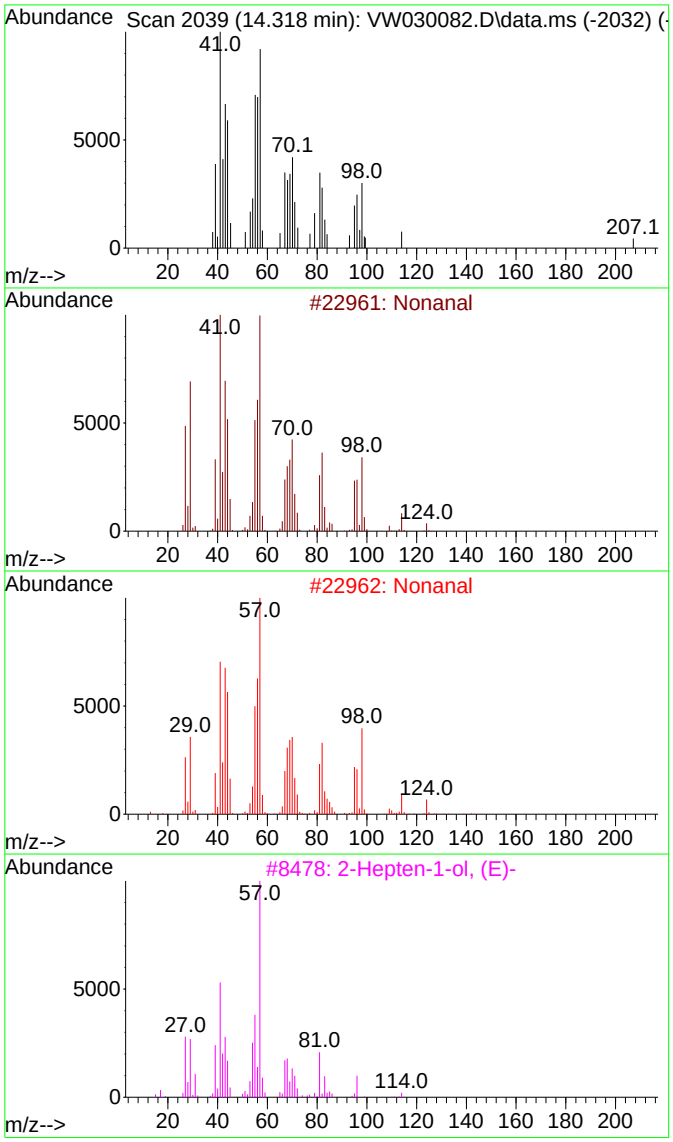
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

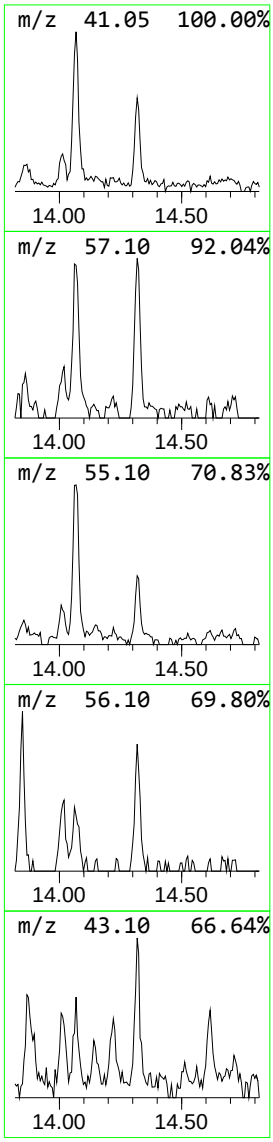
****

Peak Number 19 Nonanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	2.62 ug/L	19004	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	80
2	Nonanal	142	C9H18O	000124-19-6	58
3	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	43
4	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	25
5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030082.D
Acq On : 28 Aug 2024 17:33
Operator : SY/MD
Sample : P3721-13RE
Misc : 3.67g/10mL/MSVOA_W/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ8RE

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	3.3	ug/L	62016	1	8.843	466210	25.0
2-Butanone, 3-m...	8.703	3.6	ug/L	67634	1	8.843	466210	25.0
Pentanal	9.404	4.8	ug/L	89016	1	8.843	466210	25.0
(DEL) Alkane: C...	10.733	1.4	ug/L	20067	2	11.629	371626	25.0
Hexanal	11.069	47.8	ug/L	710114	2	11.629	371626	25.0
Furfural	11.837	2.3	ug/L	34389	2	11.629	371626	25.0
1-Hexanol	12.014	6.8	ug/L	101899	2	11.629	371626	25.0
Heptanal	12.337	2.5	ug/L	37101	2	11.629	371626	25.0
2-Heptanone, 6-...	12.928	2.6	ug/L	19199	3	13.556	181453	25.0
Furan, 2-pentyl-	13.038	1.7	ug/L	12362	3	13.556	181453	25.0
2-Heptenal, (E)-	13.092	2.9	ug/L	21129	3	13.556	181453	25.0
unknown-01	13.147	4.2	ug/L	30137	3	13.556	181453	25.0
3-Octanone	13.208	12.4	ug/L	90399	3	13.556	181453	25.0
unknown-02	13.281	5.2	ug/L	37491	3	13.556	181453	25.0
Octanal	13.391	4.8	ug/L	35063	3	13.556	181453	25.0
D-Limonene	13.464	6.8	ug/L	49414	3	13.556	181453	25.0
2-Octenal, (E)-	14.068	5.0	ug/L	36434	3	13.556	181453	25.0
Nonanal	14.318	2.6	ug/L	19004	3	13.556	181453	25.0