LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030034.D
Acq On : 27 Aug 2024 11:02
Operator : SY/MD
Sample : P3721-07
Misc : 6.12g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

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: VW030034.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	69	78	93	rBV	74636	181393	15.99%	1.782%
2	2.503	97	101	111	rVV	3302	8034	0.71%	0.079%
3	2.783	144	147	150	rBV5	1280	2344	0.21%	0.023%
4	2.899	157	166	184	rBV	48048	141463	12.47%	1.389%
5	3.308	226	233	238	rBV4	2922	6780	0.60%	0.067%
6	3.393	239	247	257	rVV2	40208	93402	8.23%	0.917%
7	3.716	295	300	302	rBV3	733	1234	0.11%	0.012%
8	3.856	319	323	326	rBV3	499	887	0.08%	0.009%
9	4.015	337	349	362	rBV2	131539	432914	38.16%	4.252%
10	4.137	362	369	381	rVB	40258	126356	11.14%	1.241%
11	4.277	386	392	401	rVB2	4400	12712	1.12%	0.125%
12	4.673	452	457	458	rBV2	558	765	0.07%	0.008%
13	4.911	484	496	513	rBV2	17624	66186	5.83%	0.650%
14	5.795	631	641	650	rBV5	935	3069	0.27%	0.030%
15	5.941	656	665	675	rVB5	3238	9968	0.88%	0.098%
16	6.118	692	694	705	rVB3	456	1057	0.09%	0.010%
17	6.447	744	748	749	rBV3	681	783	0.07%	0.008%
18	6.898	813	822	833	rBV5	2889	9662	0.85%	0.095%
19	7.087	844	853	866	rBV3	29280	111897	9.86%	1.099%
20	7.539	924	927	930	rBV3	303	582	0.05%	0.006%
21	7.648	934	945	959	rBV	188480	467389	41.20%	4.591%
22	7.758	959	963	966	rVV3	483	827	0.07%	0.008%
23	8.270	1036	1047	1063	rBV2	385304	1134425	100.00%	11.142%
24	8.514	1081	1087	1091	rBV6	2594	6276	0.55%	0.062%
25	8.551	1091	1093	1094	rVV2	1948	1862	0.16%	0.018%
26	8.587	1097	1099	1110	rVB5	3013	6341	0.56%	0.062%
27	8.703	1110	1118	1128	rBV2	14240	34022	3.00%	0.334%
28	8.837	1131	1140	1157	rVV	474384	938656	82.74%	9.219%
29	9.050	1166	1175	1184	rBV6	3126	8399	0.74%	0.082%
30	9.270	1200	1211	1222	rBV	260626	524174	46.21%	5.148%
31	9.404	1227	1233	1248	rVV2	28933	66658	5.88%	0.655%
32	9.550	1251	1257	1264	rVB3	2402	5182	0.46%	0.051%
33	10.032	1325	1336	1348	rBV	138726	247319	21.80%	2.429%
34	10.130	1350	1352	1354	rVV3	869	1040	0.09%	0.010%
35	10.148	1354	1355	1362	rVB4	1410	2026	0.18%	0.020%
36	10.319	1373	1383	1390	rBV	532677	960804	84.70%	9.437%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Title : SFAM01.0

37	10.386	1390	1394	1406	rVV	20124	37967	3.35%	0.373%
38	10.501	1408	1413	1418	rBV2	5934	9421	0.83%	0.093%
39	10.575	1418	1425	1439	rVV	82866	145032	12.78%	1.424%
40	10.703	1440	1446	1449	rVV3	6669	13852	1.22%	0.136%
41	10.739	1449	1452	1461	rVB2	11849	20594	1.82%	0.202%
42	10.867	1470	1473	1475	rVB3	622	646	0.06%	0.006%
43	10.922	1475	1482	1495	rBV	119817	209206	18.44%	2.055%
44	11.068	1498	1506	1521	rVV	319644	525891	46.36%	5.165%
45	11.209	1524	1529	1534	rVB	4059	6901	0.61%	0.068%
46	11.337	1549	1550	1557	rVB4	348	563	0.05%	0.006%
47	11.416	1559	1563	1567	rBV5	317	554	0.05%	0.005%
48	11.471	1567	1572	1576	rVB5	646	1194	0.11%	0.012%
49	11.568	1580	1588	1591	rBV4	2509	4700	0.41%	0.046%
50	11.629	1591	1598	1608	rVB	588034	994541	87.67%	9.768%
51	11.739	1615	1616	1622	rVB3	849	863	0.08%	0.008%
52	11.843	1625	1633	1647	rBV	12463	26809	2.36%	0.263%
53	11.952	1647	1651	1655	rBV5	1057	1704	0.15%	0.017%
54	12.013	1655	1661	1676	rBV	133835	225128	19.85%	2.211%
55	12.233	1692	1697	1707	rVB2	5705	10227	0.90%	0.100%
56	12.336	1708	1714	1718	rBV2	13002	26917	2.37%	0.264%
57	12.464	1729	1735	1739	rBV	79715	134472	11.85%	1.321%
58	12.507	1739	1742	1749	rVB2	37672	57103	5.03%	0.561%
59	12.599	1751	1757	1765	rVB2	8374	14902	1.31%	0.146%
60	12.690	1765	1772	1784	rBV	163595	311555	27.46%	3.060%
61	12.806	1788	1791	1798	rVB5	1274	2172	0.19%	0.021%
62	12.903	1801	1807	1808	rBV2	2510	3853	0.34%	0.038%
63	12.934	1808	1812	1821	rVB6	4617	10028	0.88%	0.098%
64	13.038	1824	1829	1832	rBV	6804	9913	0.87%	0.097%
65	13.086	1832	1837	1843	rBV4	7151	14271	1.26%	0.140%
66	13.153	1843	1848	1852	rBV	18488	28489	2.51%	0.280%
67	13.208	1852	1857	1862	rVV	21052	31368	2.77%	0.308%
68	13.269	1863	1867	1875	rVB4	13471	26553	2.34%	0.261%
69	13.391	1878	1887	1893	rBV	20629	35130	3.10%	0.345%
70	13.464	1893	1899	1907	rBV2	105154	177924	15.68%	1.748%
71	13.550	1907	1913	1926	rBV	437718	716252	63.14%	7.035%
72	13.848	1955	1962	1979	rBV	272807	480408	42.35%	4.718%
73	14.007	1982	1988	1993	rBV5	13931	29301	2.58%	0.288%
74	14.068	1993	1998	2007	rVB3	26317	45736	4.03%	0.449%
75	14.214	2019	2022	2029	rVB5	1287	1758	0.15%	0.017%
76	14.318	2032	2039	2046	rBV	21894	35247	3.11%	0.346%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SFAM01.0

77	14.476	2057	2065	2070	rBV9	3038	7285	0.64%	0.072%
78	14.617	2084	2088	2093	rBV5	2146	3443	0.30%	0.034%
79	14.684	2093	2099	2111	rVB4	11107	21391	1.89%	0.210%
80	14.793	2111	2117	2122	rBV4	2093	4462	0.39%	0.044%
81	14.860	2123	2128	2137	rVB5	4022	8108	0.71%	0.080%
82	14.946	2137	2142	2146	rBV5	3277	4919	0.43%	0.048%
83	15.062	2158	2161	2163	rBV4	627	840	0.07%	0.008%
84	15.104	2164	2168	2175	rVV7	3620	6955	0.61%	0.068%
85	15.177	2175	2180	2181	rVV4	2521	3639	0.32%	0.036%
86	15.202	2181	2184	2187	rVV3	3924	5895	0.52%	0.058%
87	15.244	2187	2191	2196	rVV3	8015	12980	1.14%	0.127%
88	15.293	2196	2199	2205	rVB8	998	1557	0.14%	0.015%
89	15.379	2210	2213	2217	rBV5	961	1546	0.14%	0.015%
90	15.476	2227	2229	2233	rVV3	806	1054	0.09%	0.010%
91	15.519	2235	2236	2240	rVB4	722	537	0.05%	0.005%
92	15.714	2266	2268	2272	rVB3	1165	1487	0.13%	0.015%
93	15.750	2272	2274	2279	rVB4	391	643	0.06%	0.006%
94	15.842	2279	2289	2298	rBV3	15532	30085	2.65%	0.295%
95	15.958	2301	2308	2314	rVV3	4241	9629	0.85%	0.095%
96	16.025	2316	2319	2325	rVV7	2556	5159	0.45%	0.051%
97	16.086	2325	2329	2333	rVB4	1103	1768	0.16%	0.017%
98	16.202	2345	2348	2352	rVB5	476	670	0.06%	0.007%
99	16.476	2391	2393	2398	rVB5	417	784	0.07%	0.008%
100	16.695	2427	2429	2432	rBV3	400	534	0.05%	0.005%

Sum of corrected areas: 10181403

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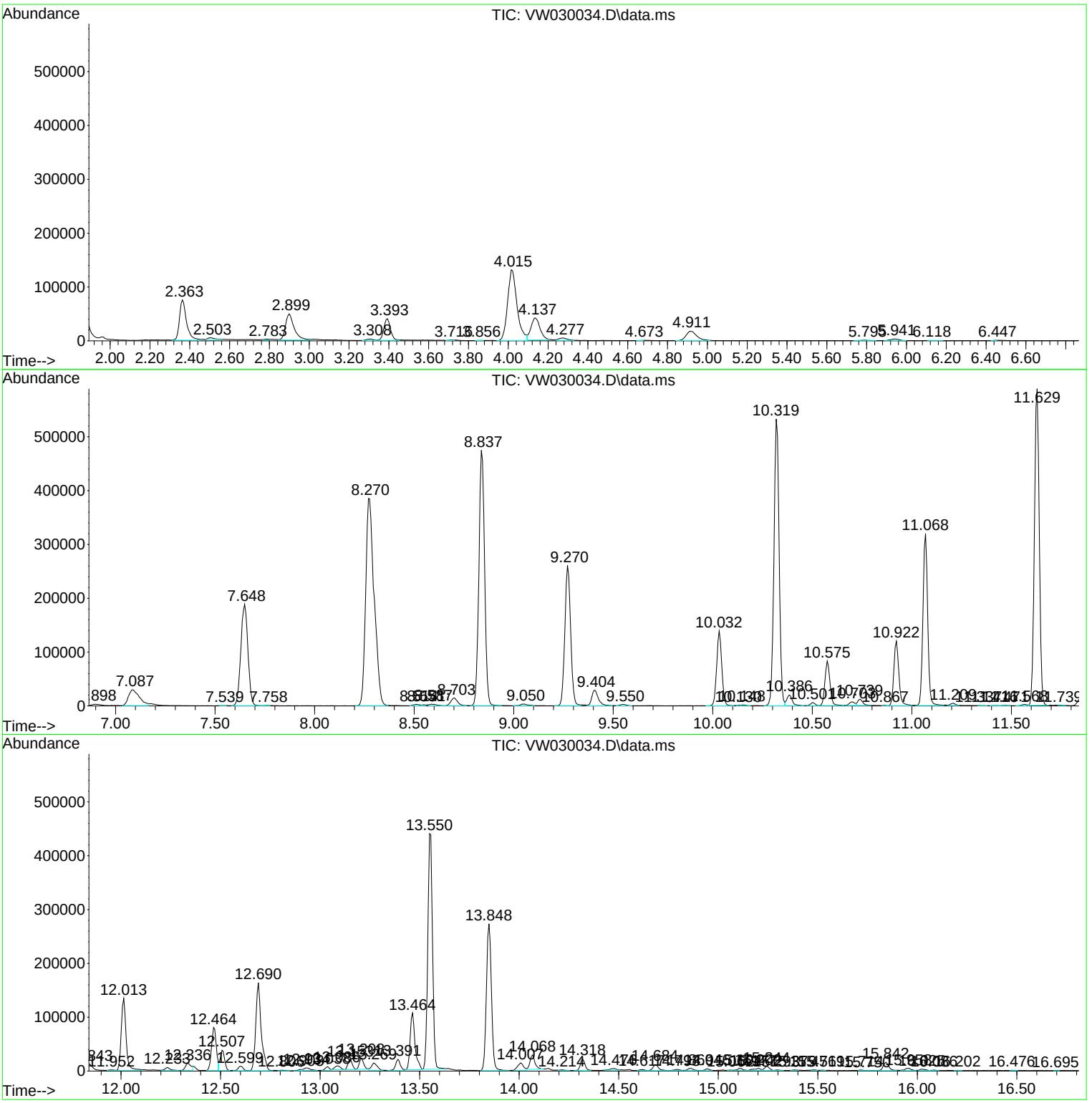
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

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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Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

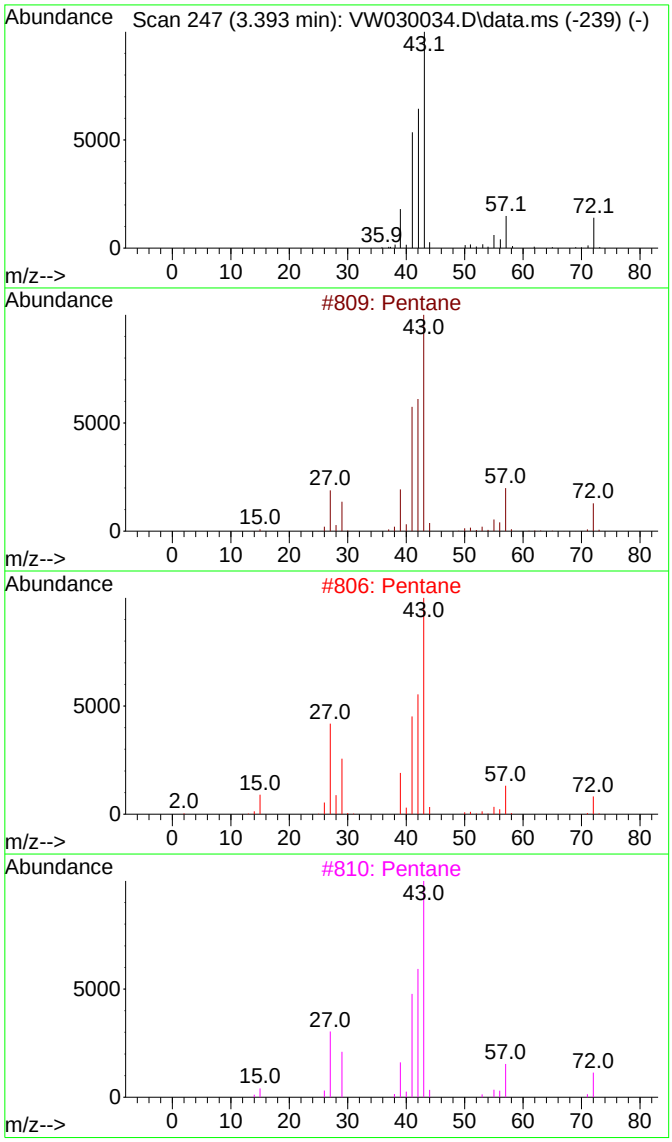
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

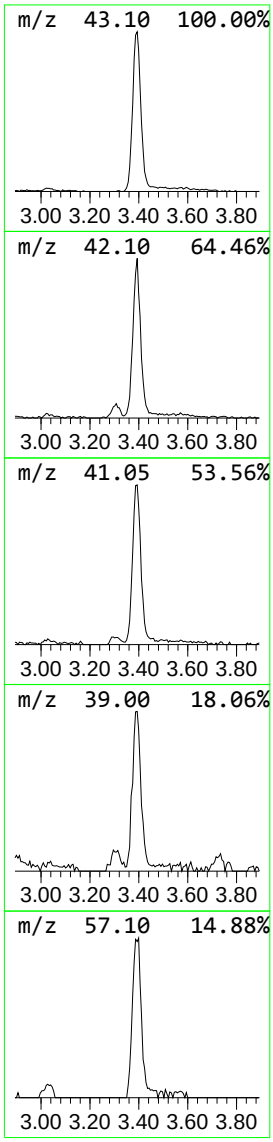
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.49 ug/L	93402	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	78
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030034.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

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

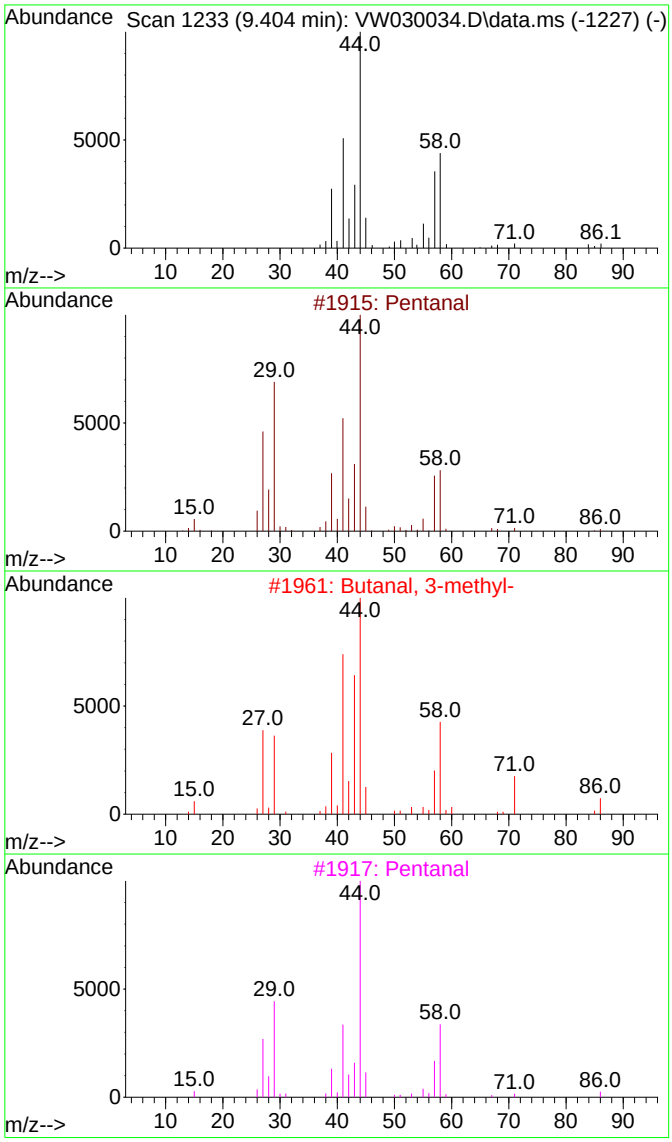
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

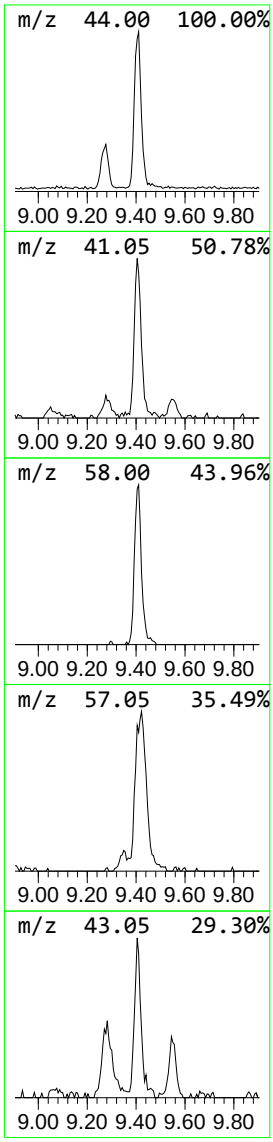
****

Peak Number 2 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	1.78 ug/L	66658	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3	Pentanal	86	C5H10O	000110-62-3	83
4	Pentanal	86	C5H10O	000110-62-3	78
5	Pentanal	86	C5H10O	000110-62-3	64





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

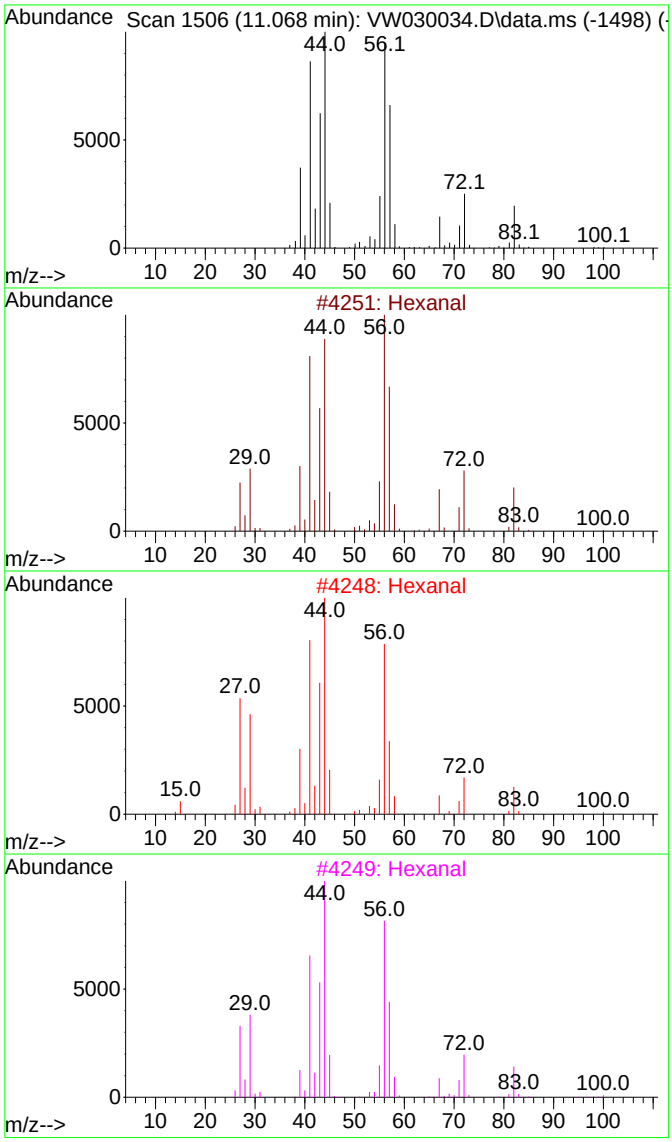
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

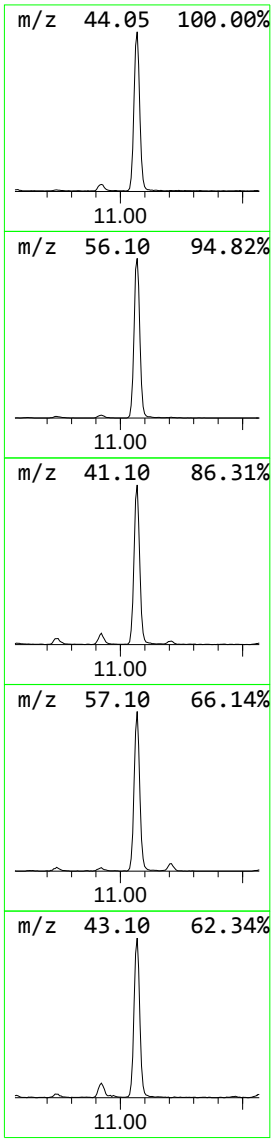
****

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	13.22 ug/L	525891	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	91
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	64





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

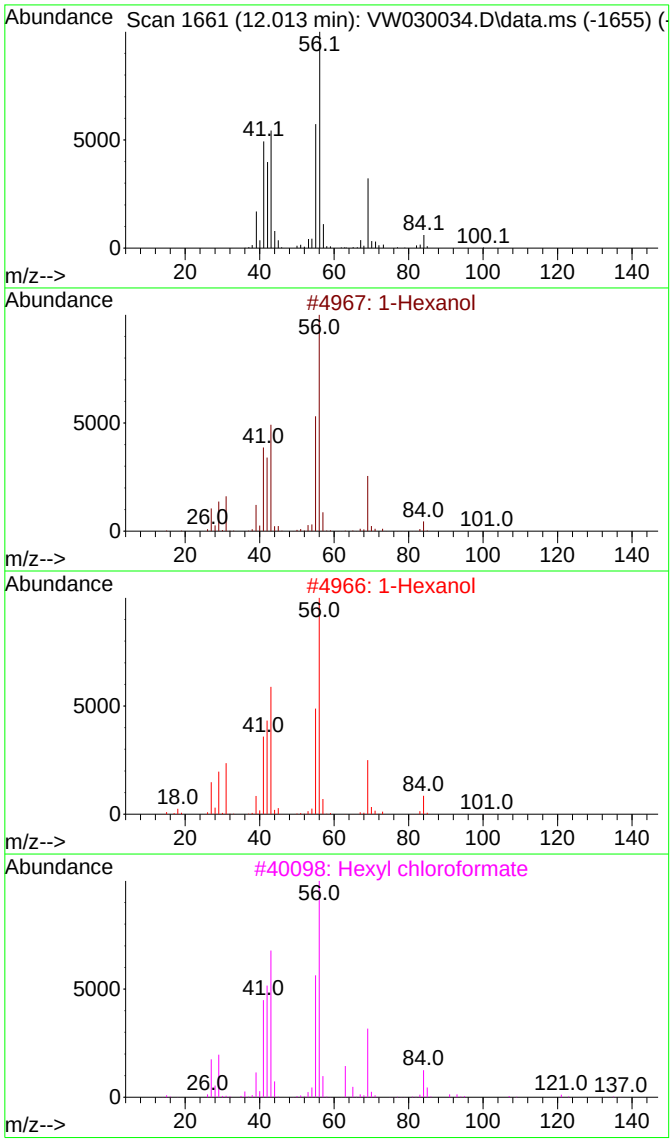
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

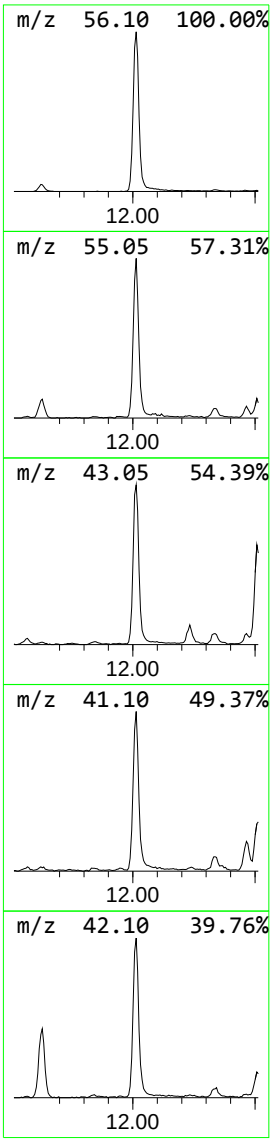
****

Peak Number 5 1-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.013	5.66 ug/L	225128	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	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

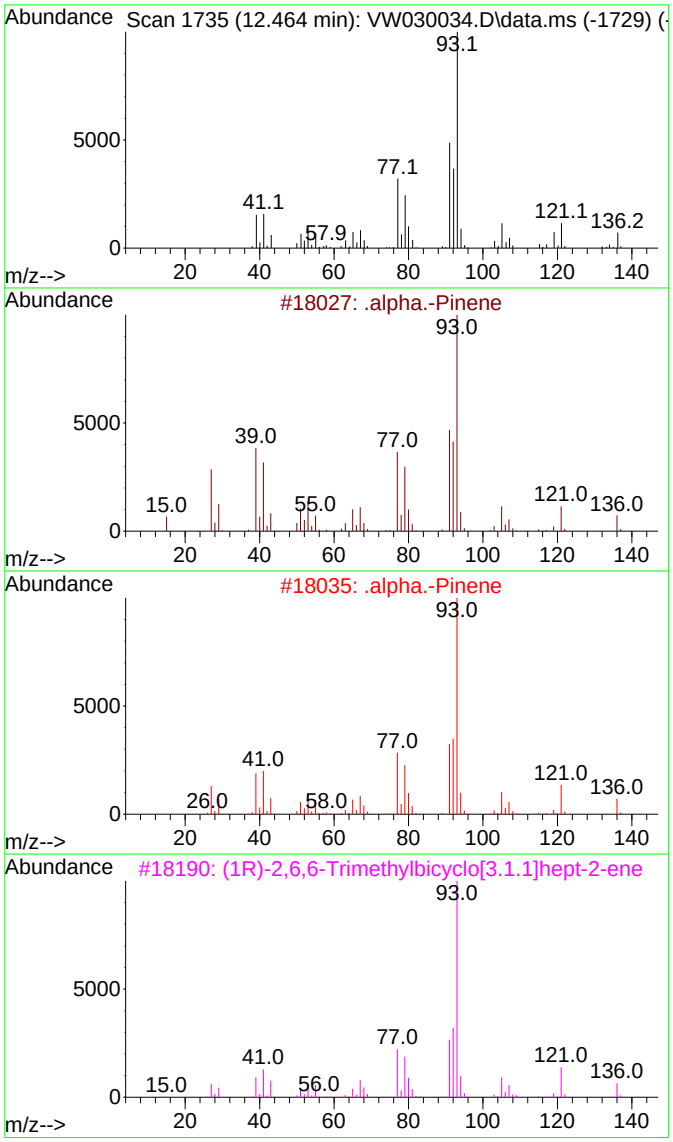
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

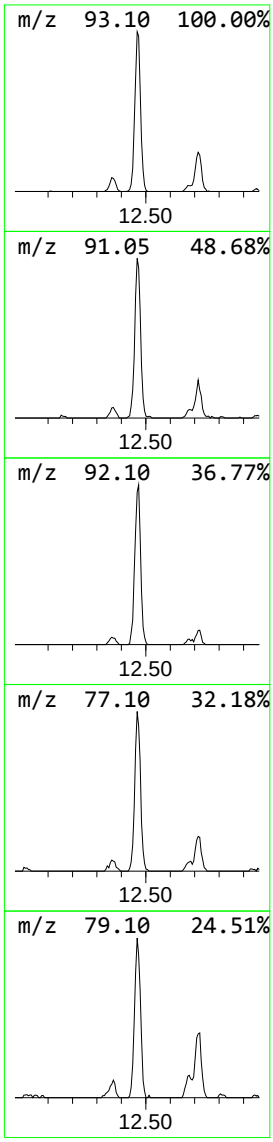
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	3.38 ug/L	134472	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030034.D
Acq On : 27 Aug 2024 11:02
Operator : SY/MD
Sample : P3721-07
Misc : 6.12g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

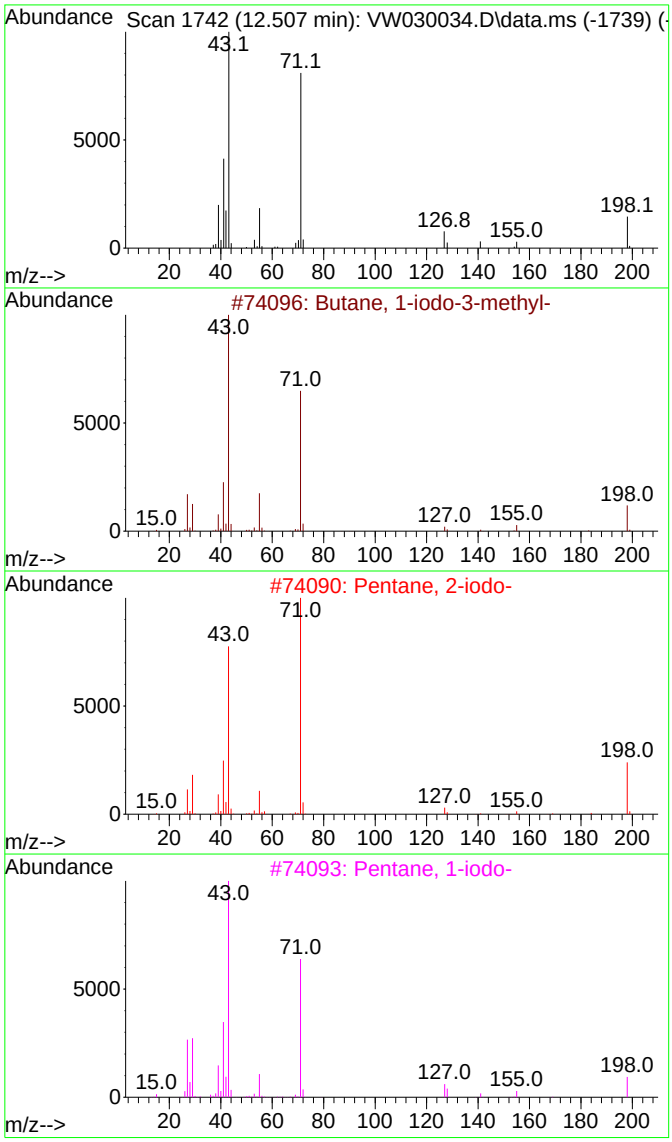
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

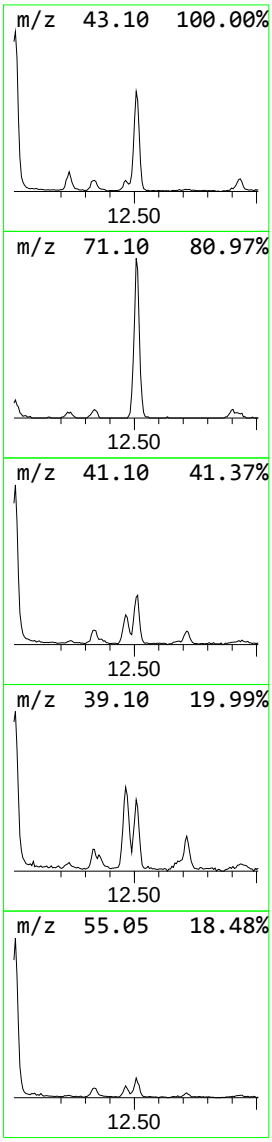
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butane, 1-iodo-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	1.44 ug/L	57103	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-iodo-3-methyl-	198	C5H11I	000541-28-6	78
2	Pentane, 2-iodo-	198	C5H11I	000637-97-8	72
3	Pentane, 1-iodo-	198	C5H11I	000628-17-1	72
4	Pentane, 1-iodo-	198	C5H11I	000628-17-1	64
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030034.D
Acq On : 27 Aug 2024 11:02
Operator : SY/MD
Sample : P3721-07
Misc : 6.12g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

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

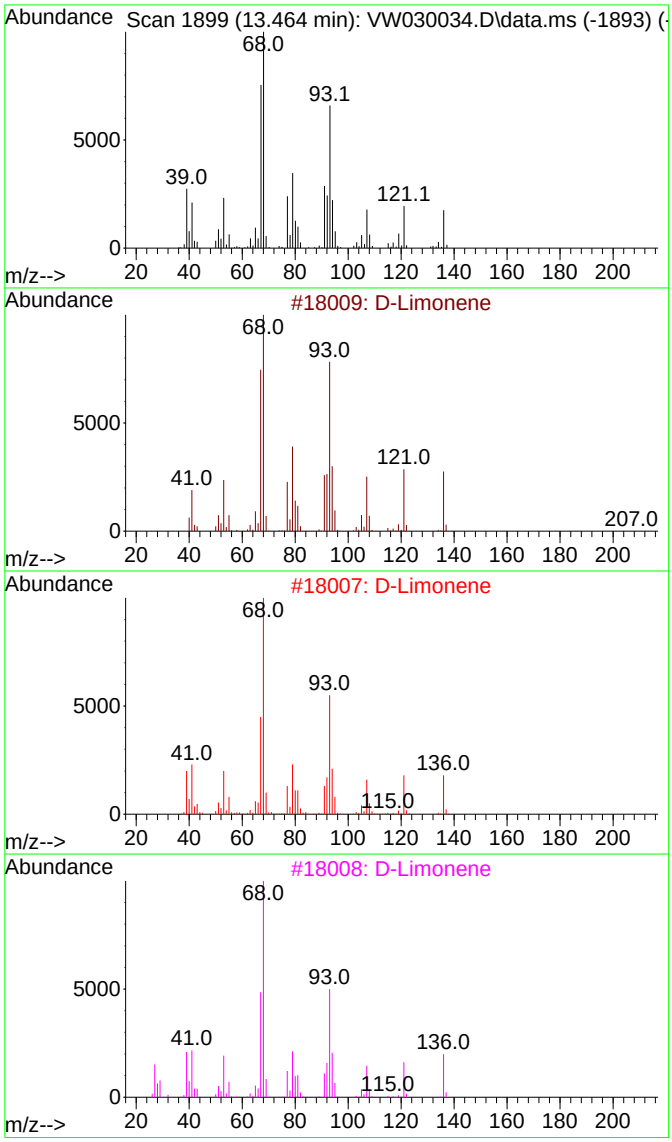
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

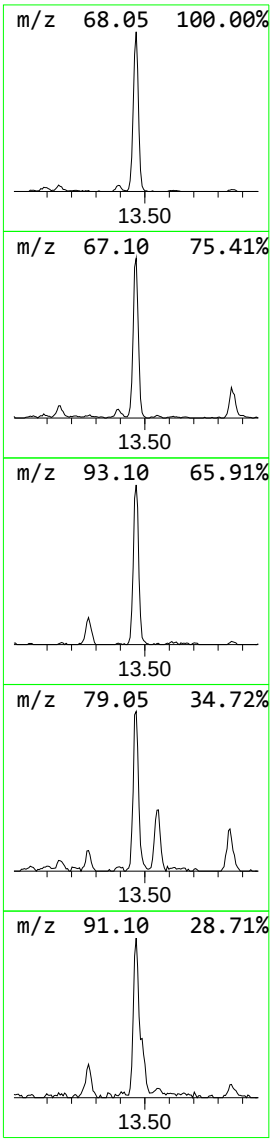
****

Peak Number 8 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	6.21 ug/L	177924	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	94
3	D-Limonene	136	C10H16	005989-27-5	94
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 : VW030034.D
Acq On : 27 Aug 2024 11:02
Operator : SY/MD
Sample : P3721-07
Misc : 6.12g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

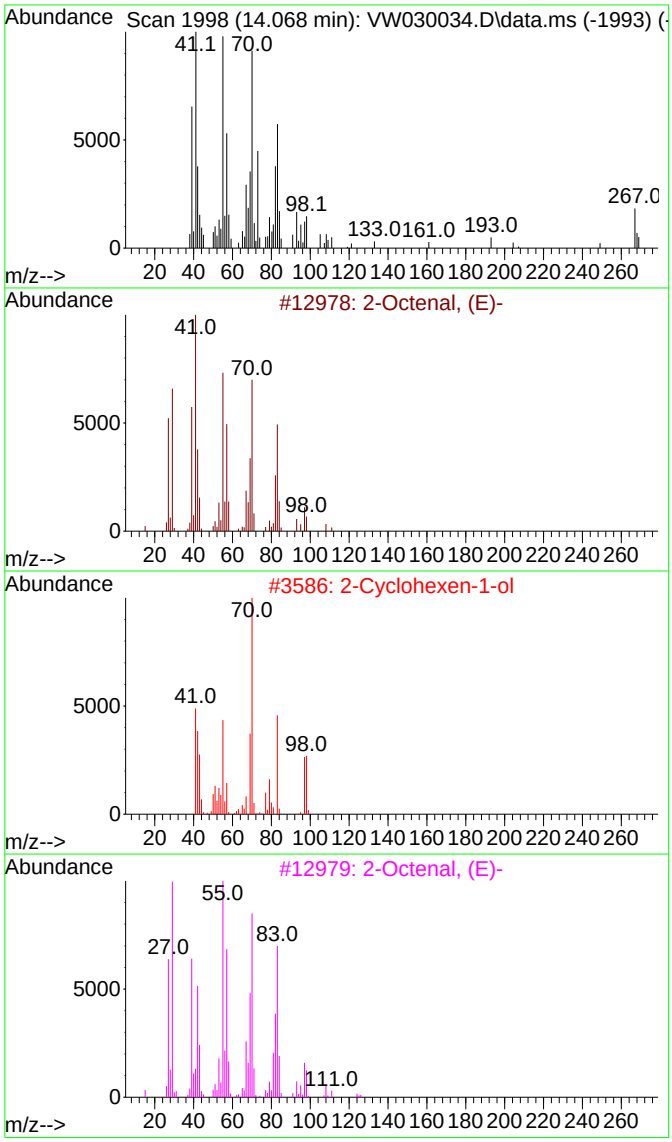
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

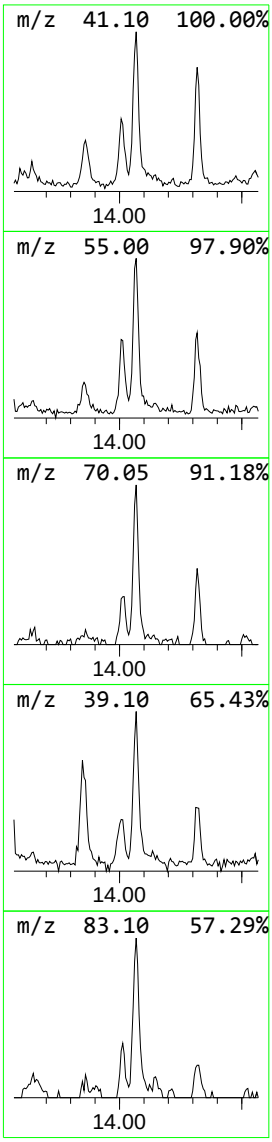
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Octenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	1.60 ug/L	45736	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	74
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	49
4	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	43
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030034.D
Acq On : 27 Aug 2024 11:02
Operator : SY/MD
Sample : P3721-07
Misc : 6.12g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0

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	2.5	ug/L	93402	1	8.837	938656	25.0
Pentanal	9.404	1.8	ug/L	66658	1	8.837	938656	25.0
Hexanal	11.068	13.2	ug/L	525891	2	11.629	994541	25.0
1-Hexanol	12.013	5.7	ug/L	225128	2	11.629	994541	25.0
.alpha.-Pinene	12.464	3.4	ug/L	134472	2	11.629	994541	25.0
Butane, 1-iodo-...	12.507	1.4	ug/L	57103	2	11.629	994541	25.0
D-Limonene	13.464	6.2	ug/L	177924	3	13.556	716252	25.0
2-Octenal, (E)-	14.068	1.6	ug/L	45736	3	13.556	716252	25.0