LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

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: VW030100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.973	9	14	39	rVB3	87707	310972	39.91%	2.663%
2	2.180	42	48	67	rBV	149318	295234	37.89%	2.529%
3	2.357	69	77	91	rBV2	194921	431858	55.43%	3.699%
4	2.576	108	113	118	rVB8	2335	4434	0.57%	0.038%
5	2.899	158	166	179	rBV2	33113	97772	12.55%	0.837%
6	3.027	179	187	201	rBV	89140	212041	27.22%	1.816%
7	3.393	238	247	265	rBV	125223	312344	40.09%	2.675%
8	3.582	276	278	289	rVB6	4536	9646	1.24%	0.083%
9	3.856	315	323	331	rVB6	4157	11922	1.53%	0.102%
10	4.021	340	350	361	rBV	79448	261789	33.60%	2.242%
11	4.119	361	366	380	rVB2	20194	59022	7.58%	0.506%
12	4.393	401	411	425	rBV3	7418	24835	3.19%	0.213%
13	4.960	483	504	524	rBV8	41668	230385	29.57%	1.973%
14	5.441	570	583	596	rBV2	18012	65241	8.37%	0.559%
15	5.941	651	665	682	rBV3	100464	302053	38.77%	2.587%
16	6.728	782	794	801	rBV6	1690	5016	0.64%	0.043%
17	6.874	806	818	822	rBV4	2617	7497	0.96%	0.064%
18	6.984	825	836	844	rBV2	37577	110756	14.22%	0.949%
19	7.075	844	851	858	rBV	25443	66066	8.48%	0.566%
20	7.648	935	945	961	rVB	136670	345415	44.33%	2.958%
21	7.923	976	990	1002	rBV4	28203	92422	11.86%	0.792%
22	8.032	1002	1008	1016	rVB2	8245	20703	2.66%	0.177%
23	8.154	1019	1028	1035	rBV2	29315	67374	8.65%	0.577%
24	8.276	1035	1048	1051	rVV	271798	644615	82.74%	5.521%
25	8.319	1051	1055	1065	rVV3	339579	779112	100.00%	6.673%
26	8.435	1066	1074	1080	rVV5	16552	44919	5.77%	0.385%
27	8.508	1080	1086	1091	rVV4	15567	36673	4.71%	0.314%
28	8.569	1091	1096	1107	rVV2	20364	46429	5.96%	0.398%
29	8.691	1109	1116	1127	rVB	131411	263412	33.81%	2.256%
30	8.843	1132	1141	1154	rBV	300696	616960	79.19%	5.284%
31	9.270	1202	1211	1218	rBV	186941	413318	53.05%	3.540%
32	9.331	1218	1221	1228	rVB2	31698	58896	7.56%	0.504%
33	9.514	1244	1251	1259	rBV2	23418	44624	5.73%	0.382%
34	9.605	1259	1266	1272	rBV3	10277	20636	2.65%	0.177%
35	9.752	1284	1290	1296	rVB4	8377	16491	2.12%	0.141%
36	9.849	1301	1306	1310	rBV5	3162	5563	0.71%	0.048%

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Instrument :
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A44A5

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	9.898	1310	1314	1317	rBV3	3261	4949	0.64%	0.042%
38	9.953	1317	1323	1331	rVV2	34212	74241	9.53%	0.636%
39	10.032	1331	1336	1342	rVV	92977	164875	21.16%	1.412%
40	10.093	1342	1346	1359	rVB2	20515	44043	5.65%	0.377%
41	10.203	1359	1364	1368	rBV4	3366	7643	0.98%	0.065%
42	10.239	1368	1370	1376	rVB3	4258	6118	0.79%	0.052%
43	10.319	1376	1383	1389	rBV	334945	610496	78.36%	5.229%
44	10.386	1389	1394	1401	rVV	276433	473496	60.77%	4.055%
45	10.441	1401	1403	1406	rVV3	10352	14125	1.81%	0.121%
46	10.502	1406	1413	1420	rVB	122780	217938	27.97%	1.867%
47	10.575	1420	1425	1435	rBV	56228	99851	12.82%	0.855%
48	10.660	1435	1439	1442	rVV3	5408	8059	1.03%	0.069%
49	10.697	1442	1445	1450	rVB3	7372	11853	1.52%	0.102%
50	10.745	1450	1453	1461	rVB7	5994	13578	1.74%	0.116%
51	10.855	1464	1471	1477	rBV3	22053	43223	5.55%	0.370%
52	10.922	1477	1482	1490	rBV	105395	179126	22.99%	1.534%
53	11.099	1506	1511	1516	rBV4	9585	15949	2.05%	0.137%
54	11.172	1520	1523	1527	rBV2	7910	11175	1.43%	0.096%
55	11.227	1527	1532	1538	rVB2	11569	23086	2.96%	0.198%
56	11.331	1545	1549	1554	rVB3	6512	10350	1.33%	0.089%
57	11.410	1554	1562	1573	rVB2	14271	34566	4.44%	0.296%
58	11.507	1573	1578	1583	rBV	14330	24913	3.20%	0.213%
59	11.556	1583	1586	1591	rVB7	2319	3655	0.47%	0.031%
60	11.629	1591	1598	1608	rBV	327355	555422	71.29%	4.757%
61	11.727	1608	1614	1622	rBV	78788	131255	16.85%	1.124%
62	11.837	1622	1632	1640	rBV2	114452	219729	28.20%	1.882%
63	11.965	1650	1653	1659	rVB6	2339	3849	0.49%	0.033%
64	12.160	1675	1685	1693	rBV	40068	87756	11.26%	0.752%
65	12.251	1696	1700	1703	rVV2	6065	9292	1.19%	0.080%
66	12.337	1710	1714	1716	rVV5	8219	13693	1.76%	0.117%
67	12.373	1716	1720	1724	rVV5	8811	19358	2.48%	0.166%
68	12.410	1724	1726	1730	rVV5	3452	5589	0.72%	0.048%
69	12.459	1730	1734	1739	rVV	10251	18674	2.40%	0.160%
70	12.532	1745	1746	1749	rVV2	3988	5457	0.70%	0.047%
71	12.599	1751	1757	1764	rVV2	448254	714661	91.73%	6.121%
72	12.690	1766	1772	1778	rVB	142259	234370	30.08%	2.007%
73	12.800	1782	1790	1794	rBV	12695	24813	3.18%	0.213%
74	12.861	1794	1800	1804	rBV	22022	39066	5.01%	0.335%
75	12.928	1804	1811	1818	rVB4	32270	71716	9.20%	0.614%
76	13.099	1831	1839	1845	rBV	13378	24998	3.21%	0.214%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A44A5

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	13.160	1845	1849	1858	rVB8	3574	7142	0.92%	0.061%
78	13.245	1858	1863	1875	rBV2	17665	39263	5.04%	0.336%
79	13.379	1879	1885	1888	rBV4	2453	4335	0.56%	0.037%
80	13.434	1889	1894	1899	rBV6	5933	10145	1.30%	0.087%
81	13.489	1899	1903	1907	rBV5	3762	5913	0.76%	0.051%
82	13.556	1907	1914	1923	rVB	177806	310747	39.88%	2.661%
83	13.641	1924	1928	1935	rVB6	4970	7665	0.98%	0.066%
84	13.720	1935	1941	1942	rBV4	2870	4994	0.64%	0.043%
85	13.751	1942	1946	1950	rBV2	11688	19892	2.55%	0.170%
86	13.849	1955	1962	1970	rVV	151690	272698	35.00%	2.336%
87	13.946	1974	1978	1983	rVB	3420	5290	0.68%	0.045%
88	14.062	1989	1997	2006	rVV2	140014	242785	31.16%	2.079%
89	14.147	2009	2011	2015	rVV5	3785	6211	0.80%	0.053%
90	14.202	2015	2020	2025	rVB2	15947	27333	3.51%	0.234%
91	14.330	2036	2041	2046	rBV7	3190	7188	0.92%	0.062%
92	14.495	2064	2068	2071	rVV3	2758	3727	0.48%	0.032%
93	14.629	2083	2090	2095	rBV7	2834	4727	0.61%	0.040%
94	14.714	2095	2104	2108	rBV10	6536	16219	2.08%	0.139%
95	14.800	2111	2118	2126	rVB6	4991	11704	1.50%	0.100%
96	14.952	2138	2143	2147	rVB4	2336	3762	0.48%	0.032%
97	15.165	2170	2178	2184	rBV7	3679	9747	1.25%	0.083%
98	15.360	2205	2210	2217	rVB2	7594	13738	1.76%	0.118%
99	15.476	2221	2229	2236	rBV	9317	20893	2.68%	0.179%
100	15.537	2236	2239	2247	rVB8	2972	6117	0.79%	0.052%

Sum of corrected areas: 11675686

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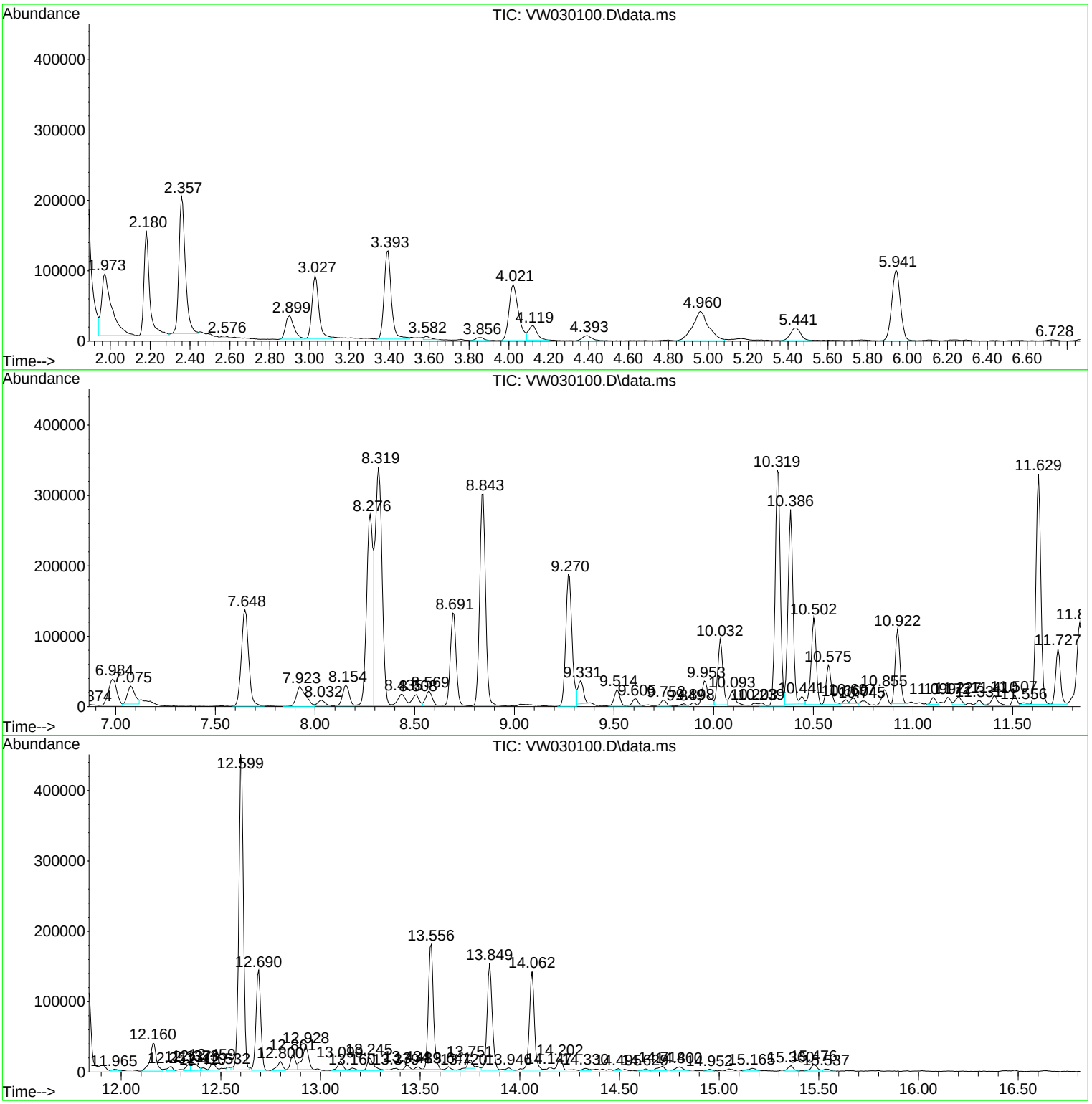
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

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\VW082924\
Data File : VW030100.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

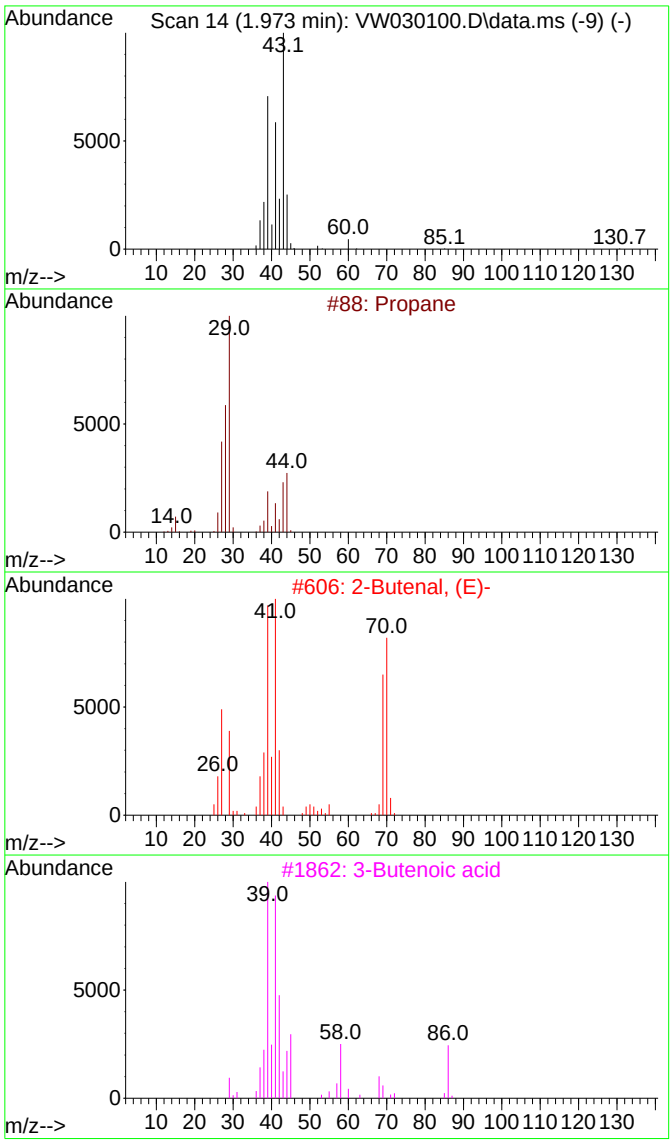
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

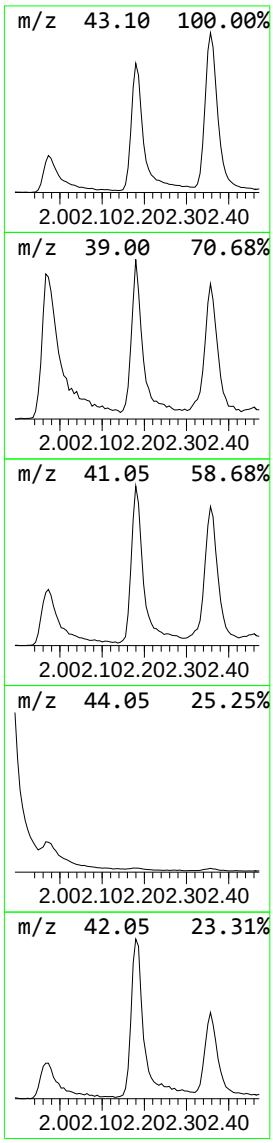
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.973	12.60 ug/L	310972	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	40
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	38
3	3-Butenoic acid	86	C4H6O2	000625-38-7	34
4	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	9
5	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

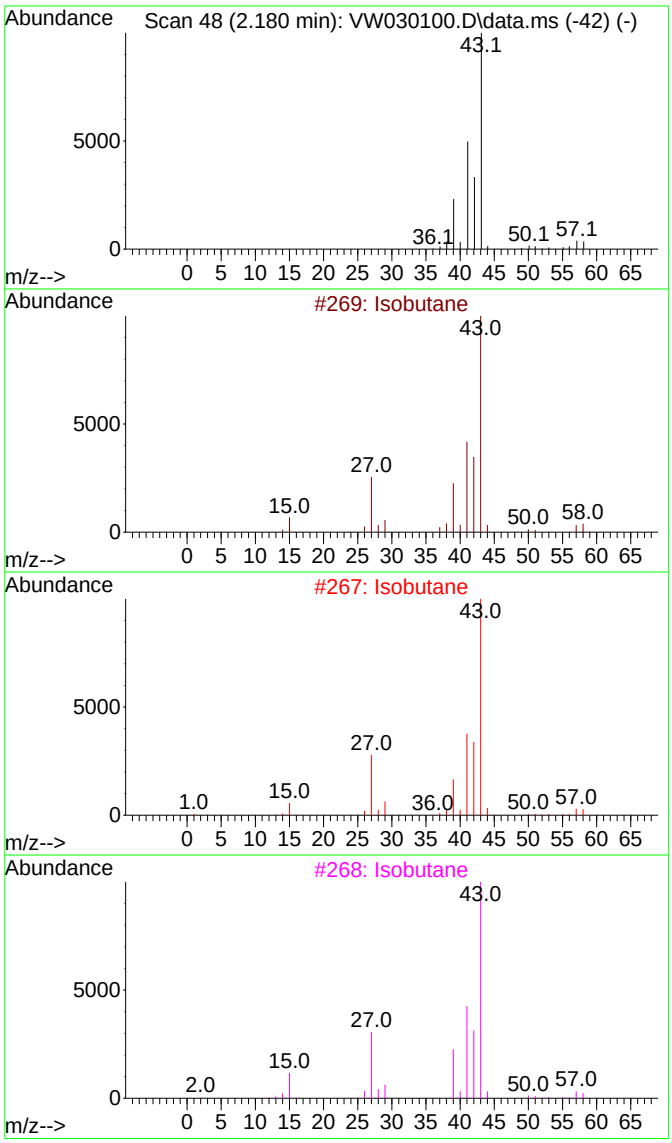
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

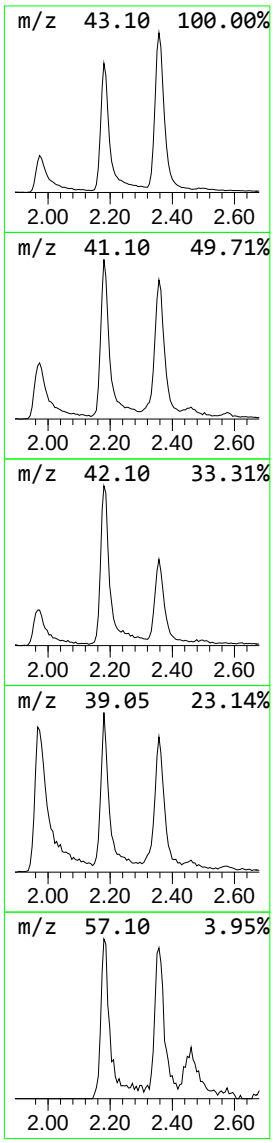
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.180	11.96 ug/L	295234	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
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Instrument :
MSVOA_W
ClientSampleId :
A44A5

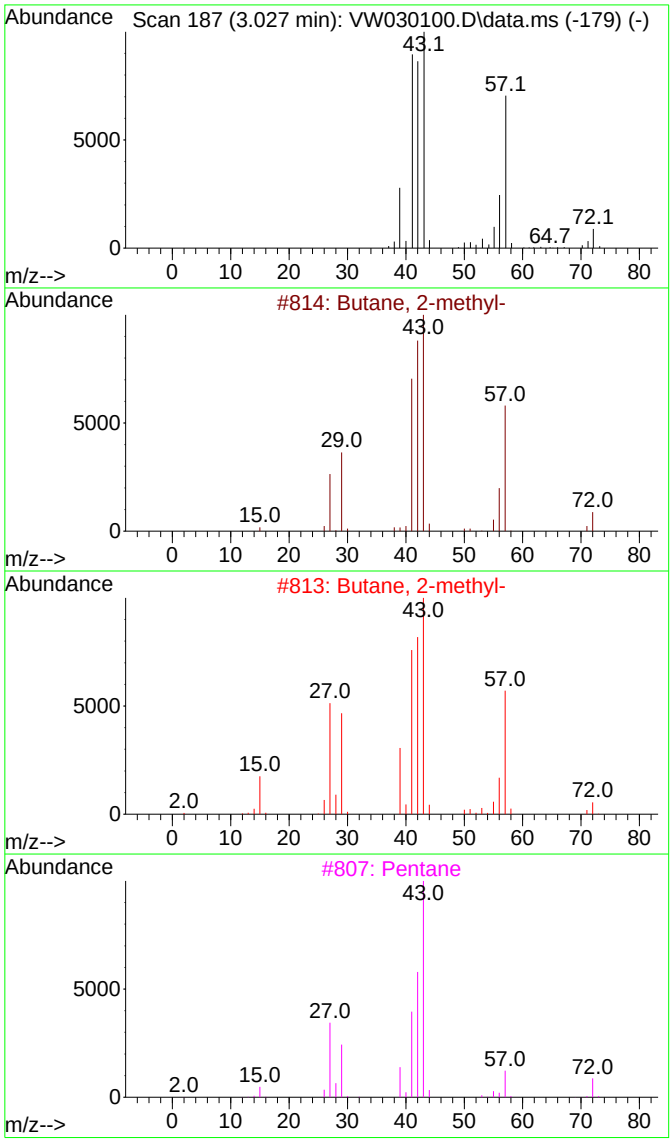
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

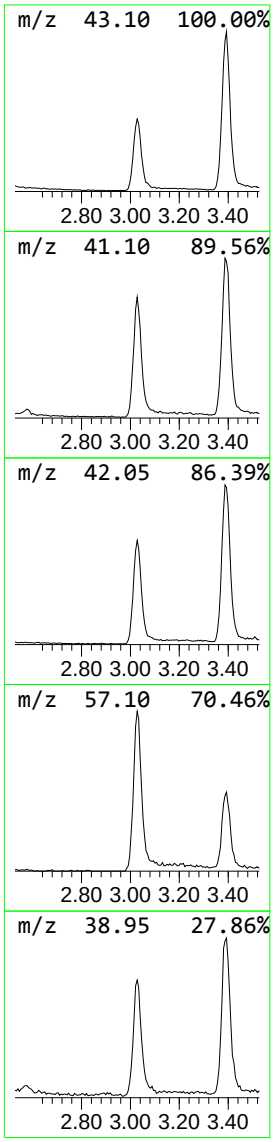
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	8.59 ug/L	212041	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	50
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	45





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

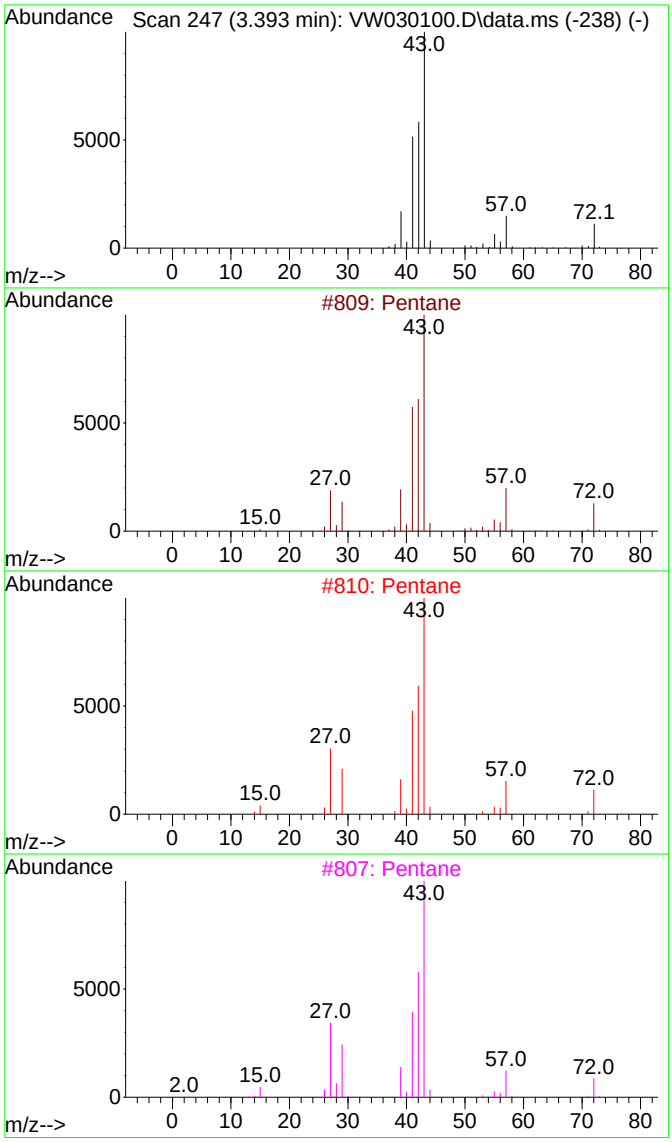
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

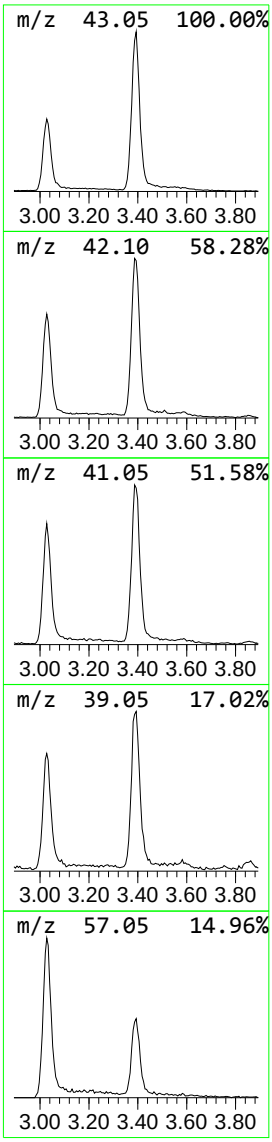
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	12.66 ug/L	312344	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	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

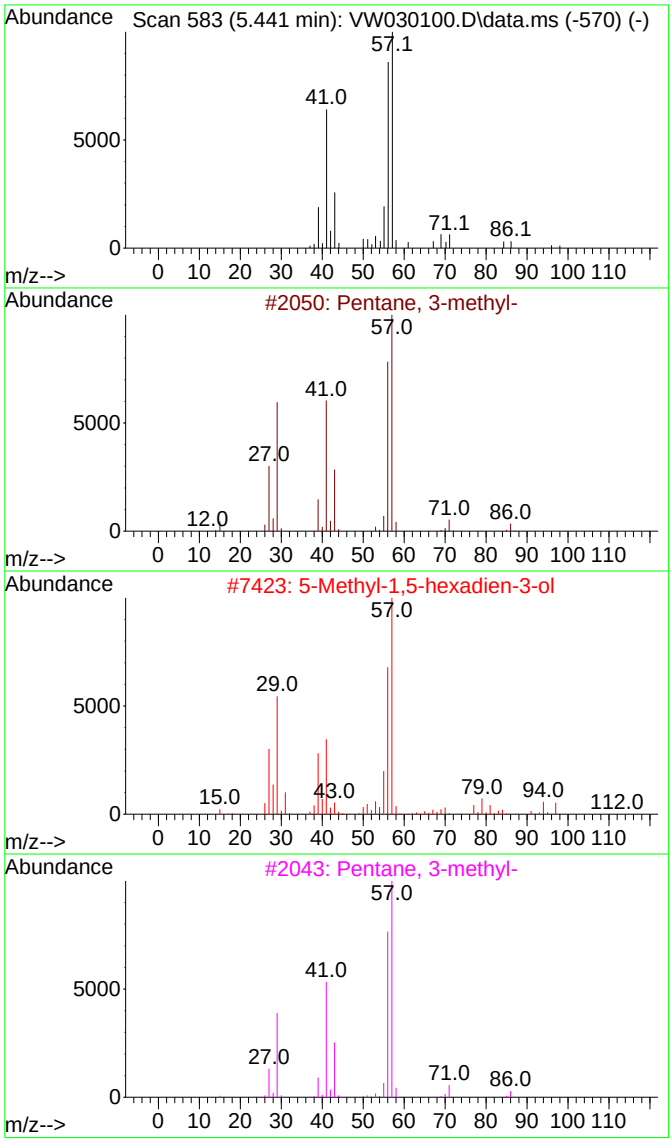
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

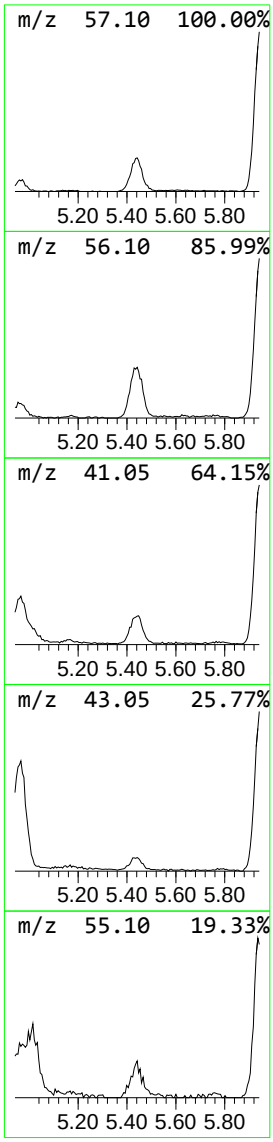
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	2.64 ug/L	65241	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	5-Methyl-1,5-hexadien-3-ol	112	C7H12O	017123-61-4	72
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

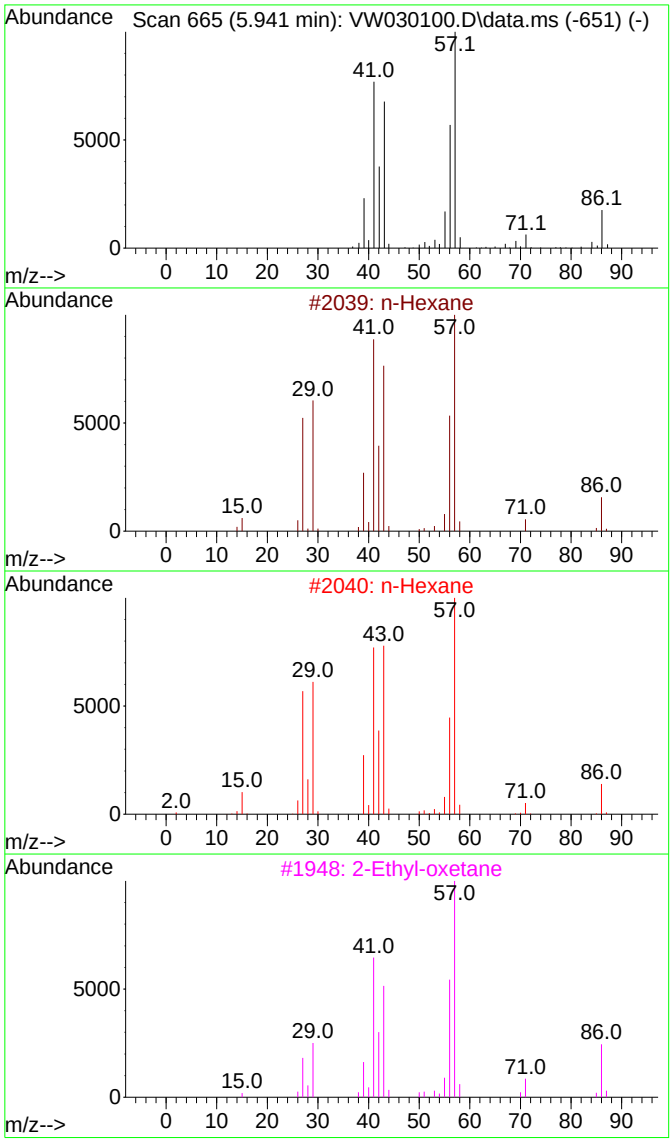
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

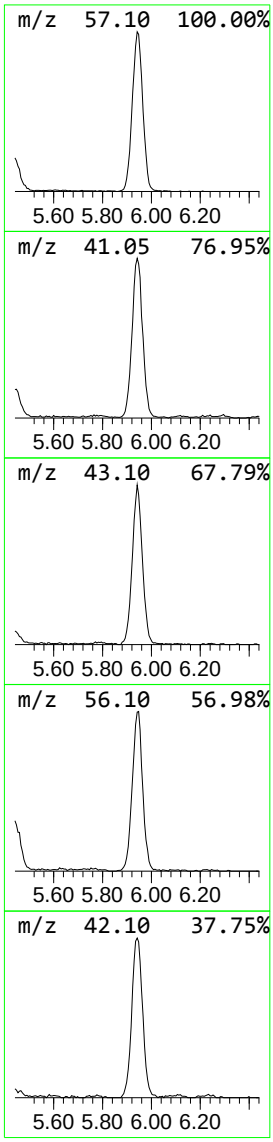
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	12.24 ug/L	302053	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	74
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	59





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Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

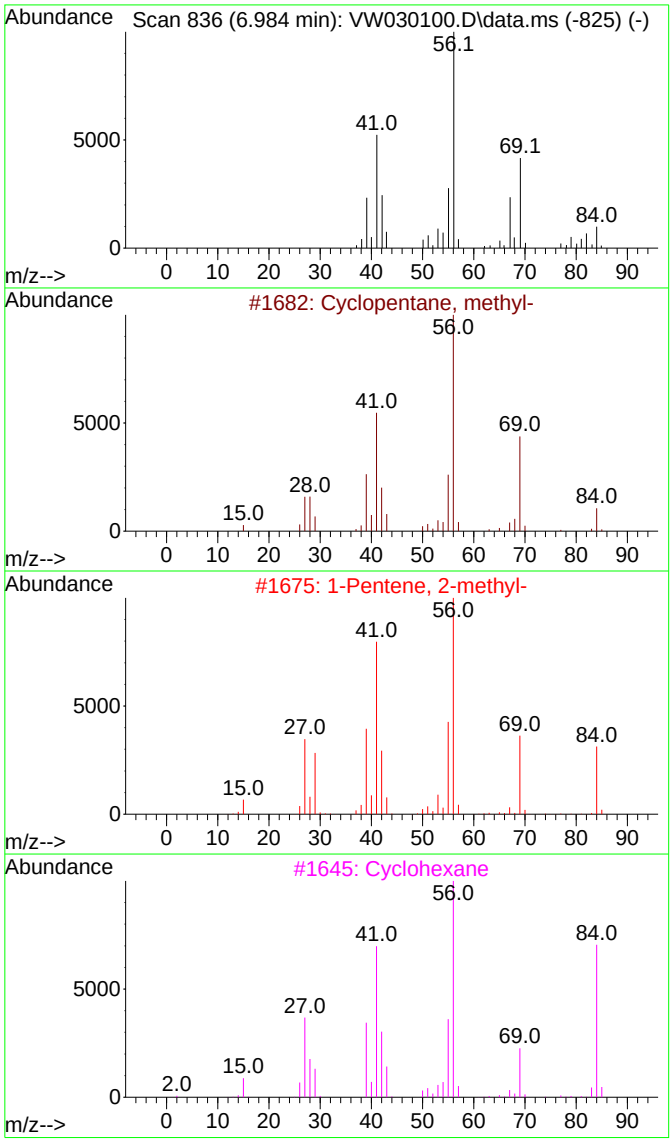
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

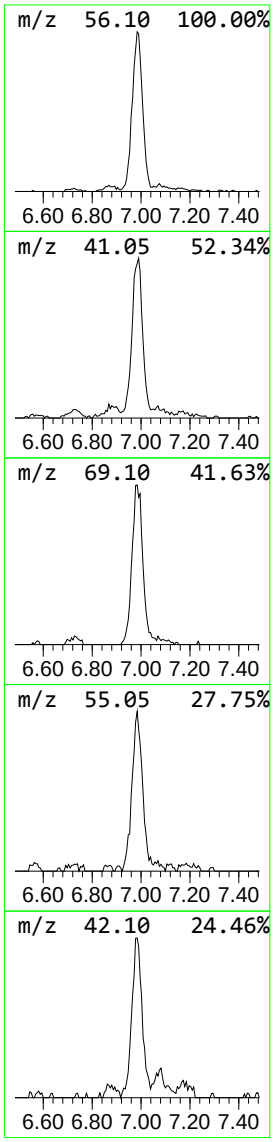
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic6.984 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.984	4.49 ug/L	110756	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





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Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

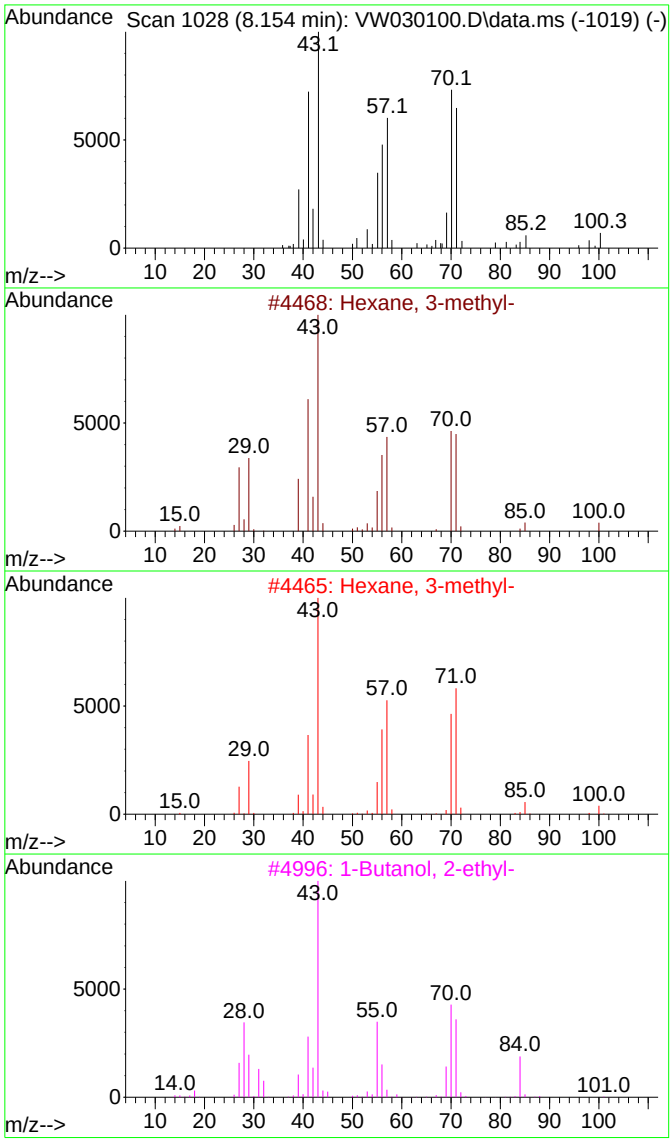
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

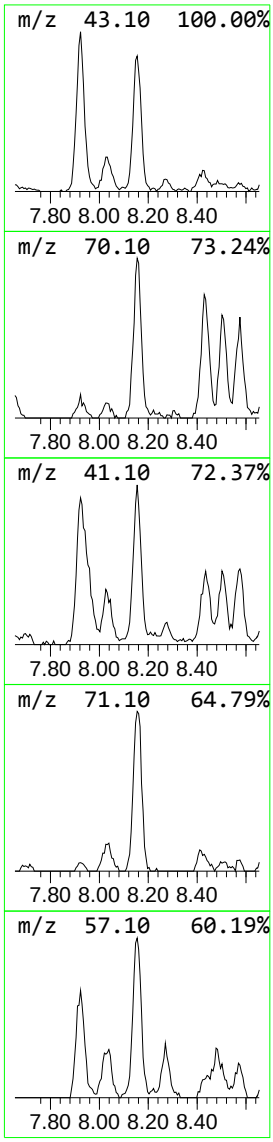
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	2.73 ug/L	67374	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	76
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

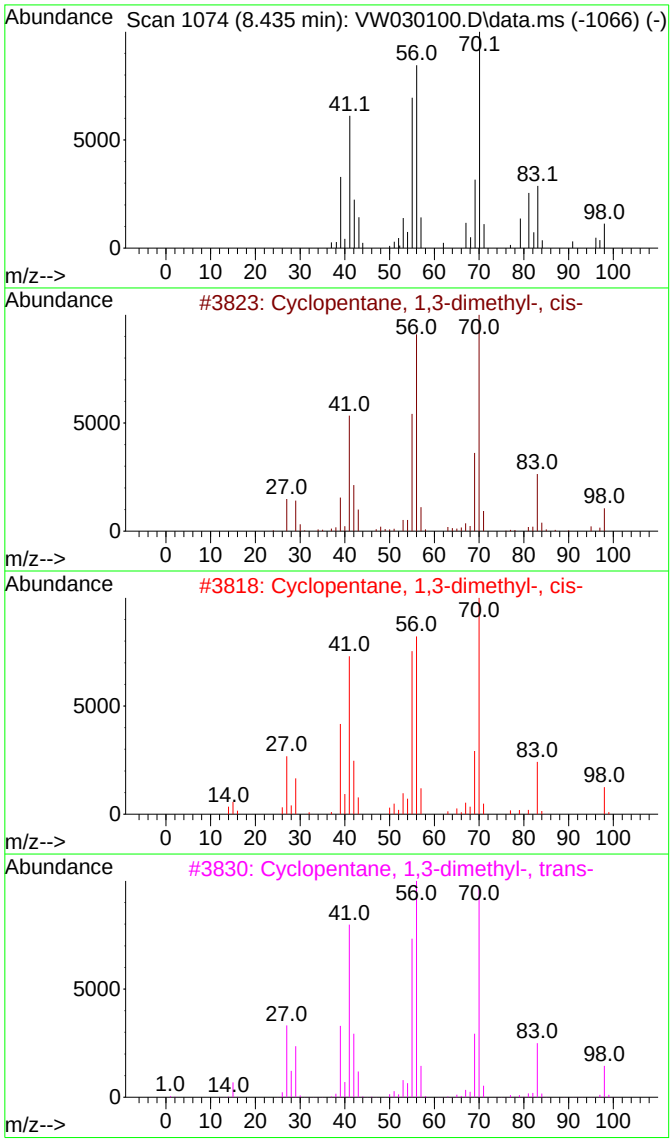
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

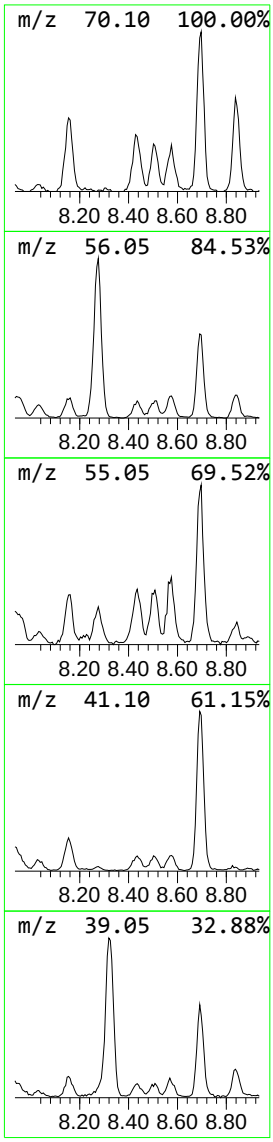
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.435 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.435	1.82 ug/L	44919	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

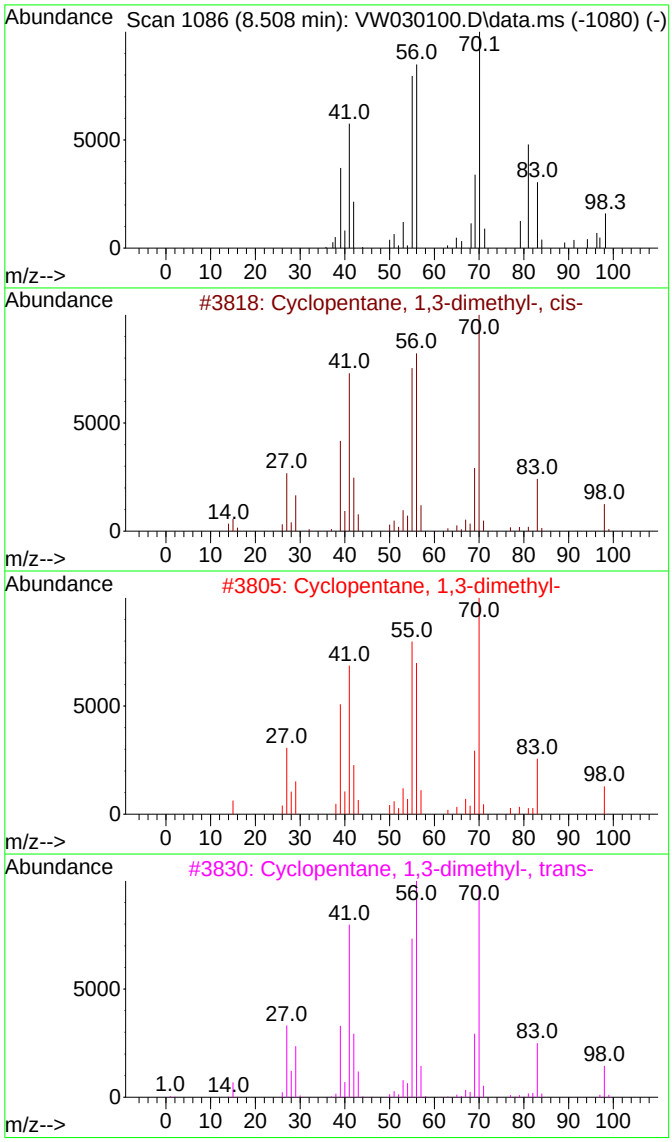
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

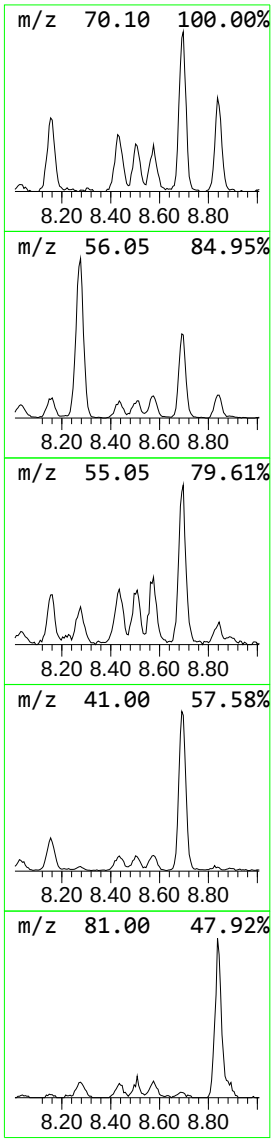
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic8.508 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	1.49 ug/L	36673	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

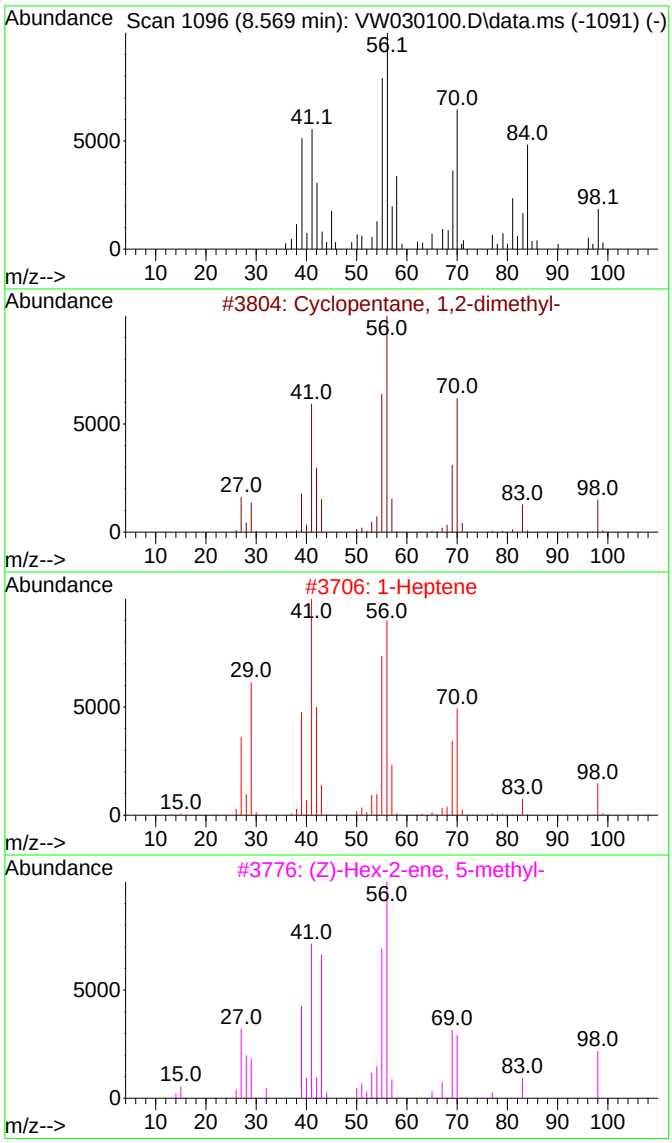
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

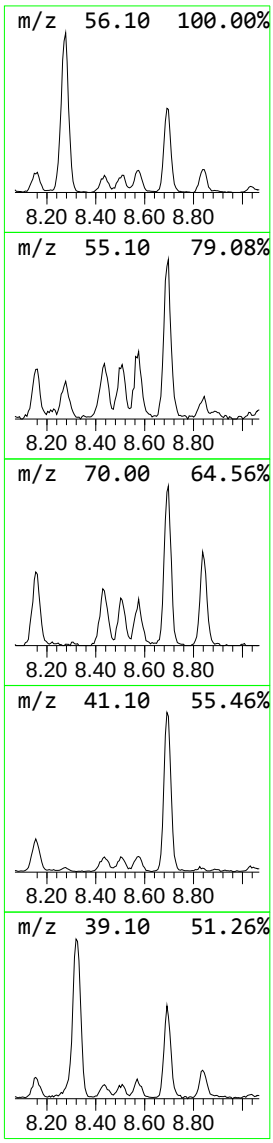
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.569 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	1.88 ug/L	46429	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
2	1-Heptene	98	C7H14	000592-76-7	64
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	60
4	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	60
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

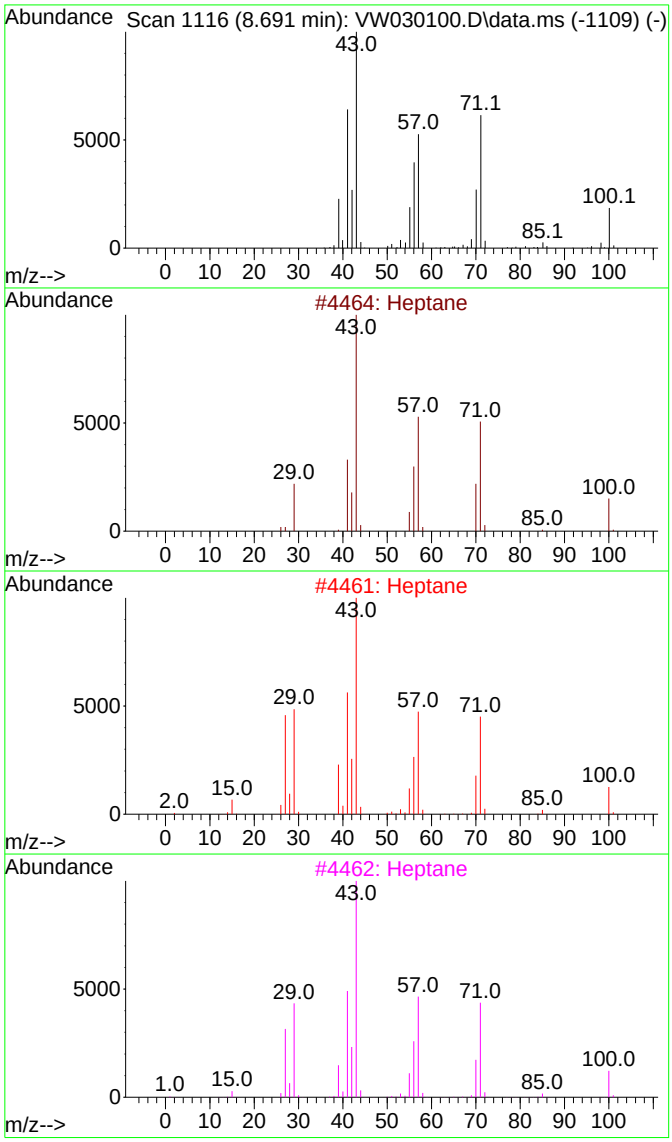
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

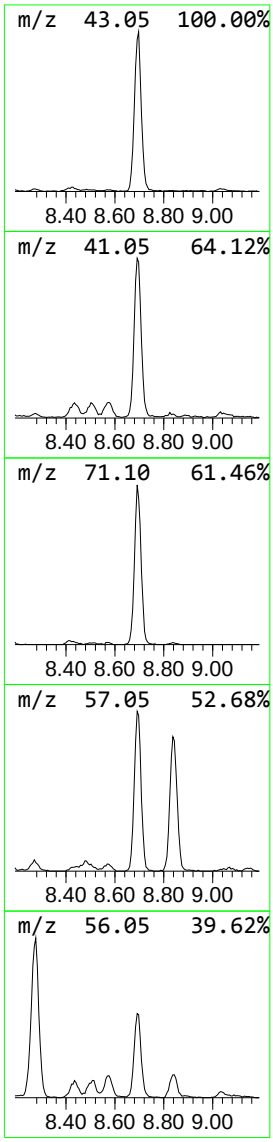
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	10.67 ug/L	263412	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	74
4	Heptane	100	C7H16	000142-82-5	74
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

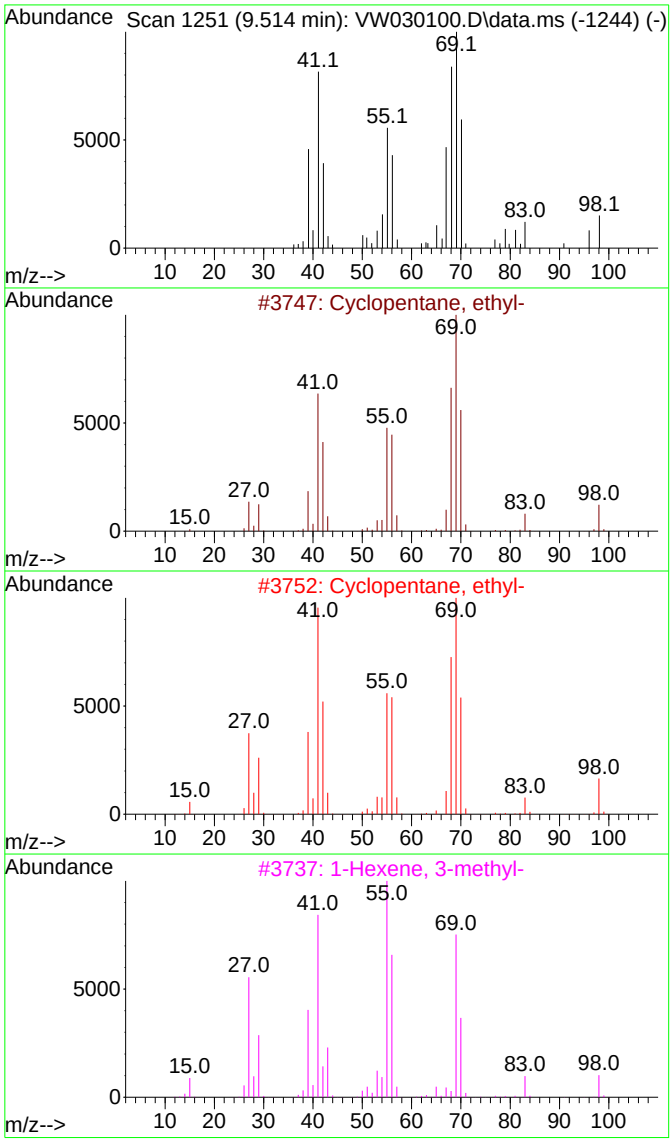
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

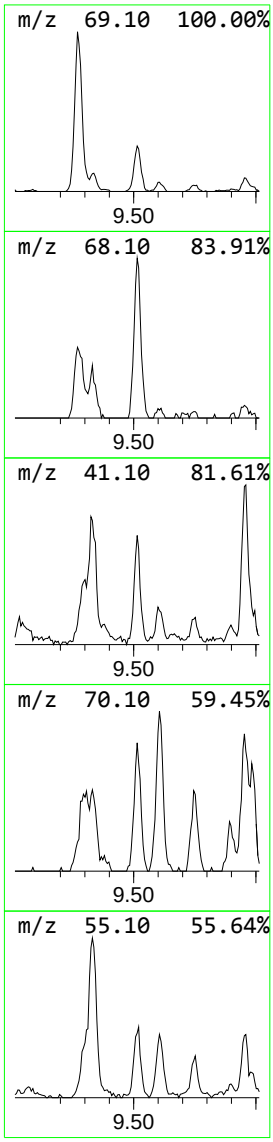
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.514 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.514	1.81 ug/L	44624	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	81
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	35
5	3-Hexyn-1-ol	98	C6H10O	001002-28-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

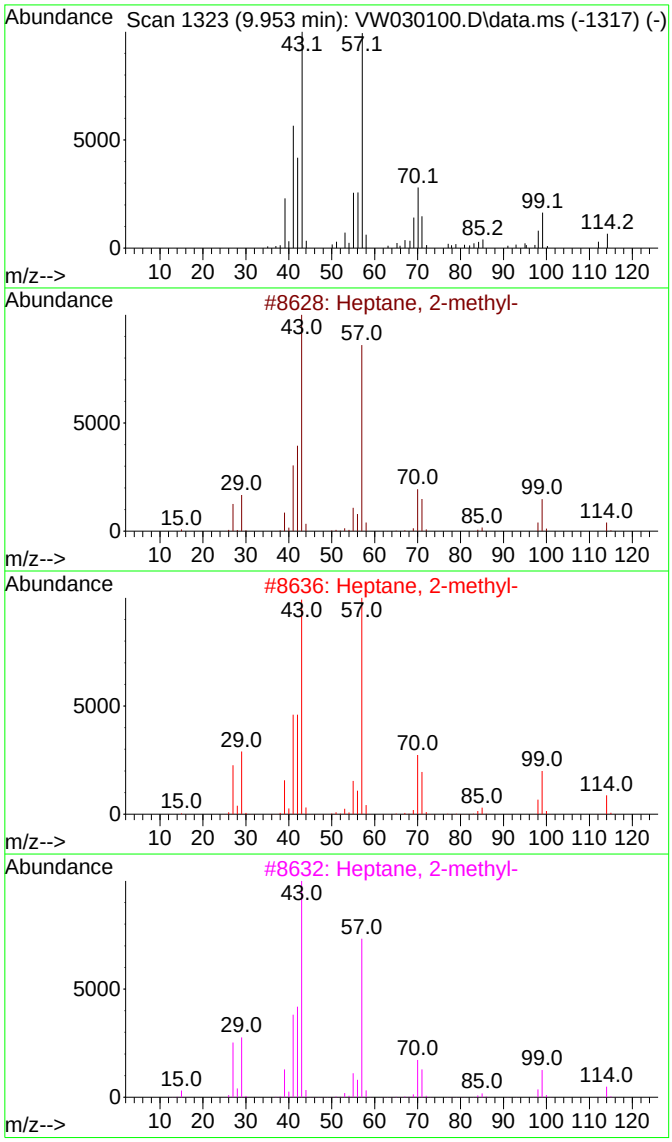
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

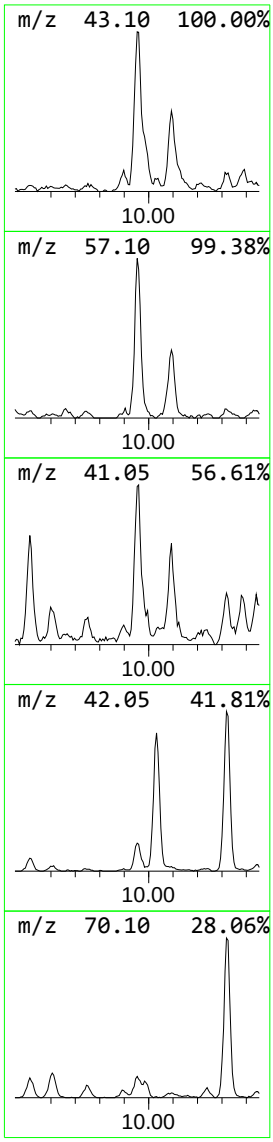
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	3.01 ug/L	74241	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

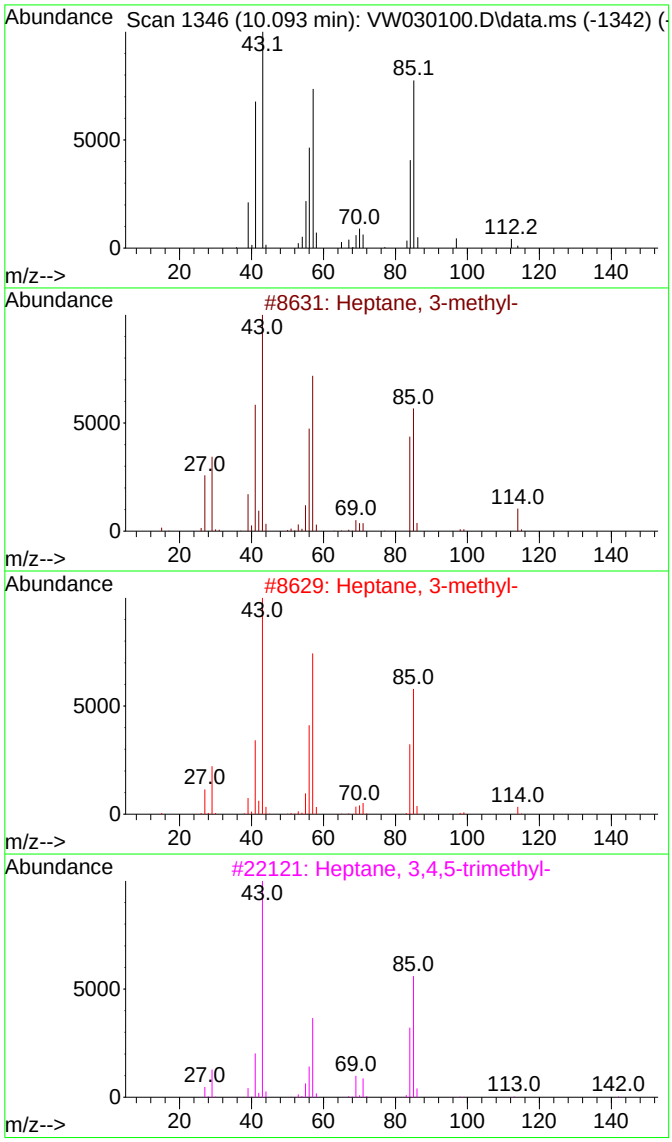
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

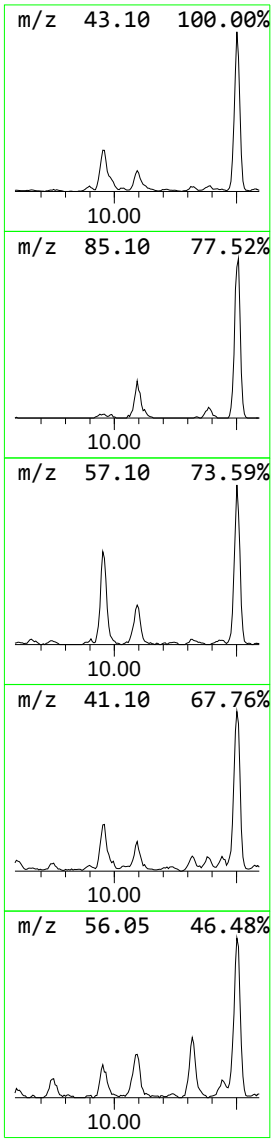
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	1.78 ug/L	44043	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

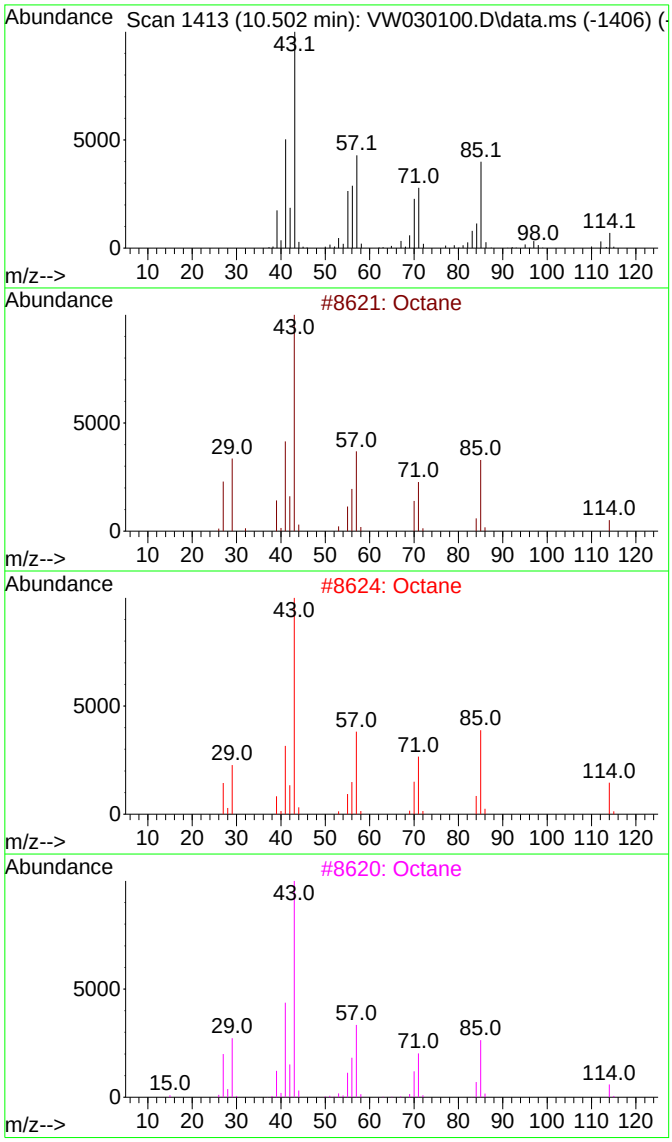
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

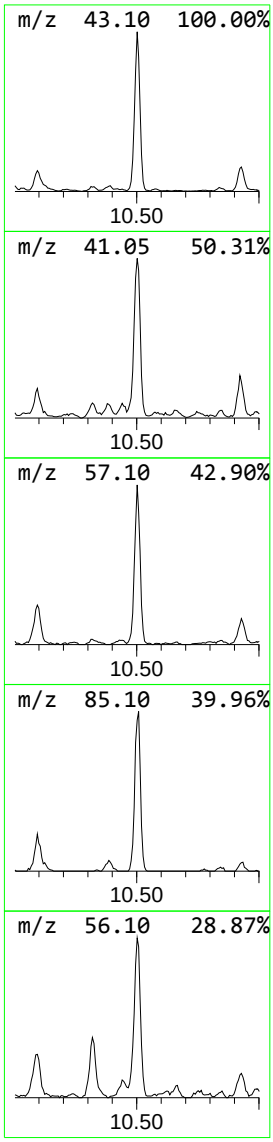
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	9.81 ug/L	217938	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Octane	114	C8H18	000111-65-9	86
3	Octane	114	C8H18	000111-65-9	74
4	Octane	114	C8H18	000111-65-9	74
5	Octane	114	C8H18	000111-65-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

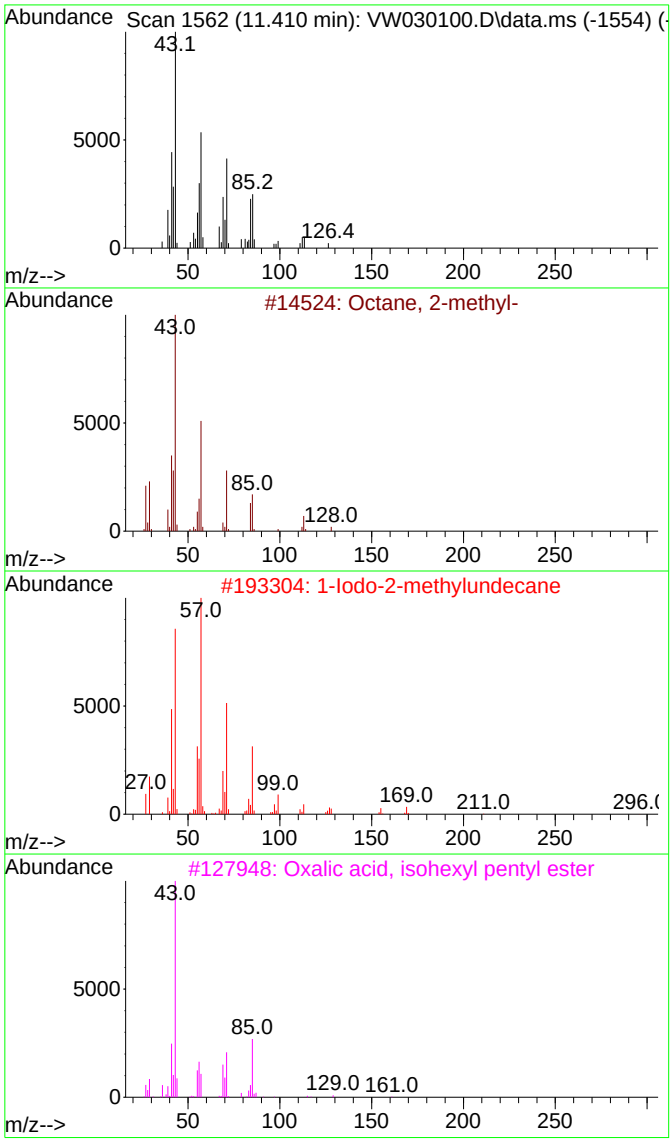
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

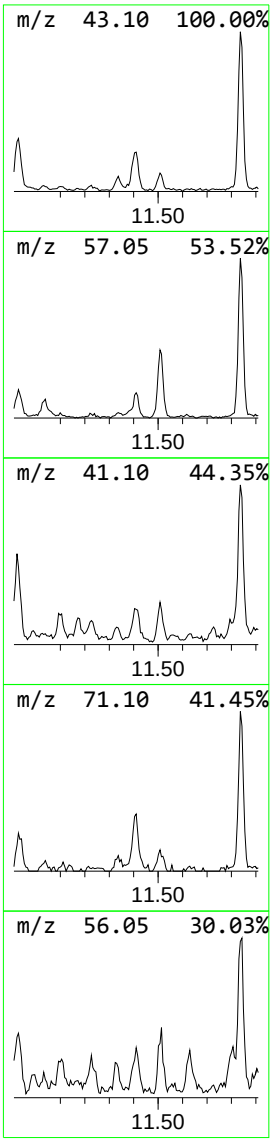
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	1.56 ug/L	34566	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	59
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	50
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

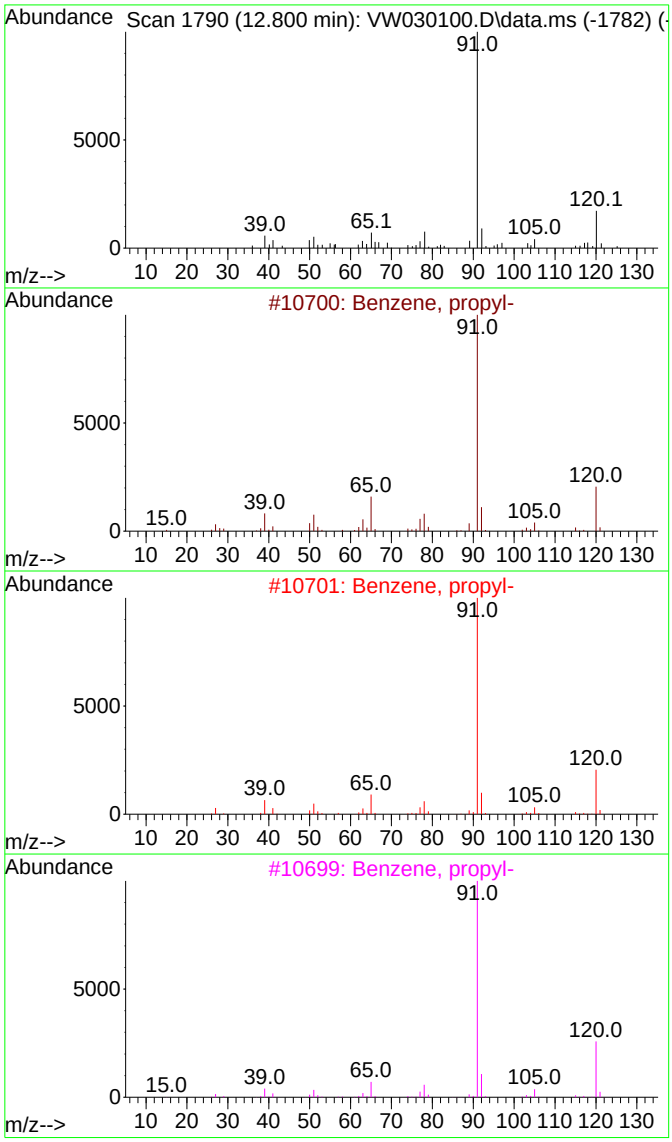
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

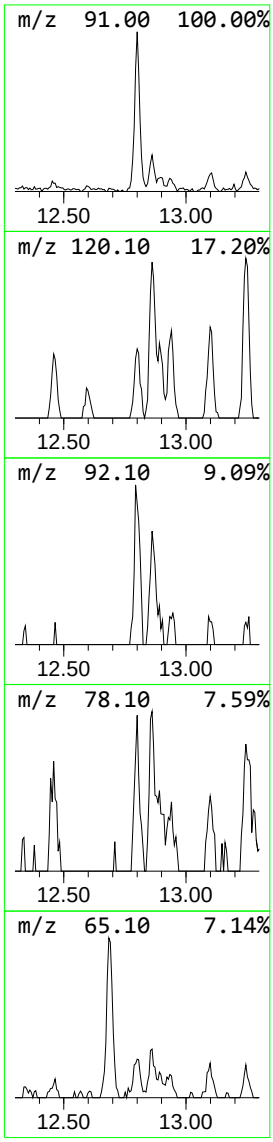
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	2.00 ug/L	24813	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	74
2	Benzene, propyl-	120	C9H12	000103-65-1	74
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

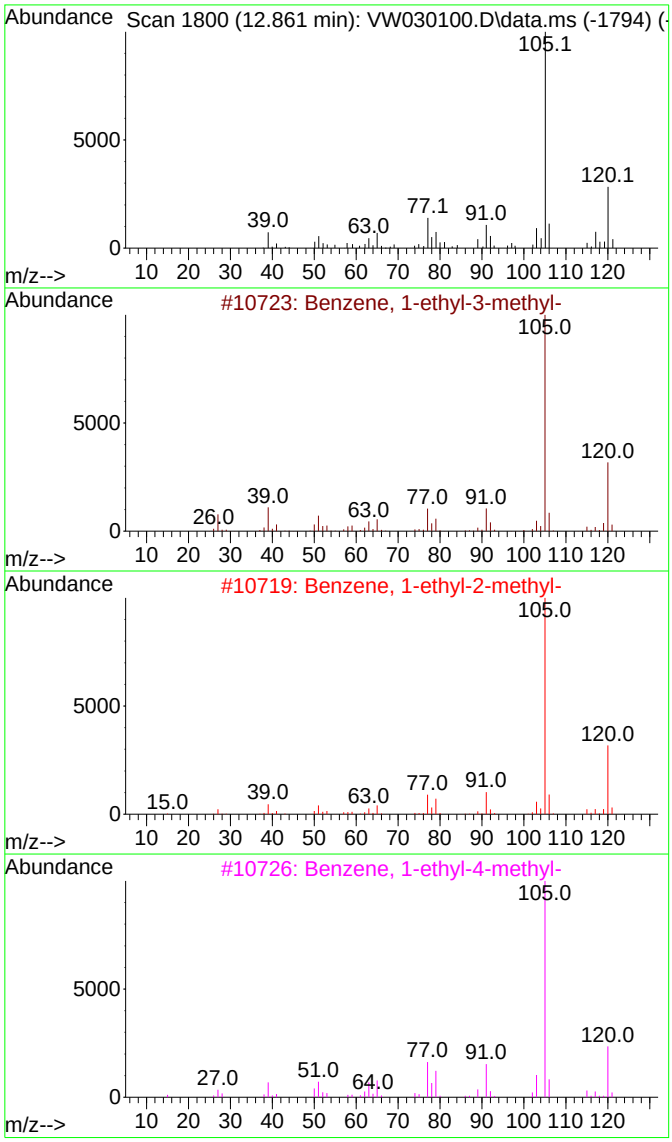
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

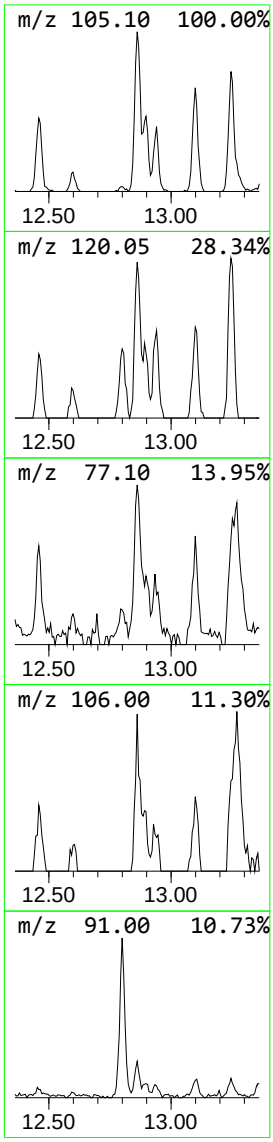
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	3.14 ug/L	39066	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

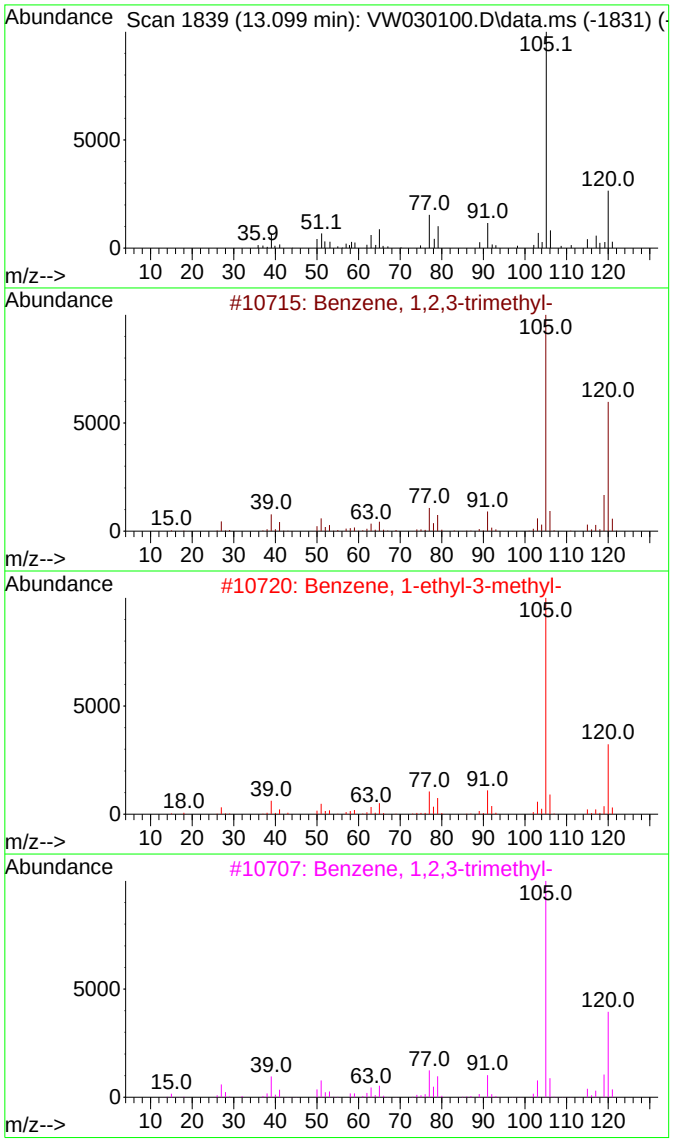
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

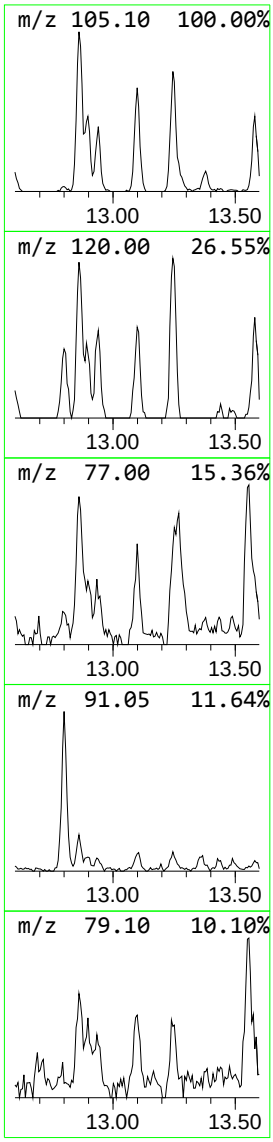
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	2.01 ug/L	24998	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

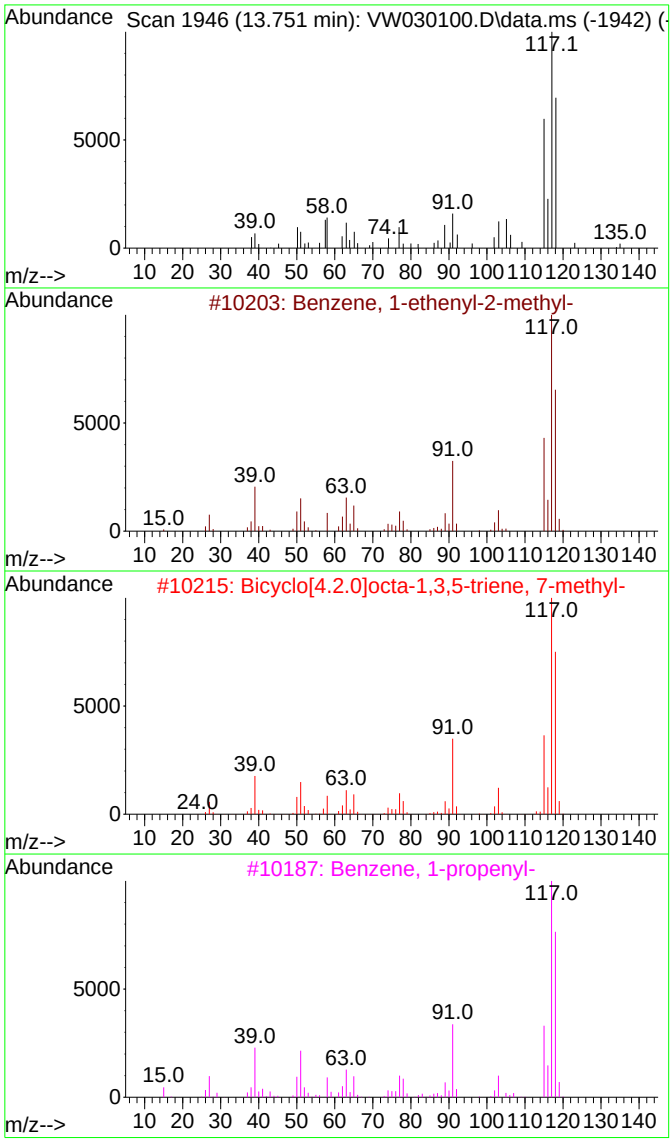
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

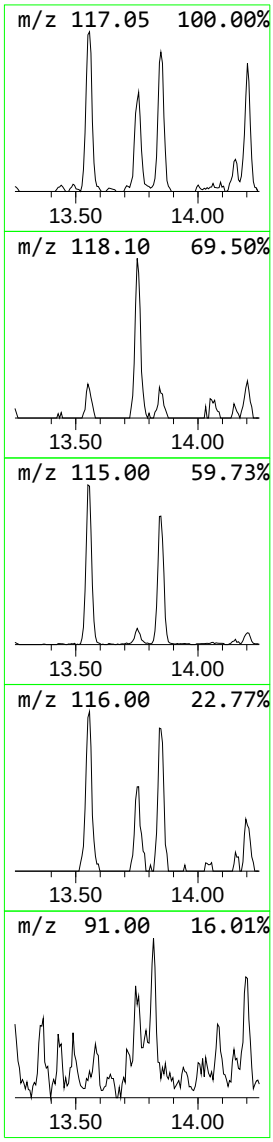
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethenyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	1.60 ug/L	19892	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	70
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	62
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

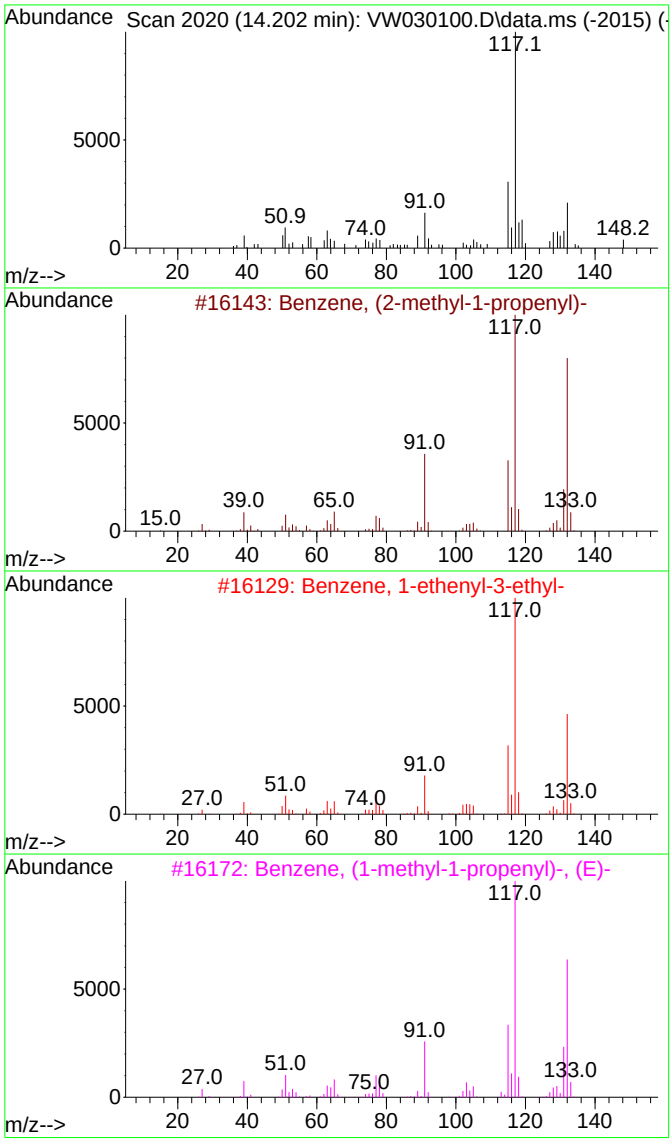
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

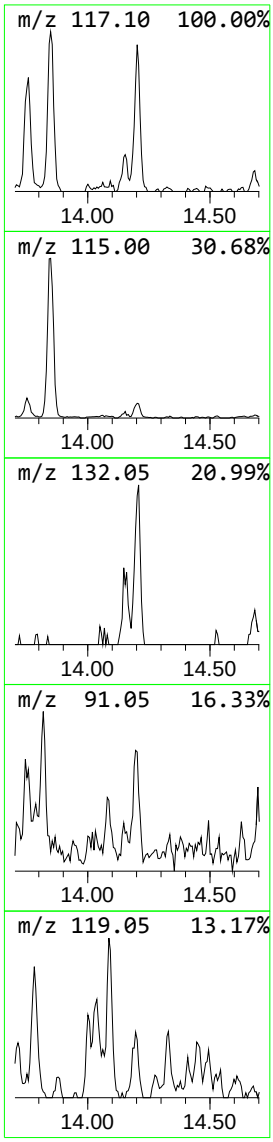
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (2-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	2.20 ug/L	27333	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

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

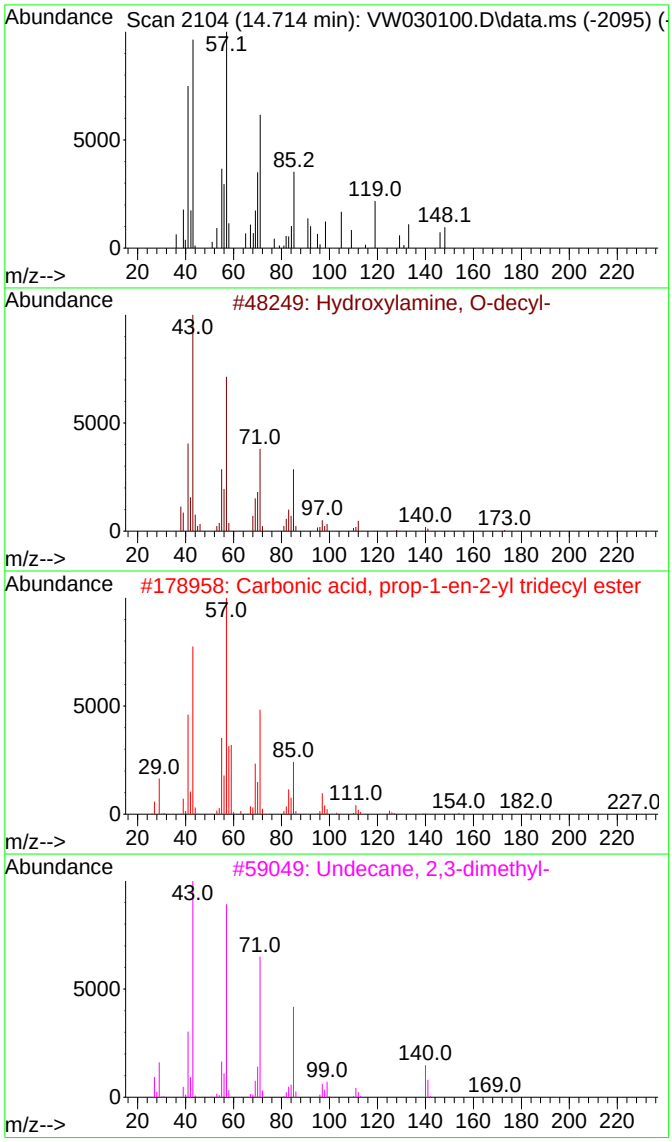
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

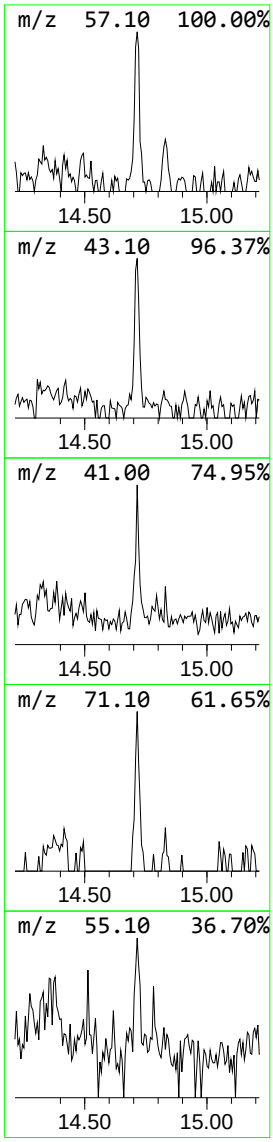
****

Peak Number 26 Hydroxylamine, O-decyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	1.30 ug/L	16219	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	50
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
5	Hexadecane	226	C16H34	000544-76-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030100.D
Acq On : 29 Aug 2024 15:21
Operator : SY/MD
Sample : P3733-13
Misc : 6.95g/10mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44A5

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...	1.973	12.6	ug/L	310972	1	8.843	616960	25.0
(DEL) Alkane: S...	2.180	12.0	ug/L	295234	1	8.843	616960	25.0
(DEL) Alkane: S...	3.027	8.6	ug/L	212041	1	8.843	616960	25.0
(DEL) Alkane: S...	3.393	12.7	ug/L	312344	1	8.843	616960	25.0
(DEL) Alkane: S...	5.441	2.6	ug/L	65241	1	8.843	616960	25.0
(DEL) Alkane: S...	5.941	12.2	ug/L	302053	1	8.843	616960	25.0
(DEL) Alkane: C...	6.984	4.5	ug/L	110756	1	8.843	616960	25.0
(DEL) Alkane: S...	8.154	2.7	ug/L	67374	1	8.843	616960	25.0
(DEL) Alkane: C...	8.435	1.8	ug/L	44919	1	8.843	616960	25.0
(DEL) Alkane: C...	8.508	1.5	ug/L	36673	1	8.843	616960	25.0
(DEL) Alkane: C...	8.569	1.9	ug/L	46429	1	8.843	616960	25.0
(DEL) Alkane: S...	8.691	10.7	ug/L	263412	1	8.843	616960	25.0
(DEL) Alkane: C...	9.514	1.8	ug/L	44624	1	8.843	616960	25.0
(DEL) Alkane: S...	9.953	3.0	ug/L	74241	1	8.843	616960	25.0
(DEL) Alkane: S...	10.093	1.8	ug/L	44043	1	8.843	616960	25.0
(DEL) Alkane: S...	10.502	9.8	ug/L	217938	2	11.629	555422	25.0
(DEL) Alkane: S...	11.410	1.6	ug/L	34566	2	11.629	555422	25.0
Benzene, propyl-	12.800	2.0	ug/L	24813	3	13.556	310747	25.0
Benzene, 1-ethy...	12.861	3.1	ug/L	39066	3	13.556	310747	25.0
Benzene, 1,2,3-...	13.099	2.0	ug/L	24998	3	13.556	310747	25.0
Benzene, 1-ethe...	13.751	1.6	ug/L	19892	3	13.556	310747	25.0
Benzene, (2-met...	14.202	2.2	ug/L	27333	3	13.556	310747	25.0
Hydroxylamine, ...	14.714	1.3	ug/L	16219	3	13.556	310747	25.0