LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

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\SFAMWLM091624SMA.M
Title : SFAM01.0

Signal : TIC: VW030169.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	69	79	93	rBV	69074	164589	12.27%	0.964%
2	2.814	149	152	153	rBV3	701	815	0.06%	0.005%
3	2.899	156	166	184	rBV	49385	148128	11.04%	0.868%
4	3.100	197	199	202	rBV3	610	658	0.05%	0.004%
5	3.308	230	233	239	rVB3	984	1819	0.14%	0.011%
6	3.399	239	248	257	rBV4	1730	4540	0.34%	0.027%
7	3.558	270	274	275	rBV	253	378	0.03%	0.002%
8	3.673	290	293	295	rVB2	273	330	0.02%	0.002%
9	3.716	295	300	302	rBV4	671	1182	0.09%	0.007%
10	3.862	321	324	328	rVB2	302	445	0.03%	0.003%
11	4.027	336	351	361	rBV	150060	438095	32.66%	2.567%
12	4.124	361	367	379	rVB	35545	102819	7.66%	0.602%
13	4.289	390	394	397	rVB3	283	380	0.03%	0.002%
14	4.405	401	413	414	rBV2	4844	11692	0.87%	0.069%
15	4.521	430	432	435	rVB	328	327	0.02%	0.002%
16	4.929	488	499	511	rVV7	3631	14338	1.07%	0.084%
17	5.033	514	516	519	rVV2	252	283	0.02%	0.002%
18	5.149	532	535	538	rVB2	213	268	0.02%	0.002%
19	5.435	578	582	583	rBV2	490	648	0.05%	0.004%
20	5.795	630	641	649	rBV6	2561	8285	0.62%	0.049%
21	5.935	658	664	665	rBV2	1736	2421	0.18%	0.014%
22	6.380	733	737	740	rBV2	189	317	0.02%	0.002%
23	6.874	815	818	819	rVV2	352	314	0.02%	0.002%
24	6.904	822	823	827	rVV3	374	439	0.03%	0.003%
25	6.990	830	837	842	rVV6	982	2437	0.18%	0.014%
26	7.081	844	852	861	rVV	36660	107563	8.02%	0.630%
27	7.173	862	867	884	rVV3	19159	56370	4.20%	0.330%
28	7.307	887	889	892	rVV3	451	523	0.04%	0.003%
29	7.356	895	897	899	rVB2	316	273	0.02%	0.002%
30	7.526	917	925	928	rBV4	698	1867	0.14%	0.011%
31	7.557	928	930	931	rVB2	445	280	0.02%	0.002%
32	7.648	935	945	957	rBV	234093	571278	42.58%	3.347%
33	7.929	983	991	992	rBV4	1716	3125	0.23%	0.018%
34	8.032	1002	1008	1015	rVB5	2067	4697	0.35%	0.028%
35	8.160	1020	1029	1036	rBV4	4926	11809	0.88%	0.069%
36	8.276	1036	1048	1066	rBV2	454874	1341540	100.00%	7.860%

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Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

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\SFAMWLM091624SMA.M
Title : SFAM01.0

37	8.435	1068	1074	1077	rBV7	1778	4388	0.33%	0.026%
38	8.483	1077	1082	1083	rBV4	1687	2337	0.17%	0.014%
39	8.575	1092	1097	1104	rVB5	4033	8151	0.61%	0.048%
40	8.624	1104	1105	1111	rVB	378	410	0.03%	0.002%
41	8.697	1111	1117	1125	rBV5	2215	5095	0.38%	0.030%
42	8.843	1132	1141	1155	rBV	548380	1092199	81.41%	6.399%
43	8.977	1161	1163	1167	rVB3	401	383	0.03%	0.002%
44	9.075	1169	1179	1184	rBV10	1505	4064	0.30%	0.024%
45	9.142	1187	1190	1196	rVB3	1481	2818	0.21%	0.017%
46	9.276	1202	1212	1219	rBV	295711	625926	46.66%	3.667%
47	9.380	1227	1229	1240	rVB3	10472	17634	1.31%	0.103%
48	9.465	1240	1243	1246	rBV4	309	384	0.03%	0.002%
49	9.520	1247	1252	1255	rVB4	1186	1821	0.14%	0.011%
50	9.605	1255	1266	1273	rVB3	15226	34769	2.59%	0.204%
51	9.678	1273	1278	1281	rVB4	517	719	0.05%	0.004%
52	9.752	1283	1290	1298	rVB2	22853	44602	3.32%	0.261%
53	9.849	1302	1306	1307	rBV3	593	680	0.05%	0.004%
54	9.898	1307	1314	1317	rBV3	11610	21636	1.61%	0.127%
55	9.947	1318	1322	1326	rBV5	6000	8841	0.66%	0.052%
56	9.995	1326	1330	1331	rBV4	3216	4822	0.36%	0.028%
57	10.032	1331	1336	1342	rBV	141507	249525	18.60%	1.462%
58	10.209	1359	1365	1368	rBV2	8276	15337	1.14%	0.090%
59	10.325	1376	1384	1398	rBV	552344	1045093	77.90%	6.123%
60	10.447	1399	1404	1406	rBV4	6140	8979	0.67%	0.053%
61	10.507	1406	1414	1419	rVB3	24007	57083	4.26%	0.334%
62	10.575	1419	1425	1430	rBV	85002	158964	11.85%	0.931%
63	10.666	1436	1440	1443	rBV	23633	33070	2.47%	0.194%
64	10.764	1450	1456	1460	rBV5	16217	33723	2.51%	0.198%
65	10.843	1465	1469	1474	rVB2	22334	35779	2.67%	0.210%
66	10.928	1474	1483	1491	rBV2	204288	392259	29.24%	2.298%
67	11.032	1495	1500	1508	rVV	39893	88743	6.62%	0.520%
68	11.105	1508	1512	1516	rVV	20577	36142	2.69%	0.212%
69	11.178	1520	1524	1527	rVV	42758	74296	5.54%	0.435%
70	11.227	1527	1532	1538	rVV	181276	336568	25.09%	1.972%
71	11.282	1538	1541	1544	rVV2	22183	33793	2.52%	0.198%
72	11.331	1544	1549	1554	rVV2	91571	177543	13.23%	1.040%
73	11.379	1554	1557	1561	rVV2	35747	59029	4.40%	0.346%
74	11.434	1561	1566	1573	rVB	82903	143724	10.71%	0.842%
75	11.501	1573	1577	1582	rBV2	29390	49539	3.69%	0.290%
76	11.629	1591	1598	1611	rBV	514708	900997	67.16%	5.279%

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4EH5RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Title : SFAM01.0

77	11.763	1615	1620	1623	rBV	45082	72097	5.37%	0.422%
78	11.806	1623	1627	1633	rVB5	51178	100277	7.47%	0.588%
79	11.873	1633	1638	1641	rBV	107980	185549	13.83%	1.087%
80	11.971	1649	1654	1662	rBV3	57980	138126	10.30%	0.809%
81	12.056	1665	1668	1673	rVB3	35683	61130	4.56%	0.358%
82	12.135	1673	1681	1687	rBV2	182166	419569	31.28%	2.458%
83	12.245	1692	1699	1704	rVB	231294	422043	31.46%	2.473%
84	12.361	1704	1718	1729	rBV3	370191	1269669	94.64%	7.439%
85	12.617	1754	1760	1765	rVB3	73473	129661	9.67%	0.760%
86	12.690	1765	1772	1777	rBV	238031	497350	37.07%	2.914%
87	12.775	1782	1786	1792	rVB2	302708	539677	40.23%	3.162%
88	12.855	1792	1799	1804	rBV5	144015	345999	25.79%	2.027%
89	12.940	1805	1813	1818	rBV6	261115	744661	55.51%	4.363%
90	13.074	1831	1835	1839	rBV2	113991	155984	11.63%	0.914%
91	13.117	1839	1842	1845	rBV2	75752	116890	8.71%	0.685%
92	13.159	1846	1849	1857	rVB2	194310	320950	23.92%	1.880%
93	13.257	1862	1865	1867	rBV3	63183	84942	6.33%	0.498%
94	13.556	1909	1914	1922	rVB	253267	469291	34.98%	2.750%
95	13.690	1933	1936	1941	rVB2	117600	173059	12.90%	1.014%
96	13.873	1958	1966	1970	rBV3	356539	846474	63.10%	4.959%
97	14.379	2045	2049	2054	rVB3	247090	378836	28.24%	2.220%
98	14.543	2072	2076	2081	rVB3	160791	248537	18.53%	1.456%
99	15.318	2199	2203	2209	rVB	197127	312401	23.29%	1.830%
100	16.275	2355	2360	2368	rVB2	109000	217613	16.22%	1.275%

Sum of corrected areas: 17067922

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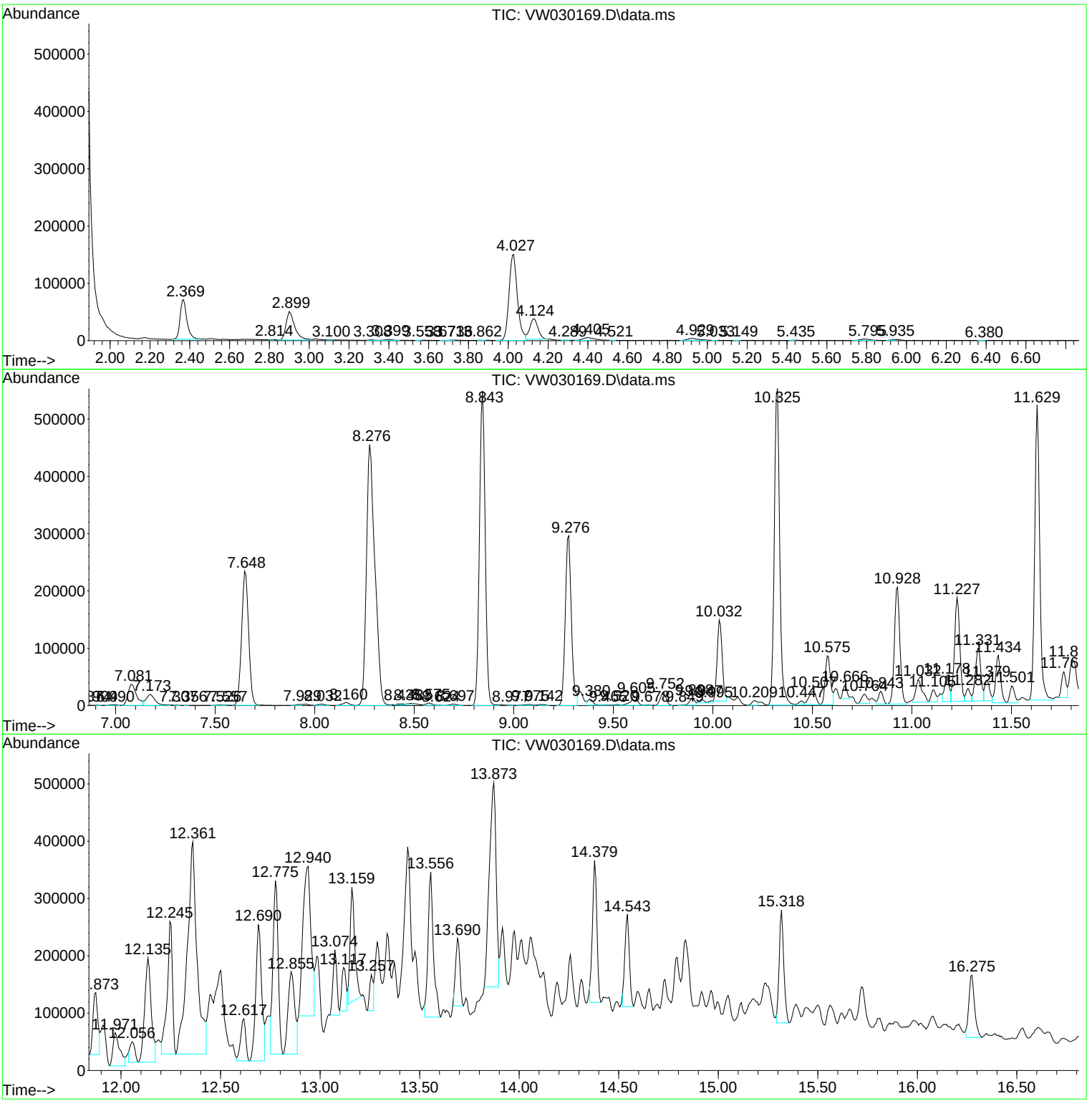
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
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Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

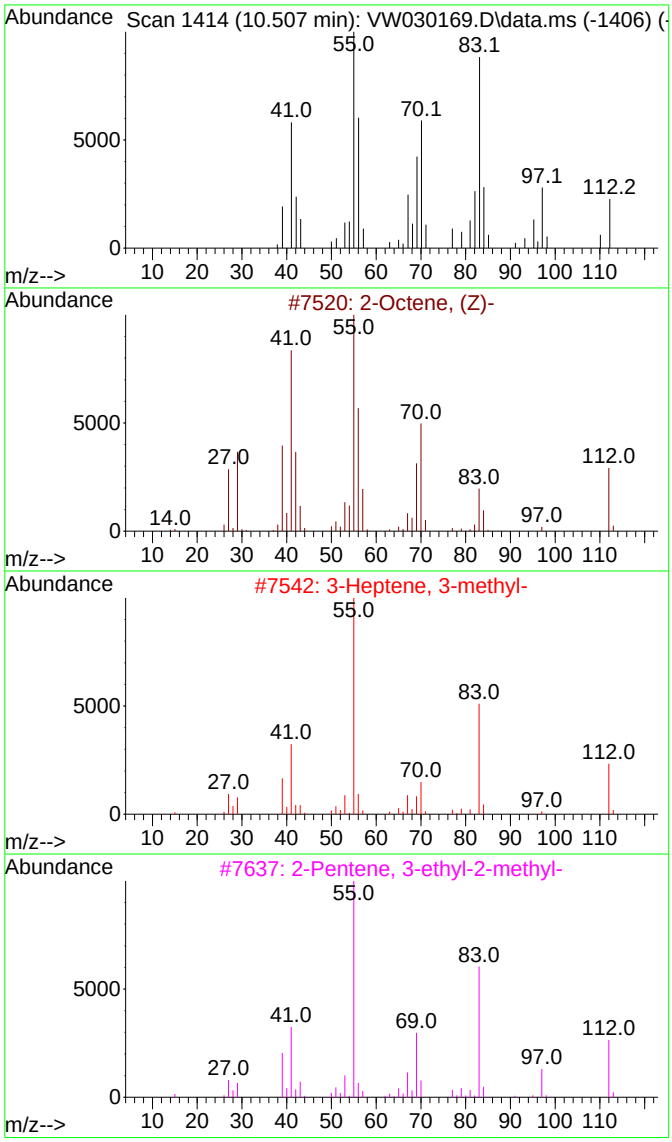
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

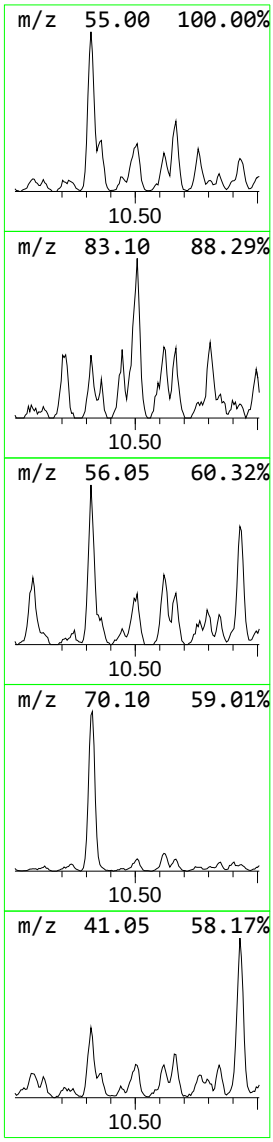
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	1.58 ug/L	57083	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (Z)-	112	C8H16	007642-04-8	45
2	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	43
3	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	43
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	43
5	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
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Operator : SY/MD
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Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

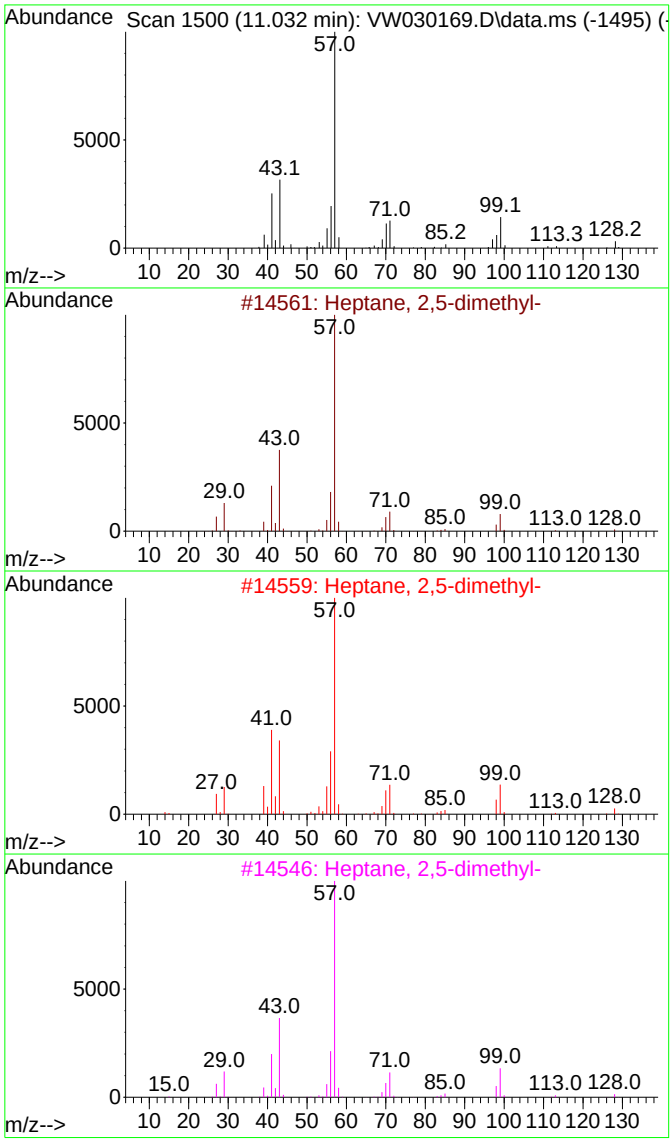
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

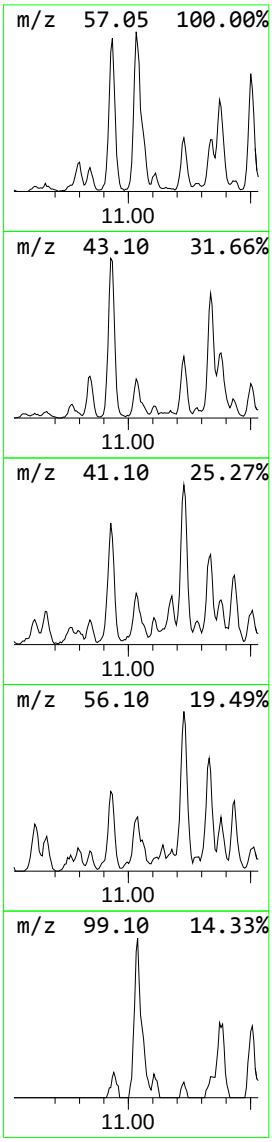
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	2.46 ug/L	88743	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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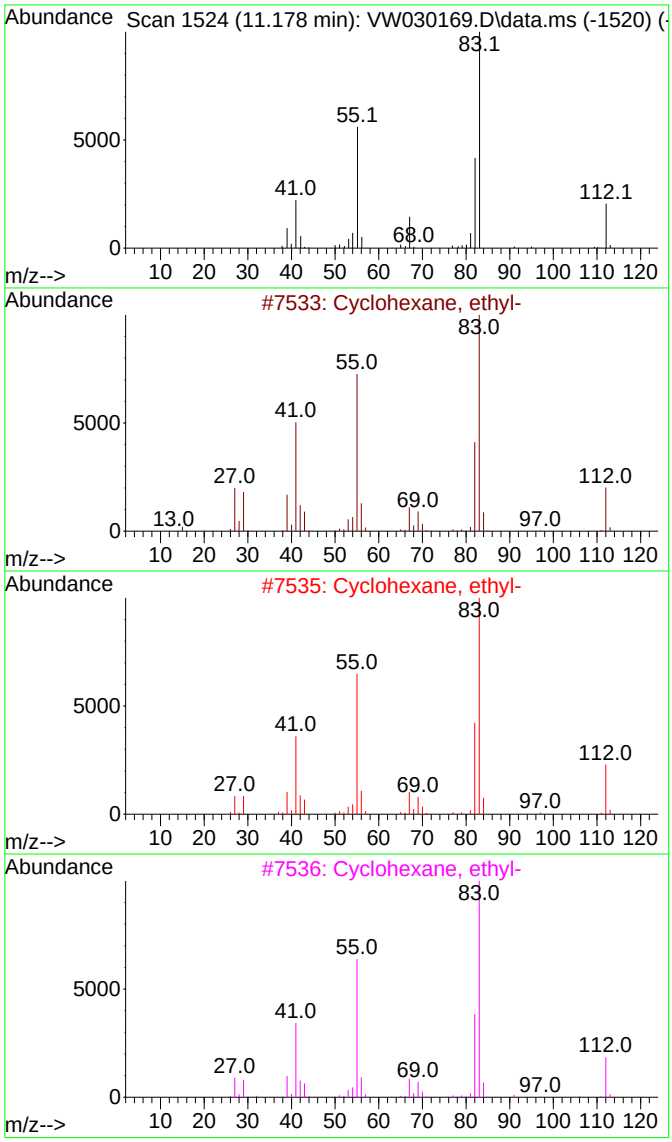
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

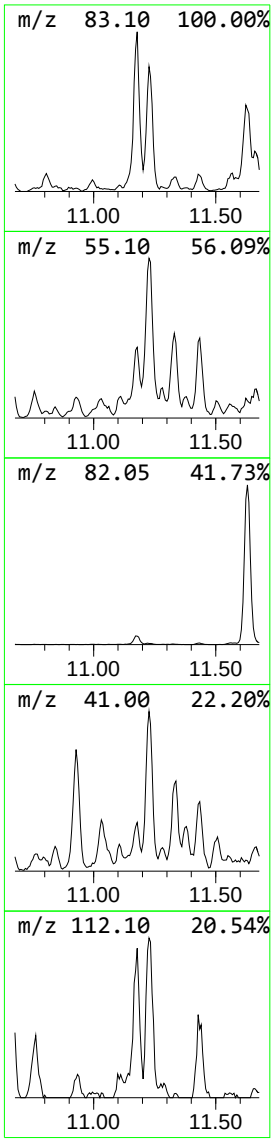
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic11.178 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	2.06 ug/L	74296	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





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Data File : VW030169.D
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Operator : SY/MD
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Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

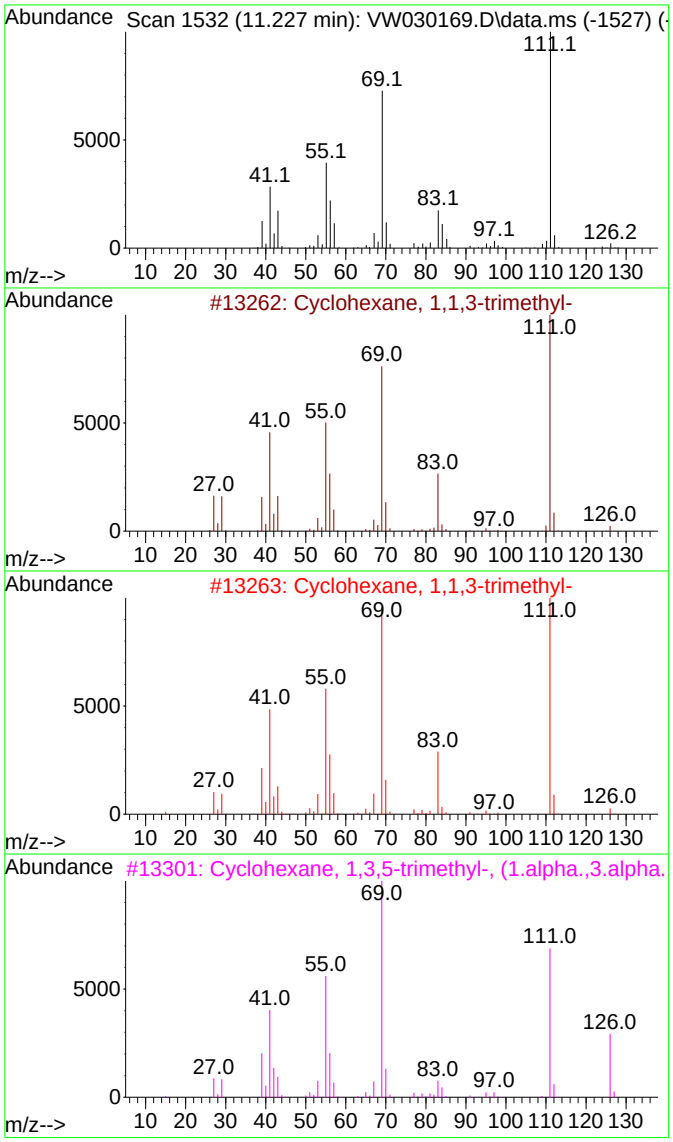
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

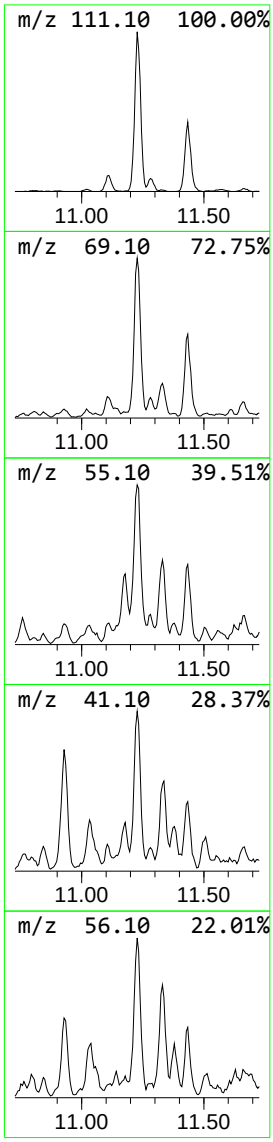
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic11.227 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	9.34 ug/L	336568	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

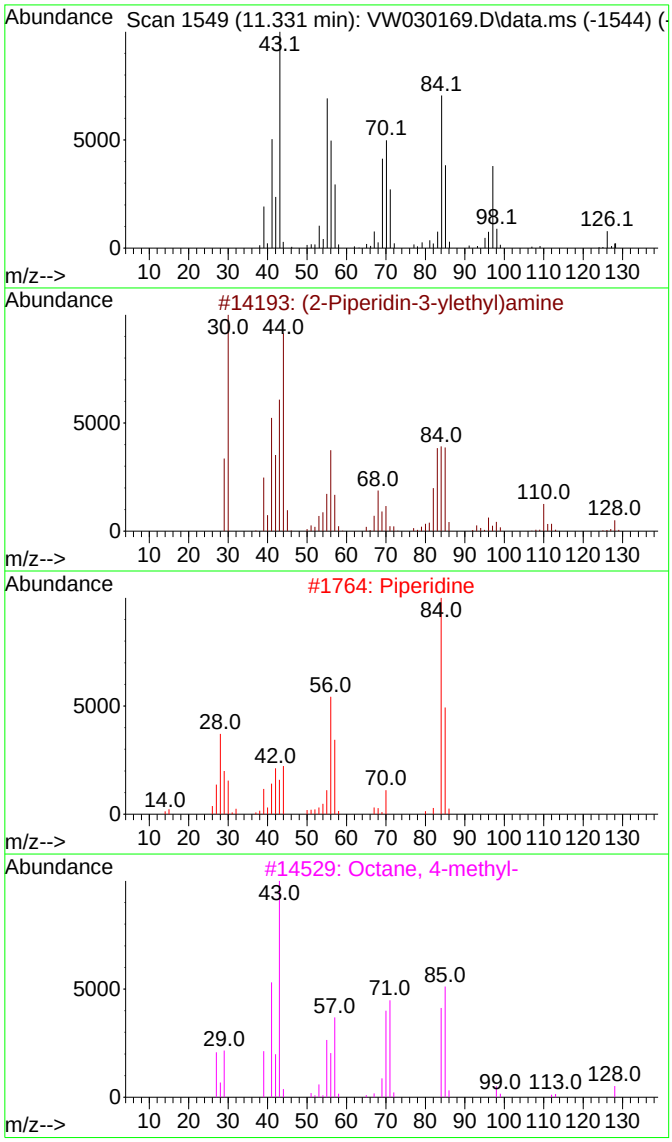
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

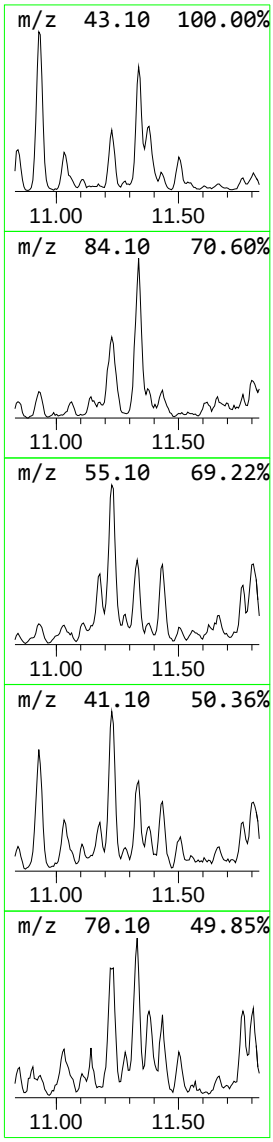
****

Peak Number 6 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.331	4.93 ug/L	177543	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Piperidin-3-ylethyl)amine	128	C7H16N2	089850-94-2	47
2	Piperidine	85	C5H11N	000110-89-4	46
3	Octane, 4-methyl-	128	C9H20	002216-34-4	43
4	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	43
5	Piperidine	85	C5H11N	000110-89-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

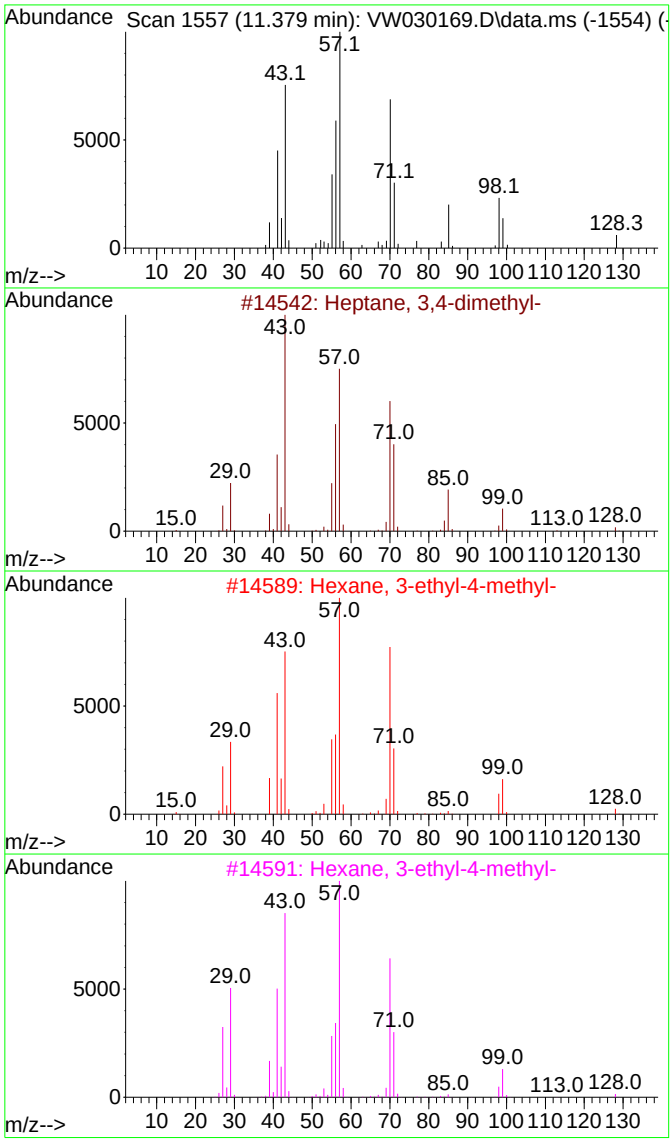
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

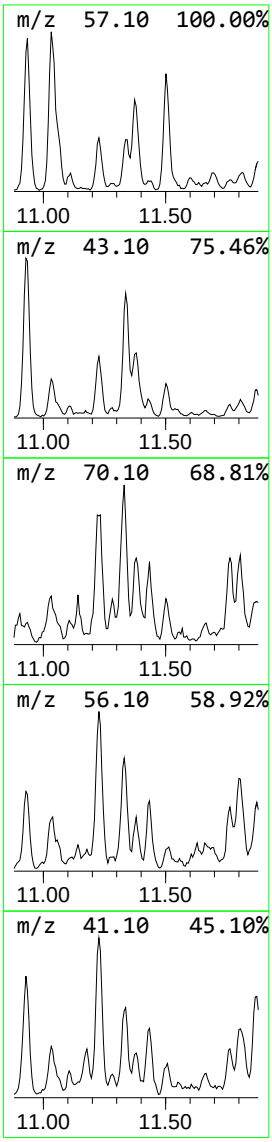
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.379	1.64 ug/L	59029	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
2	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53
3	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	43





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Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

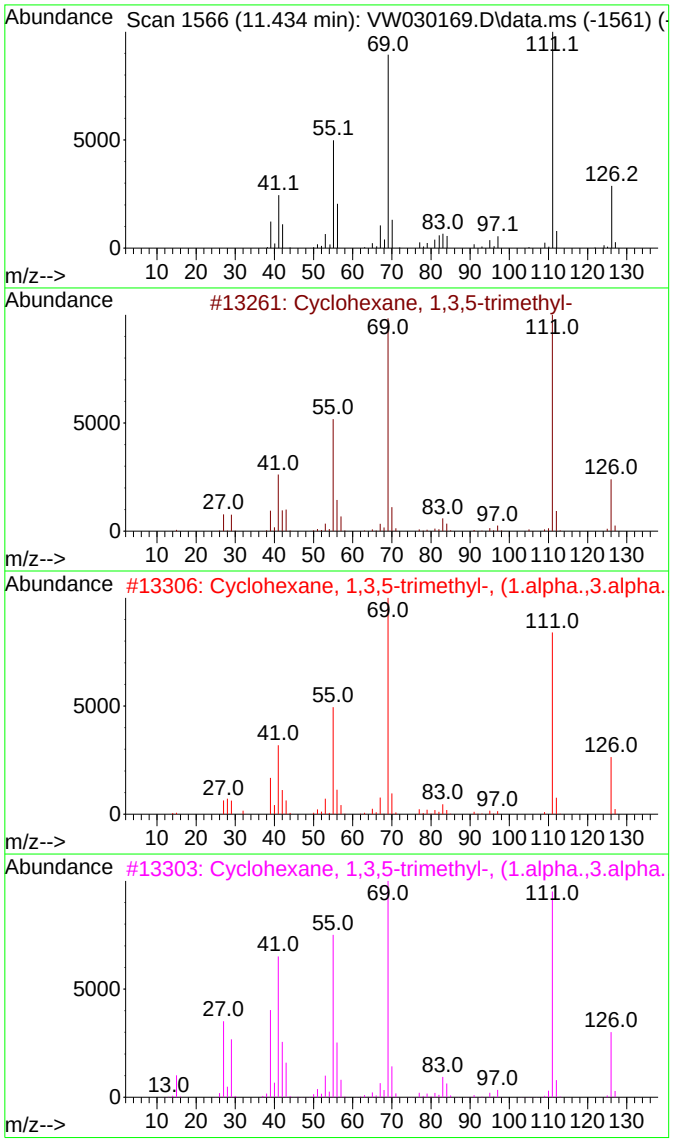
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

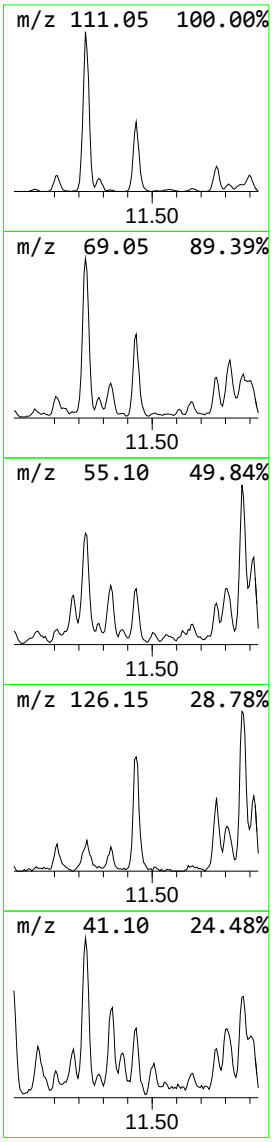
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic11.434 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	3.99 ug/L	143724	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86





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Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

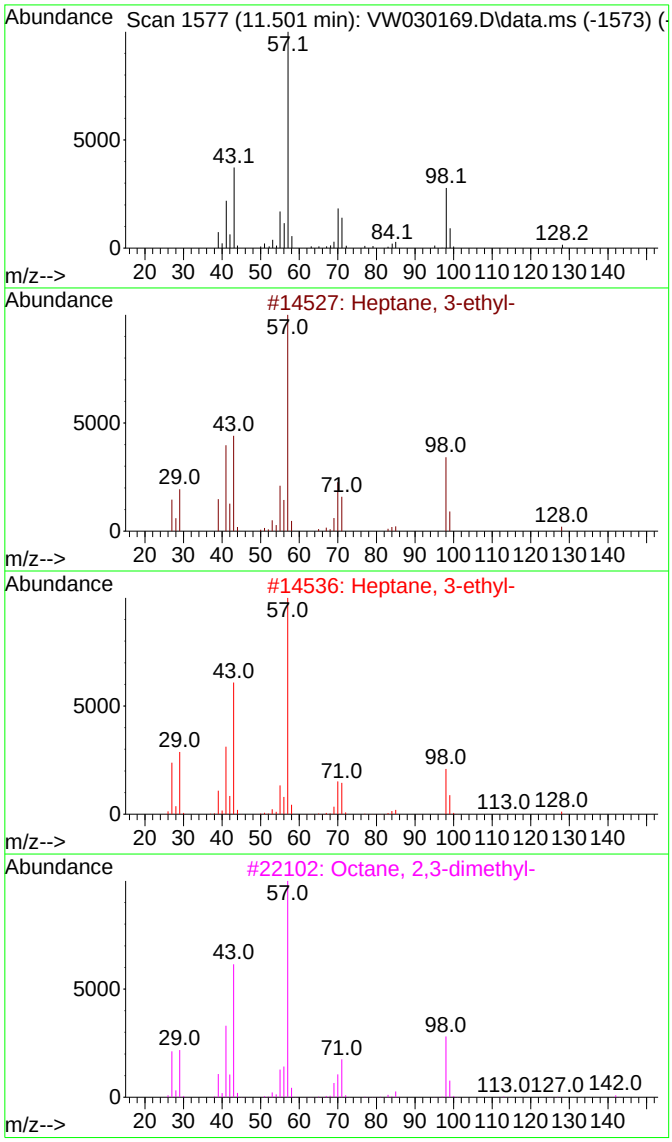
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

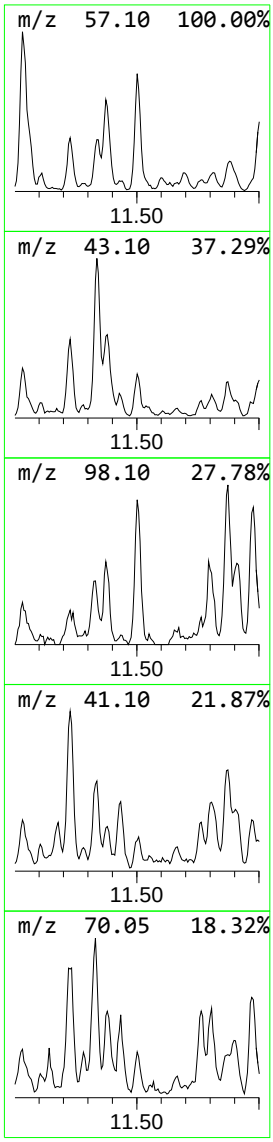
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.501	1.37 ug/L	49539	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	78
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

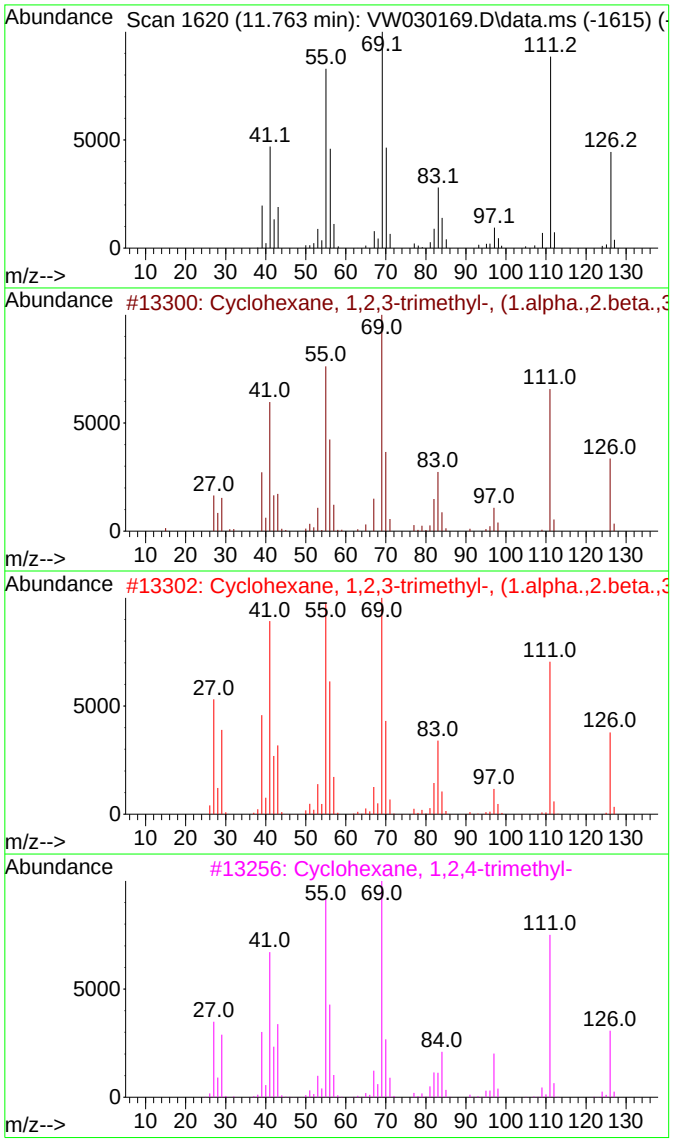
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

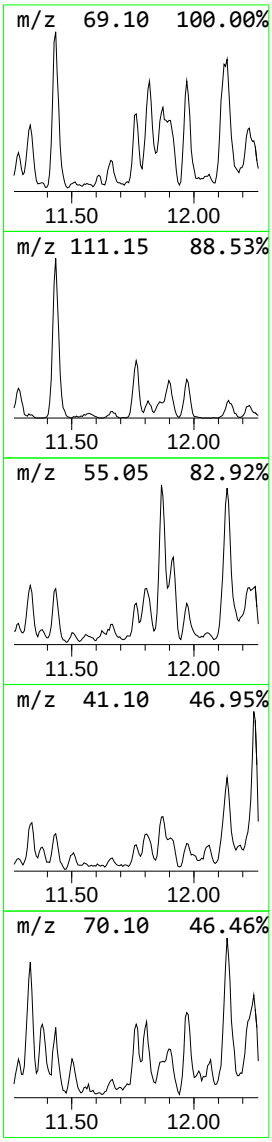
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic11.763 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	2.00 ug/L	72097	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	86
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	80
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

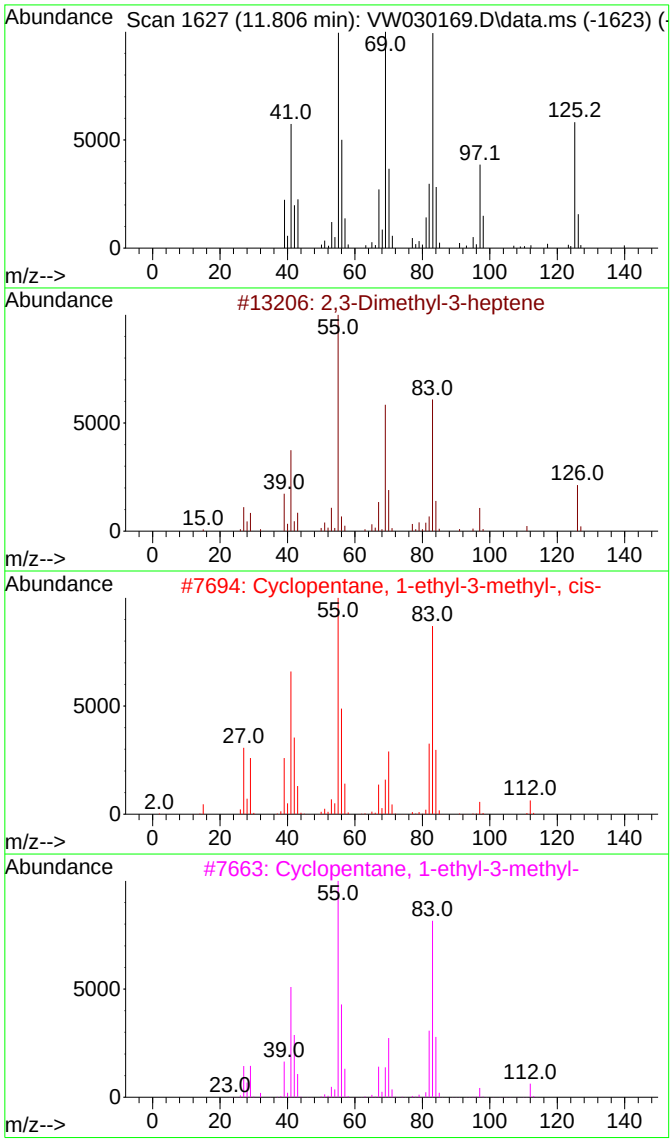
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

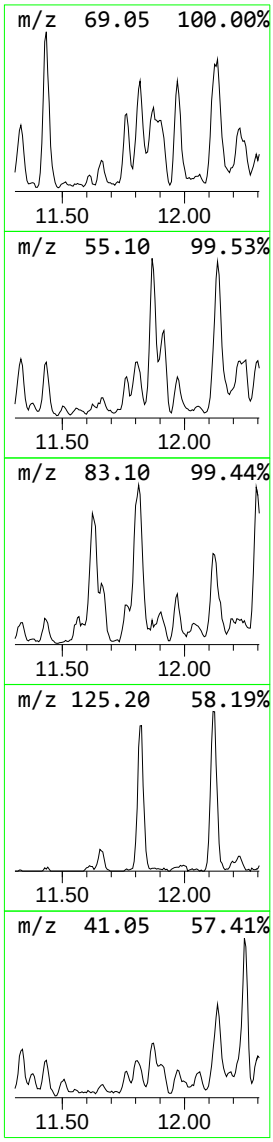
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.806	2.78 ug/L	100277	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	60
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	55
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	50
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	49
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

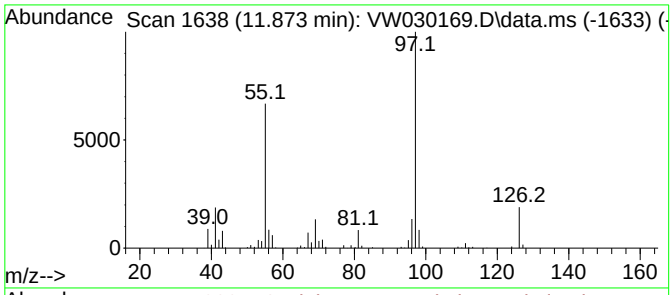
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

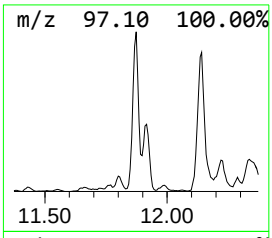
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

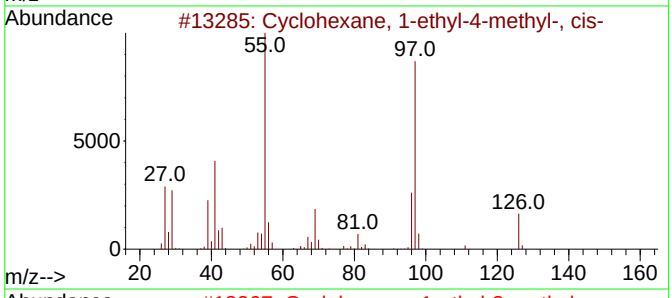
****
Peak Number 12 (DEL) Alkane: Cyclic11.873 Concentration Rank 18

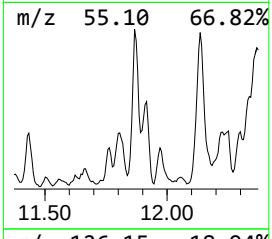
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	5.15 ug/L	185549	Chlorobenzene-d5	11.629

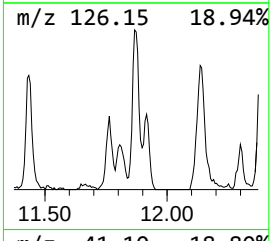
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
3	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	78
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
5	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	72

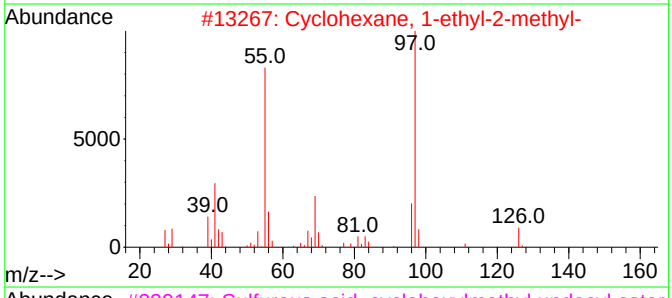


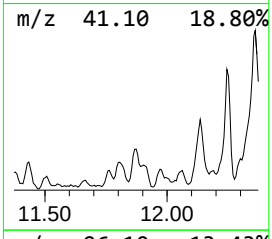


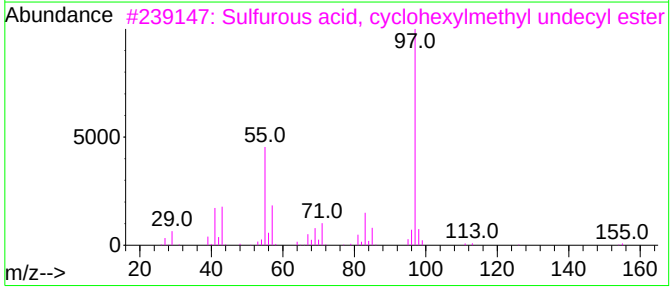


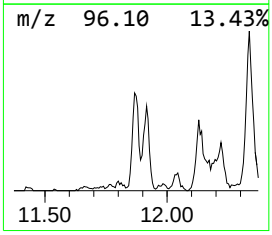












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

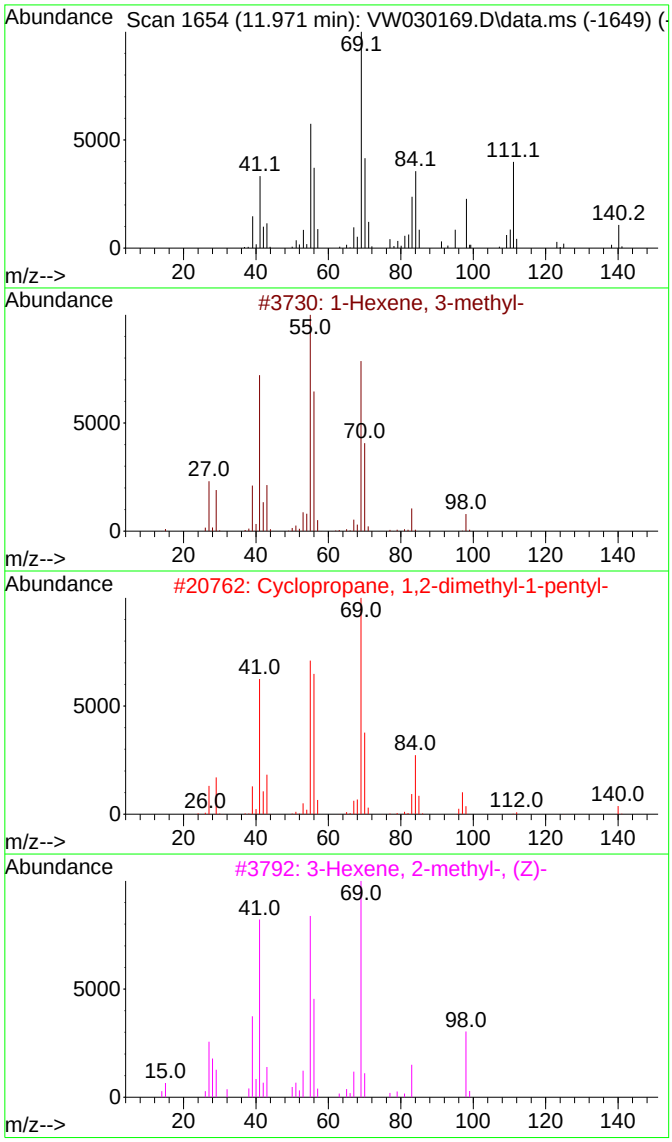
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

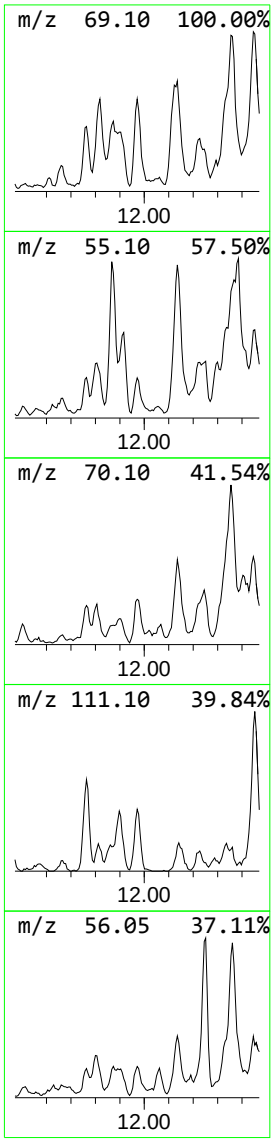
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.971	3.83 ug/L	138126	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	53
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43
4	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	43
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

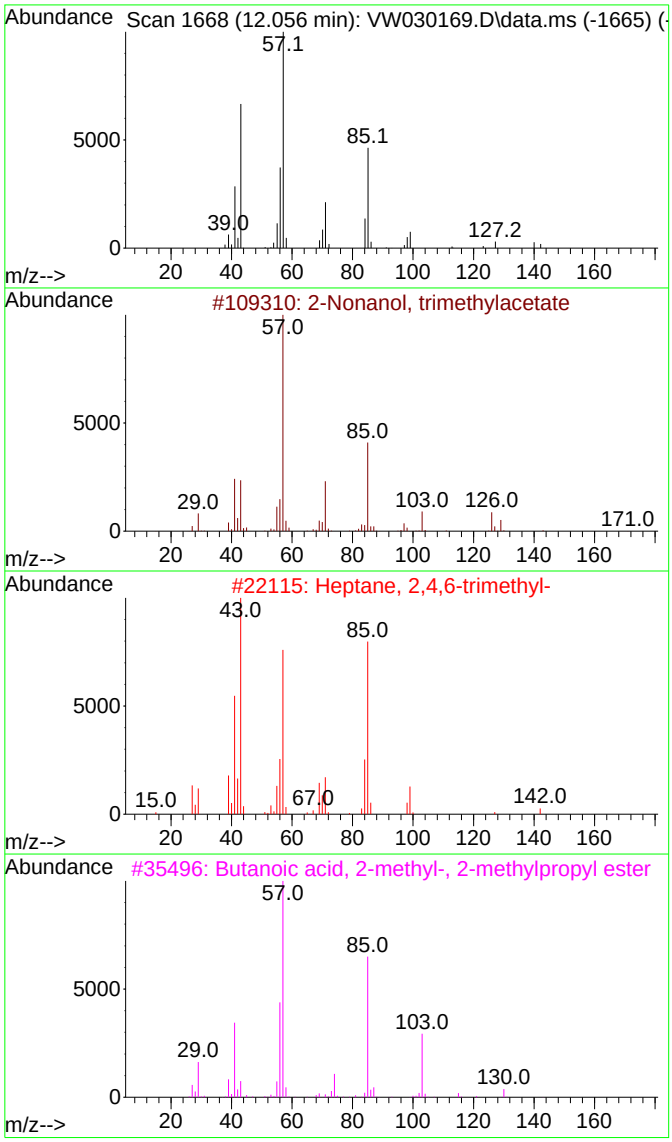
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

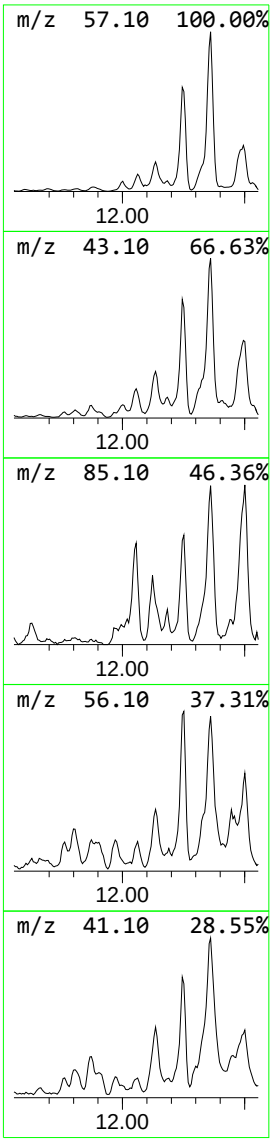
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Nonanol, trimethylacetate Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.70 ug/L	61130	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	59
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
3	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	50
4	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	49
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

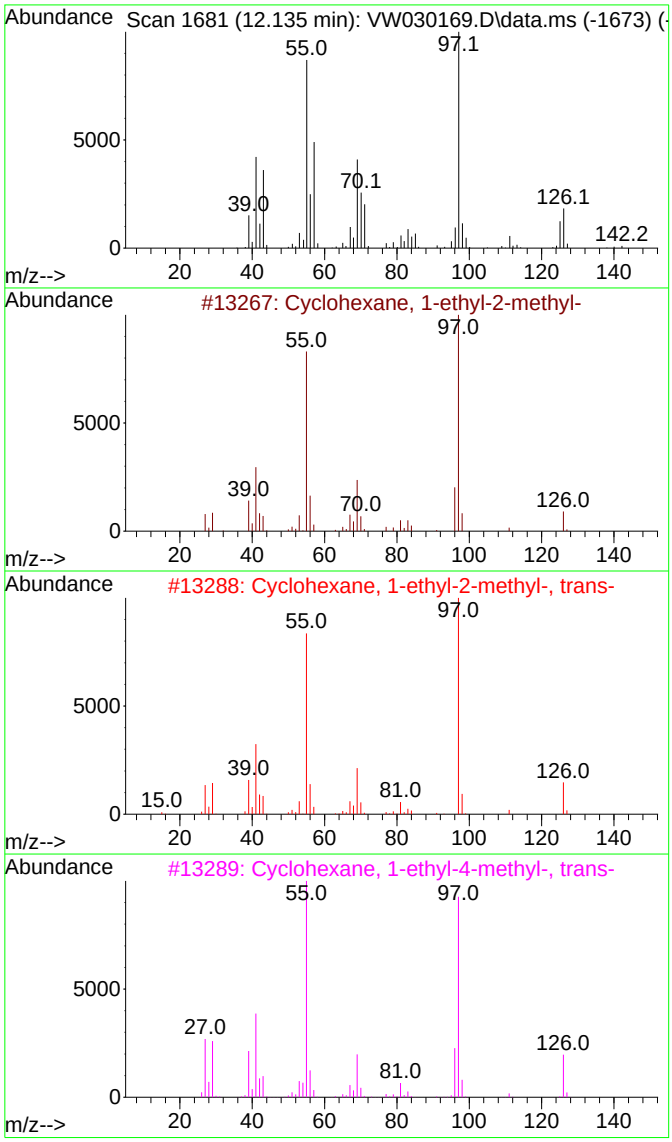
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

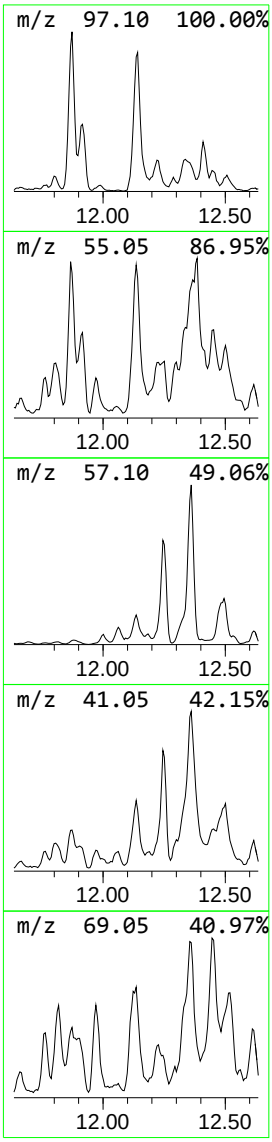
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic12.135 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	11.64 ug/L	419569	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

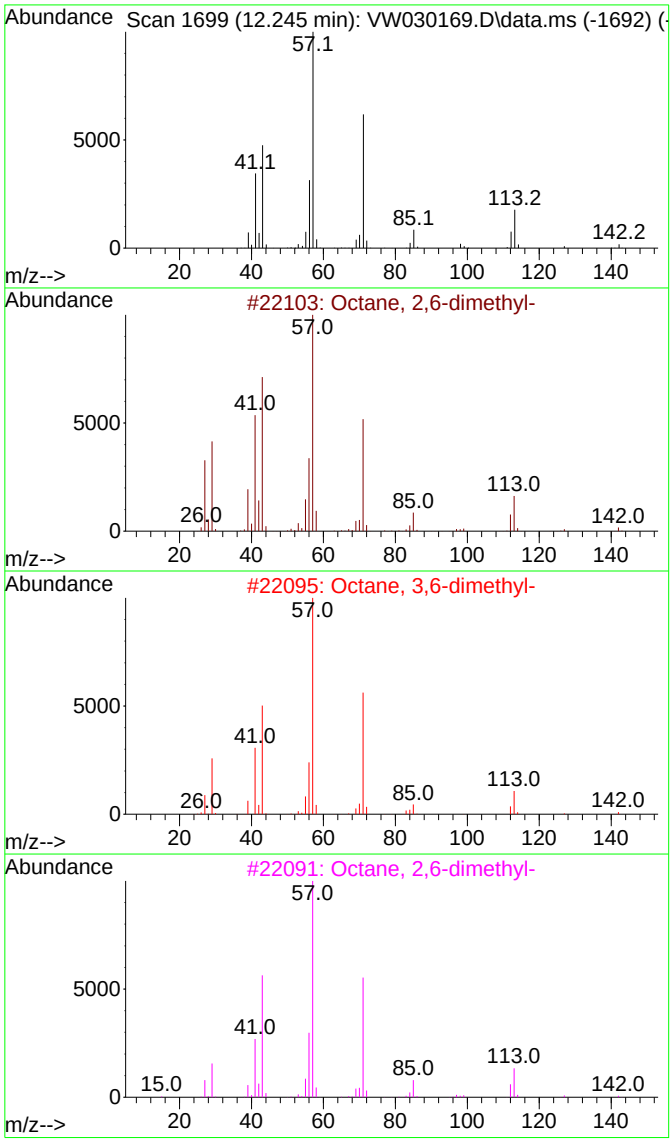
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

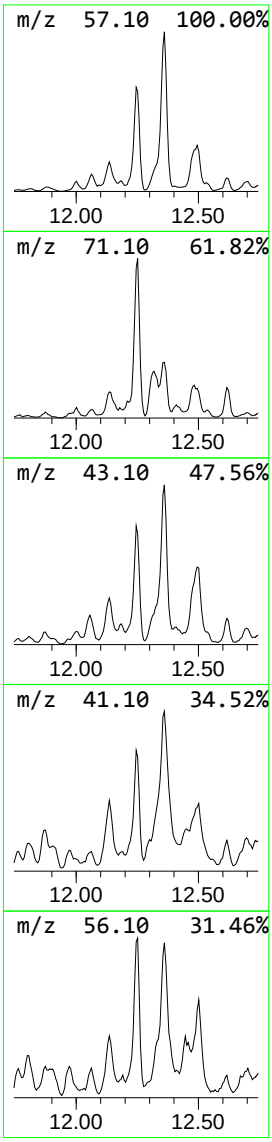
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	11.71 ug/L	422043	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

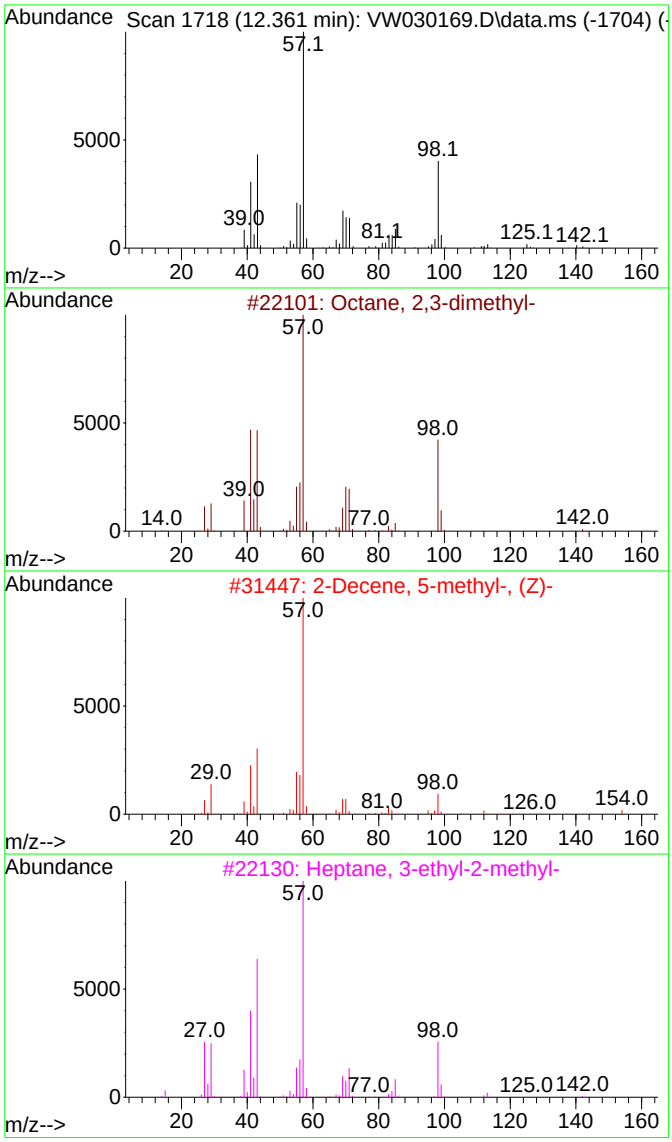
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

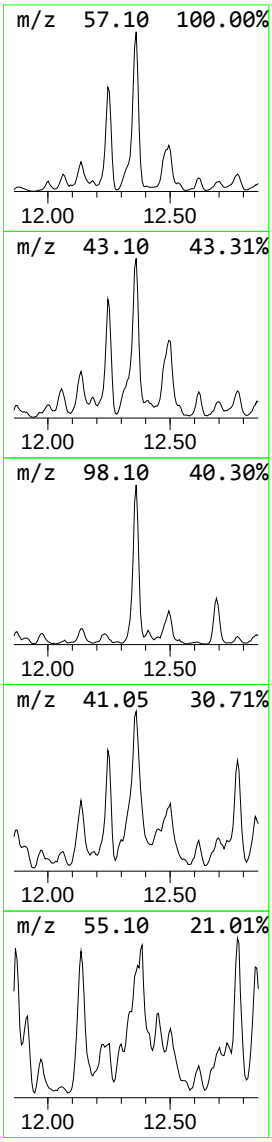
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	35.23 ug/L	1269670	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	74
2	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	72
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	62
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

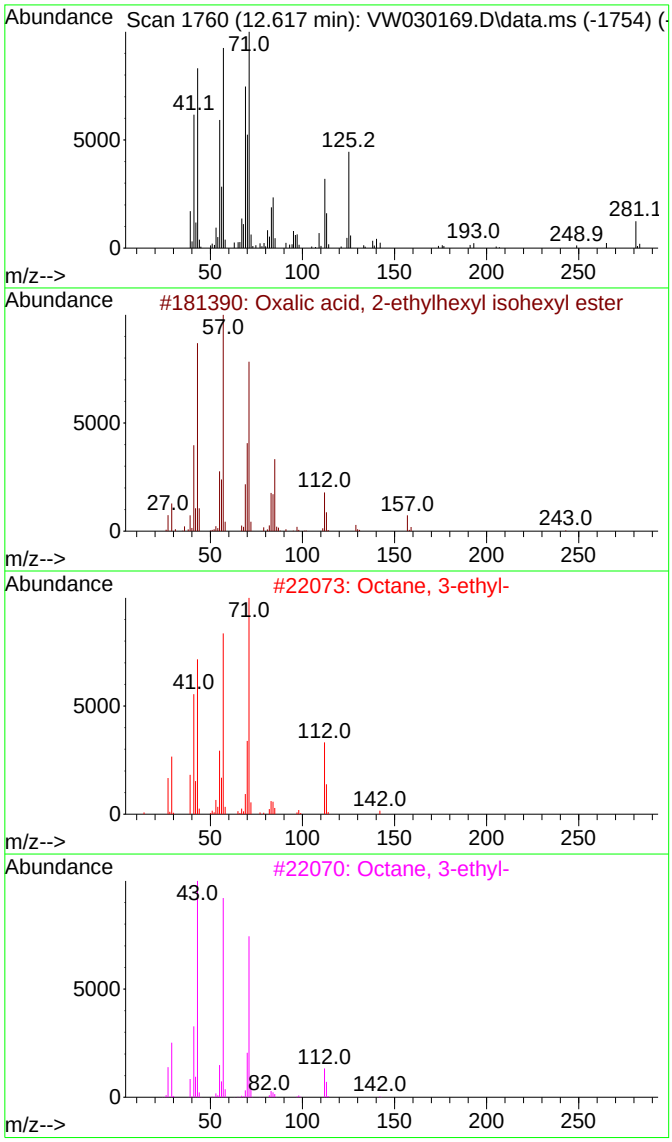
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

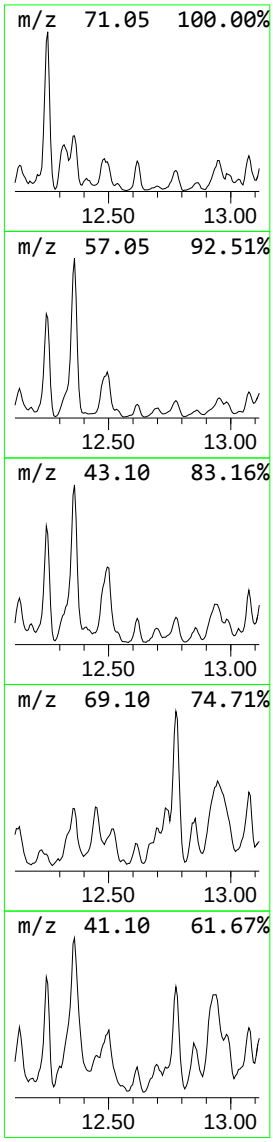
****

Peak Number 18 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	6.91 ug/L	129661	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	47
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	43
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	41
4	Formaldehyde, (2-butenyl)methylh...	112	C6H12N2	068661-51-8	38
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

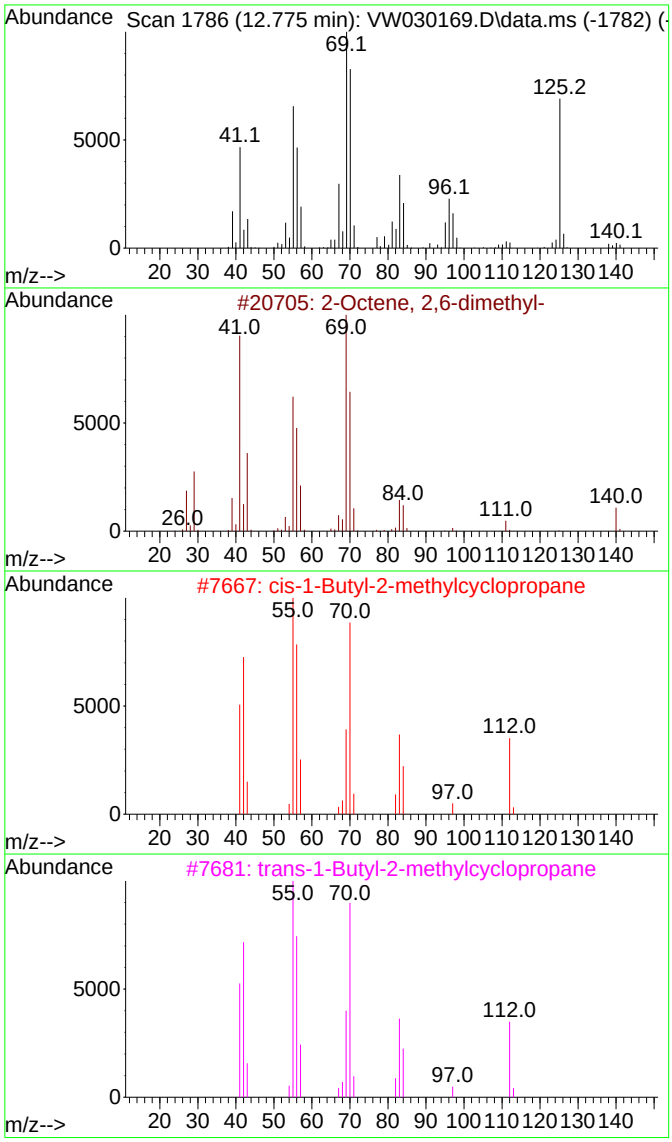
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

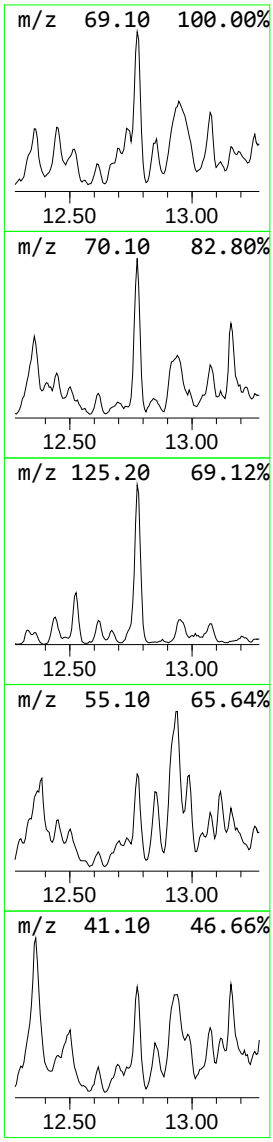
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	28.75 ug/L	539677	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

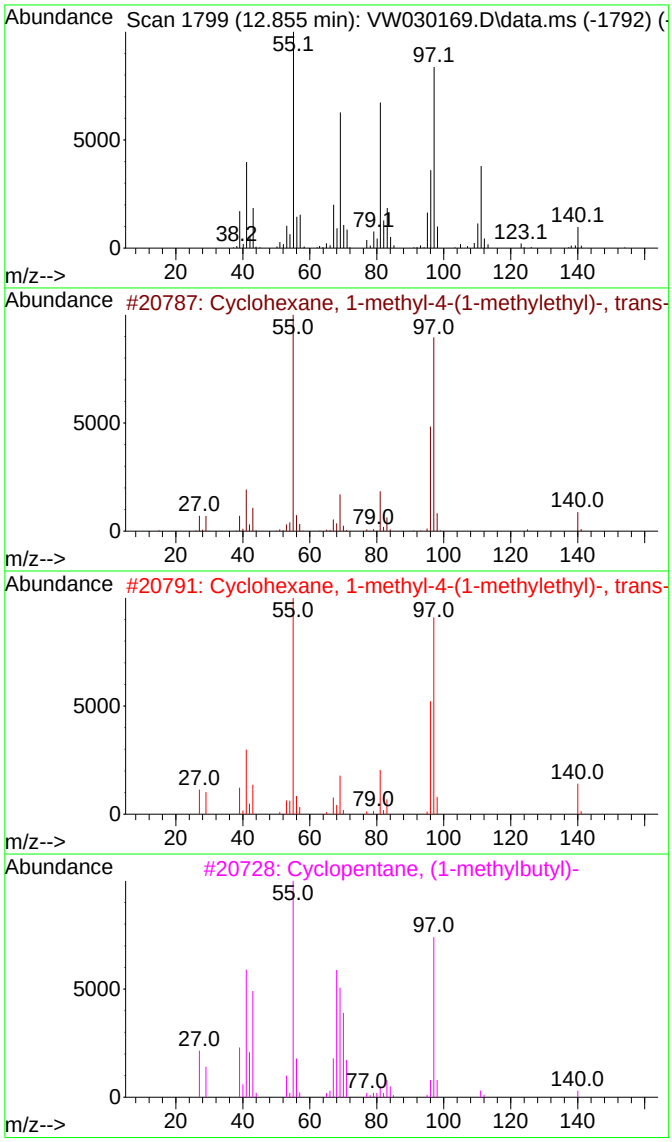
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

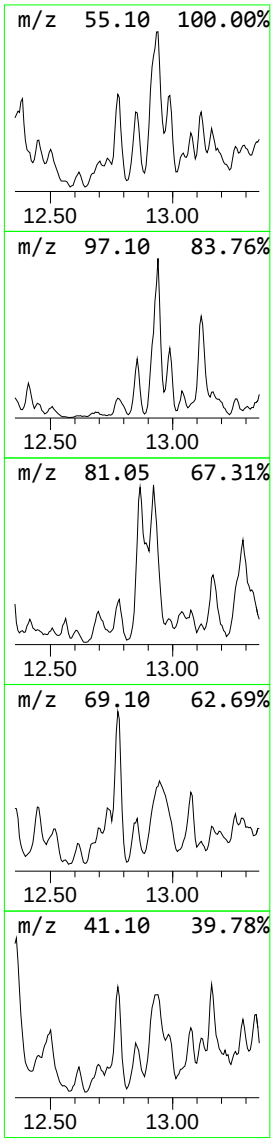
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic12.855 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	18.43 ug/L	345999	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	58
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

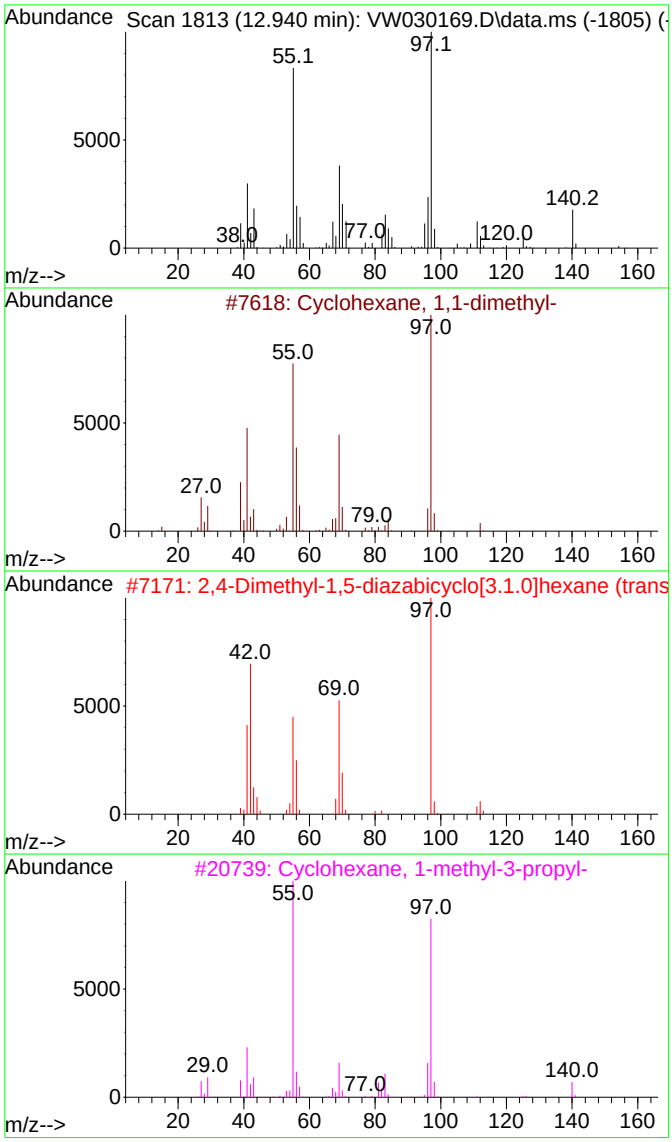
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

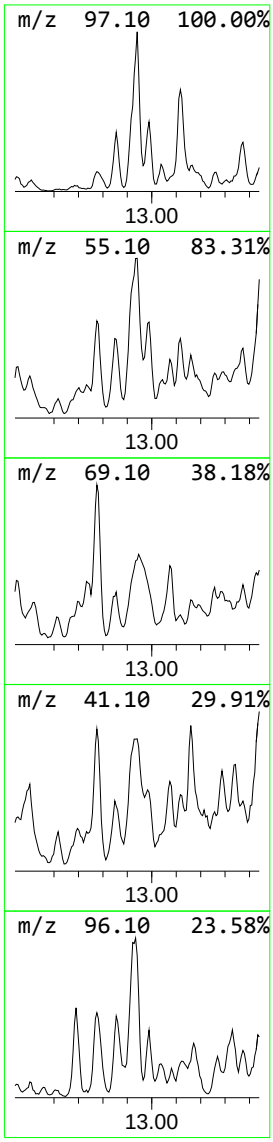
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic12.940 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	39.67 ug/L	744661	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	60
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

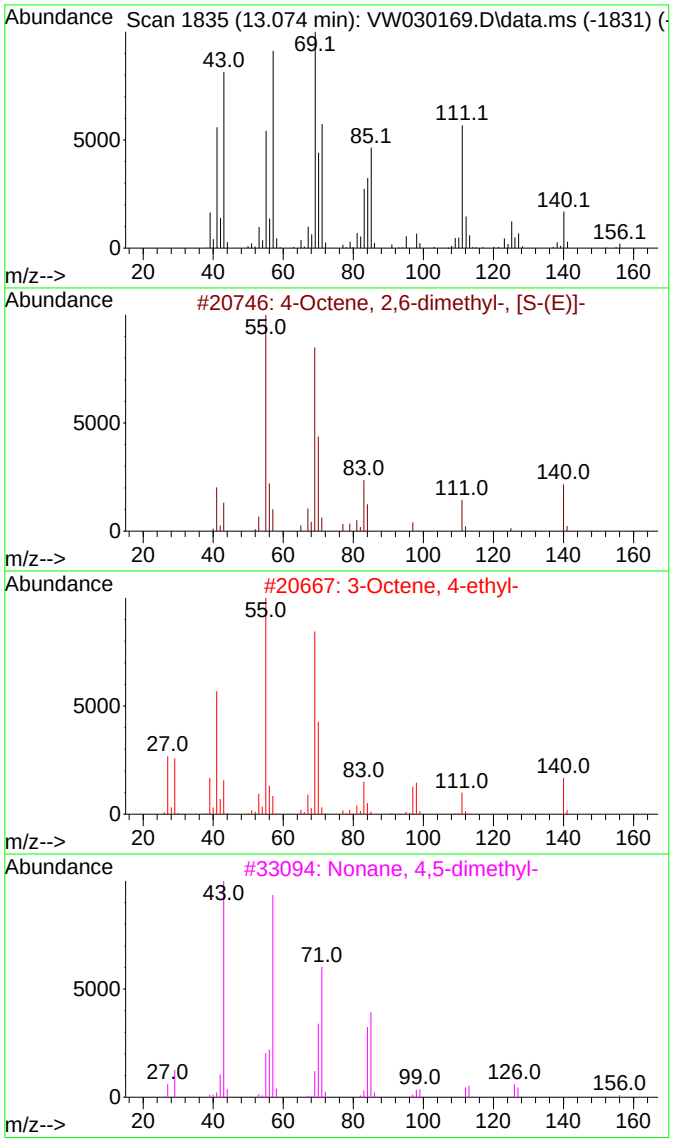
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

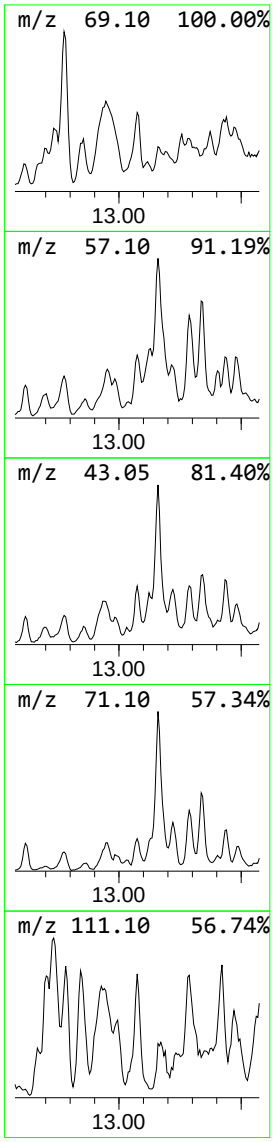
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	8.31 ug/L	155984	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	46
2	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	43
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

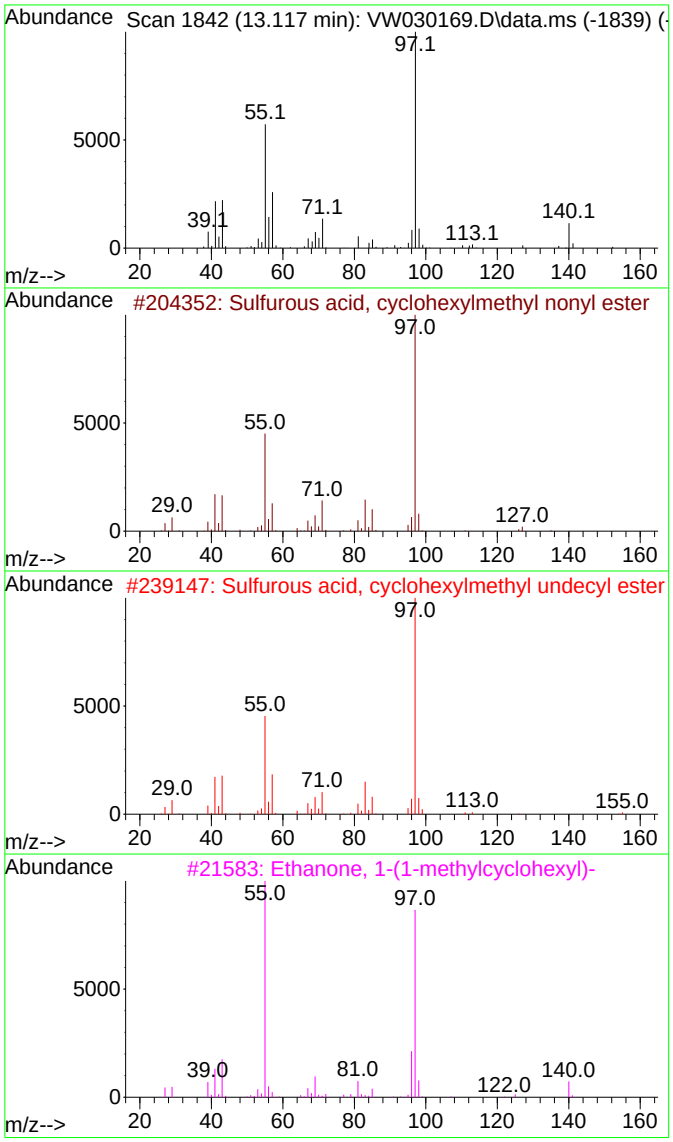
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

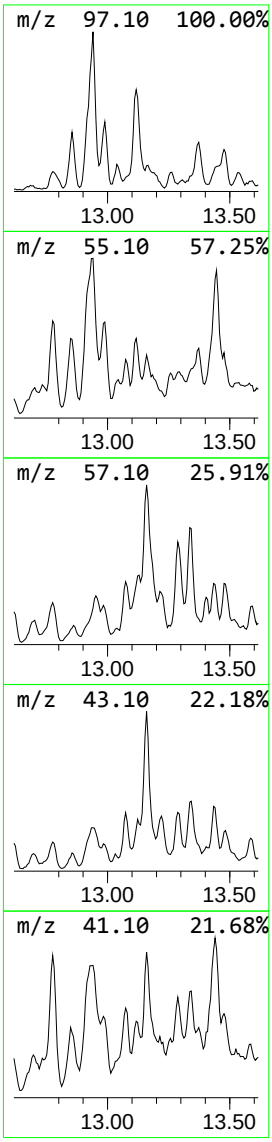
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Sulfurous acid, cyclohexylm... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	6.23 ug/L	116890	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
2	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

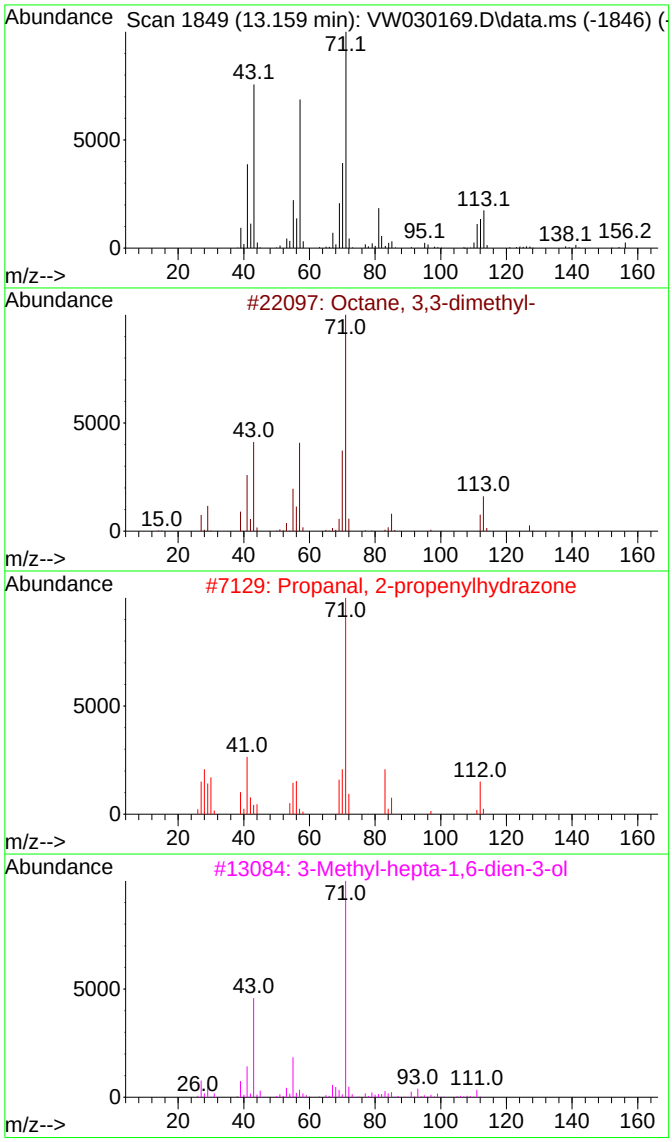
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

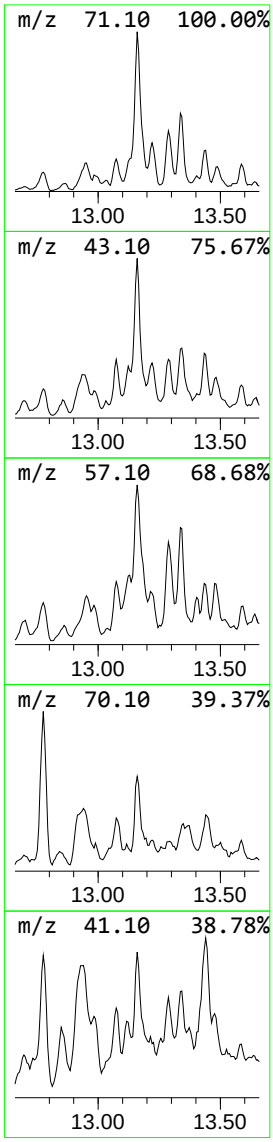
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	17.10 ug/L	320950	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	43
3	3-Methyl-hepta-1,6-dien-3-ol	126	C8H14O	034780-69-3	43
4	3-Heptyl isobutyrate	186	C11H22O2	1000430-90-3	43
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

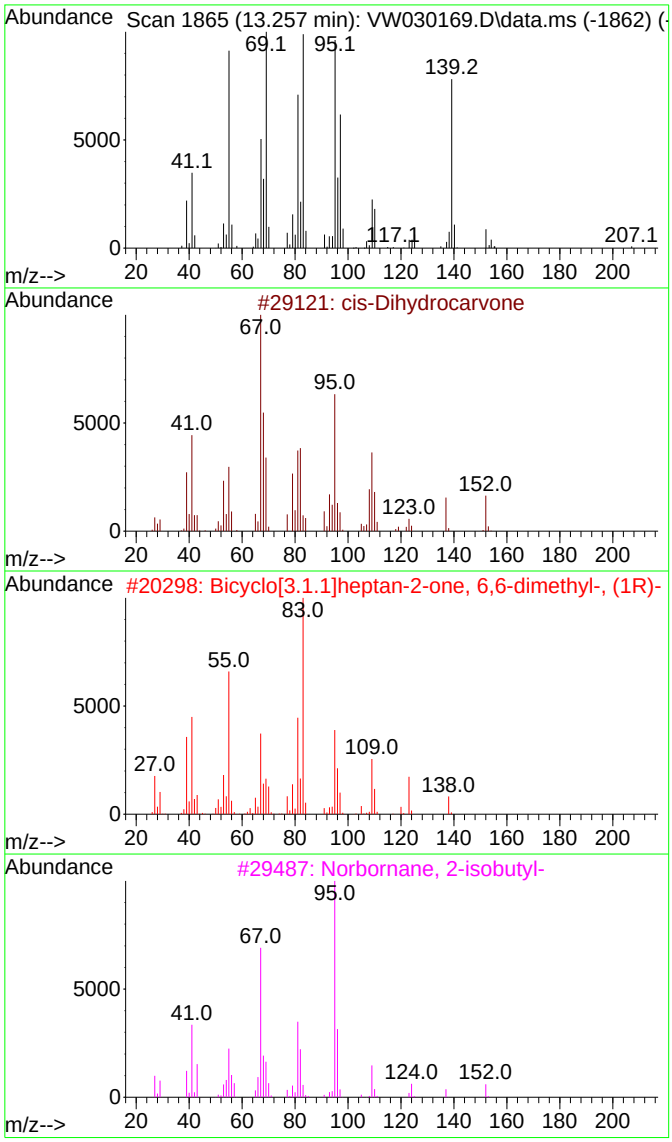
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

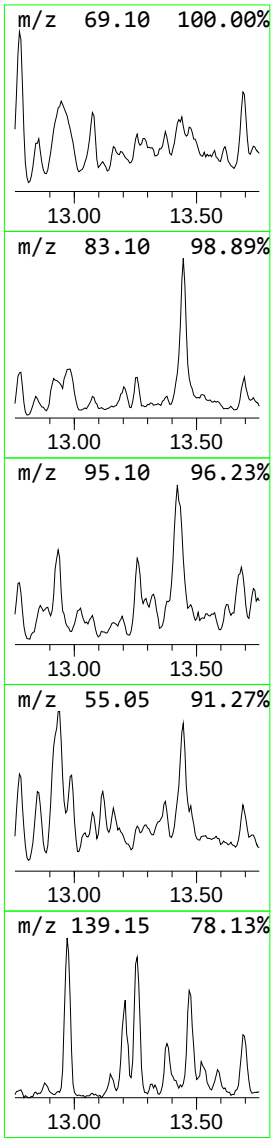
****

Peak Number 25 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	4.53 ug/L	84942	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Dihydrocarvone	152	C10H16O	003792-53-8	25
2	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	25
3	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	25
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	18
5	5-Octen-2-yn-4-ol	124	C8H12O	1010196-87-1	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

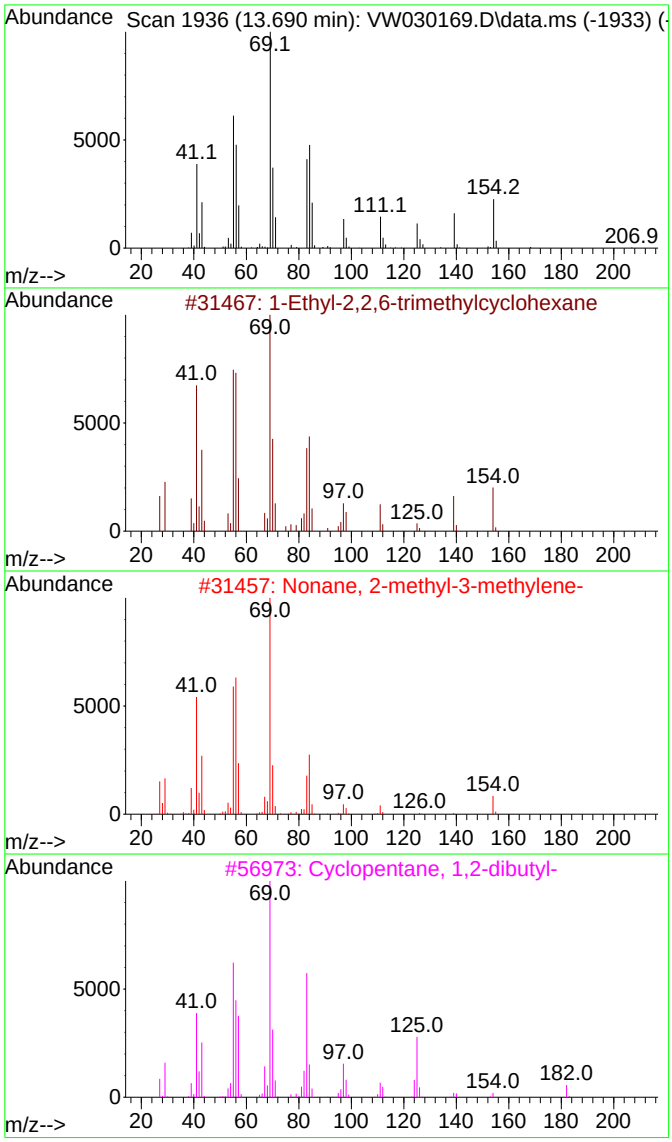
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

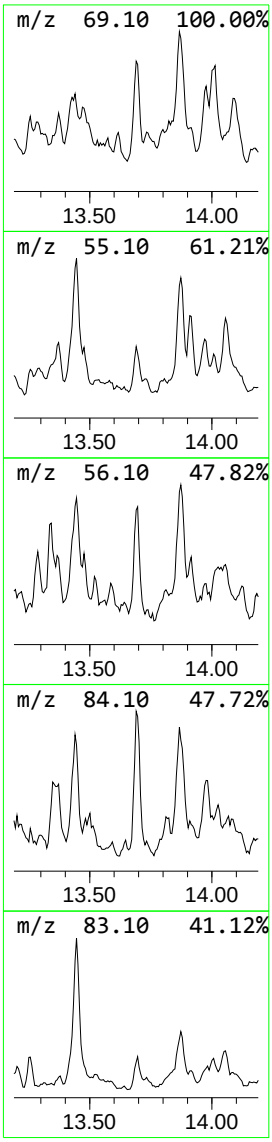
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic13.690 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	9.22 ug/L	173059	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	89
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	74
3	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	53
4	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	50
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

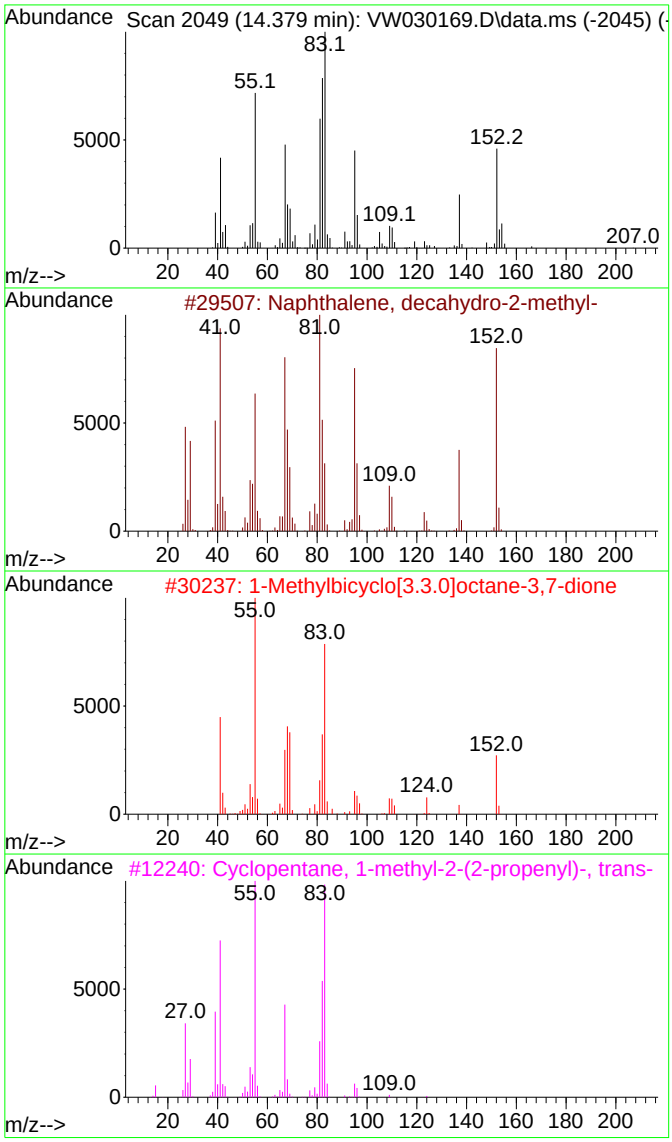
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

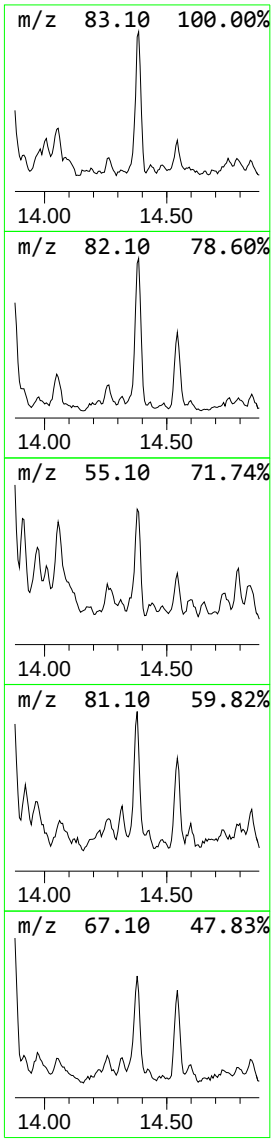
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	20.18 ug/L	378836	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	58
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	47
4	Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

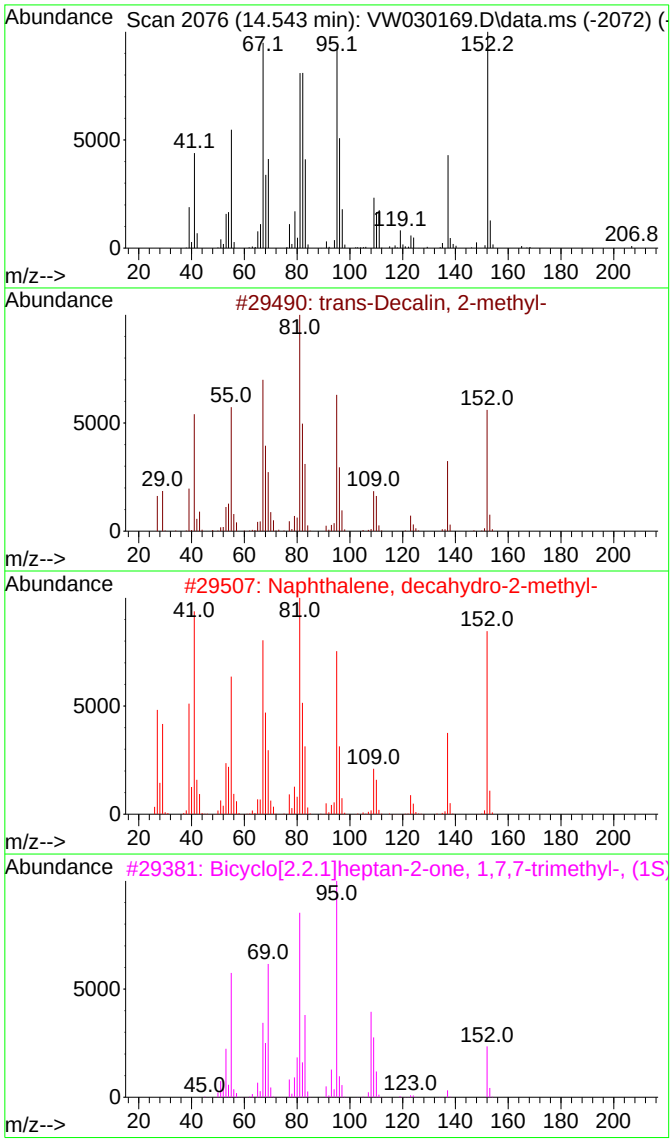
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

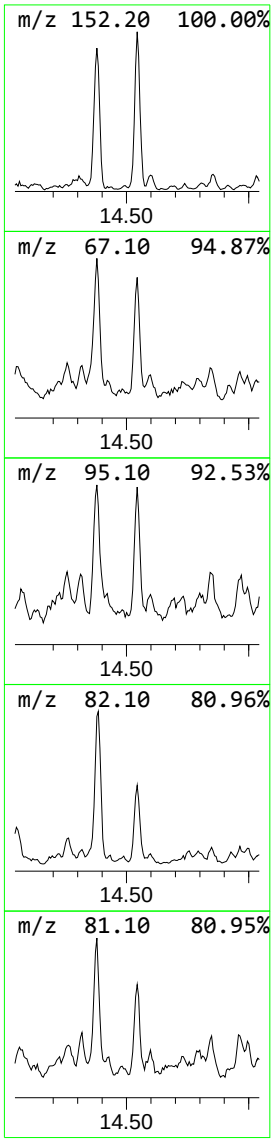
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	13.24 ug/L	248537	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	52
5	Pulegone	152	C10H16O	000089-82-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

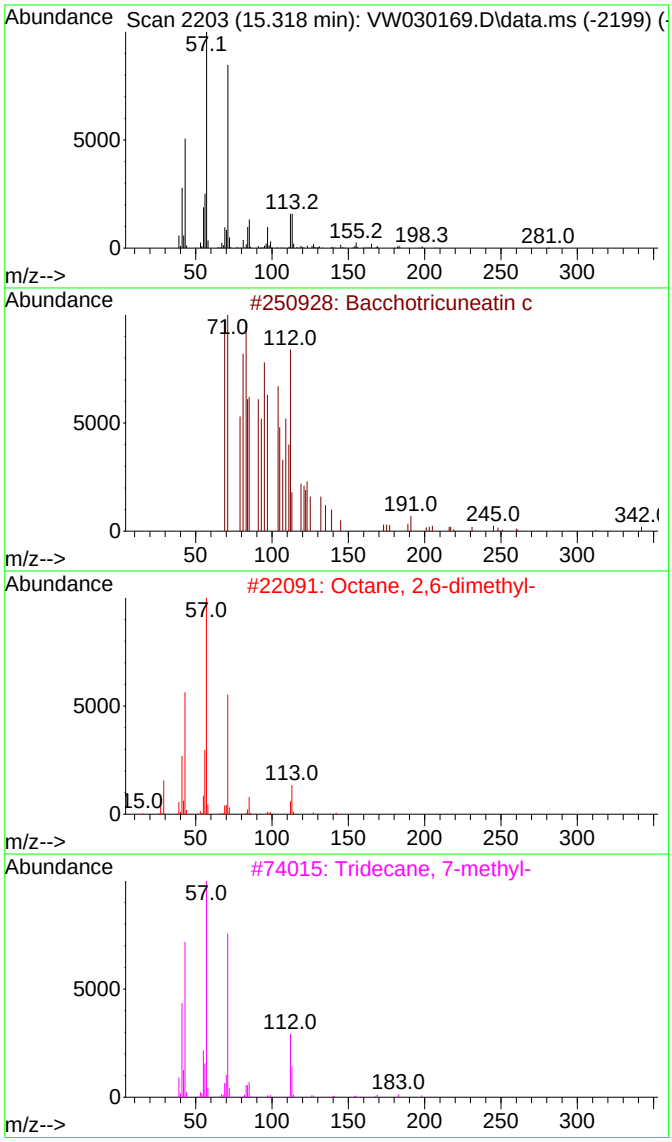
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

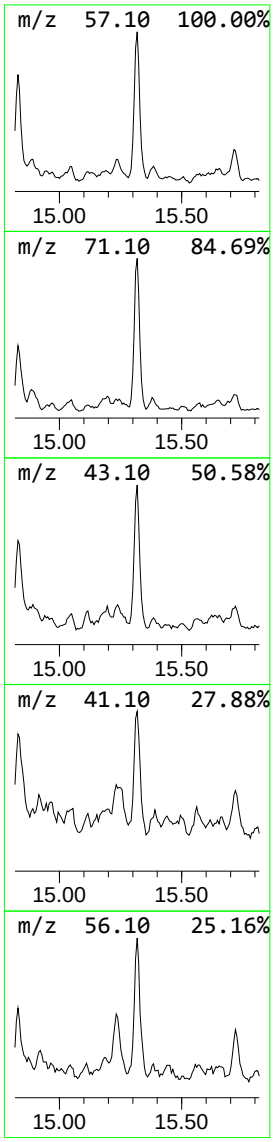
****

Peak Number 29 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	16.64 ug/L	312401	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

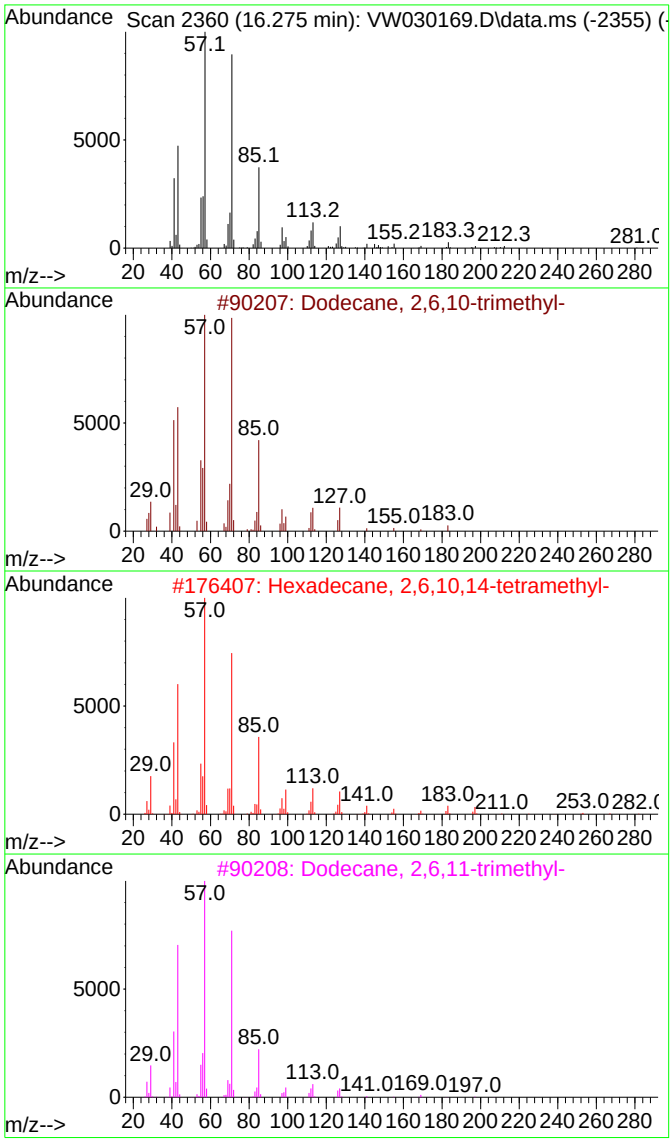
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

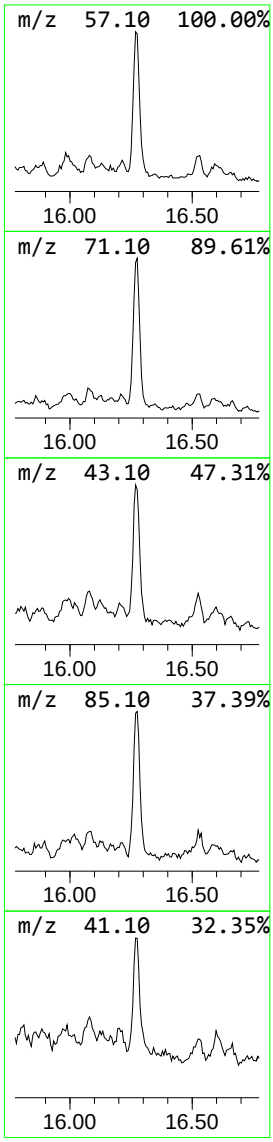
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	11.59 ug/L	217613	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Hexadecane	226	C16H34	000544-76-3	78
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030169.D
Acq On : 20 Sep 2024 11:33
Operator : SY/MD
Sample : P4109-02RE
Misc : 6.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EH5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.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...	10.508	1.6	ug/L	57083	2	11.629	900997	25.0
(DEL) Alkane: S...	11.032	2.5	ug/L	88743	2	11.629	900997	25.0
(DEL) Alkane: C...	11.178	2.1	ug/L	74296	2	11.629	900997	25.0
(DEL) Alkane: C...	11.227	9.3	ug/L	336568	2	11.629	900997	25.0
unknown-01	11.331	4.9	ug/L	177543	2	11.629	900997	25.0
(DEL) Alkane: S...	11.379	1.6	ug/L	59029	2	11.629	900997	25.0
(DEL) Alkane: C...	11.434	4.0	ug/L	143724	2	11.629	900997	25.0
(DEL) Alkane: S...	11.501	1.4	ug/L	49539	2	11.629	900997	25.0
(DEL) Alkane: C...	11.763	2.0	ug/L	72097	2	11.629	900997	25.0
(DEL) Alkane: S...	11.806	2.8	ug/L	100277	2	11.629	900997	25.0
(DEL) Alkane: C...	11.873	5.2	ug/L	185549	2	11.629	900997	25.0
(DEL) Alkane: S...	11.971	3.8	ug/L	138126	2	11.629	900997	25.0
2-Nonanol, trim...	12.056	1.7	ug/L	61130	2	11.629	900997	25.0
(DEL) Alkane: C...	12.135	11.6	ug/L	419569	2	11.629	900997	25.0
(DEL) Alkane: S...	12.245	11.7	ug/L	422043	2	11.629	900997	25.0
(DEL) Alkane: S...	12.361	35.2	ug/L	1269670	2	11.629	900997	25.0
unknown-02	12.617	6.9	ug/L	129661	3	13.556	469291	25.0
(DEL) Alkane: S...	12.775	28.8	ug/L	539677	3	13.556	469291	25.0
(DEL) Alkane: C...	12.855	18.4	ug/L	345999	3	13.556	469291	25.0
(DEL) Alkane: C...	12.940	39.7	ug/L	744661	3	13.556	469291	25.0
(DEL) Alkane: S...	13.074	8.3	ug/L	155984	3	13.556	469291	25.0
Sulfurous acid,...	13.117	6.2	ug/L	116890	3	13.556	469291	25.0
(DEL) Alkane: S...	13.159	17.1	ug/L	320950	3	13.556	469291	25.0
unknown-03	13.257	4.5	ug/L	84942	3	13.556	469291	25.0
(DEL) Alkane: C...	13.690	9.2	ug/L	173059	3	13.556	469291	25.0
Naphthalene, de...	14.379	20.2	ug/L	378836	3	13.556	469291	25.0
trans-Decalin, ...	14.543	13.2	ug/L	248537	3	13.556	469291	25.0
Bacchotricuneat...	15.318	16.6	ug/L	312401	3	13.556	469291	25.0
(DEL) Alkane: S...	16.275	11.6	ug/L	217613	3	13.556	469291	25.0