LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

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\SFAMWLM120921SMA.M
Title : SFAM01.0

Signal : TIC: VW021470.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	60	72	81	rBV	50295	90380	0.95%	0.108%
2	4.001	334	344	357	rBV	72815	211604	2.23%	0.254%
3	4.946	476	499	515	rBV5	22934	113841	1.20%	0.136%
4	5.421	564	577	593	rBV2	25313	89715	0.95%	0.108%
5	5.934	650	661	674	rVB	47697	140778	1.48%	0.169%
6	6.903	804	820	826	rBV6	22024	94458	1.00%	0.113%
7	6.976	826	832	844	rVB2	29976	87909	0.93%	0.105%
8	7.647	931	942	959	rBV	89366	240123	2.53%	0.288%
9	7.921	977	987	997	rBV3	81572	212263	2.24%	0.254%
10	8.031	997	1005	1015	rVB2	34608	89053	0.94%	0.107%
11	8.153	1015	1025	1033	rBV	108718	248653	2.62%	0.298%
12	8.275	1036	1045	1062	rVB2	173714	539806	5.69%	0.647%
13	8.427	1062	1070	1074	rBV3	30890	79723	0.84%	0.096%
14	8.494	1075	1081	1088	rVV4	30684	103113	1.09%	0.124%
15	8.689	1104	1113	1126	rVB	47365	102316	1.08%	0.123%
16	8.842	1129	1138	1149	rBV	209939	424486	4.48%	0.509%
17	9.067	1168	1175	1183	rBV	36746	84212	0.89%	0.101%
18	9.274	1201	1209	1214	rBV	120959	290553	3.06%	0.348%
19	9.329	1214	1218	1224	rVV3	117704	257671	2.72%	0.309%
20	9.409	1224	1231	1237	rVB3	29240	87560	0.92%	0.105%
21	9.896	1300	1311	1316	rBV	43771	95311	1.01%	0.114%
22	9.957	1316	1321	1325	rVV	65549	122095	1.29%	0.146%
23	10.036	1329	1334	1338	rVV	57141	97292	1.03%	0.117%
24	10.097	1338	1344	1356	rVB	76297	170031	1.79%	0.204%
25	10.323	1374	1381	1386	rBV	335089	615973	6.50%	0.738%
26	10.384	1386	1391	1398	rVB	241697	435550	4.59%	0.522%
27	10.500	1404	1410	1417	rVB5	55200	119179	1.26%	0.143%
28	10.579	1417	1423	1432	rBV	43641	89106	0.94%	0.107%
29	10.756	1444	1452	1458	rBV4	47561	123835	1.31%	0.148%
30	10.841	1461	1466	1472	rVB3	41371	89680	0.95%	0.107%
31	10.927	1472	1480	1486	rBV2	93819	215405	2.27%	0.258%
32	11.030	1493	1497	1500	rVV2	66753	121351	1.28%	0.145%
33	11.067	1500	1503	1507	rVV2	75259	123938	1.31%	0.149%
34	11.109	1507	1510	1513	rVV3	53321	89124	0.94%	0.107%
35	11.176	1517	1521	1526	rVV	109520	211784	2.23%	0.254%
36	11.225	1526	1529	1533	rVV	82448	147713	1.56%	0.177%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

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\SFAMWLM120921SMA.M
Title : SFAM01.0

37	11.274	1533	1537	1543	rVV2	57051	128121	1.35%	0.154%
38	11.335	1543	1547	1551	rVV	83546	140419	1.48%	0.168%
39	11.408	1551	1559	1571	rVB2	258108	731265	7.71%	0.876%
40	11.512	1571	1576	1581	rBV	230668	377269	3.98%	0.452%
41	11.628	1587	1595	1604	rBV	292912	582767	6.15%	0.698%
42	11.731	1604	1612	1621	rBV	4030508	6560009	69.19%	7.861%
43	11.835	1621	1629	1639	rBV	2002221	4313498	45.49%	5.169%
44	11.914	1639	1642	1648	rVB2	143921	229549	2.42%	0.275%
45	12.060	1658	1666	1671	rVB4	89440	189915	2.00%	0.228%
46	12.164	1671	1683	1690	rBV	1933612	3883950	40.96%	4.654%
47	12.249	1693	1697	1701	rVB	232292	358563	3.78%	0.430%
48	12.335	1701	1711	1714	rBV3	302489	769281	8.11%	0.922%
49	12.384	1716	1719	1723	rVB	216833	301220	3.18%	0.361%
50	12.463	1726	1732	1737	rBV	1054576	1698382	17.91%	2.035%
51	12.536	1742	1744	1747	rVV	208711	321225	3.39%	0.385%
52	12.566	1747	1749	1754	rVB	260174	292706	3.09%	0.351%
53	12.646	1759	1762	1766	rVB	216408	261903	2.76%	0.314%
54	12.695	1766	1770	1775	rVB4	147579	228329	2.41%	0.274%
55	12.804	1780	1788	1792	rVB	842492	1556244	16.41%	1.865%
56	12.865	1792	1798	1801	rBV	1405029	2314127	24.41%	2.773%
57	12.896	1801	1803	1806	rVV	590917	787930	8.31%	0.944%
58	12.938	1806	1810	1815	rVB	849650	1370490	14.45%	1.642%
59	12.987	1815	1818	1824	rVB2	185477	304286	3.21%	0.365%
60	13.103	1824	1837	1843	rBV	1557292	3000010	31.64%	3.595%
61	13.164	1843	1847	1851	rBV2	244832	330424	3.48%	0.396%
62	13.249	1855	1861	1866	rBV	4777830	7165891	75.58%	8.587%
63	13.383	1872	1883	1887	rBV2	339477	945424	9.97%	1.133%
64	13.438	1888	1892	1897	rVV2	669269	1111660	11.72%	1.332%
65	13.487	1897	1900	1907	rVB3	328324	597661	6.30%	0.716%
66	13.585	1907	1916	1921	rBV	1709701	3135793	33.07%	3.758%
67	13.719	1932	1938	1939	rBV	465051	688935	7.27%	0.826%
68	13.749	1939	1943	1948	rVV2	1731083	2977922	31.41%	3.568%
69	13.798	1948	1951	1957	rVV3	624145	1187934	12.53%	1.423%
70	13.877	1957	1964	1968	rVV4	509212	1074692	11.33%	1.288%
71	13.944	1969	1975	1980	rVV2	582295	1011565	10.67%	1.212%
72	14.005	1980	1985	1988	rVV	697537	1226979	12.94%	1.470%
73	14.036	1988	1990	1995	rVV	768150	1003780	10.59%	1.203%
74	14.091	1995	1999	2005	rVB	970338	1429704	15.08%	1.713%
75	14.200	2012	2017	2022	rVB2	555707	915918	9.66%	1.098%
76	14.255	2022	2026	2033	rVB4	153426	332972	3.51%	0.399%

LSC Area Percent Report

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Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

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\SFAMWLM120921SMA.M
Title : SFAM01.0

77	14.334	2033	2039	2043	rBV3	460728	889110	9.38%	1.065%
78	14.414	2048	2052	2055	rVV	789130	1275037	13.45%	1.528%
79	14.450	2055	2058	2063	rVV	813562	1239762	13.08%	1.486%
80	14.493	2063	2065	2070	rVV2	225848	301791	3.18%	0.362%
81	14.548	2071	2074	2080	rVV2	72626	148369	1.56%	0.178%
82	14.633	2080	2088	2092	rVB3	187233	393539	4.15%	0.472%
83	14.682	2092	2096	2100	rBV3	264290	453859	4.79%	0.544%
84	14.725	2100	2103	2108	rVB2	200541	298189	3.14%	0.357%
85	14.792	2108	2114	2121	rBV3	604770	1535378	16.19%	1.840%
86	14.853	2121	2124	2130	rVB	103239	174506	1.84%	0.209%
87	14.950	2136	2140	2145	rBV	148489	241520	2.55%	0.289%
88	15.060	2153	2158	2167	rBV2	234047	506323	5.34%	0.607%
89	15.176	2172	2177	2184	rVB3	272211	553409	5.84%	0.663%
90	15.365	2195	2208	2215	rBV	5194560	9481700	100.00%	11.362%
91	15.462	2219	2224	2229	rBV3	126932	217167	2.29%	0.260%
92	15.548	2235	2238	2247	rVB4	94305	169033	1.78%	0.203%
93	15.651	2247	2255	2261	rBV3	128234	278474	2.94%	0.334%
94	15.816	2278	2282	2286	rBV2	44989	74315	0.78%	0.089%
95	15.944	2298	2303	2309	rVB2	62367	112311	1.18%	0.135%
96	16.023	2310	2316	2321	rVB3	40937	87952	0.93%	0.105%
97	16.169	2336	2340	2346	rVB3	52929	98125	1.03%	0.118%
98	16.365	2363	2372	2377	rBV3	85888	215979	2.28%	0.259%
99	16.432	2377	2383	2389	rBV	306046	665074	7.01%	0.797%
100	16.639	2401	2417	2430	rVB	649132	1747845	18.43%	2.094%

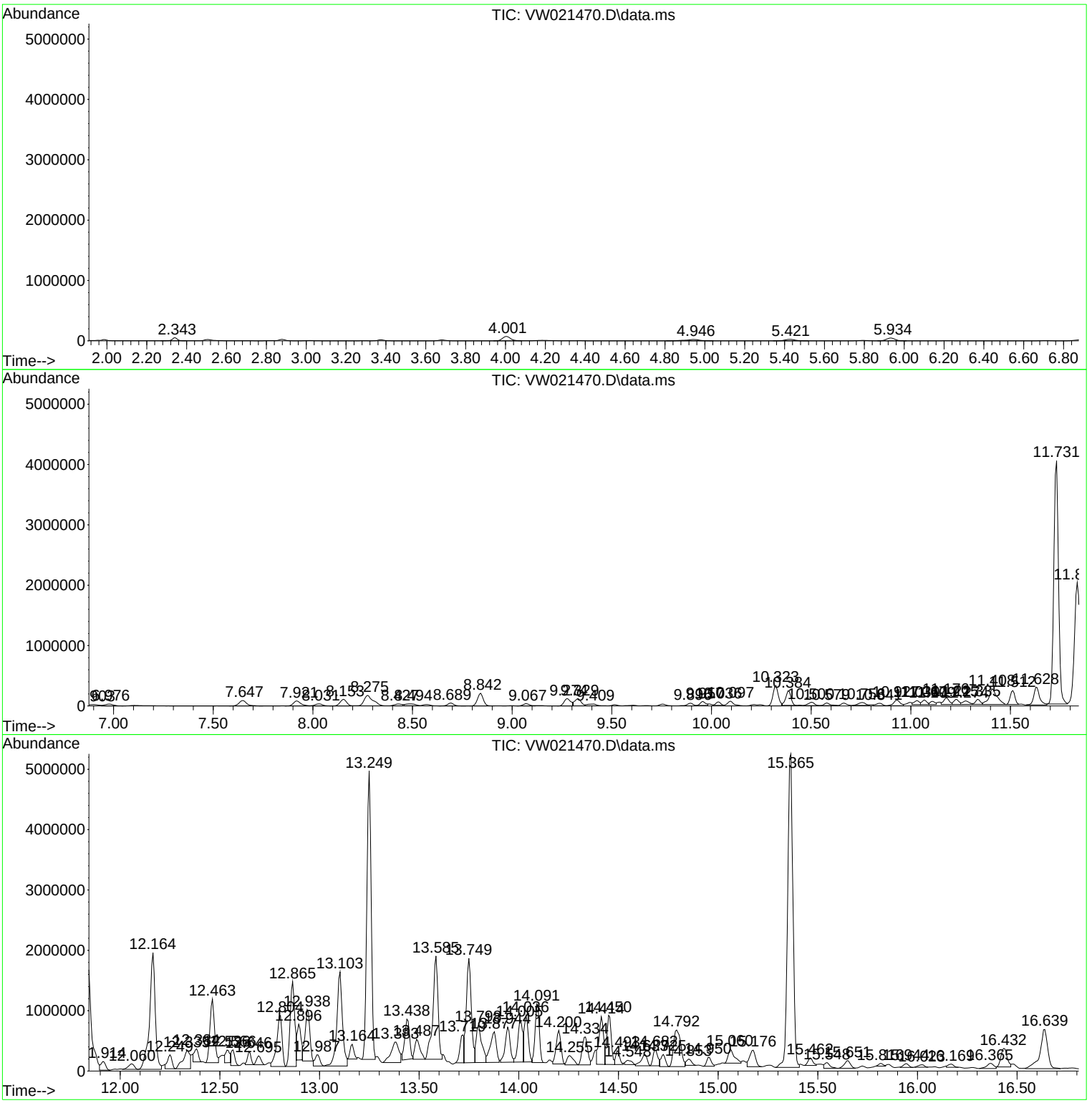
Sum of corrected areas: 83453063

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

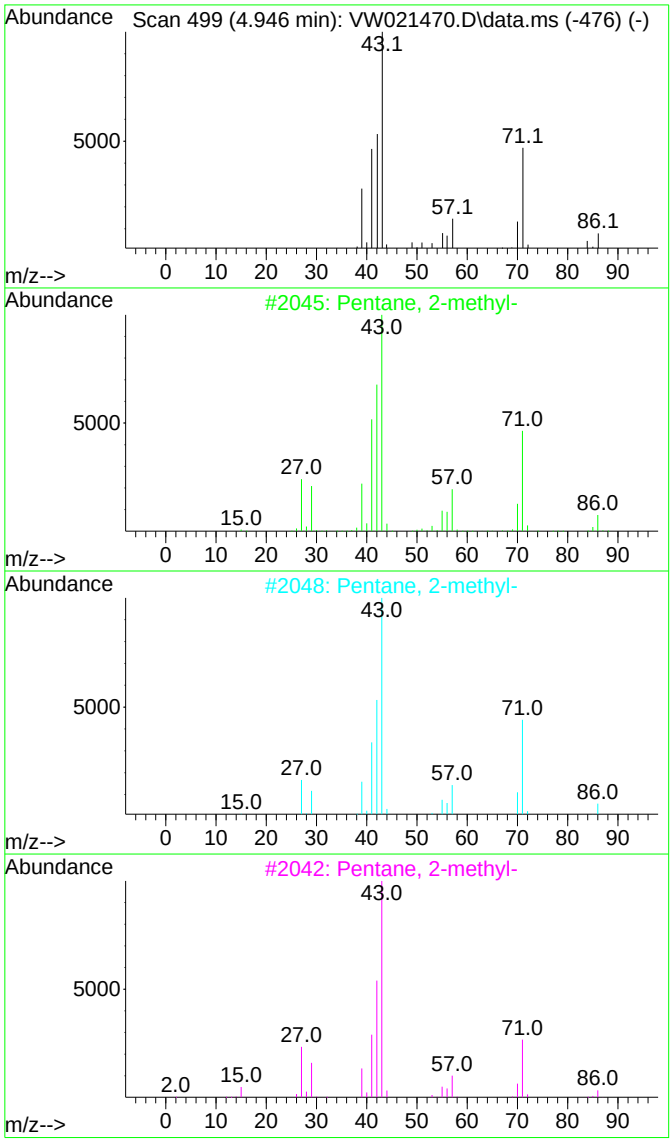
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

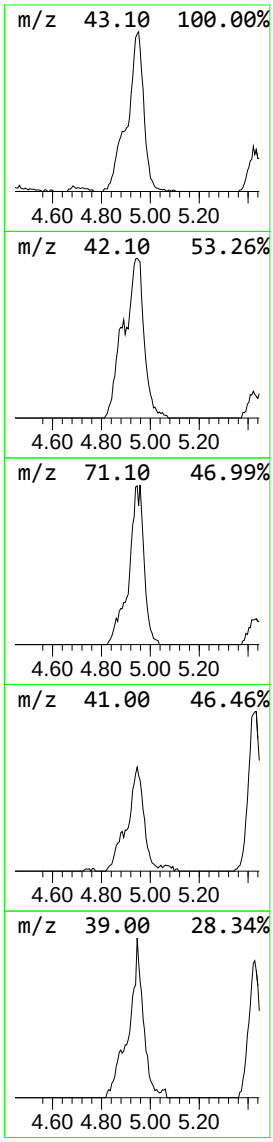
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	6.70 ug/L	113841	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

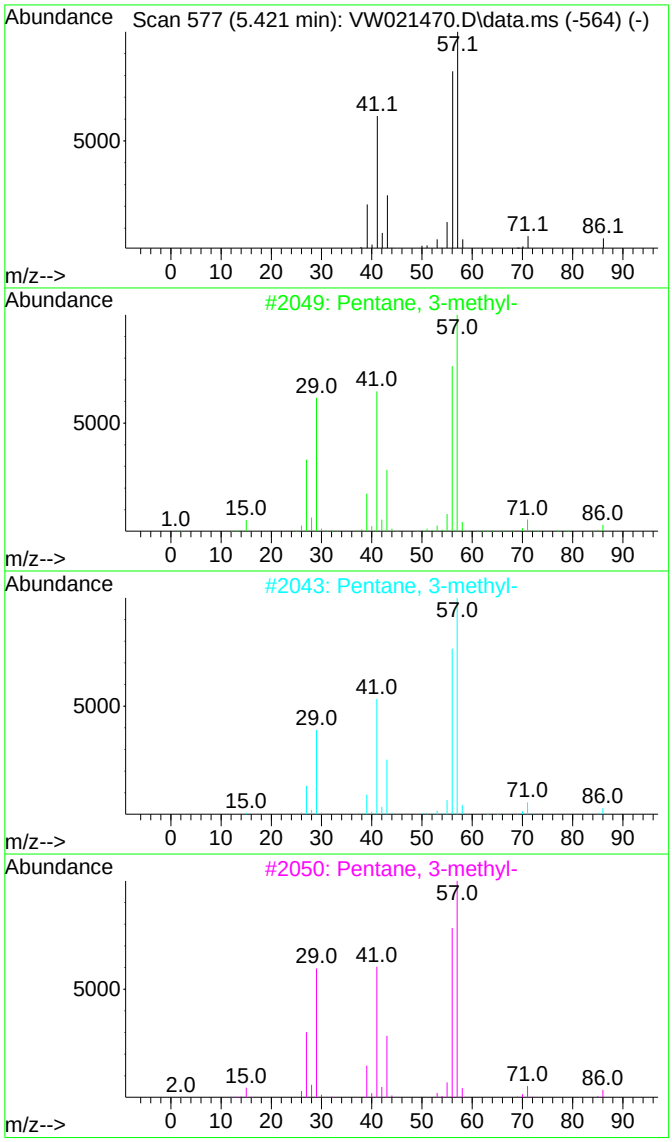
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

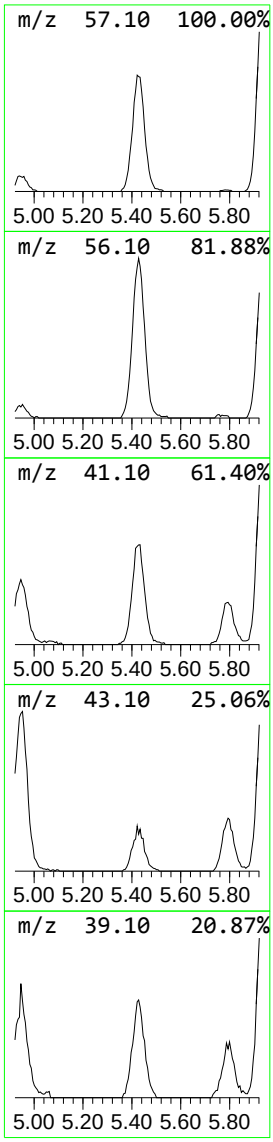
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.421	5.28 ug/L	89715	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

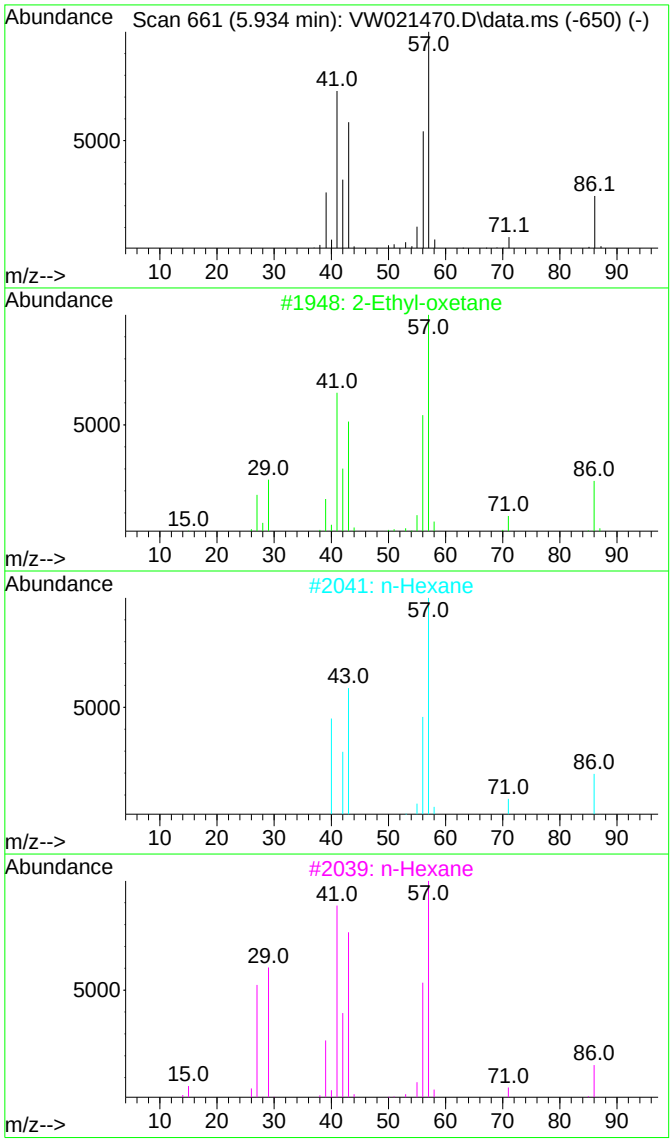
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

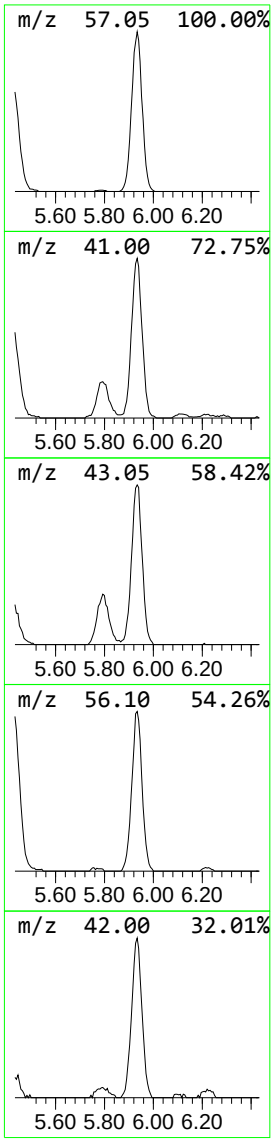
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	8.29 ug/L	140778	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

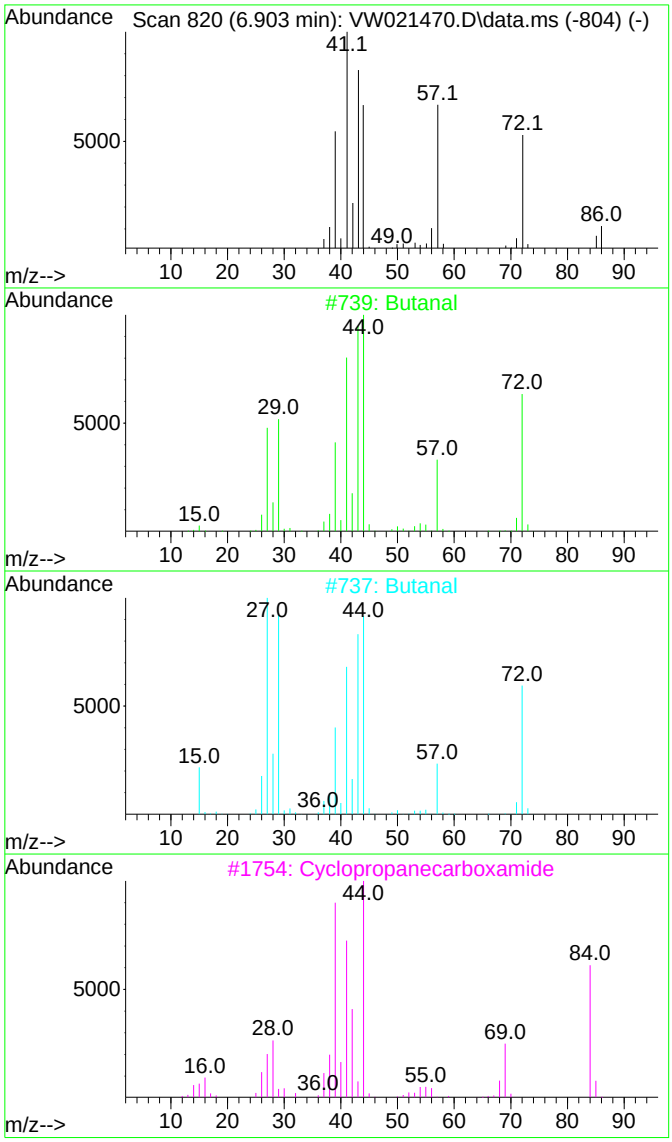
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

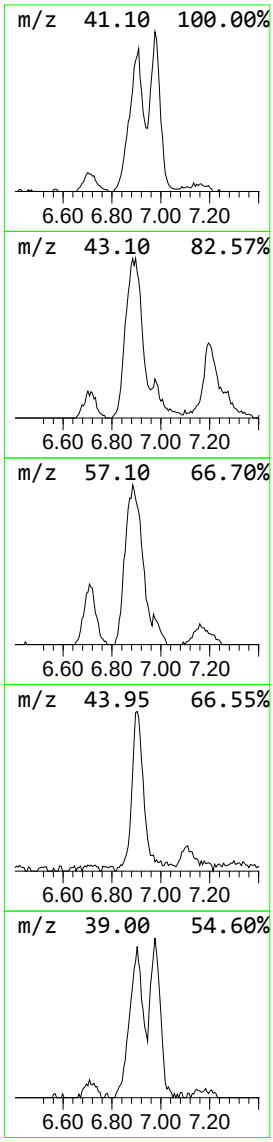
****

Peak Number 4 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.903	5.56 ug/L	94458	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	49
2	Butanal	72	C4H8O	000123-72-8	49
3	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	46
4	Butanal	72	C4H8O	000123-72-8	38
5	Methacrylamide	85	C4H7NO	000079-39-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

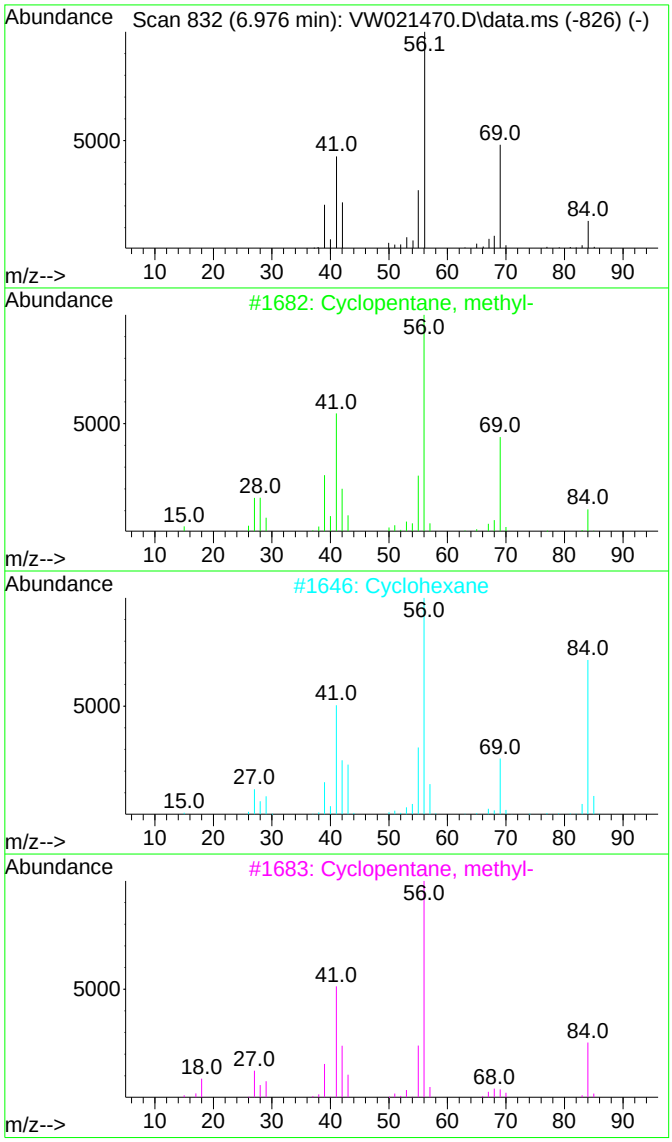
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

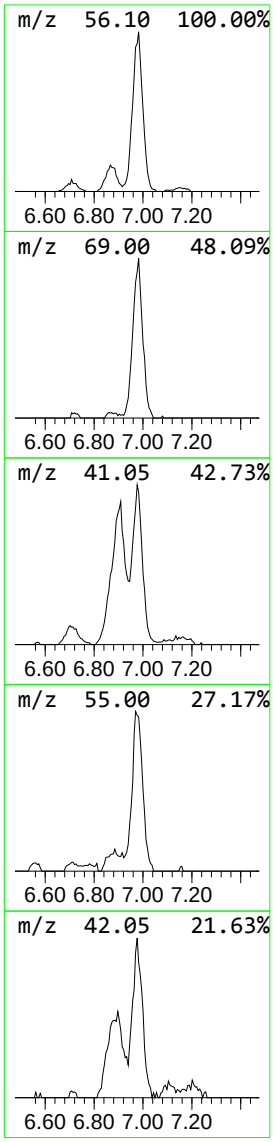
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.976 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.976	5.18 ug/L	87909	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

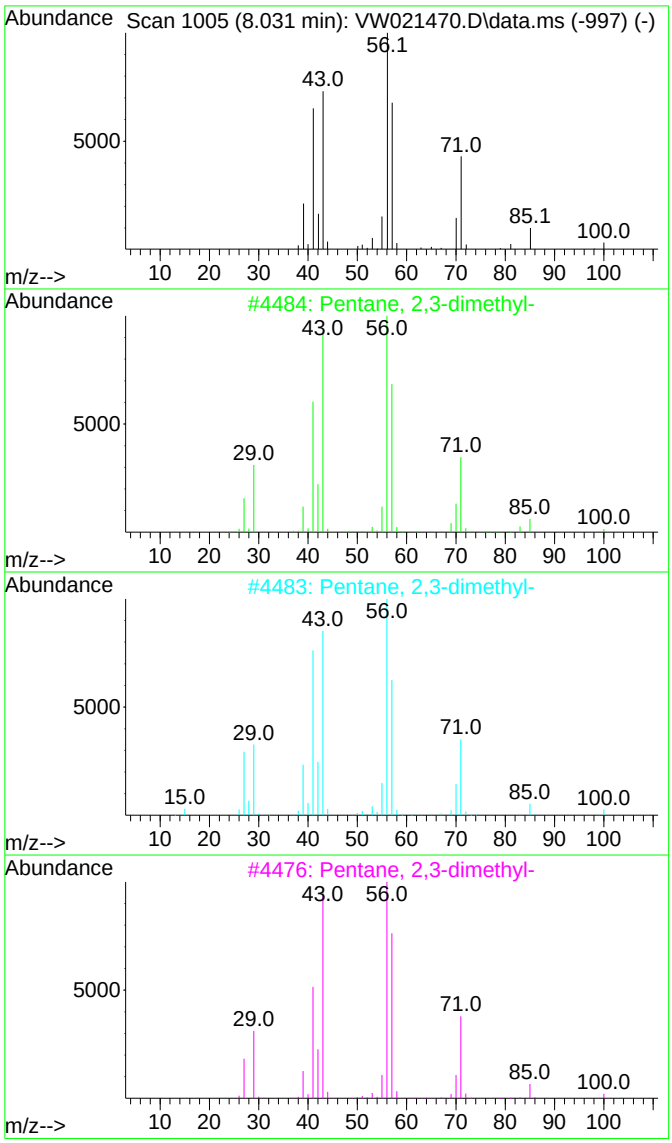
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

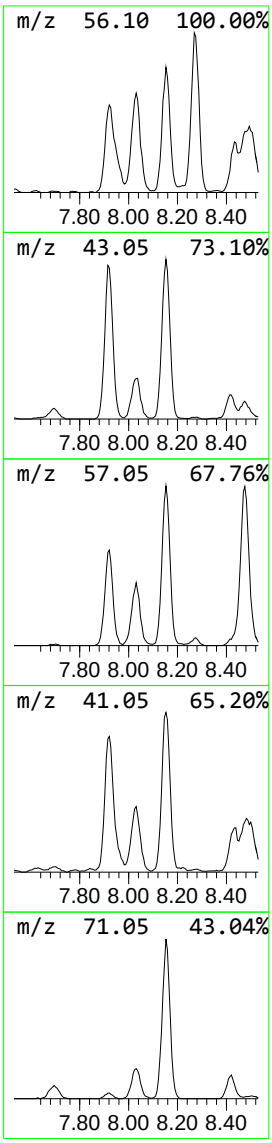
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	5.24 ug/L	89053	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
5	Heptane	100	C7H16	000142-82-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

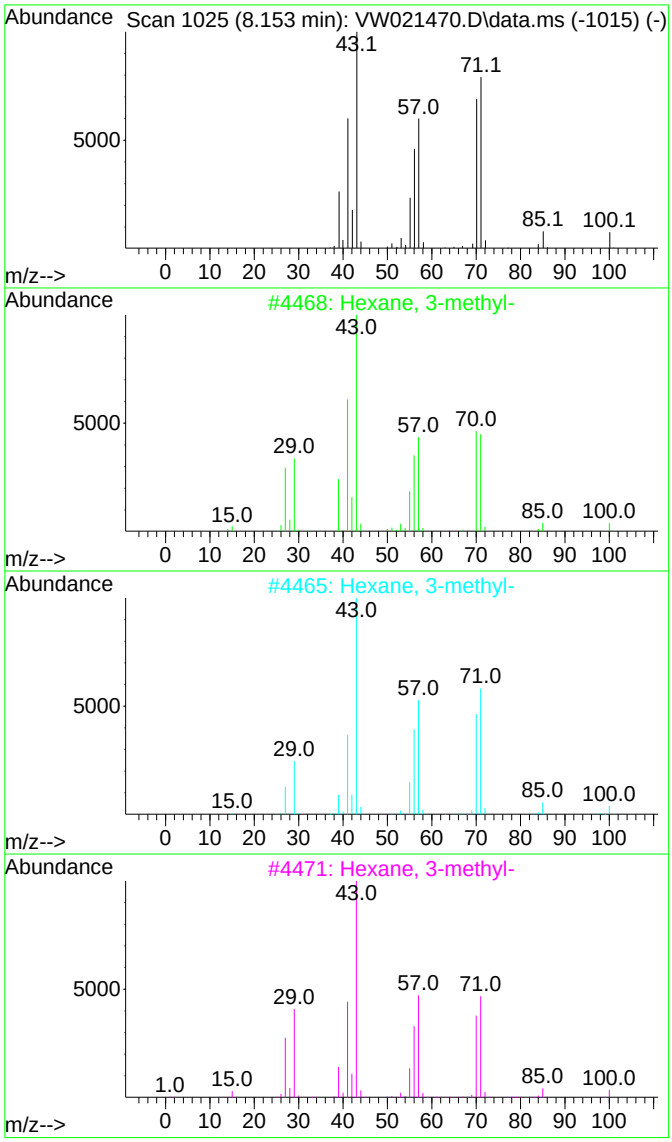
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

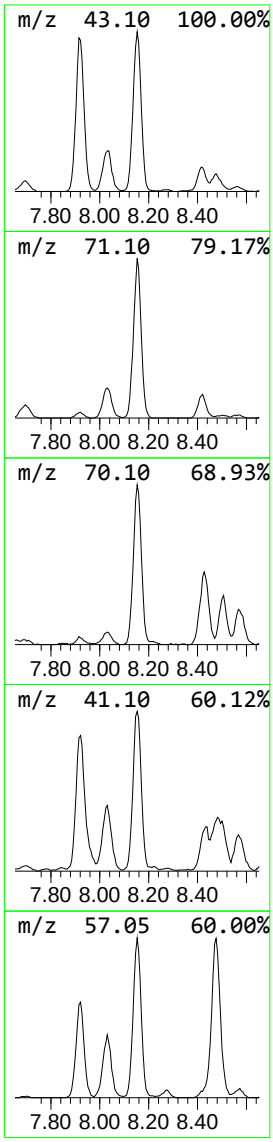
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	14.64 ug/L	248653	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

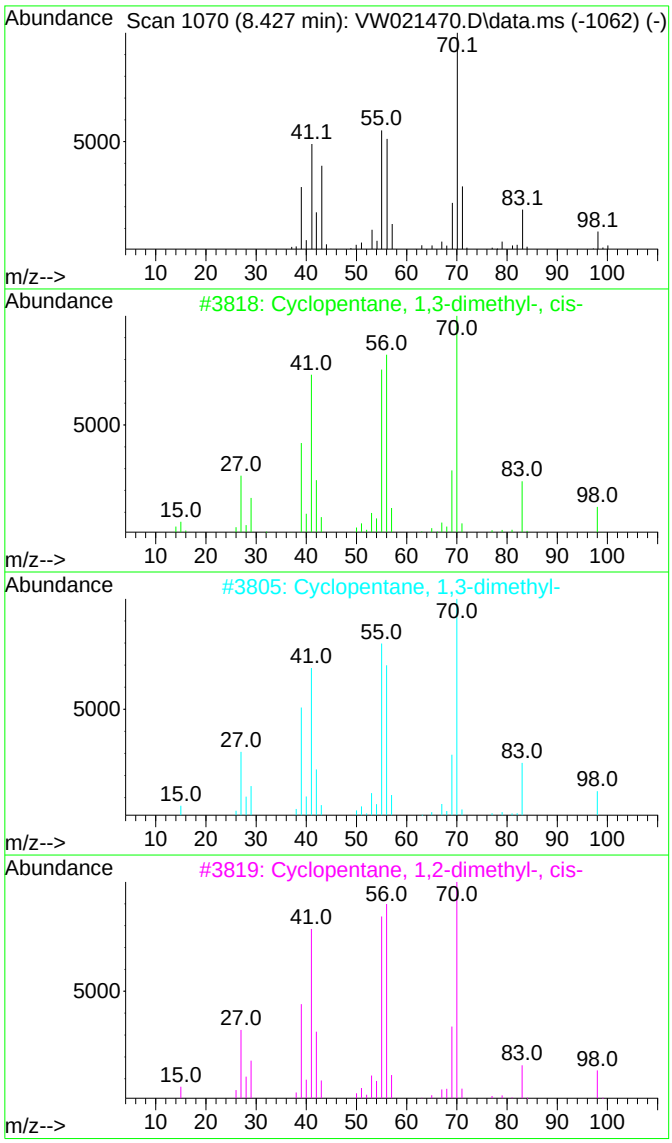
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

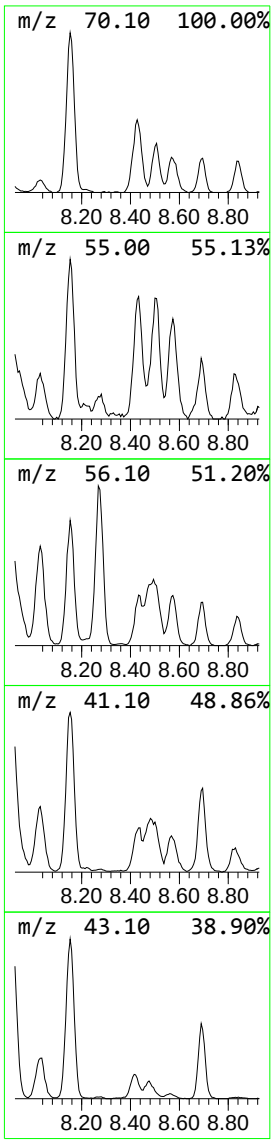
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.427 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.427	4.70 ug/L	79723	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	92
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	92
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

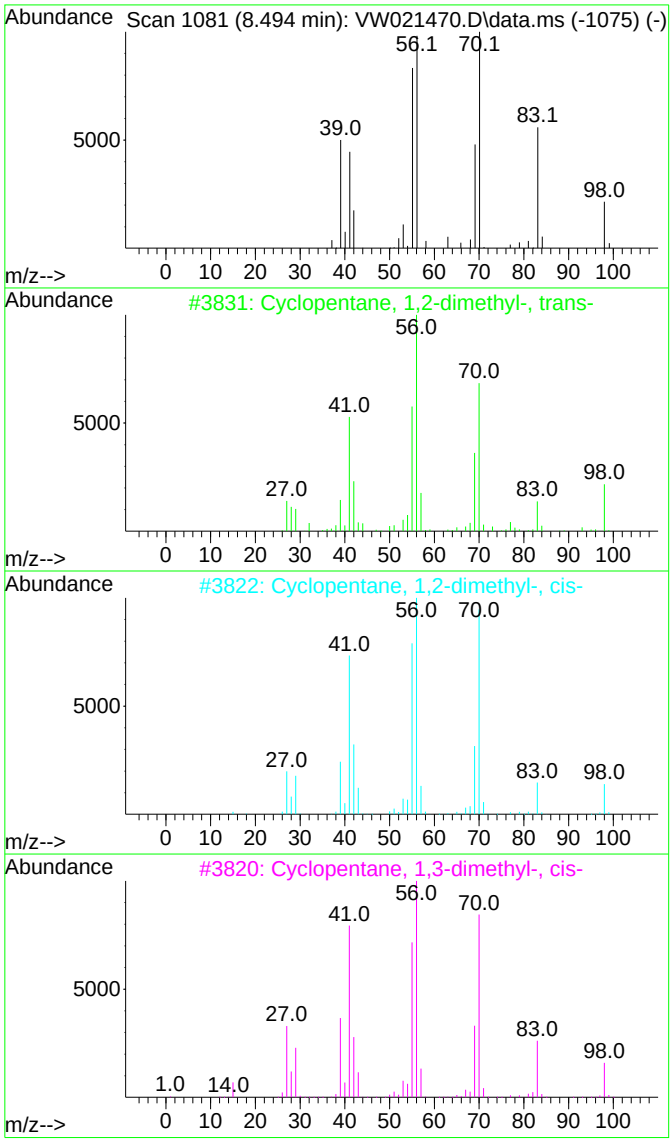
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

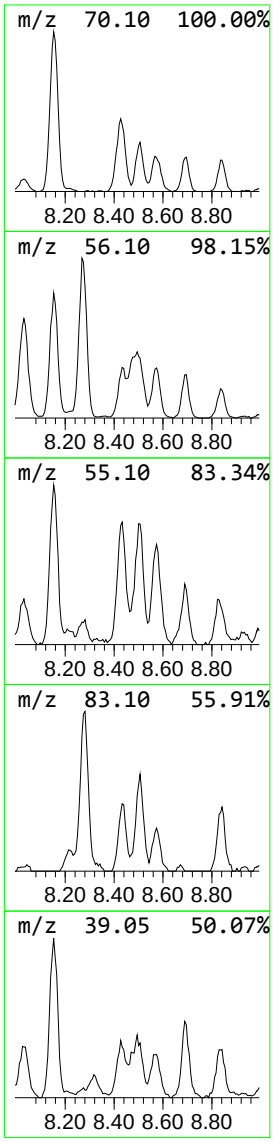
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.494 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.494	6.07 ug/L	103113	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	64
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
4	Cycloheptane	98	C7H14	000291-64-5	58
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

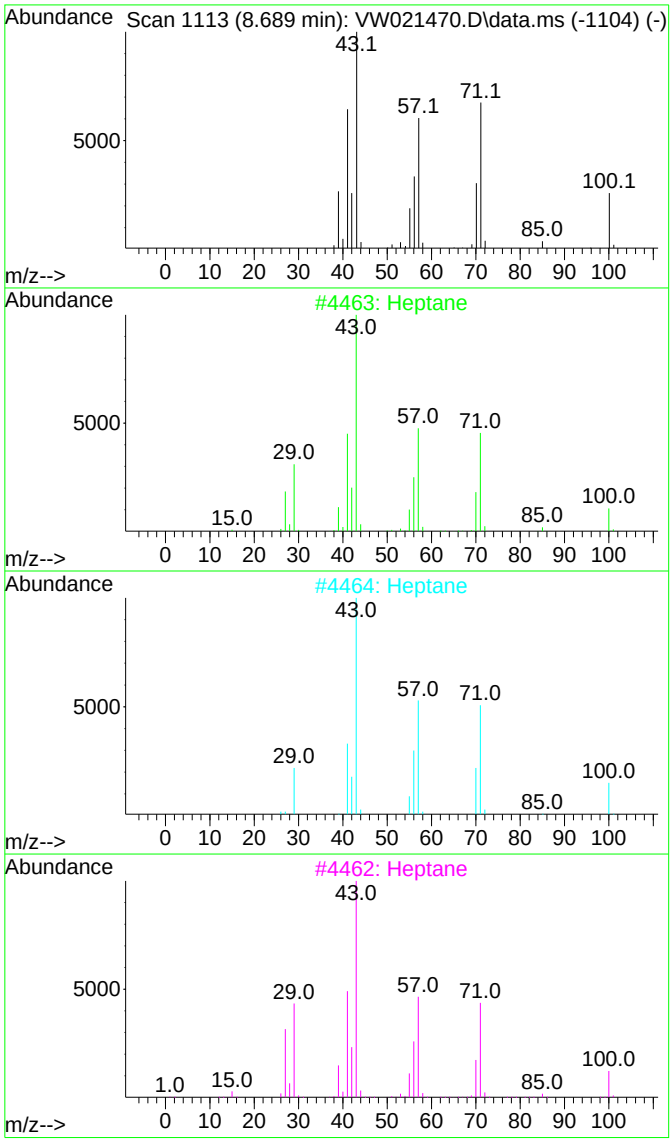
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

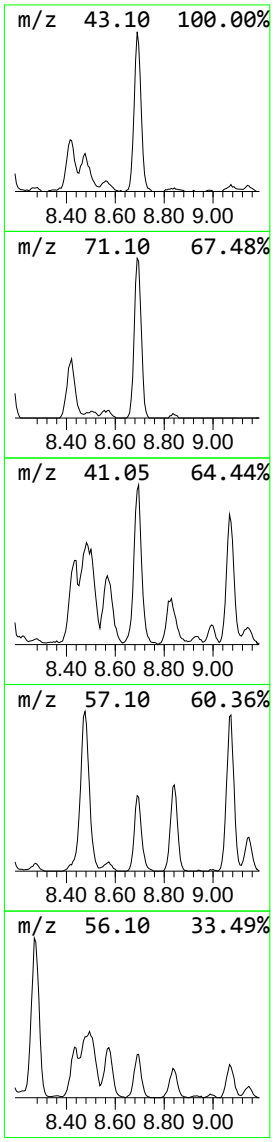
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.689	6.03 ug/L	102316	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

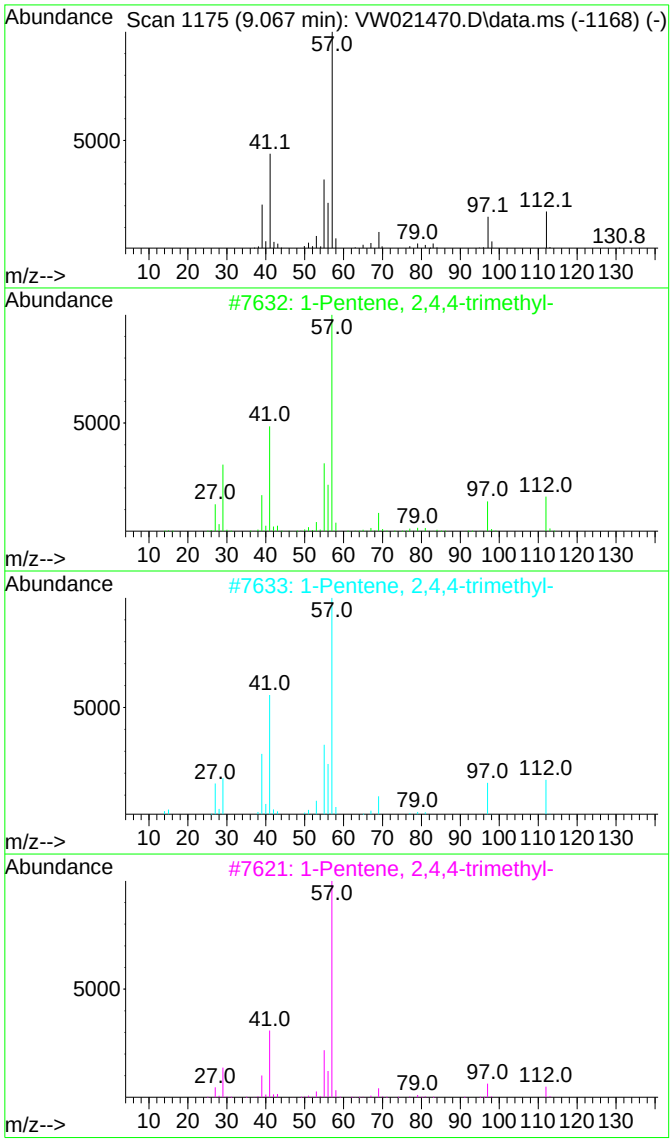
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

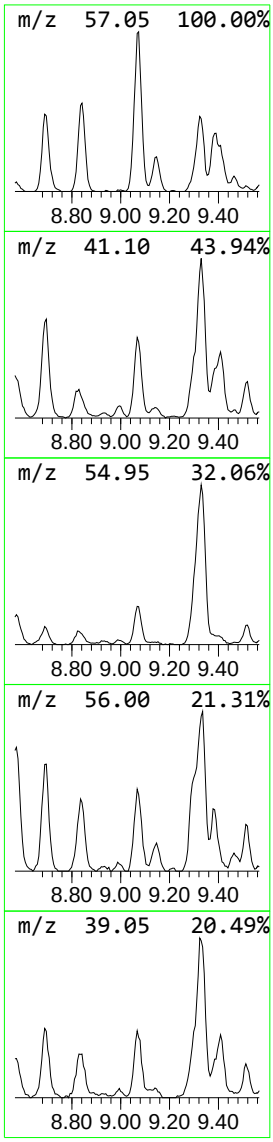
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.067	4.96 ug/L	84212	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	64
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

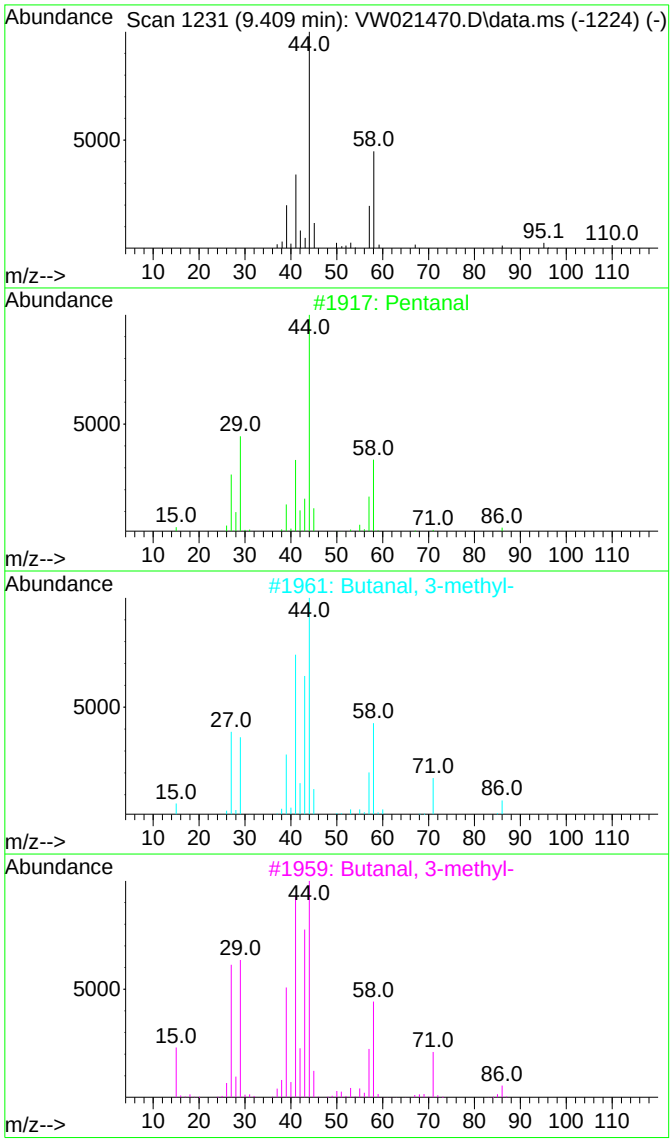
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

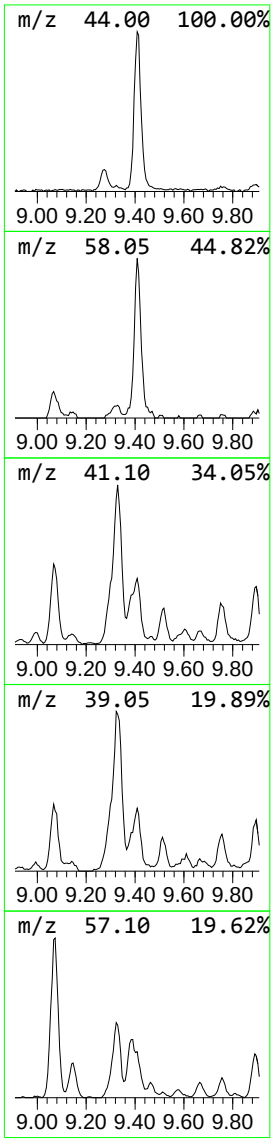
****

Peak Number 12 Pentanal Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	5.16 ug/L	87560	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
4	Pentanal	86	C5H10O	000110-62-3	40
5	Pentanal	86	C5H10O	000110-62-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

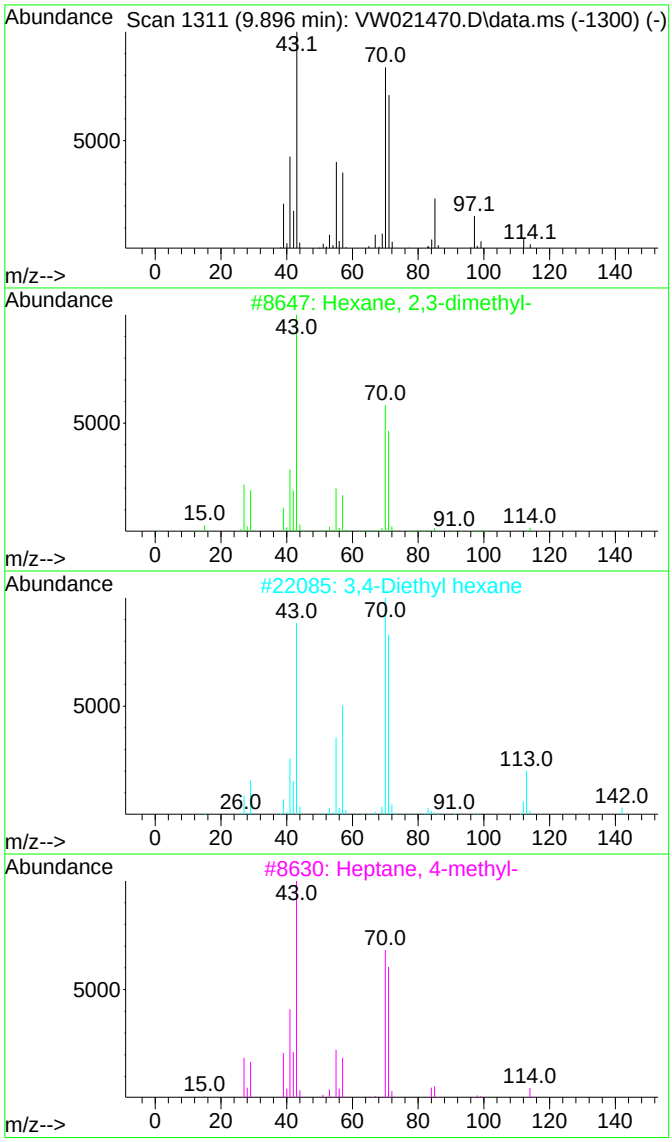
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

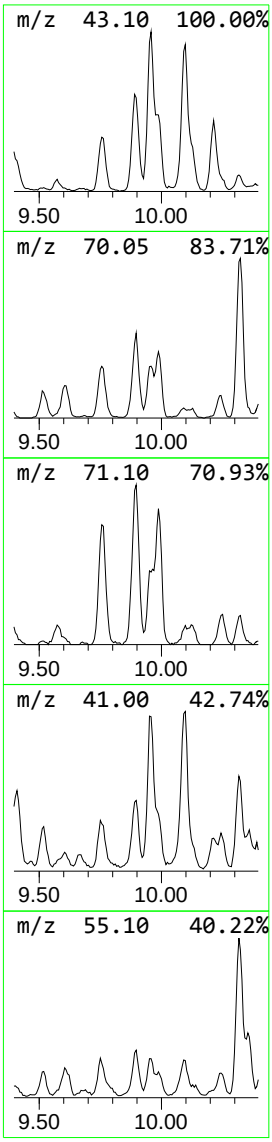
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	5.61 ug/L	95311	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
2	3,4-Diethyl hexane	142	C10H22	019398-77-7	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

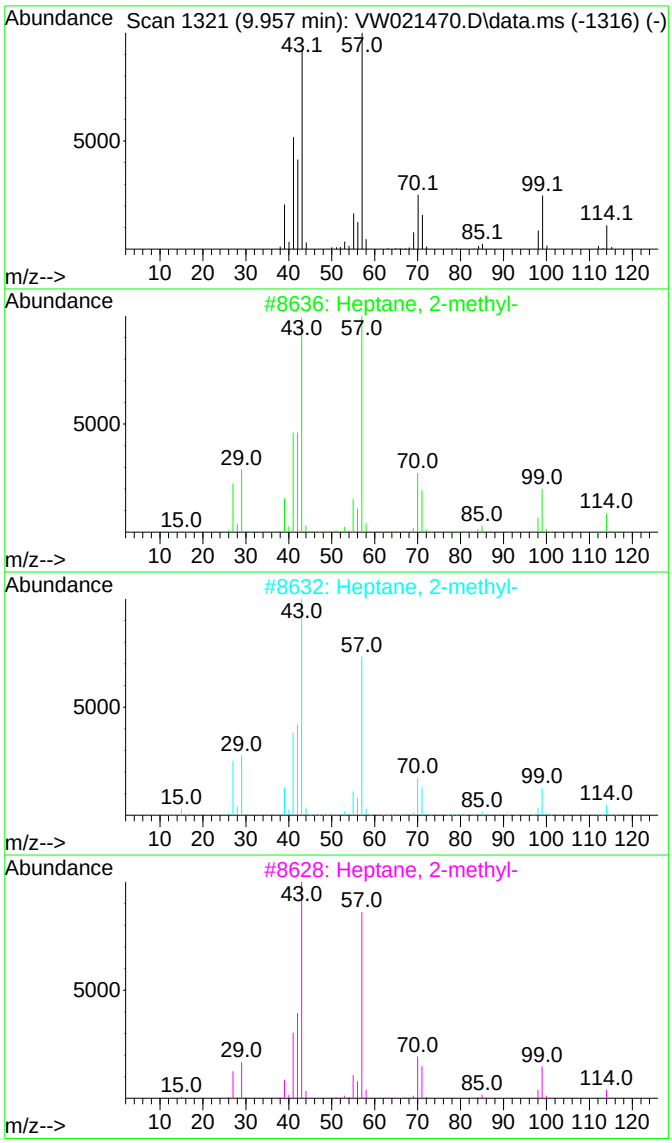
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

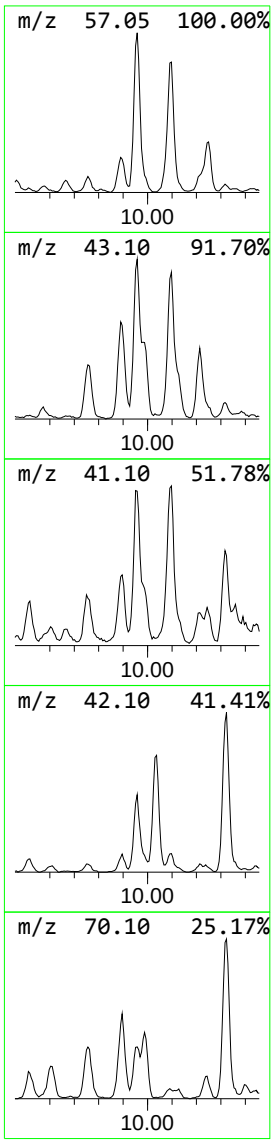
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	7.19 ug/L	122095	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	2-Piperidinone	99	C5H9NO	000675-20-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

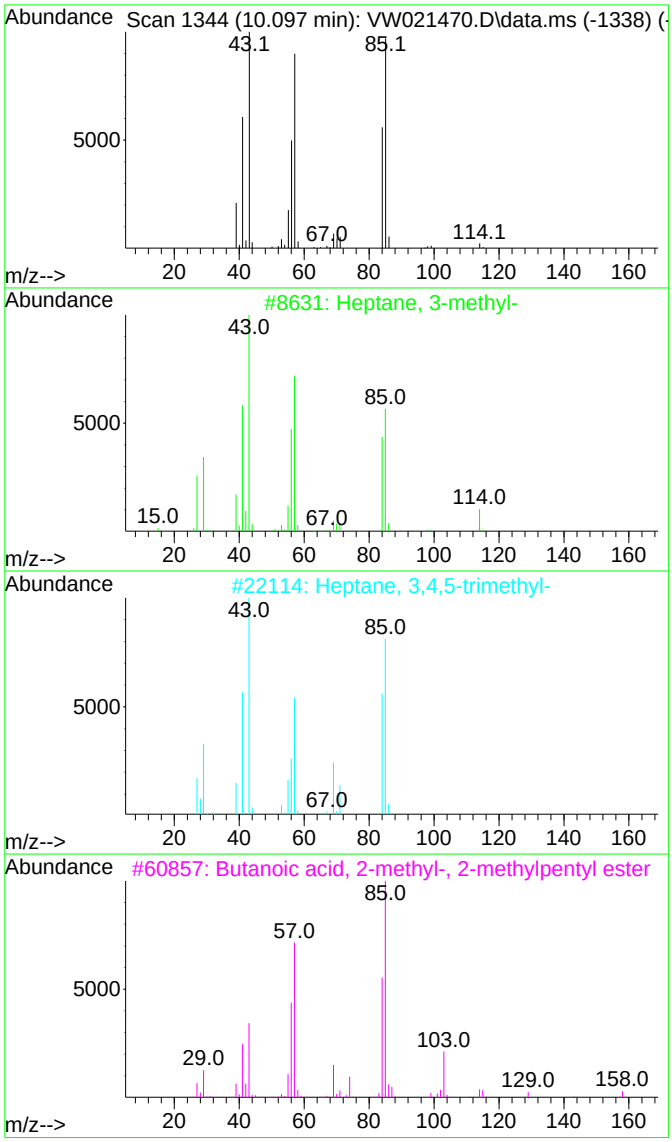
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

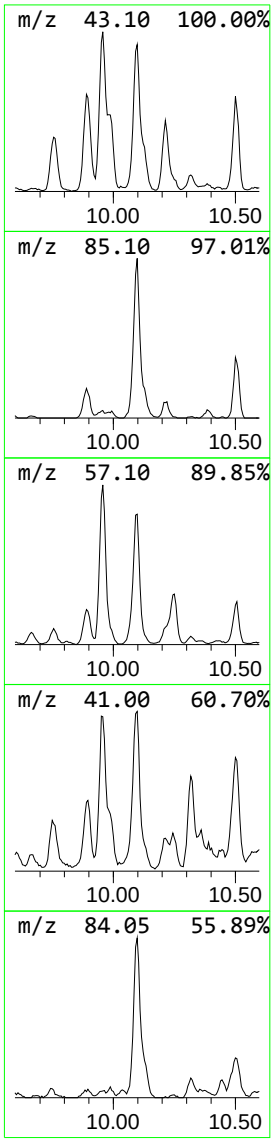
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	10.01 ug/L	170031	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

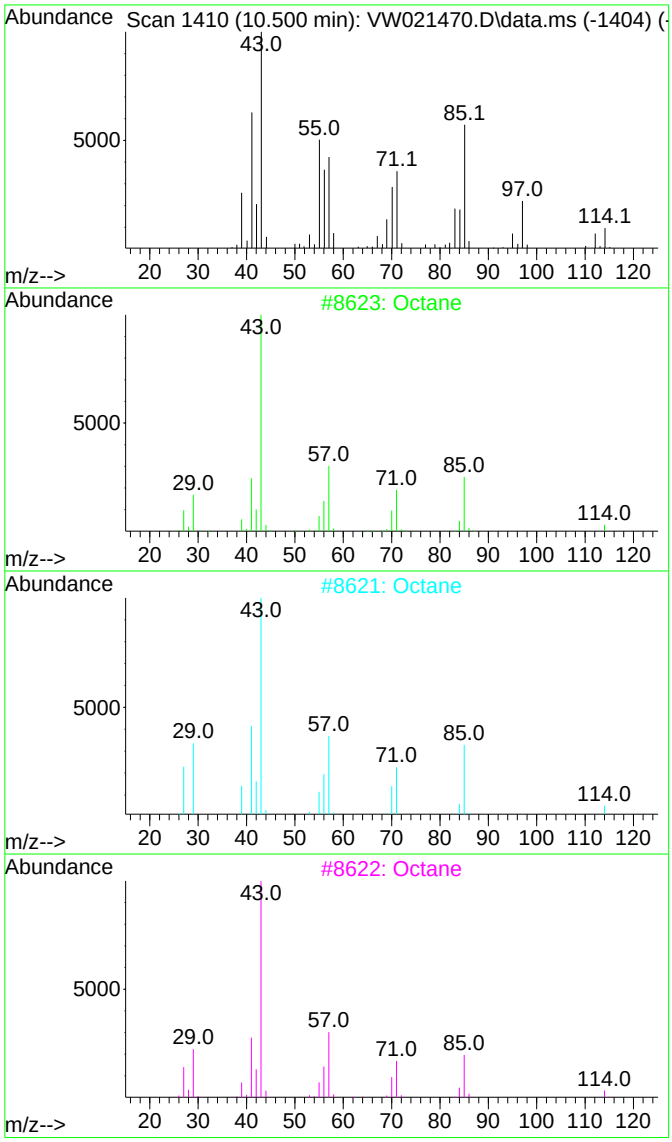
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

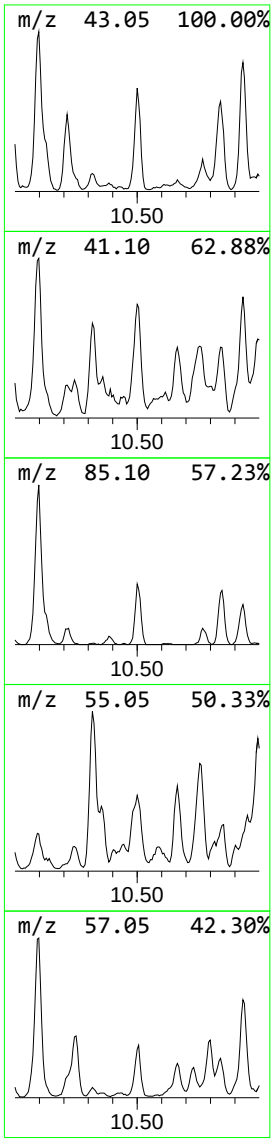
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	5.11 ug/L	119179	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	64
2	Octane	114	C8H18	000111-65-9	62
3	Octane	114	C8H18	000111-65-9	50
4	Octane	114	C8H18	000111-65-9	50
5	Octane	114	C8H18	000111-65-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

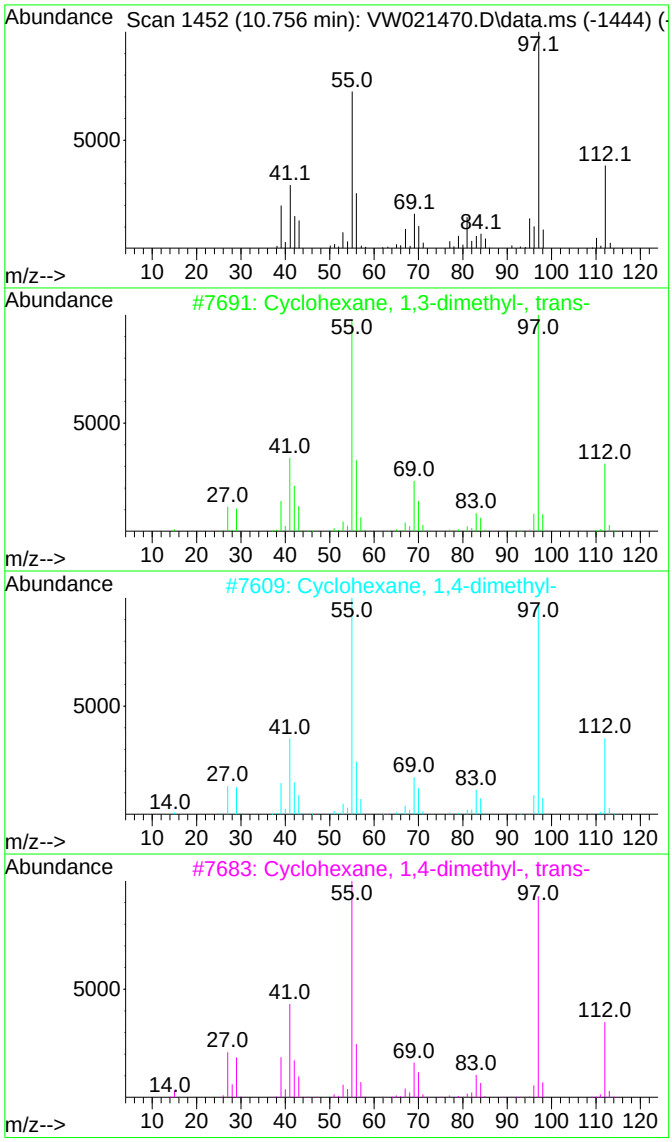
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

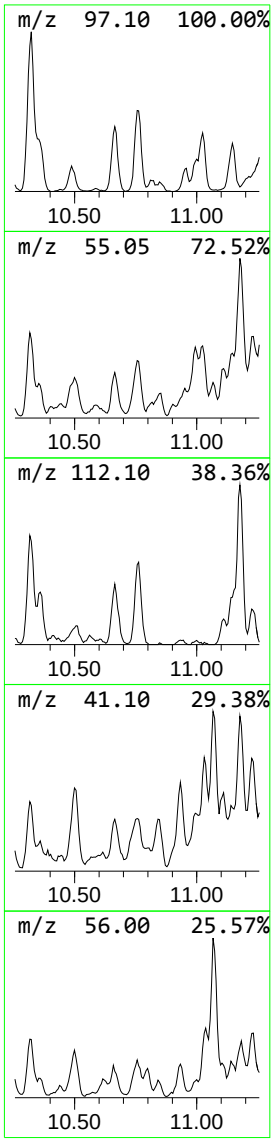
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.756 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	5.31 ug/L	123835	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

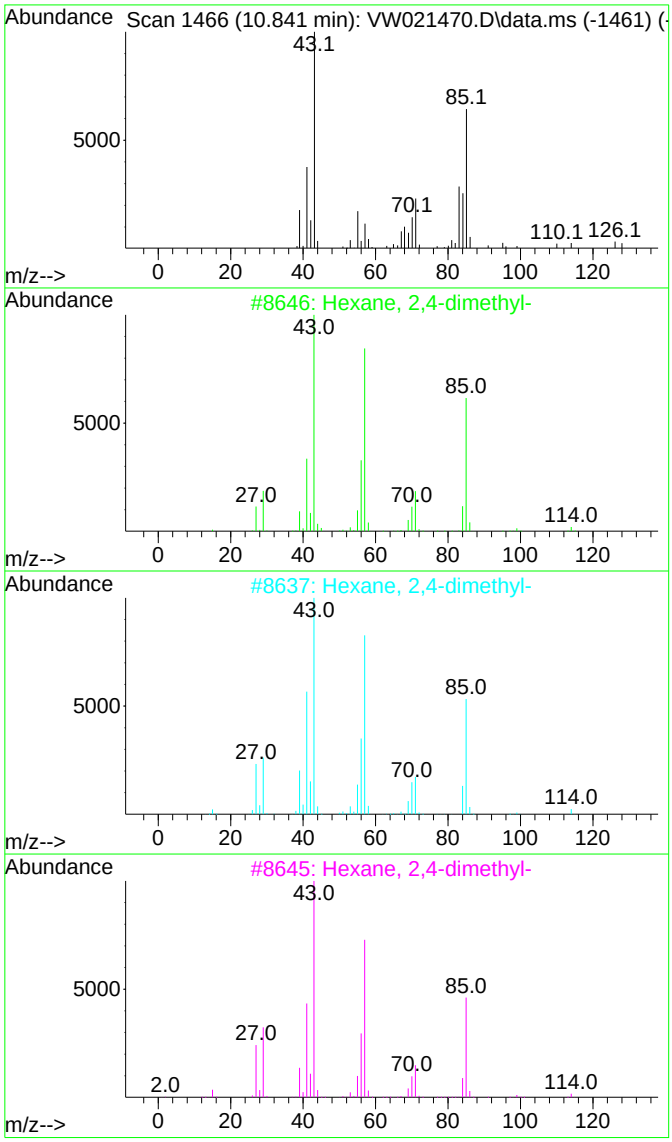
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

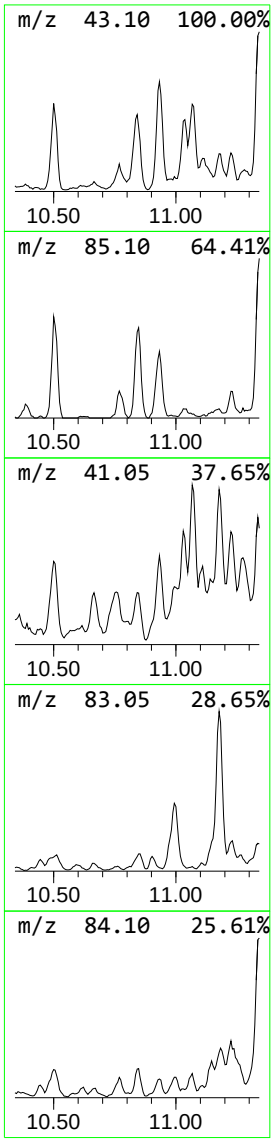
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.841	3.85 ug/L	89680	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	46
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

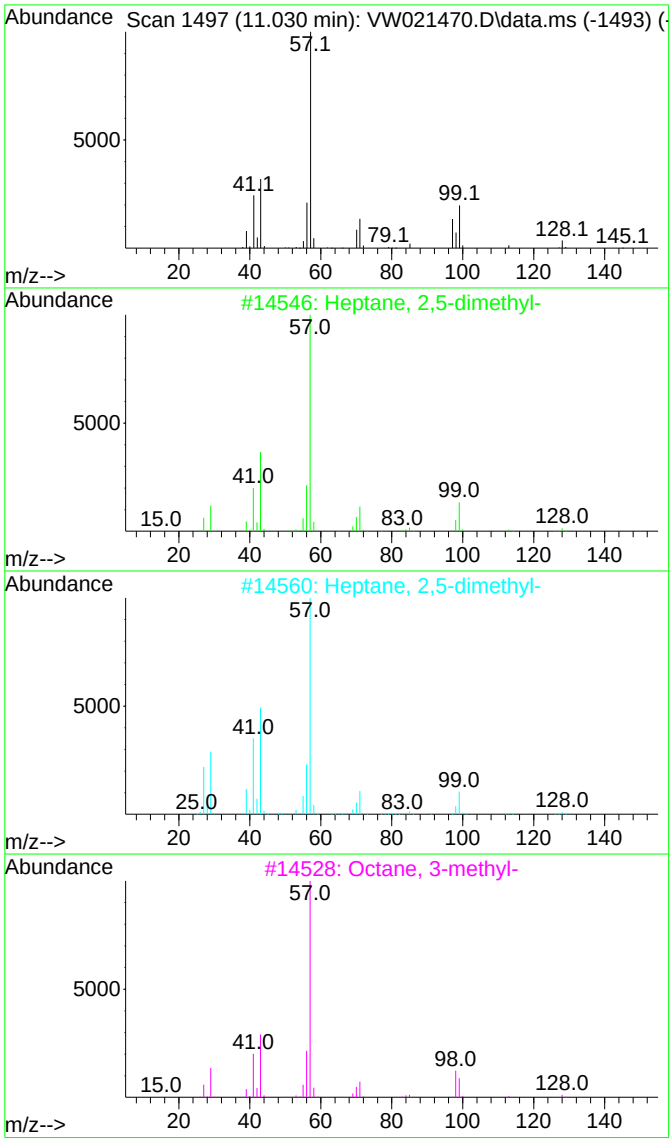
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

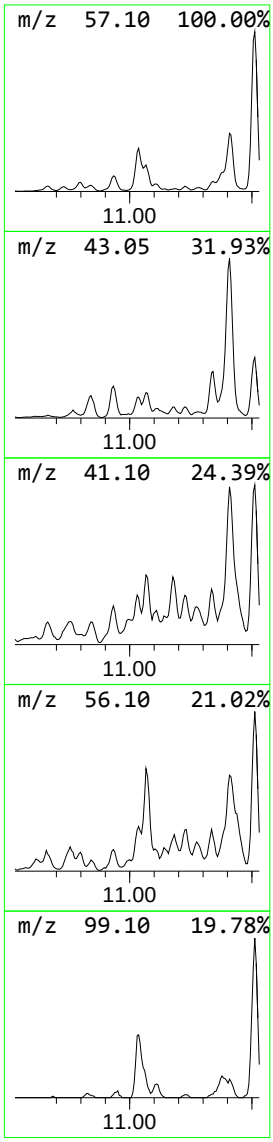
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	5.21 ug/L	121351	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	53
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

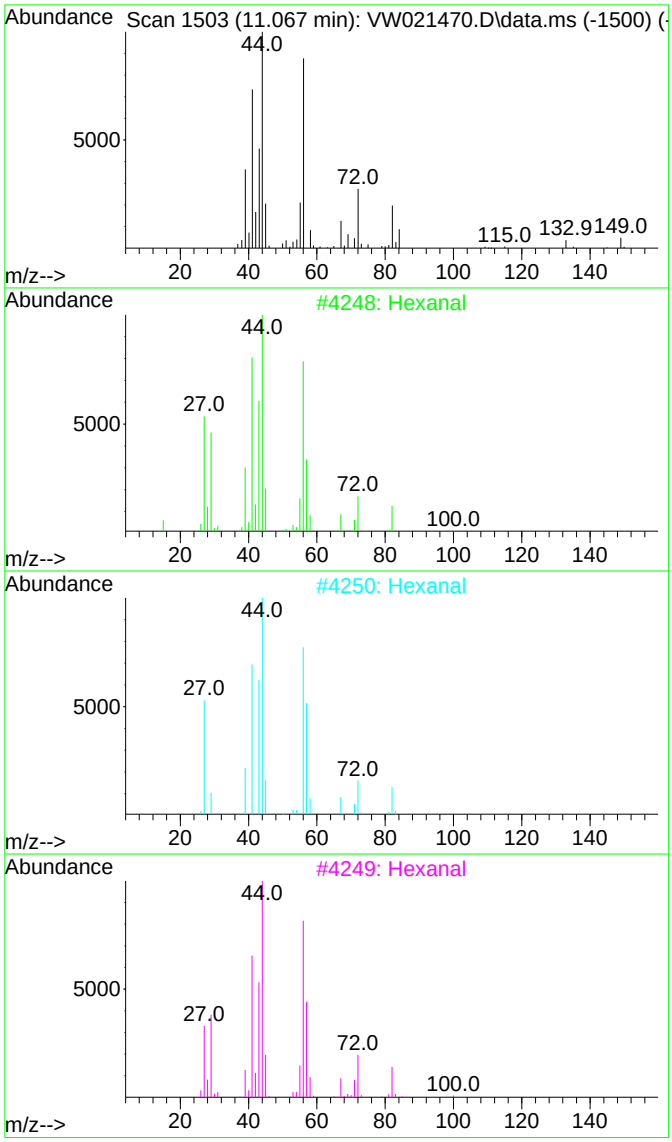
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

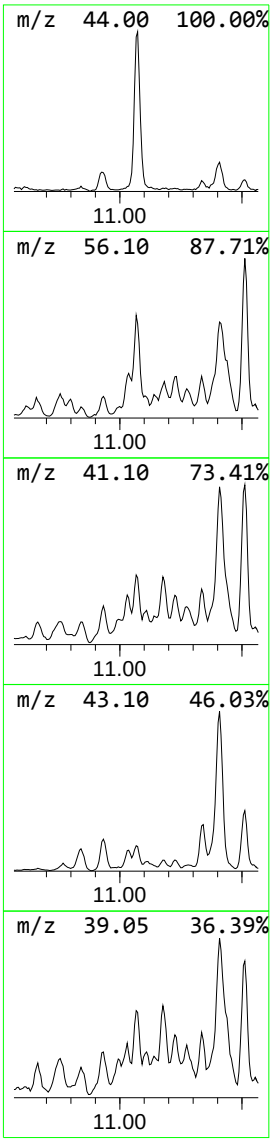
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Hexanal Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	5.32 ug/L	123938	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	56
4	Hexanal	100	C6H12O	000066-25-1	40
5	Glutaraldehyde	100	C5H8O2	000111-30-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

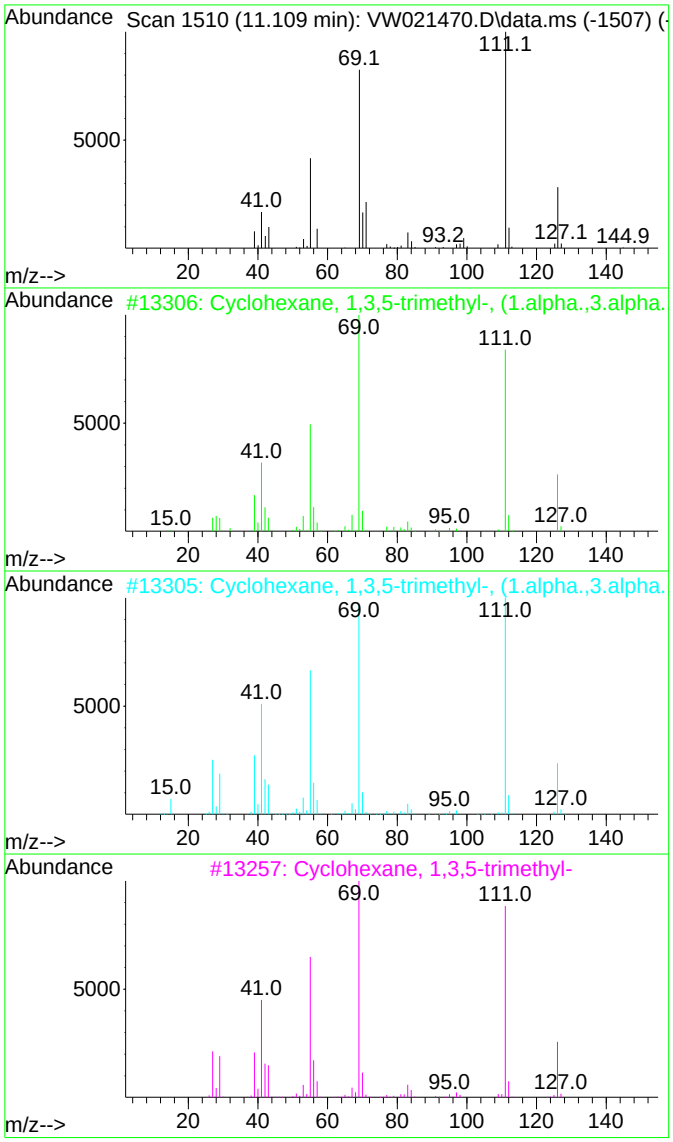
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

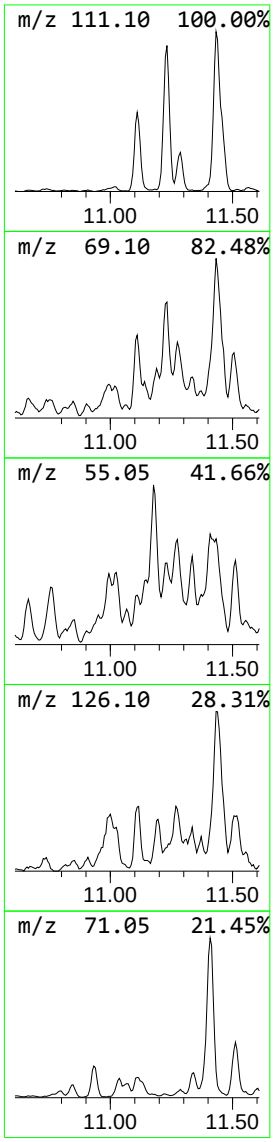
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.109 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	3.82 ug/L	89124	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	80
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

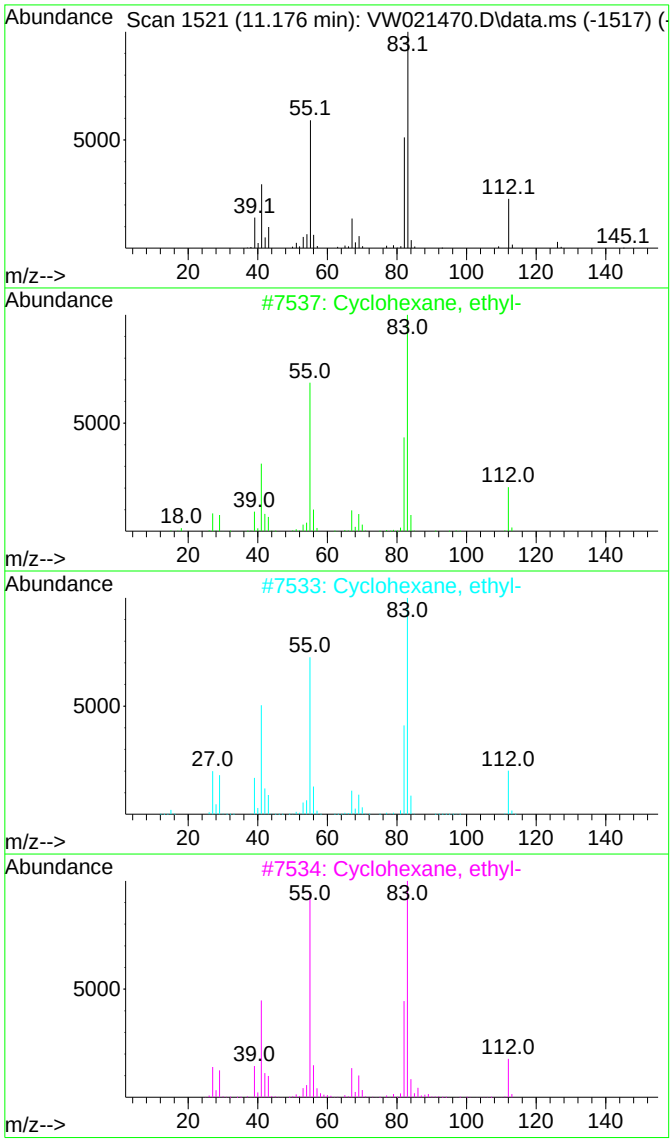
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

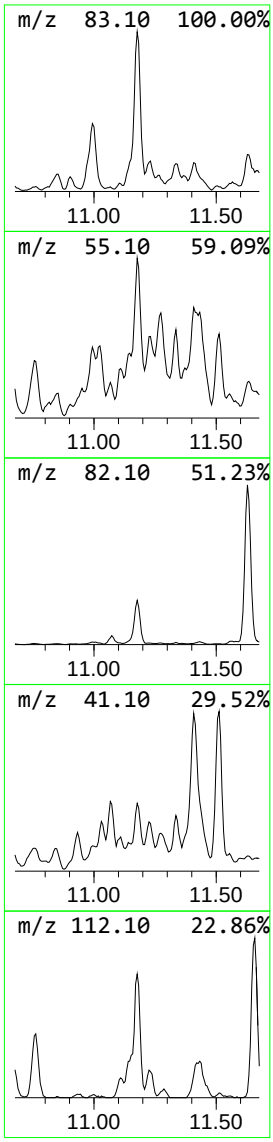
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.177 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	9.09 ug/L	211784	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

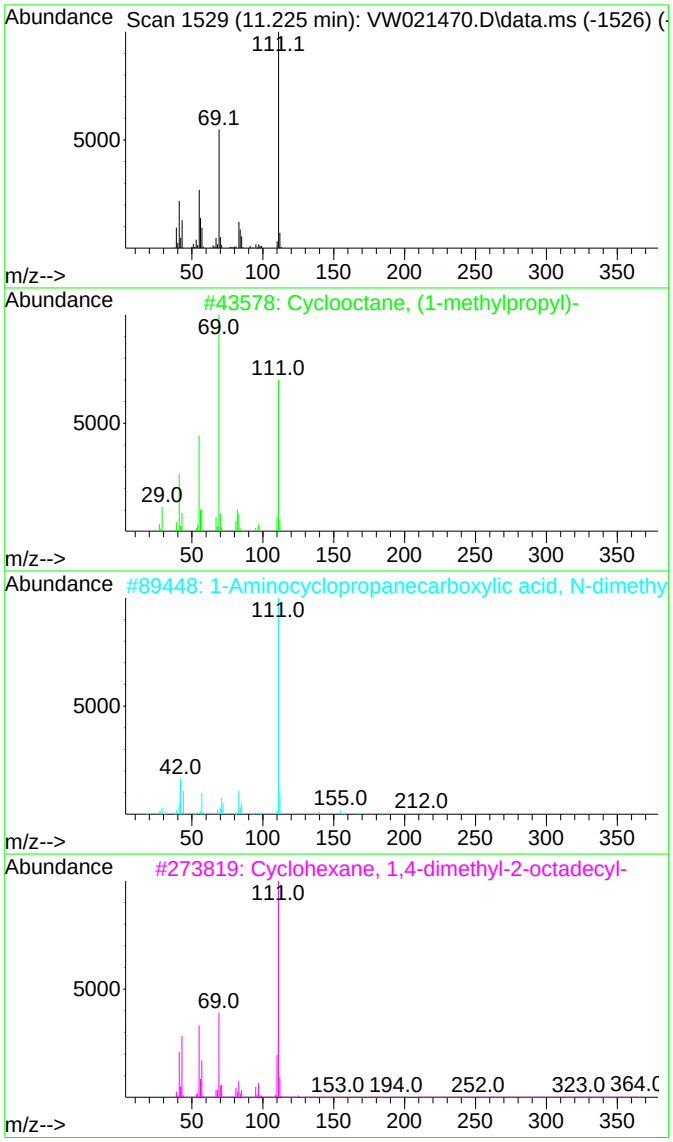
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

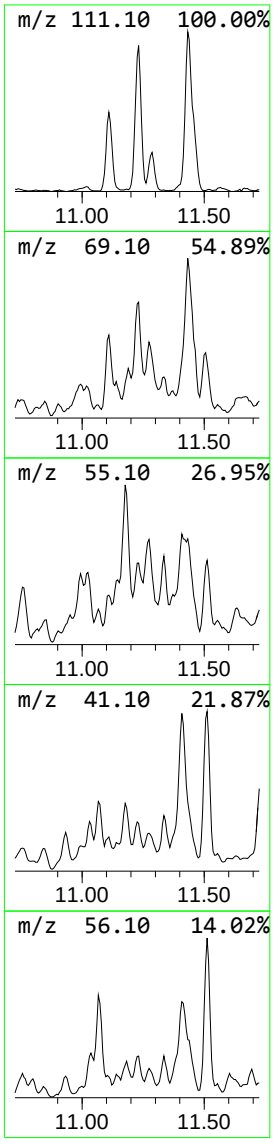
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.225 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	6.34 ug/L	147713	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
2	1-Aminocyclopropanecarboxylic ac...	212	C11H20N2O2	1000375-50-9	59
3	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	56
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	56
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

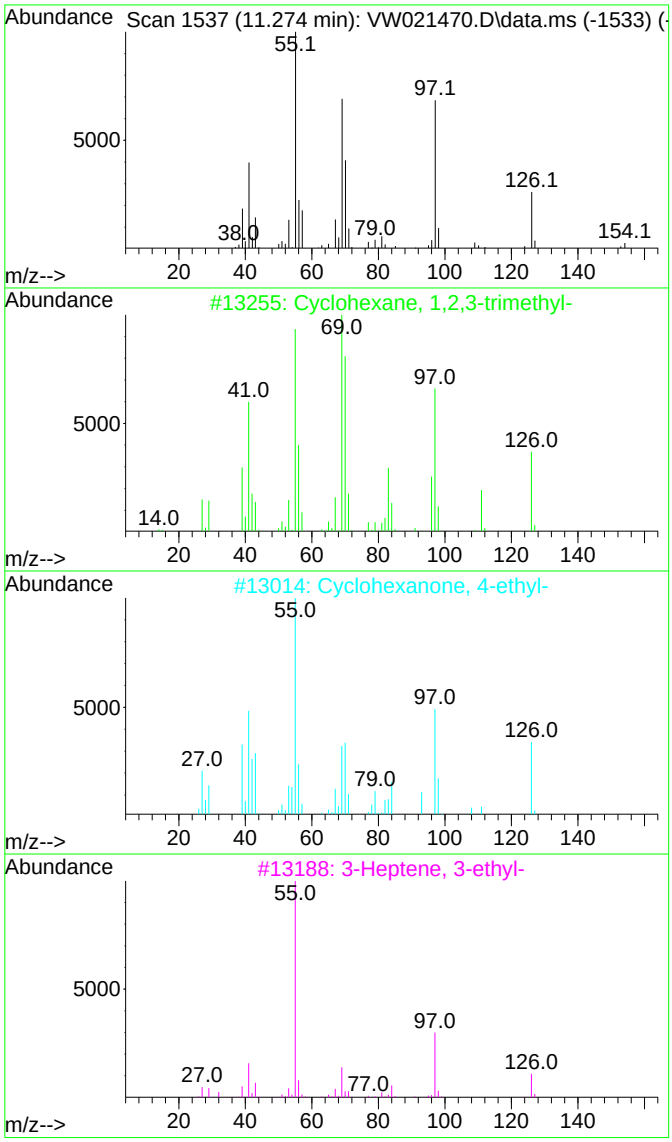
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

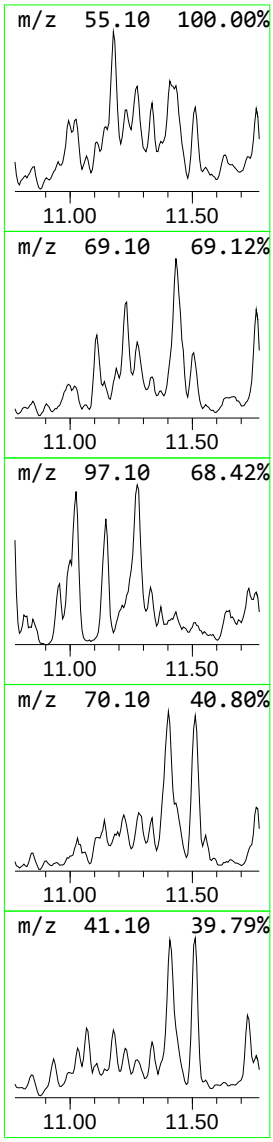
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic11.274 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	5.50 ug/L	128121	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	68
2	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	59
3	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	49
4	2-Nonene, (E)-	126	C9H18	006434-78-2	46
5	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

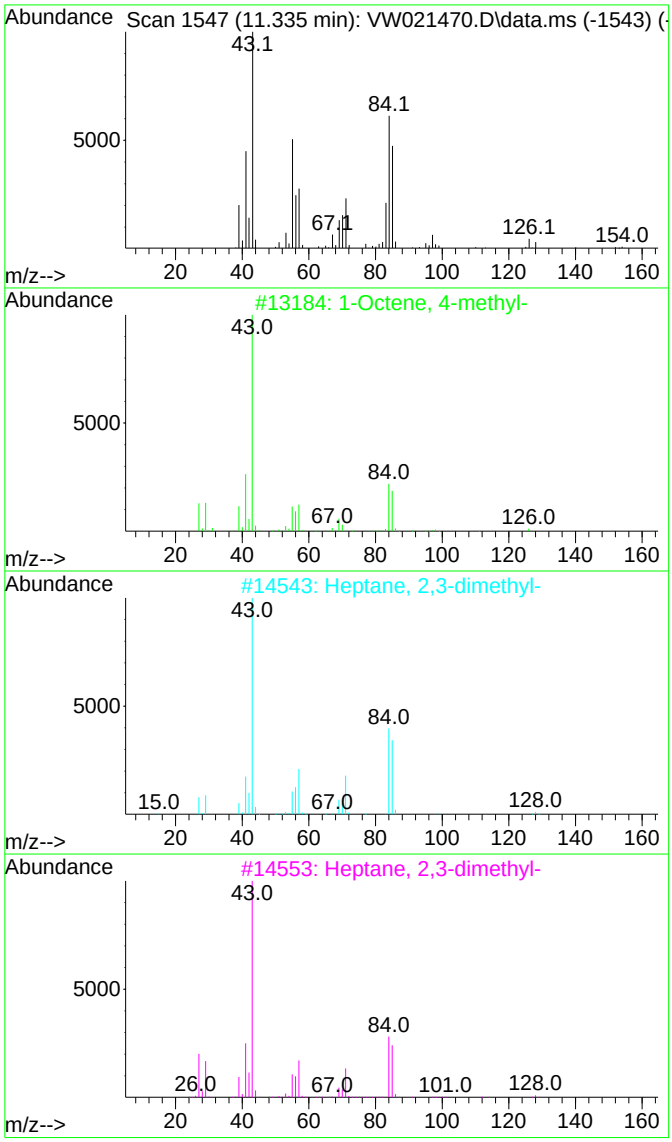
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

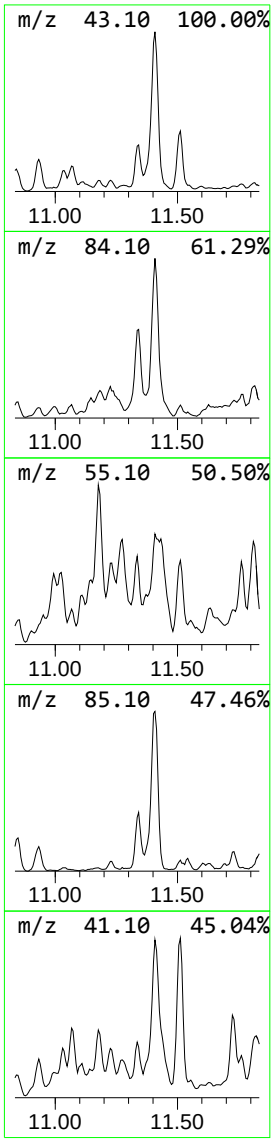
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	6.02 ug/L	140419	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 4-methyl-	126	C9H18	013151-12-7	62
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

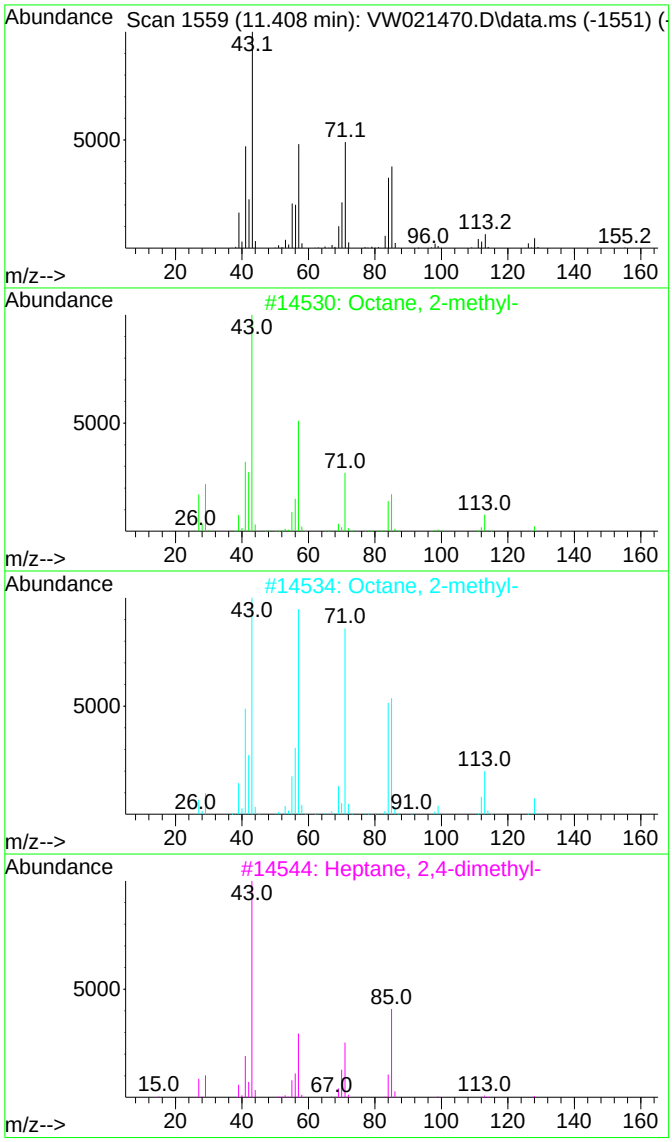
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

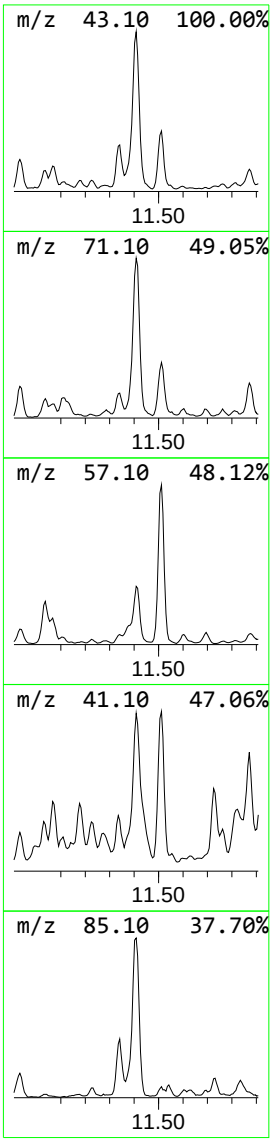
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	31.37 ug/L	731265	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	74
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

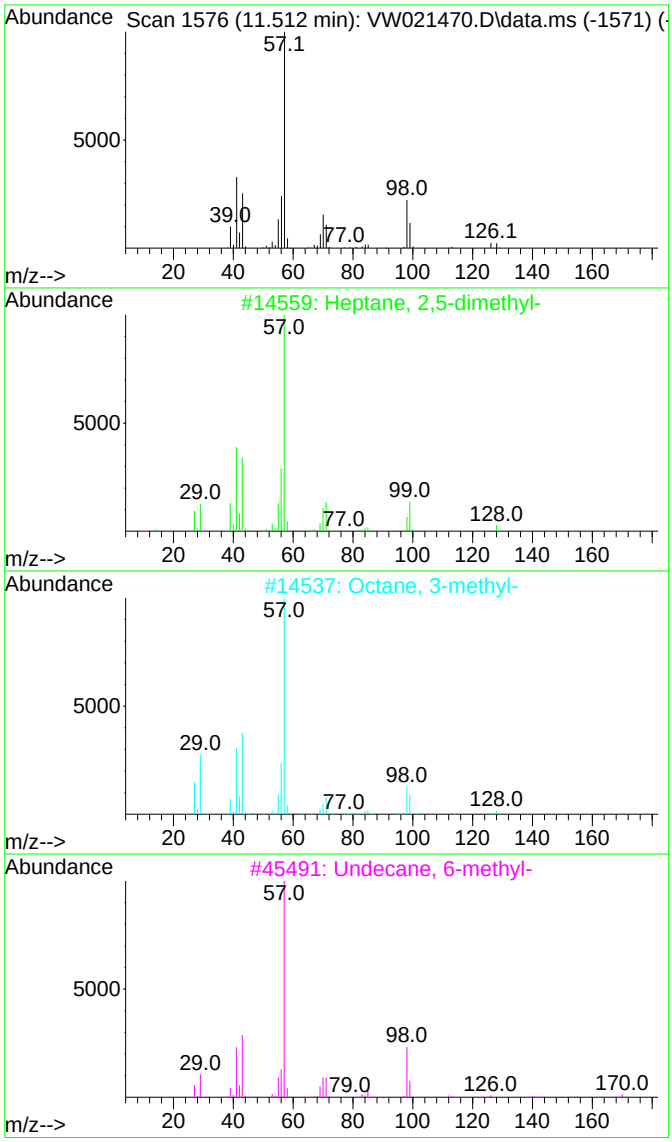
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

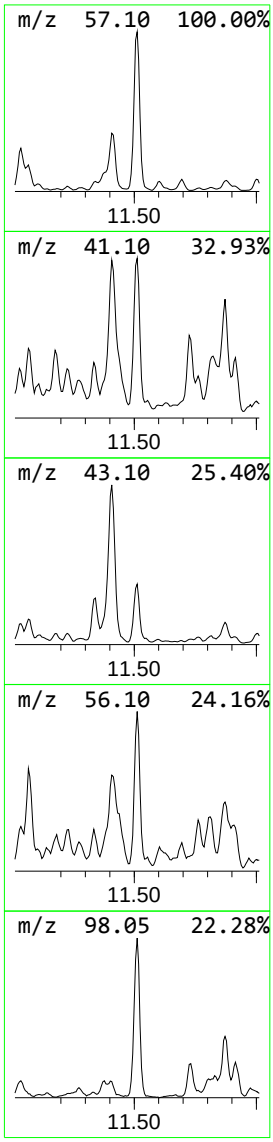
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	16.18 ug/L	377269	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

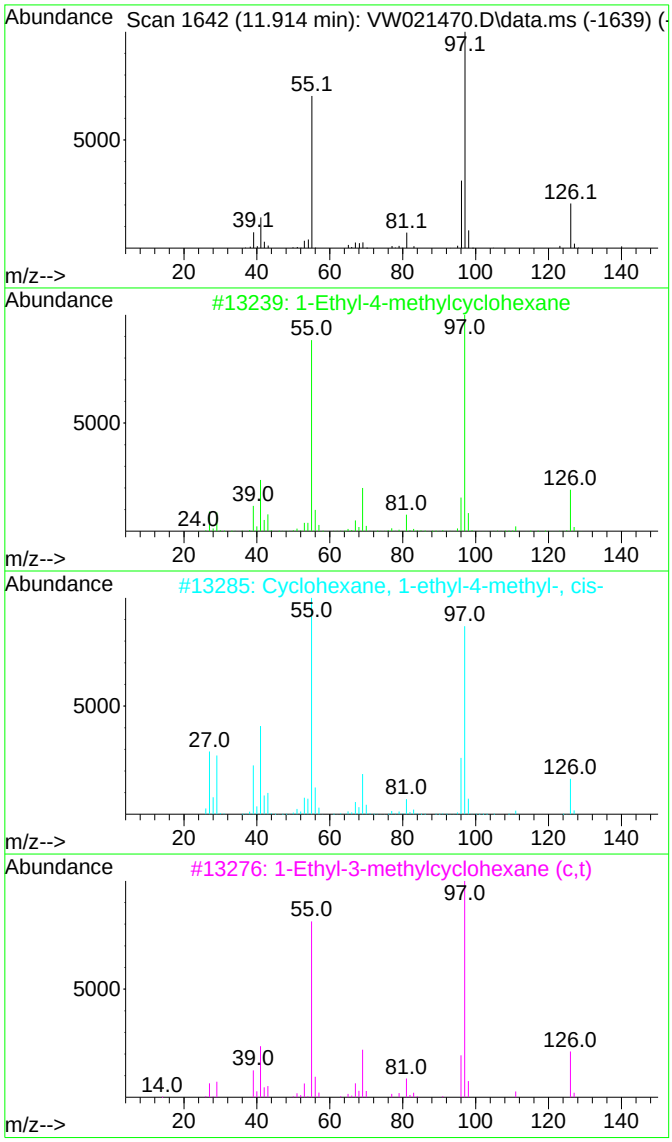
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

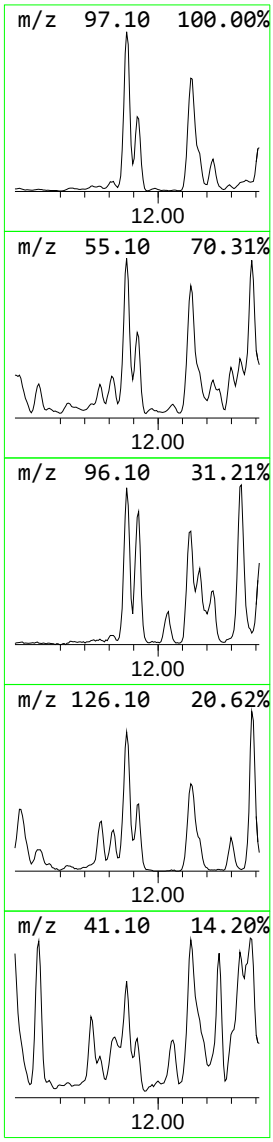
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	9.85 ug/L	229549	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
5	4-Octen-3-one	126	C8H14O	014129-48-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

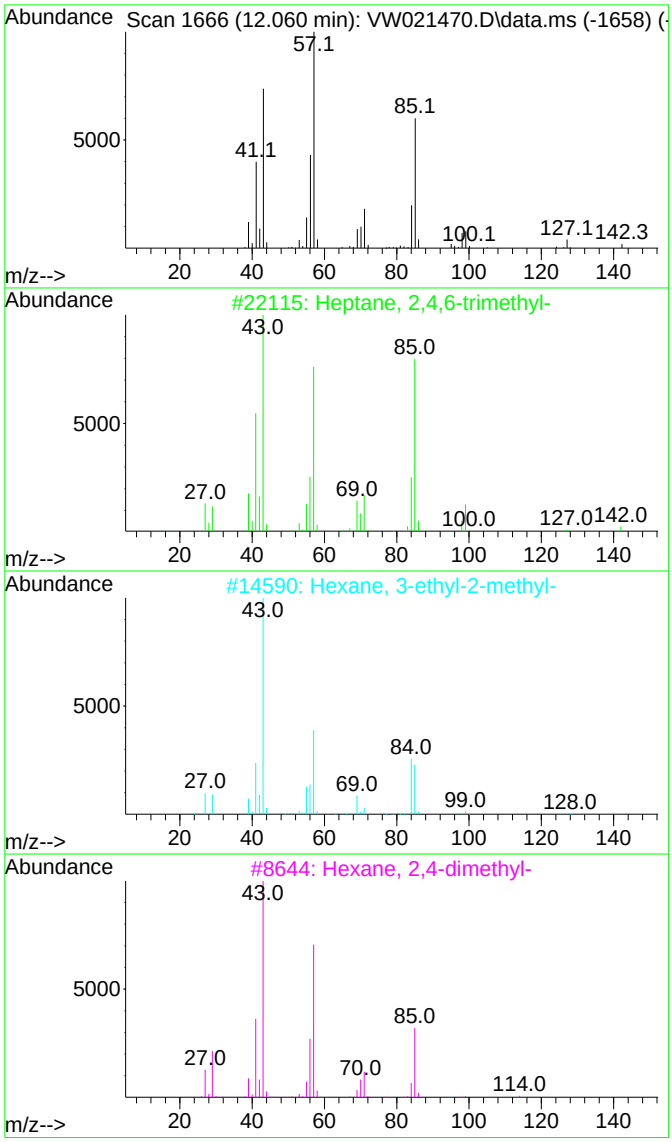
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

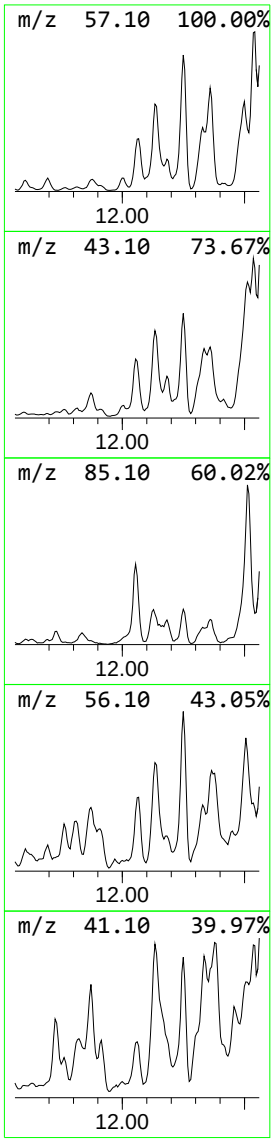
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	8.15 ug/L	189915	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	70
2	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

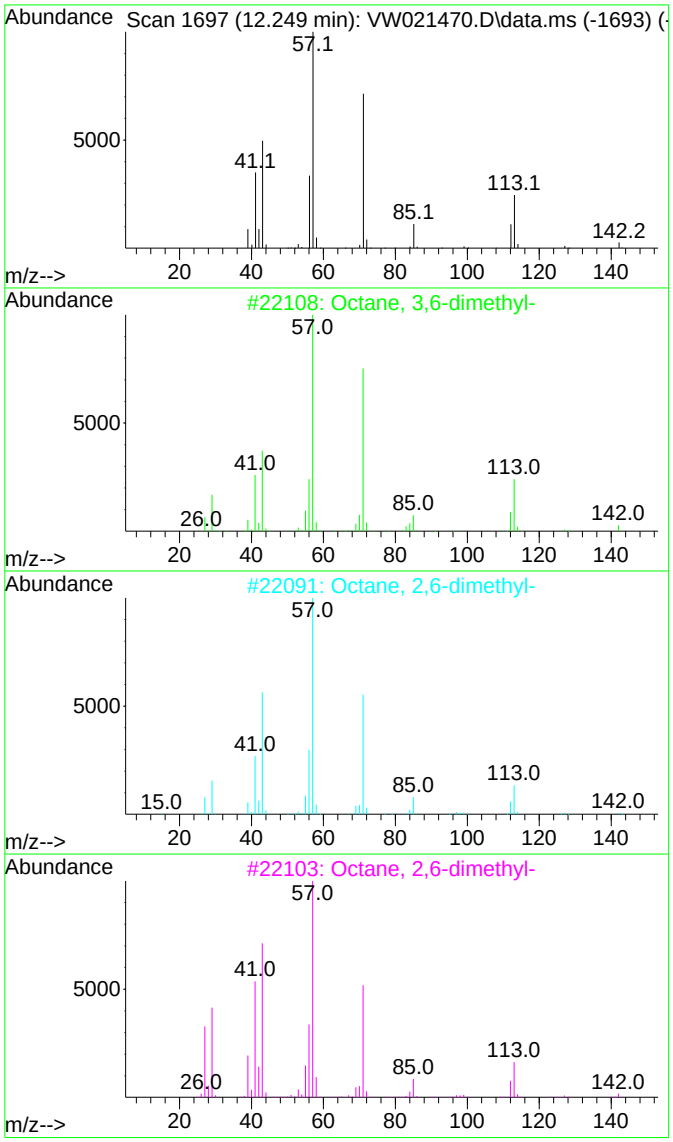
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

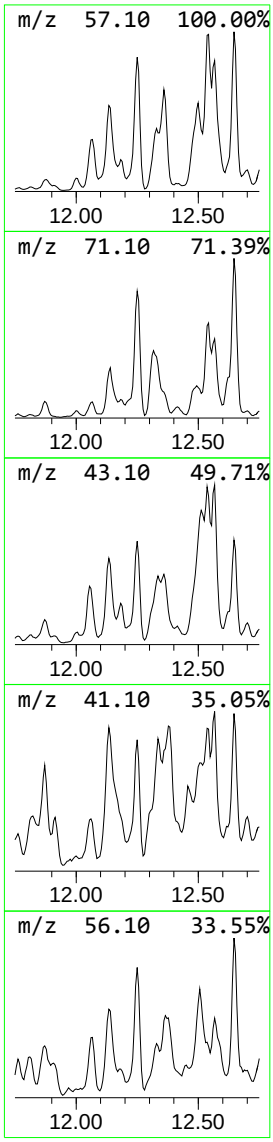
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	15.38 ug/L	358563	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

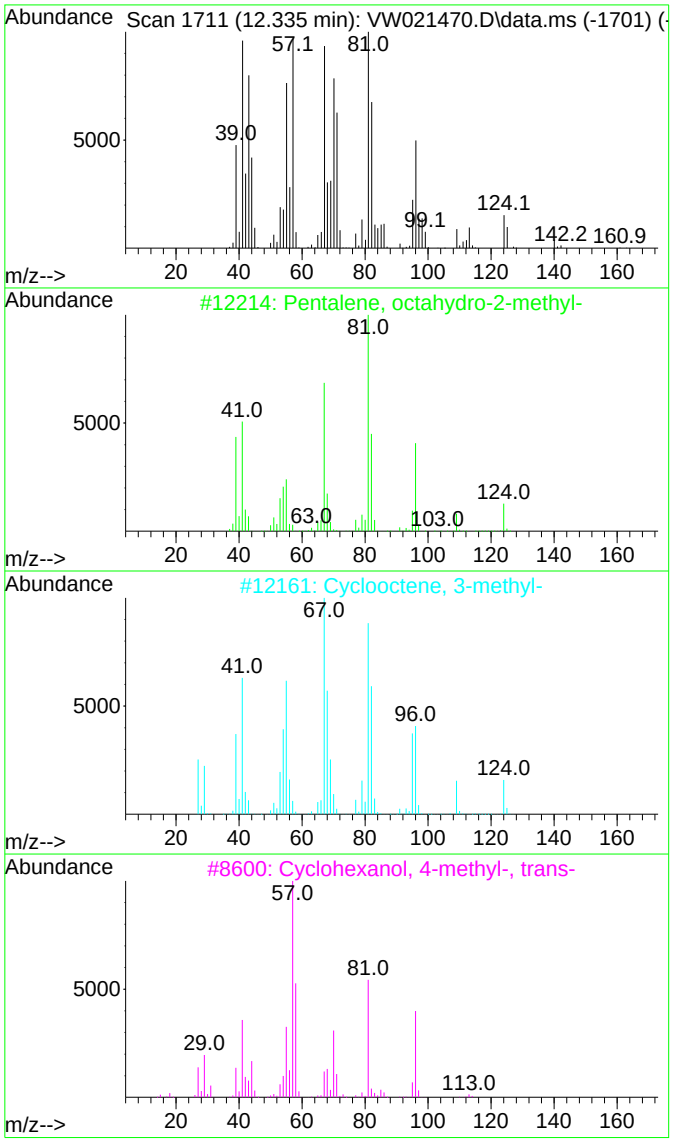
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

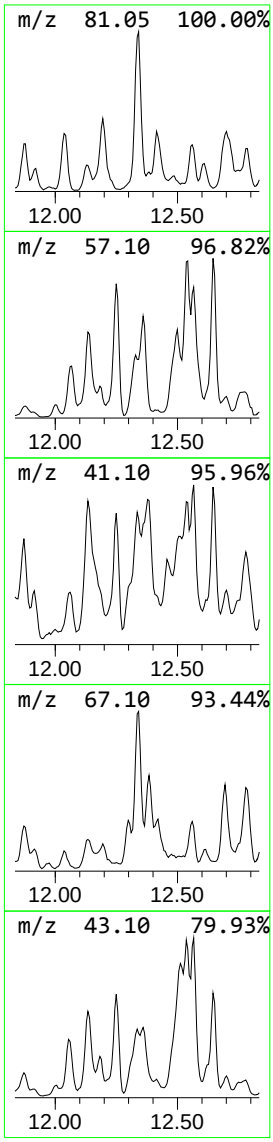
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Pentalene, octahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	33.00 ug/L	769281	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	49
3	Cyclohexanol, 4-methyl-, trans-	114	C7H14O	007731-29-5	46
4	3-Nonen-1-ol, (Z)-	142	C9H18O	010340-23-5	46
5	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

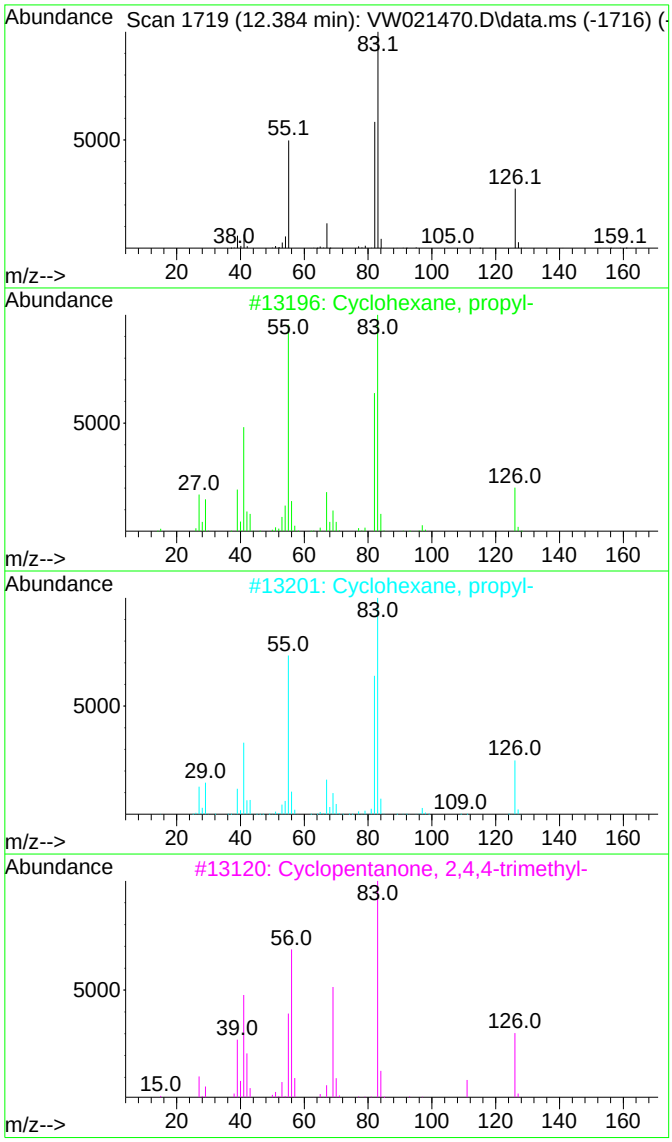
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

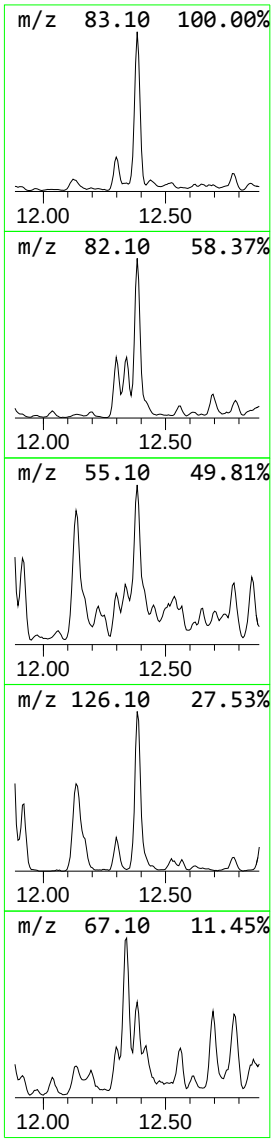
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic12.384 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.384	12.92 ug/L	301220	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	56
3	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	42
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	40
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

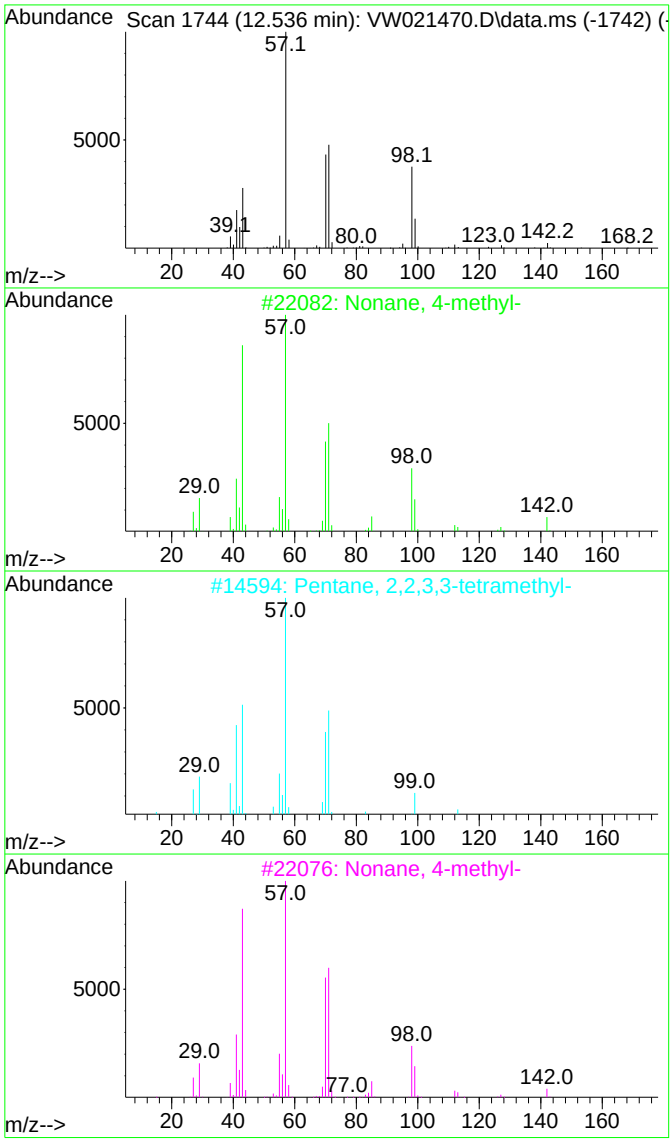
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

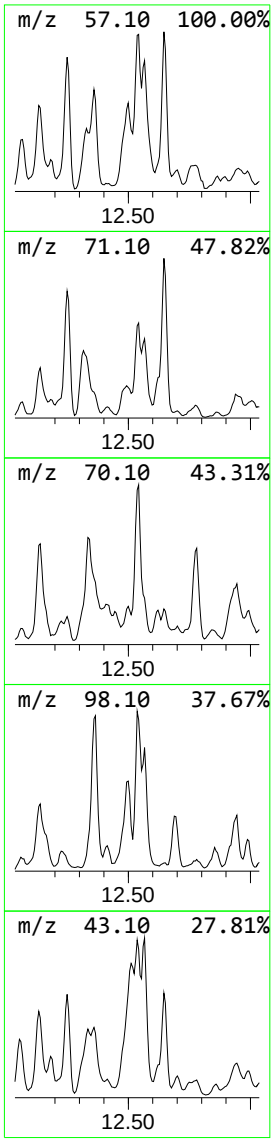
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	13.78 ug/L	321225	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

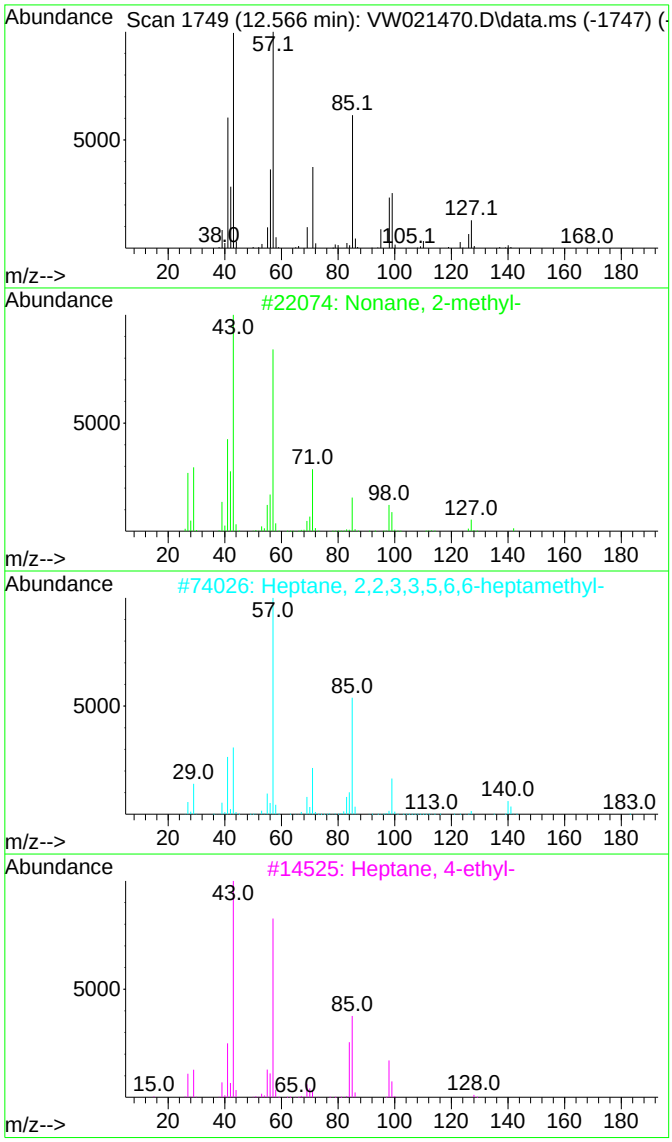
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

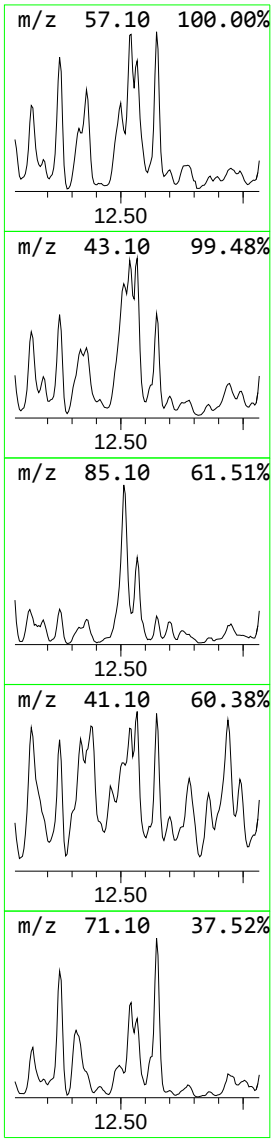
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	12.56 ug/L	292706	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	43
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

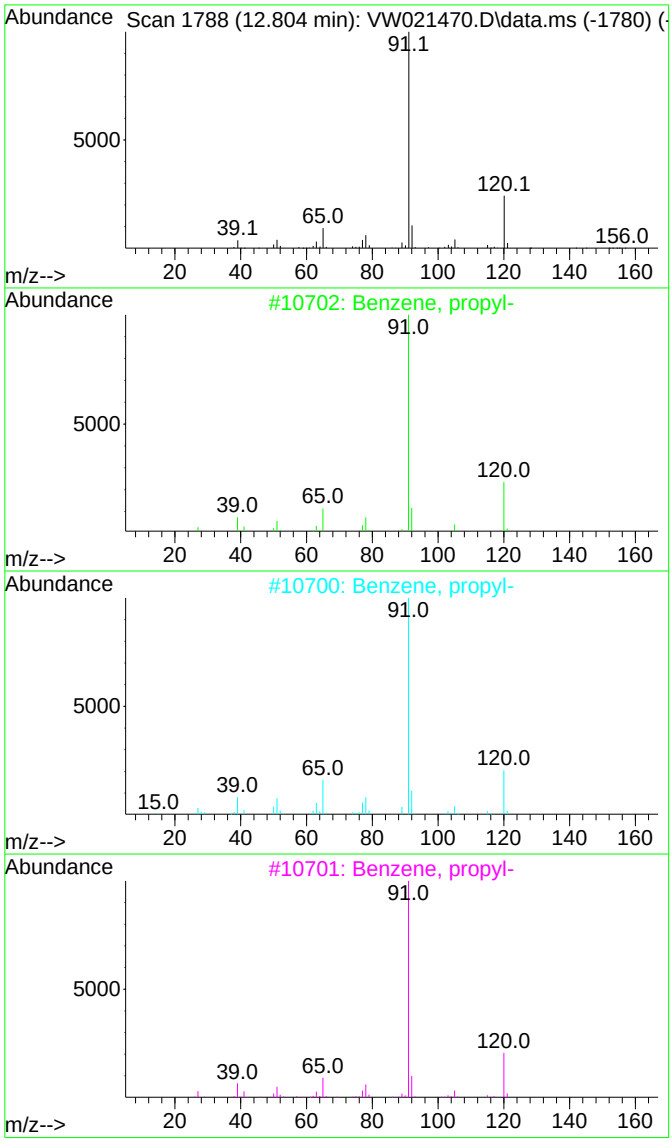
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

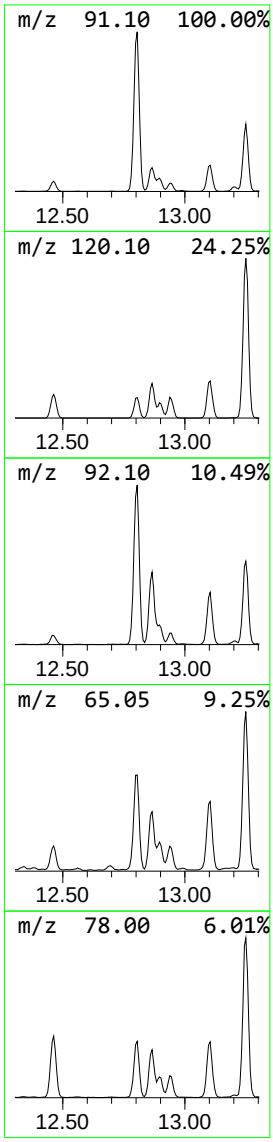
****

Peak Number 36 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	12.41 ug/L	1556240	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

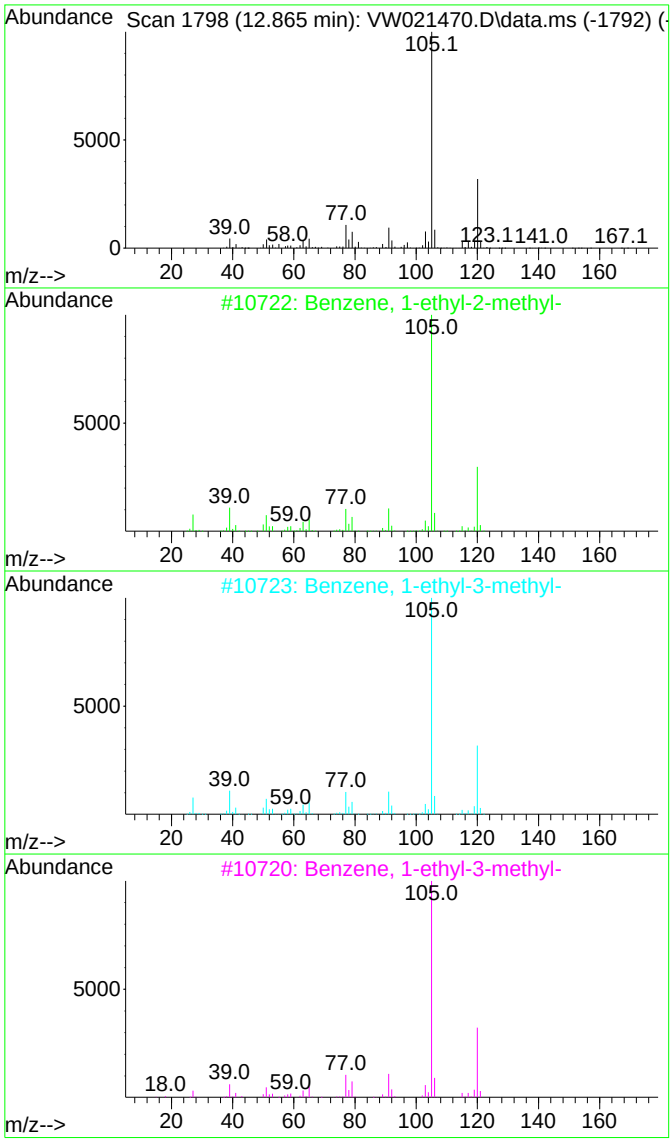
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

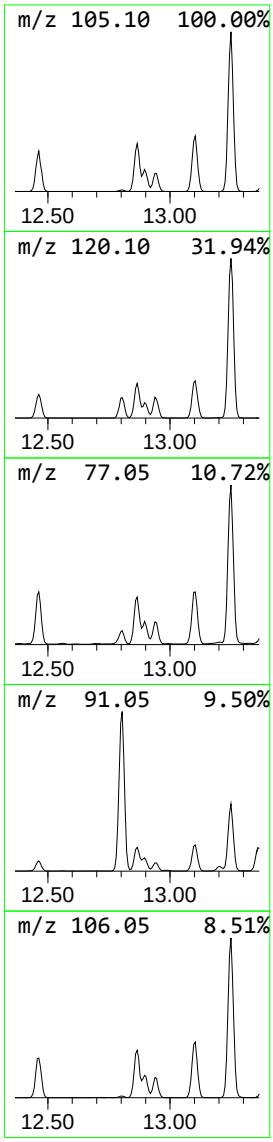
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	18.45 ug/L	2314130	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

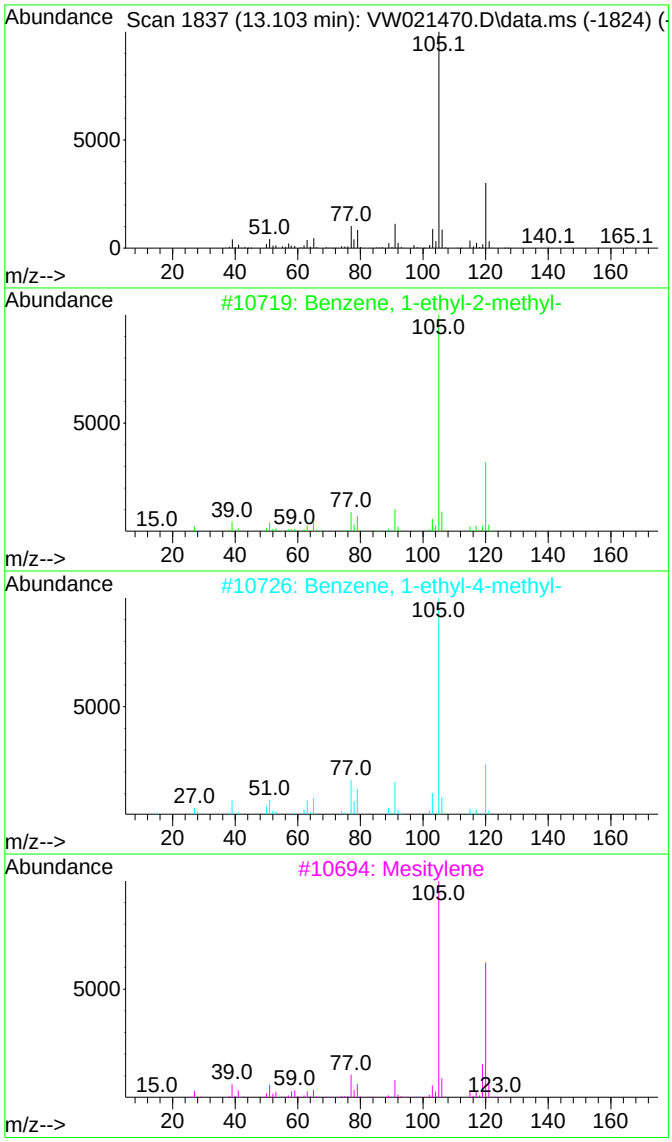
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

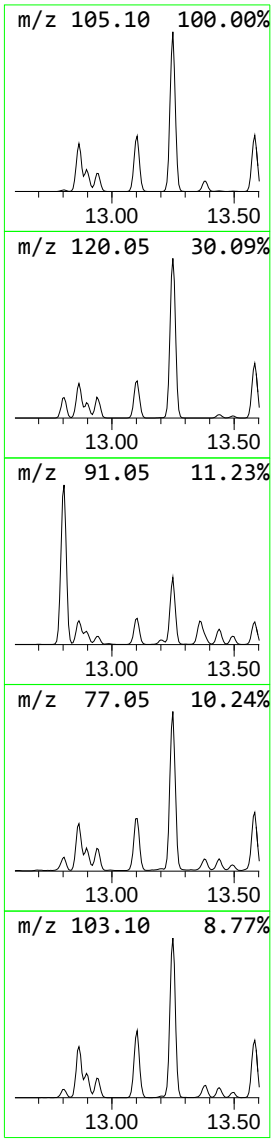
****

Peak Number 38 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	23.92 ug/L	3000010	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

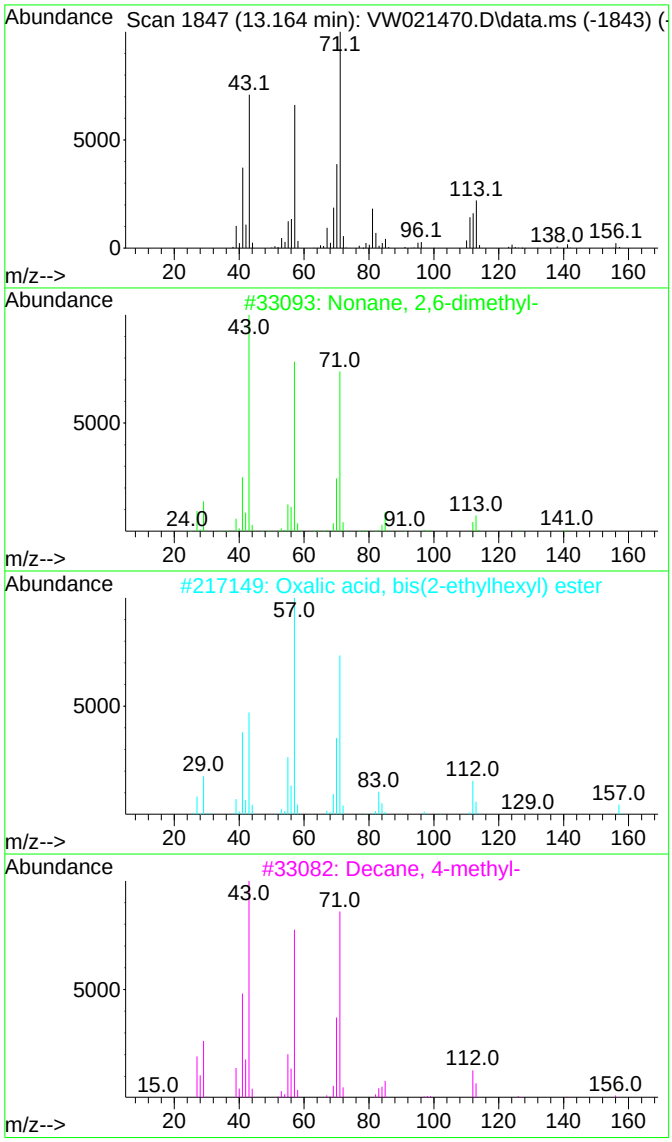
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

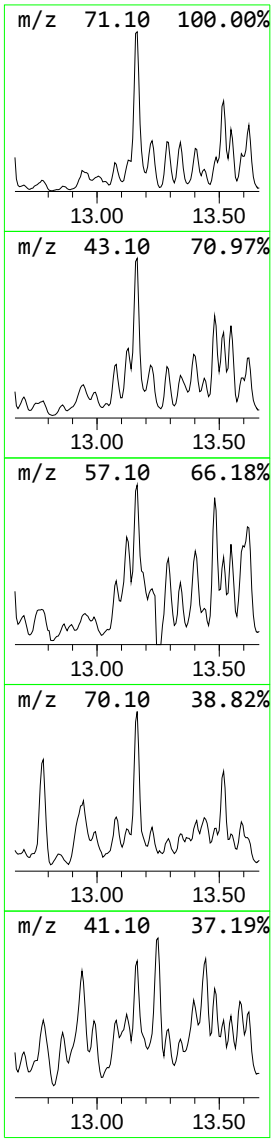
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	2.63 ug/L	330424	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	81
2	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
3	Decane, 4-methyl-	156	C11H24	002847-72-5	59
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

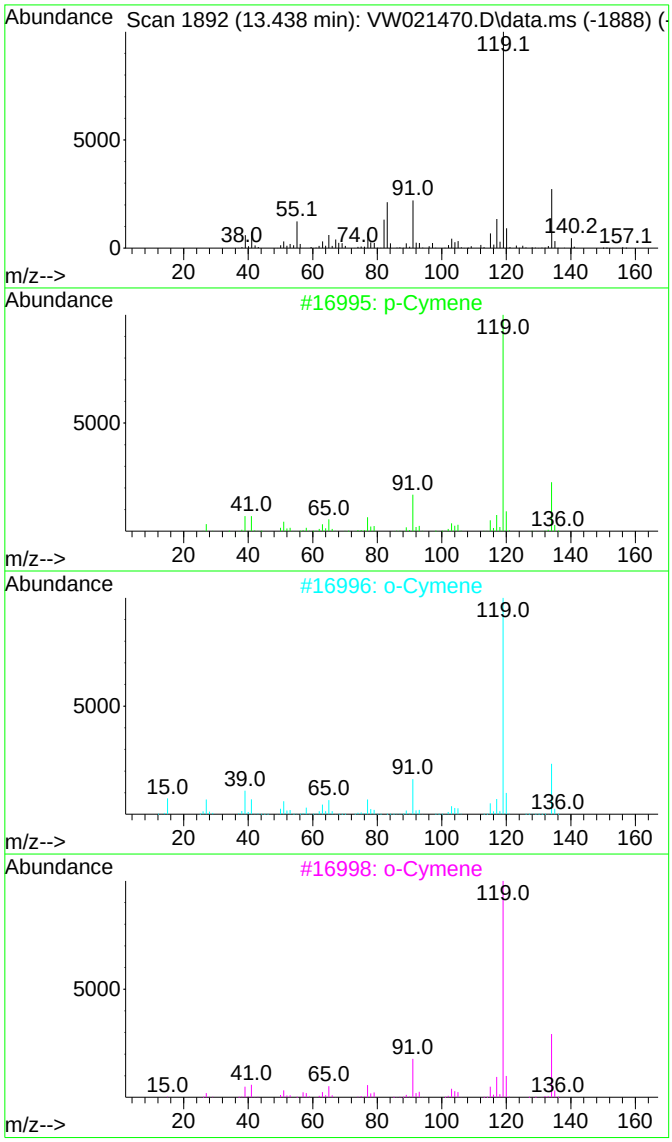
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

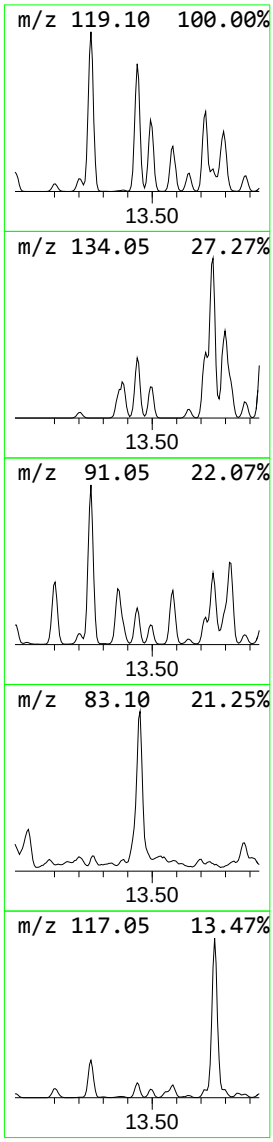
****

Peak Number 41 p-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	8.86 ug/L	1111660	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

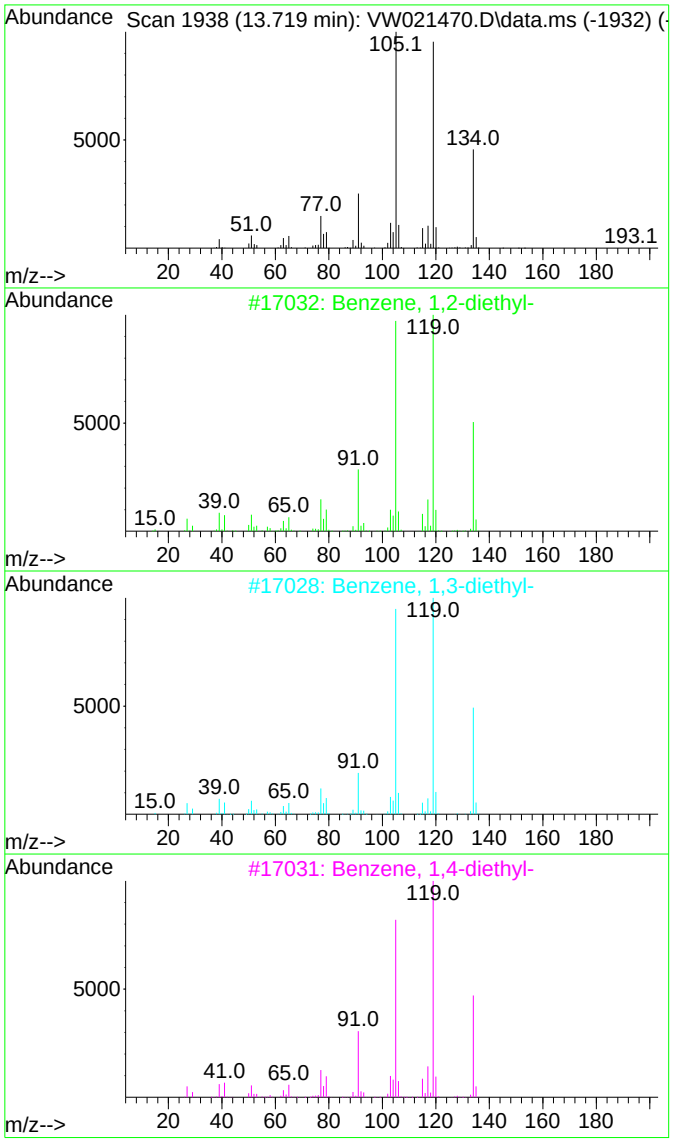
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

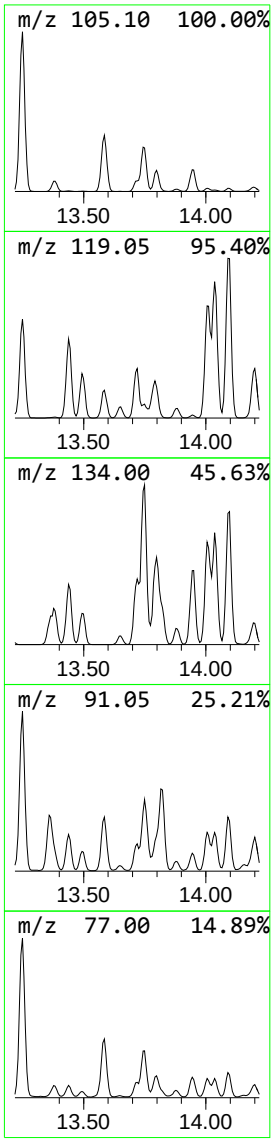
****

Peak Number 42 Benzene, 1,2-diethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	5.49 ug/L	688935	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

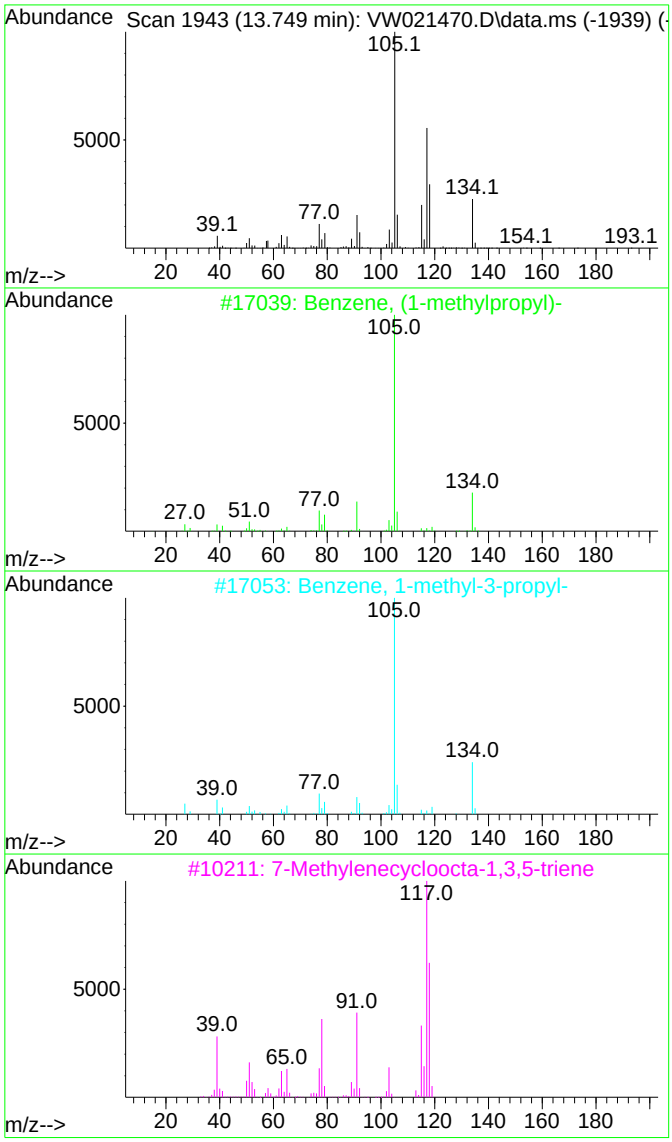
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

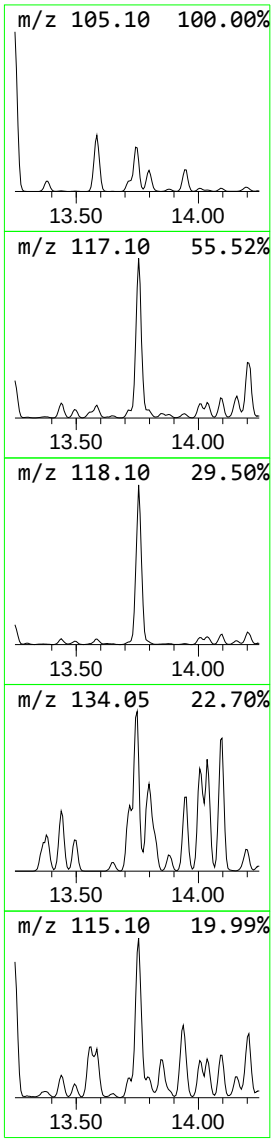
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, (1-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	23.74 ug/L	2977920	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	43
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	43
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

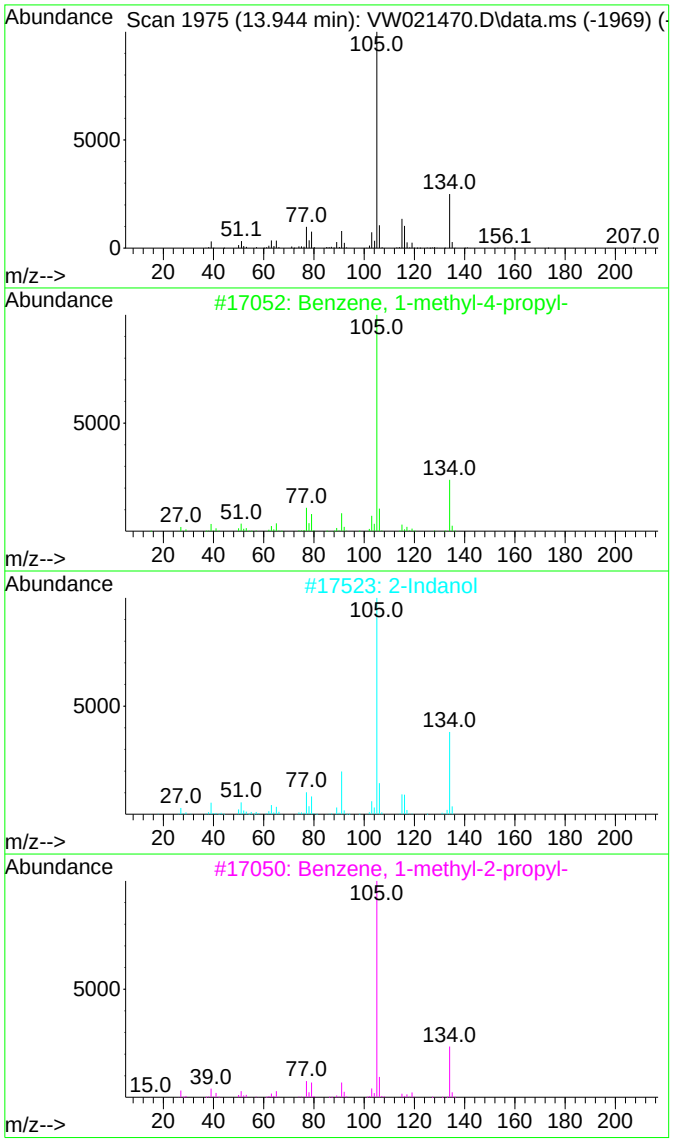
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

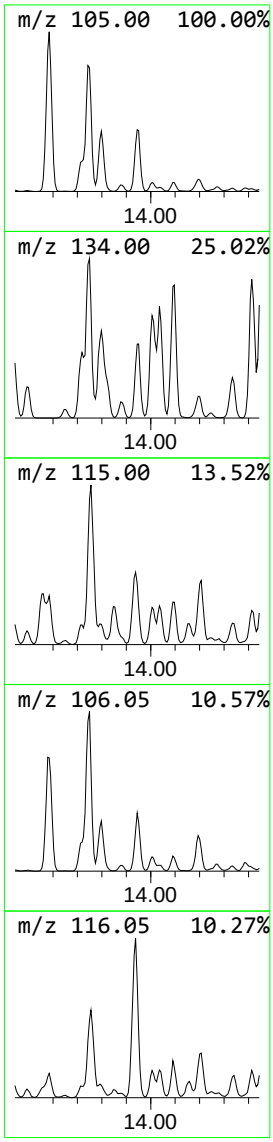
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-methyl-4-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	8.06 ug/L	1011570	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	2-Indanol	134	C9H10O	004254-29-9	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

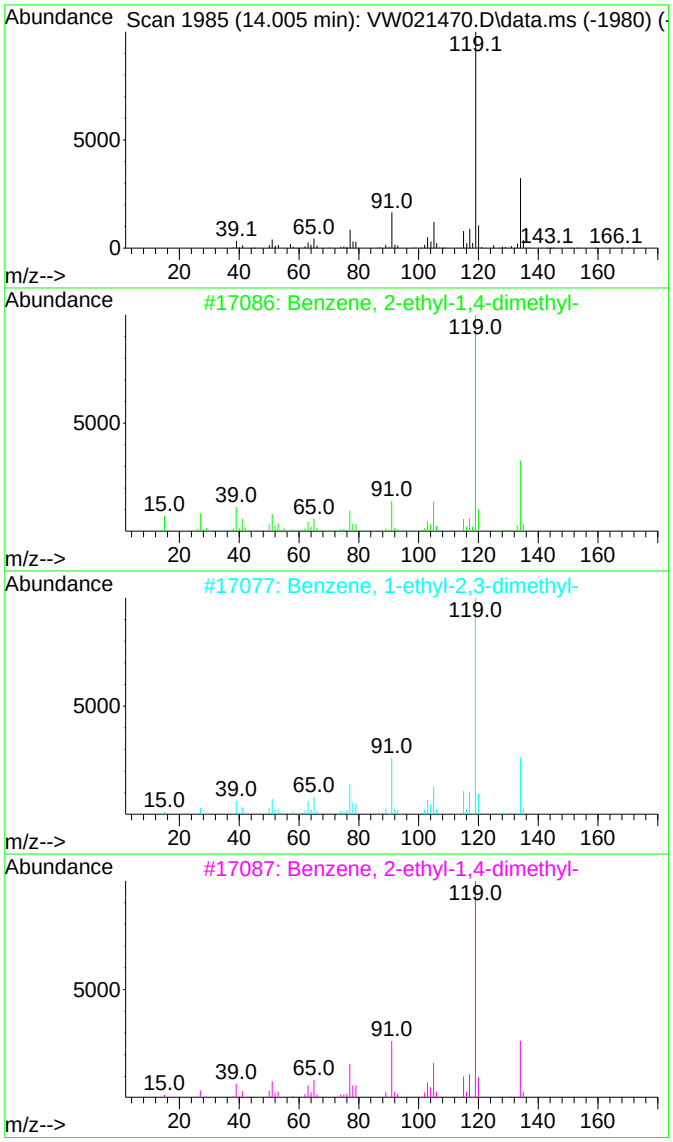
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

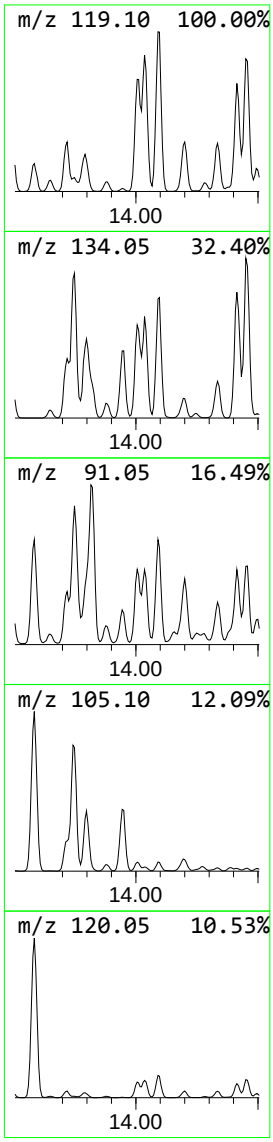
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	9.78 ug/L	1226980	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

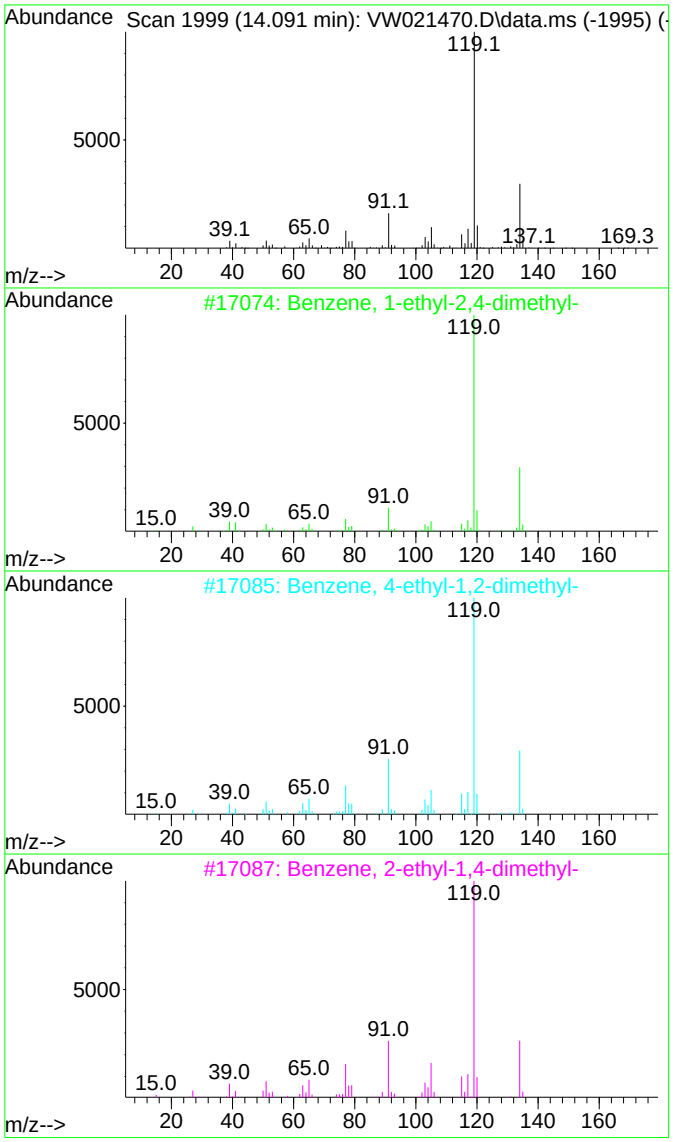
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

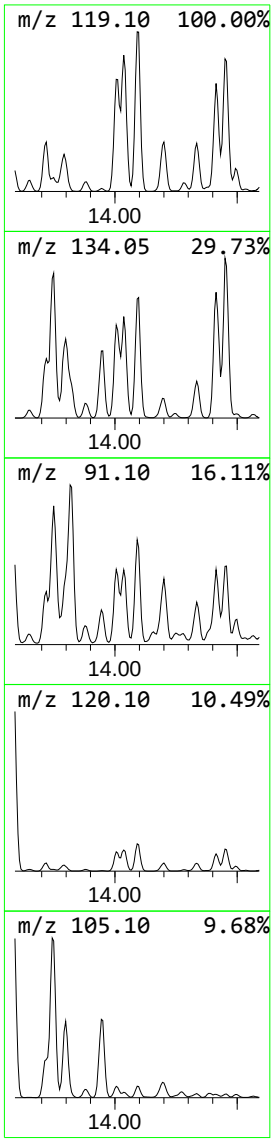
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	11.40 ug/L	1429700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

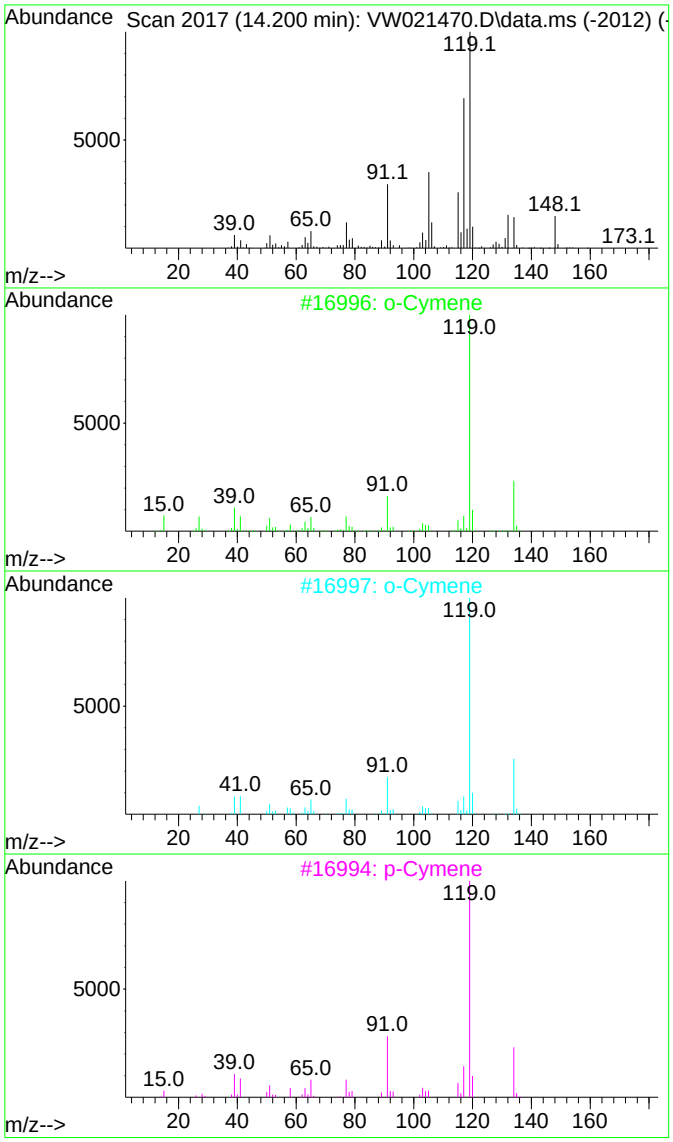
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

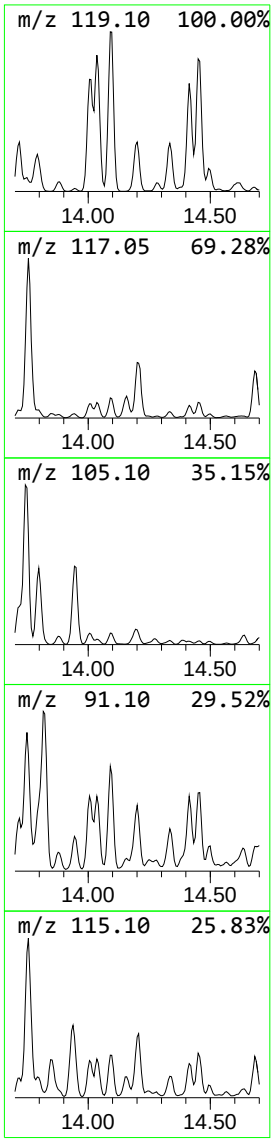
****

Peak Number 48 o-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	7.30 ug/L	915918	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	50
2	o-Cymene	134	C10H14	000527-84-4	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	p-Cymene	134	C10H14	000099-87-6	45
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

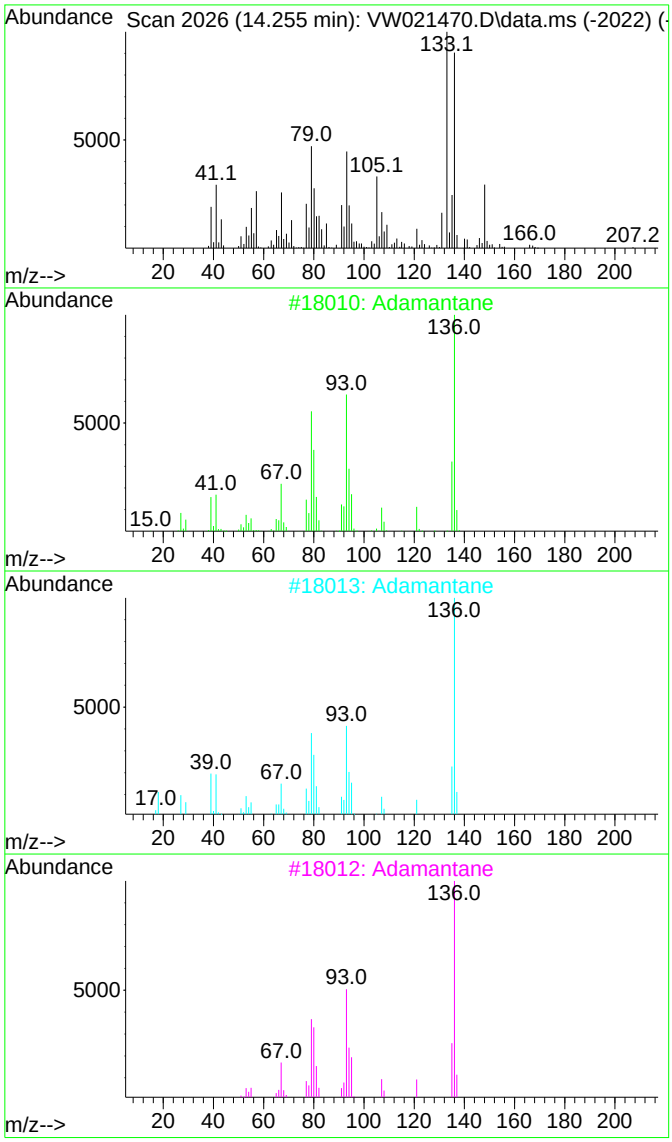
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

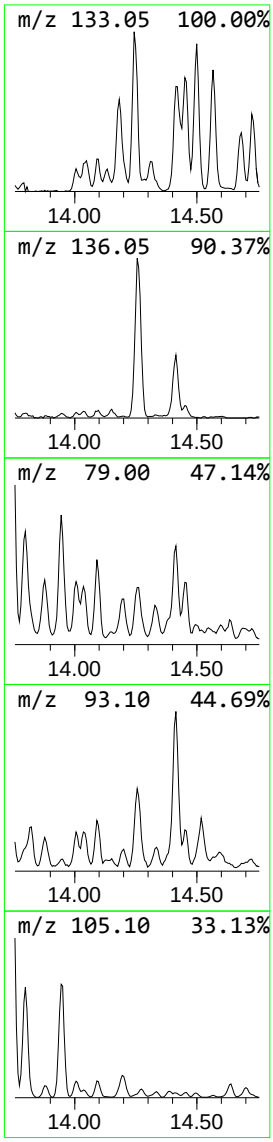
****

Peak Number 49 Adamantane Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	2.65 ug/L	332972	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	93
2	Adamantane	136	C10H16	000281-23-2	83
3	Adamantane	136	C10H16	000281-23-2	49
4	Adamantane	136	C10H16	000281-23-2	45
5	Adamantane	136	C10H16	000281-23-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

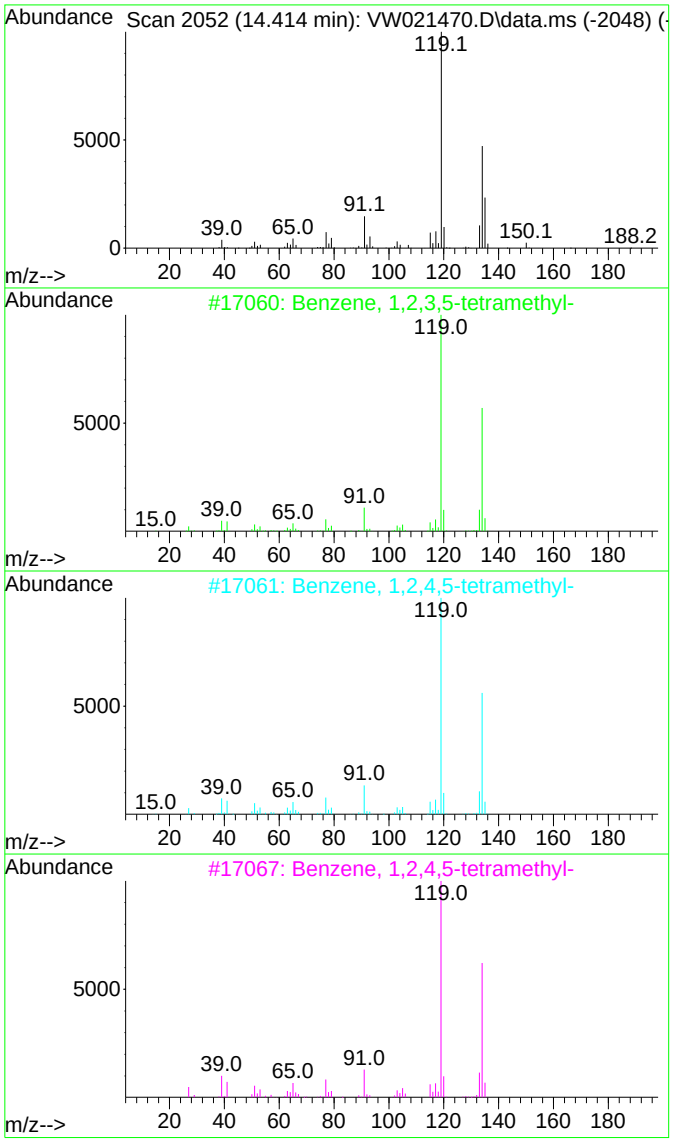
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

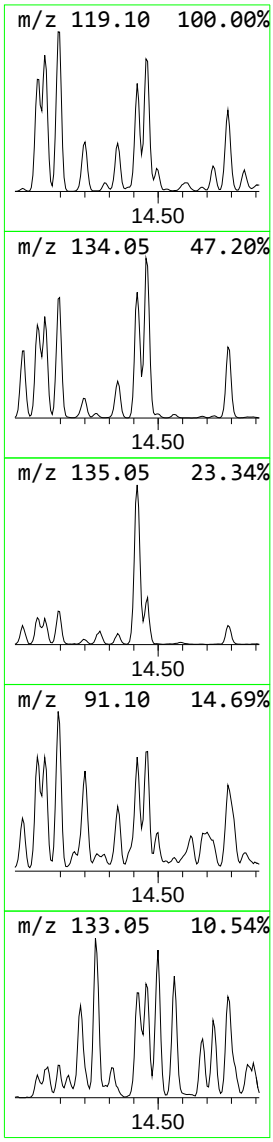
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	10.17 ug/L	1275040	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

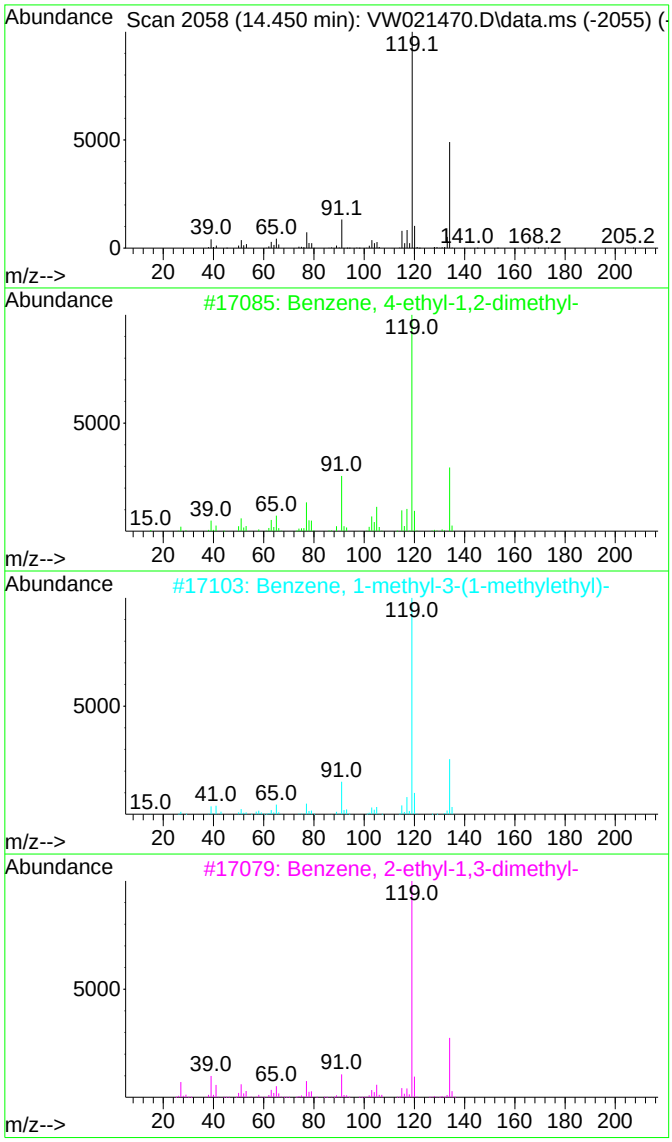
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

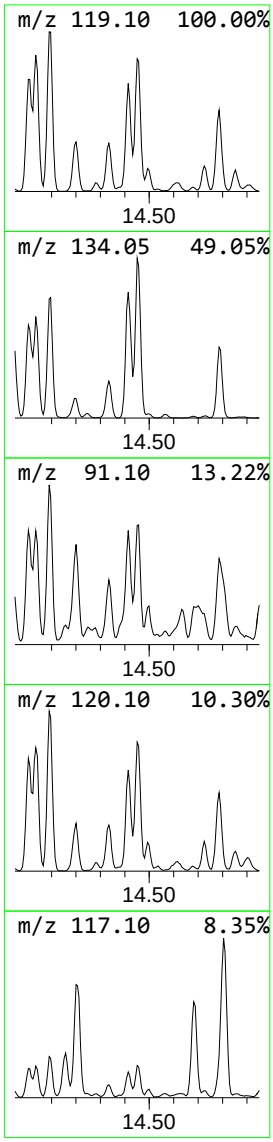
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	9.88 ug/L	1239760	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	p-Cymene	134	C10H14	000099-87-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

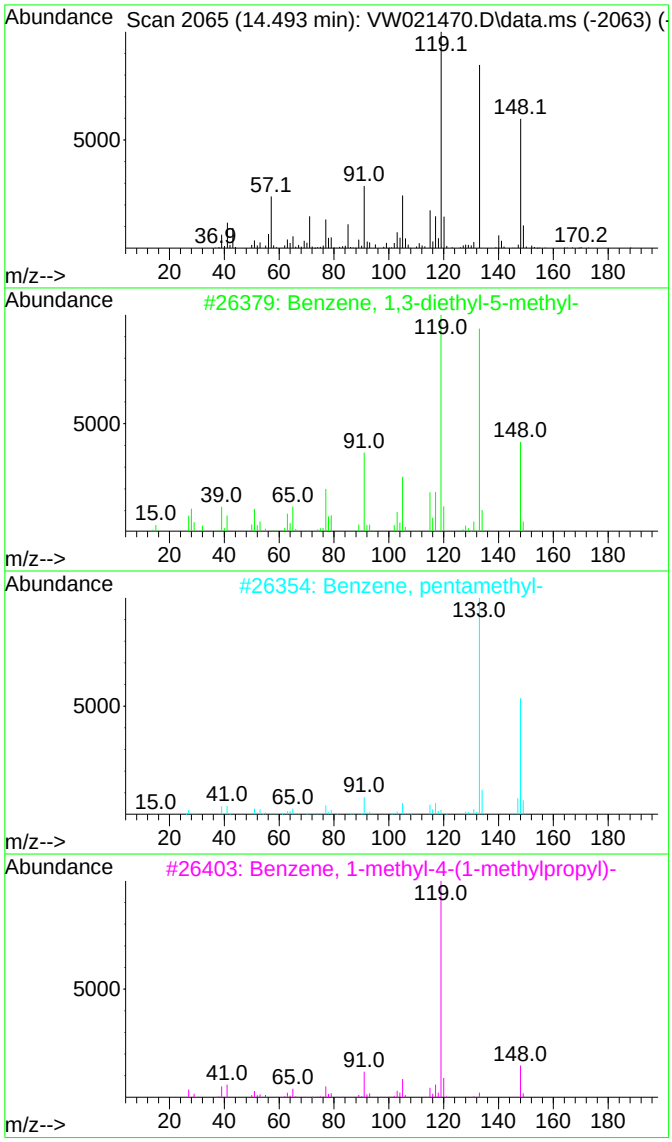
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

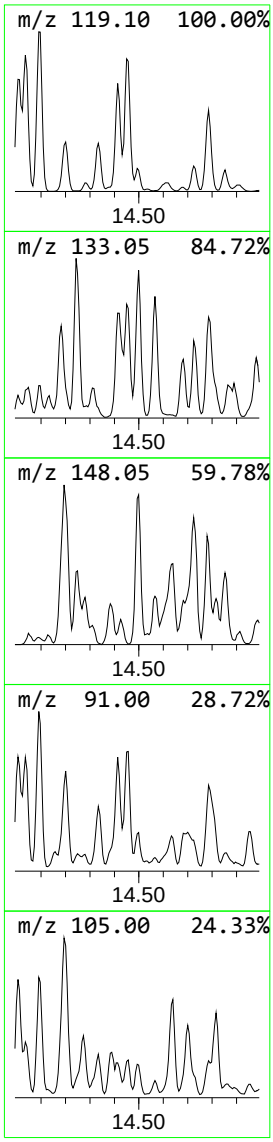
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	2.41 ug/L	301791	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
5	1,3-Cyclopentadiene-1-carboxylic...	180	C10H12O3	014374-52-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

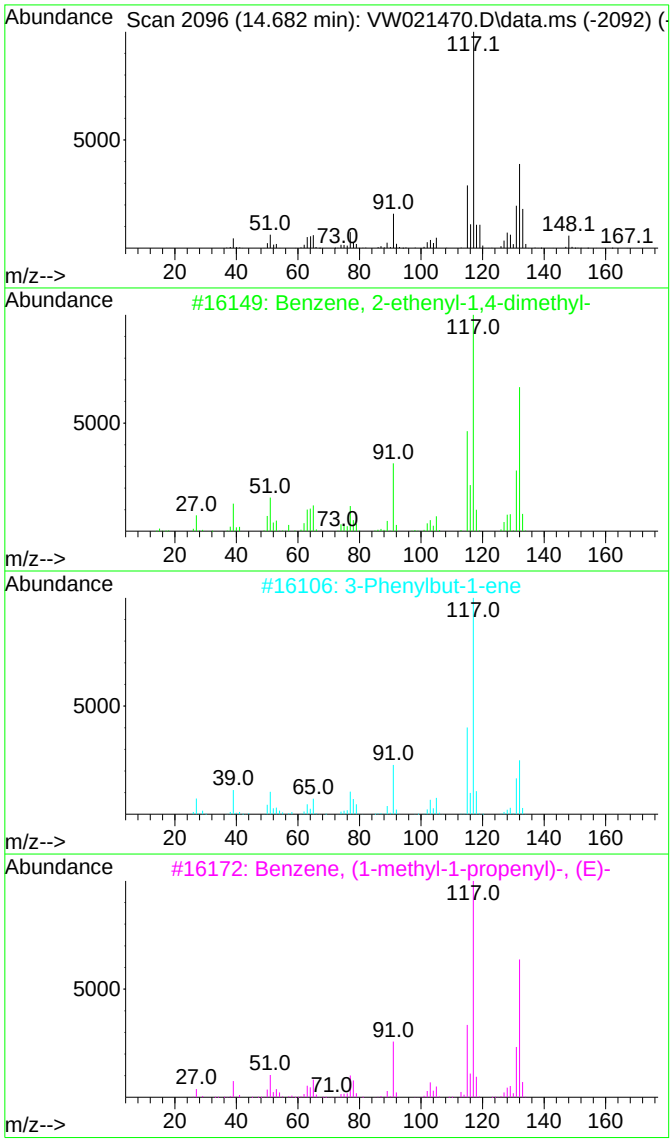
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

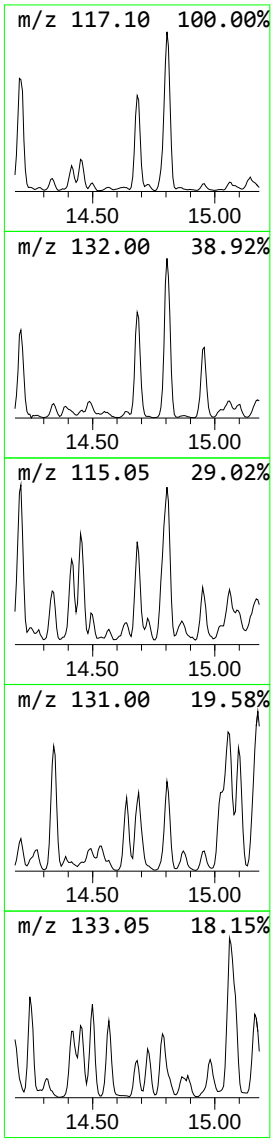
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	3.62 ug/L	453859	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

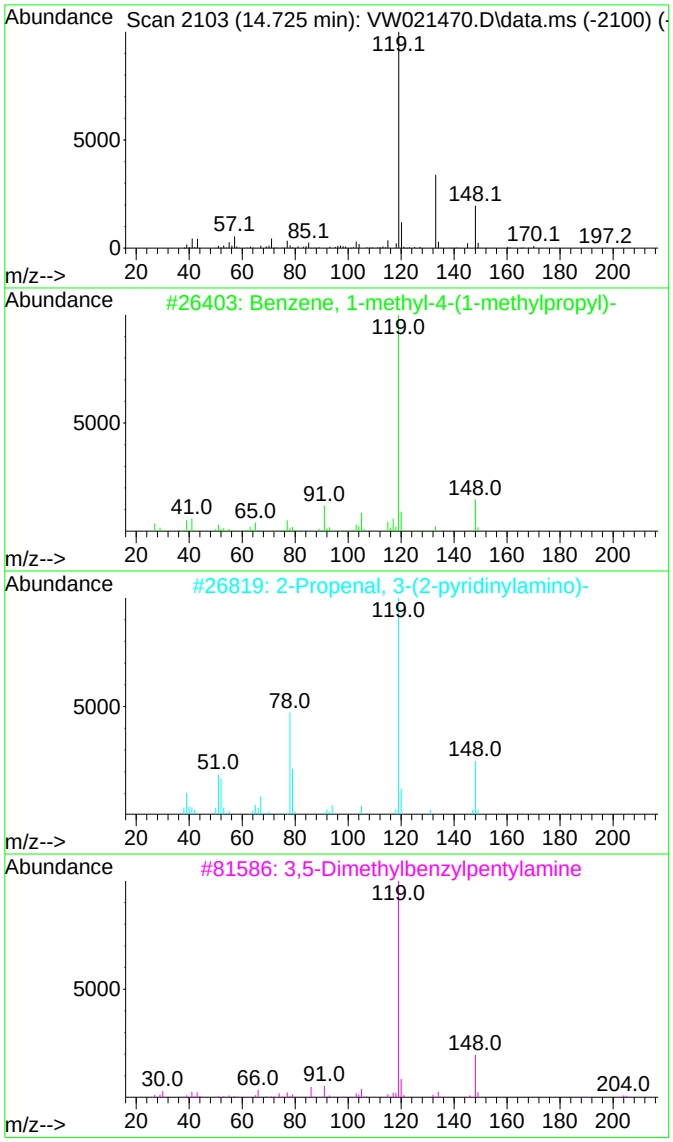
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

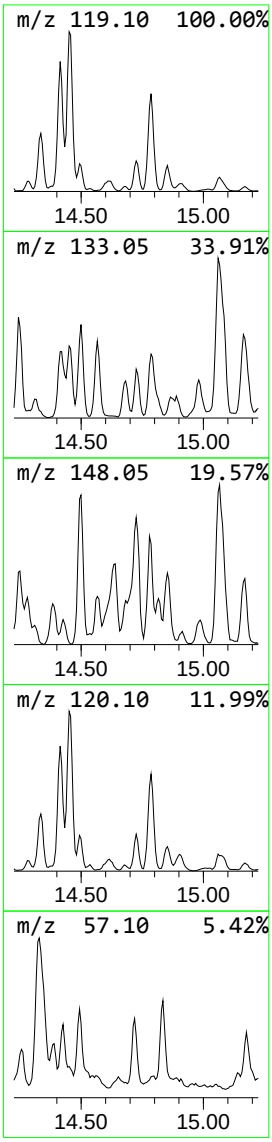
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	2.38 ug/L	298189	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	59
3	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	40
5	o-Toluylamide, N-(2-phenylethyl)...	463	C32H49NO	1000451-66-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

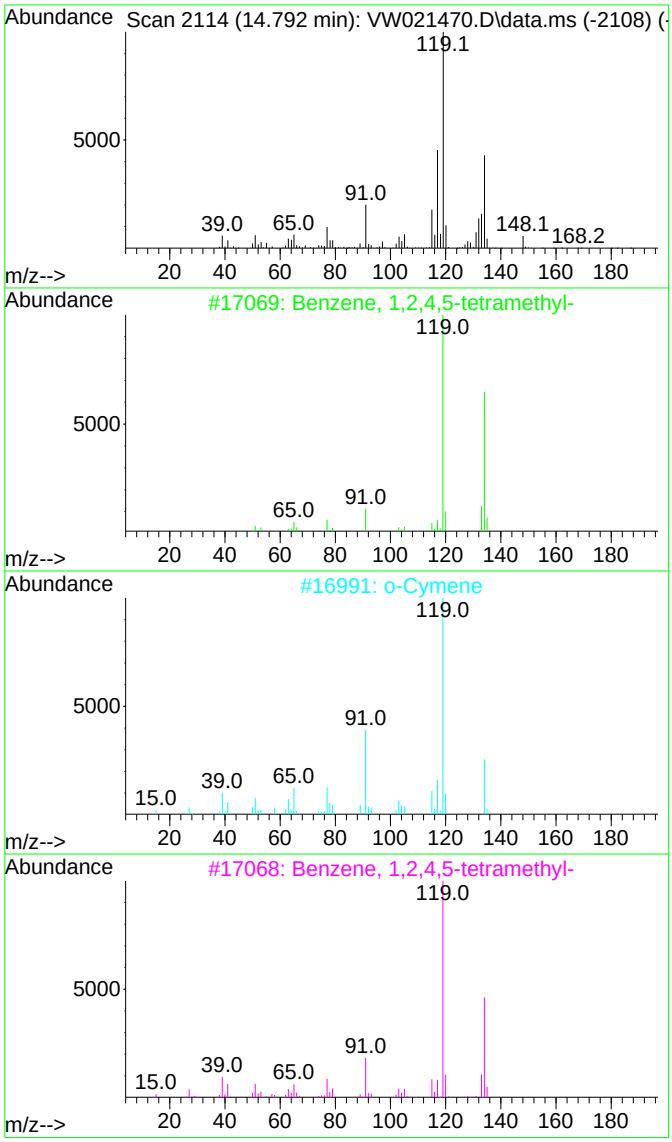
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

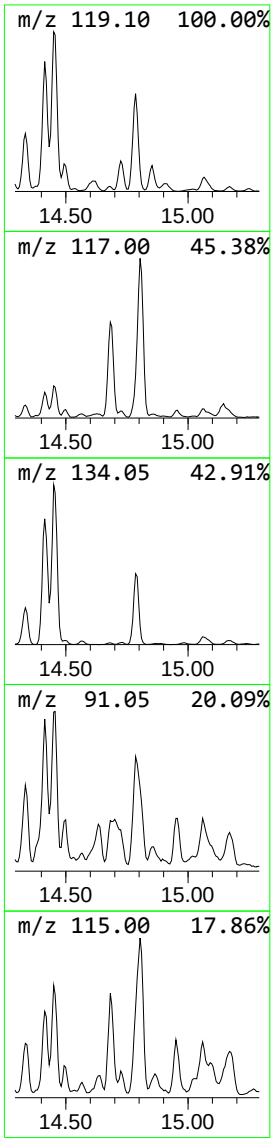
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	12.24 ug/L	1535380	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

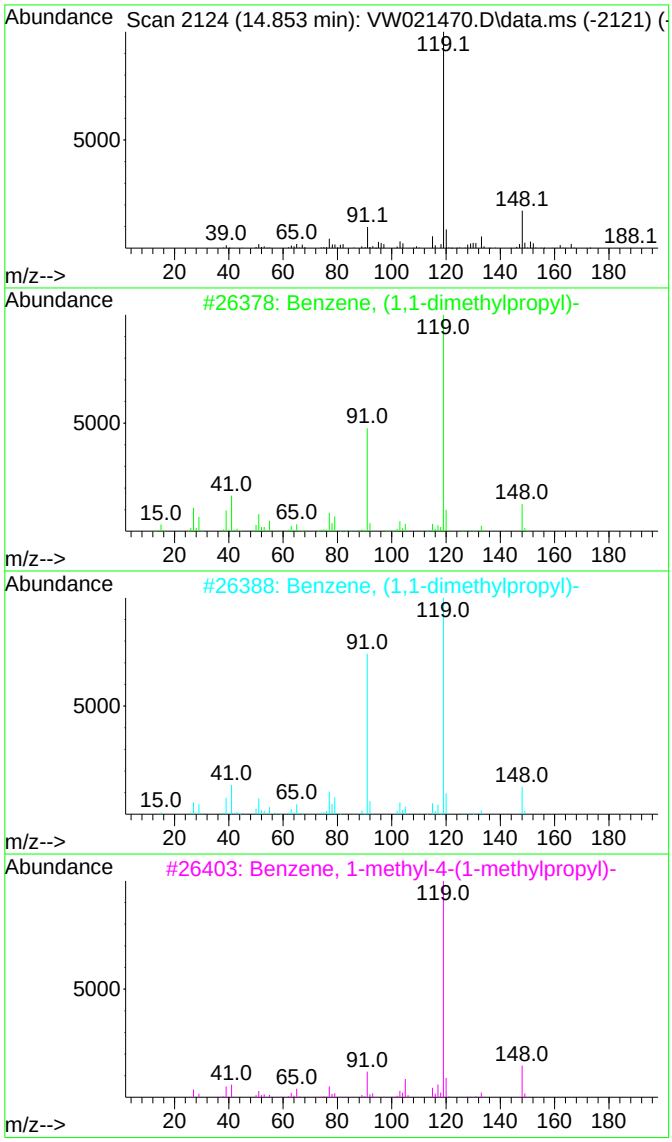
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

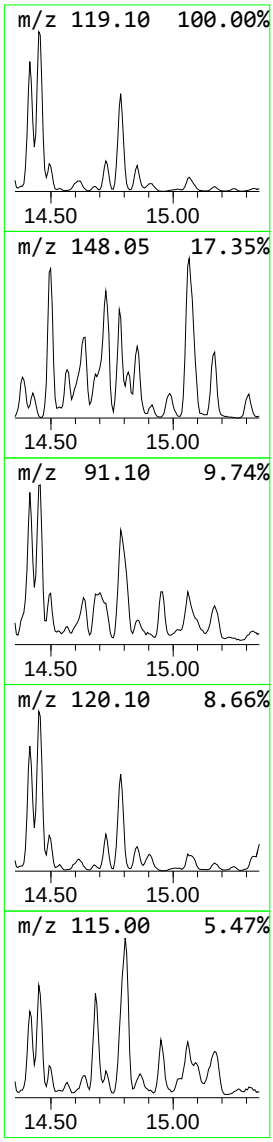
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, (1,1-dimethylpropyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	1.39 ug/L	174506	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	78
4	p-Cymene	134	C10H14	000099-87-6	64
5	Butyric acid, 2-phenyl-, 4-nitro...	285	C16H15NO4	1000406-87-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

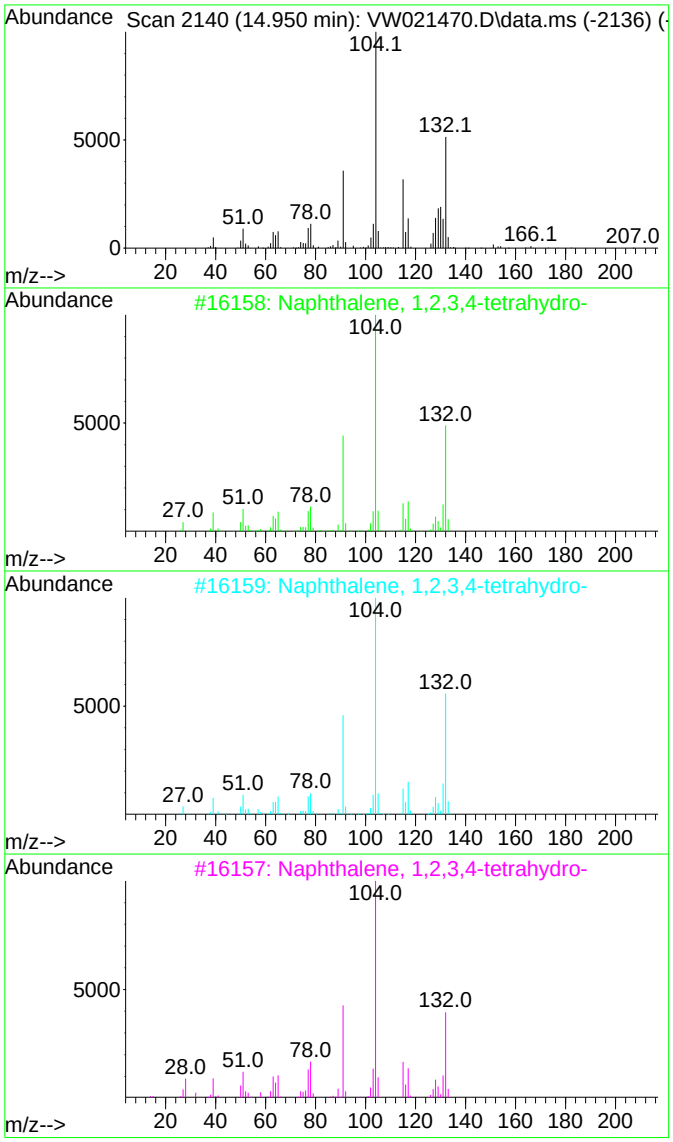
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

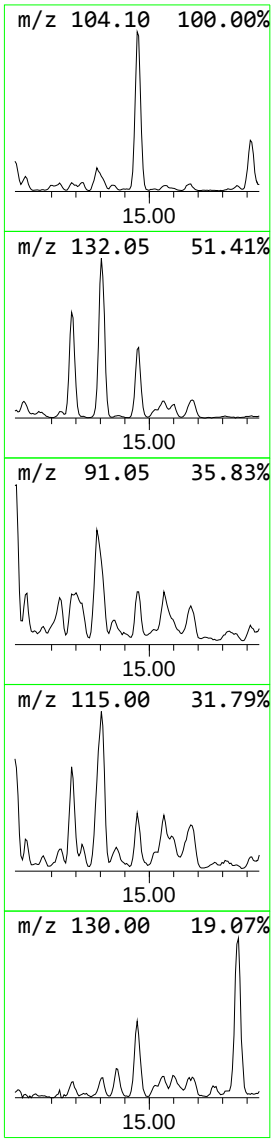
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	1.93 ug/L	241520	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

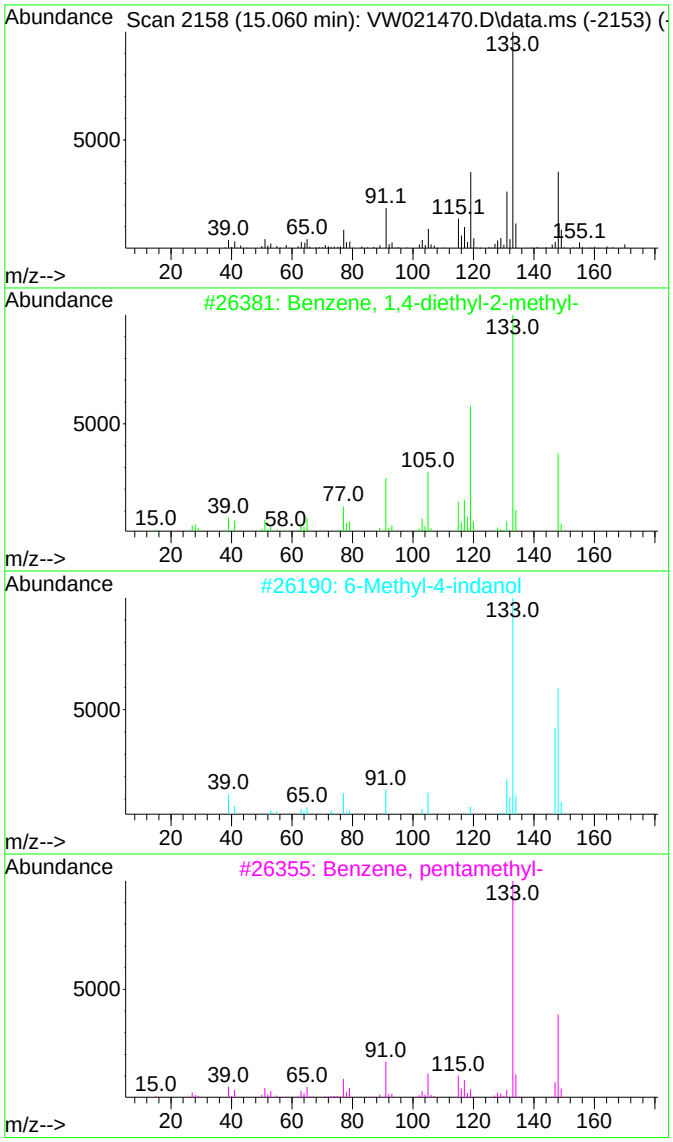
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

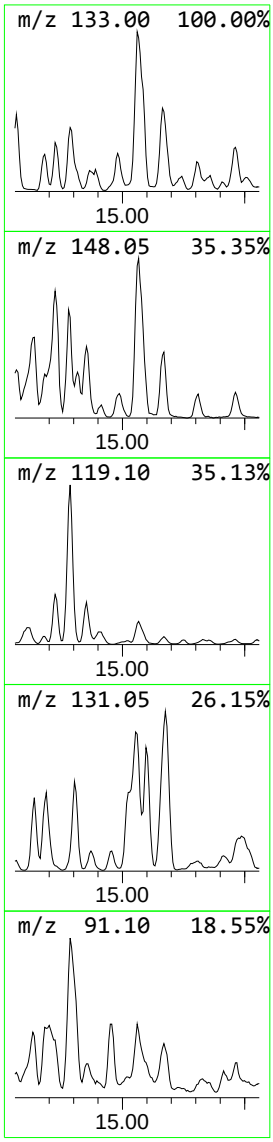
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	4.04 ug/L	506323	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	80
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

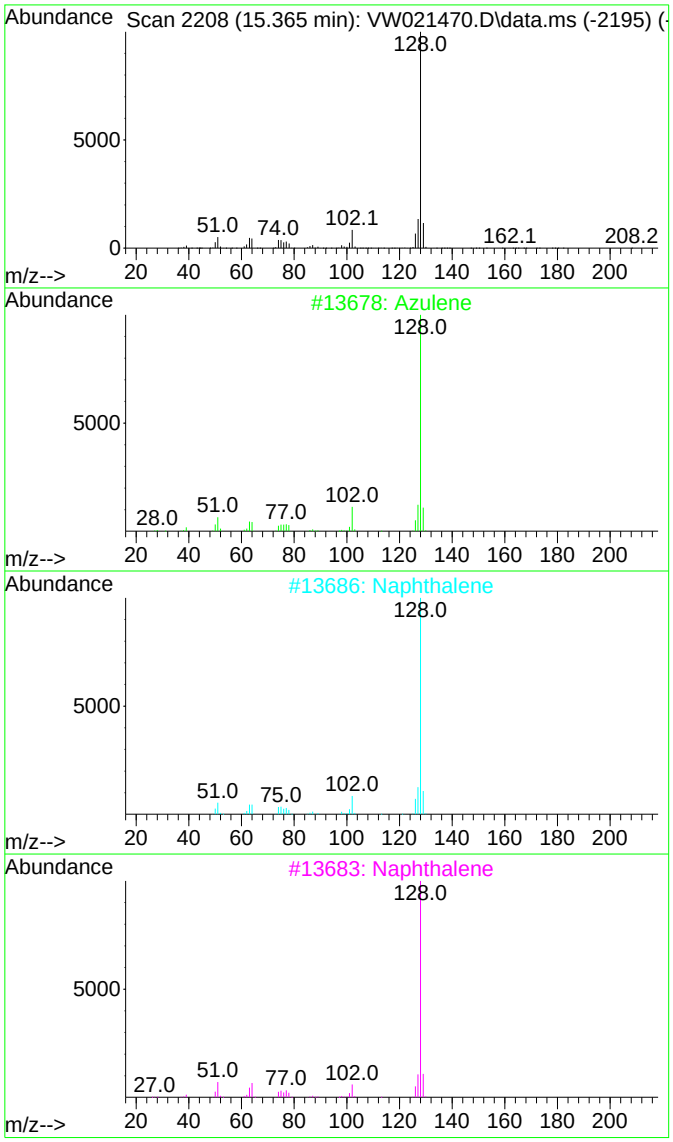
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

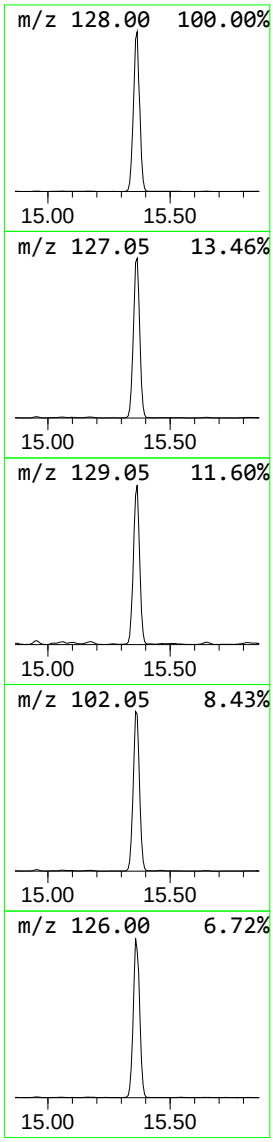
****

Peak Number 61 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	75.59 ug/L	9481700	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

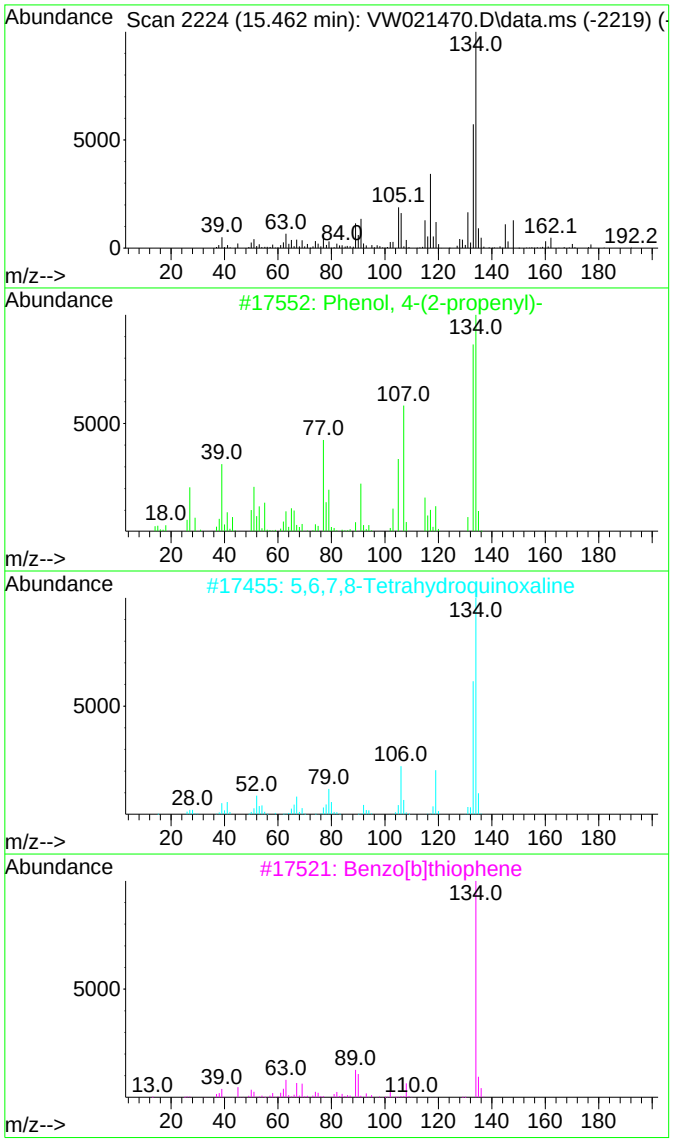
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

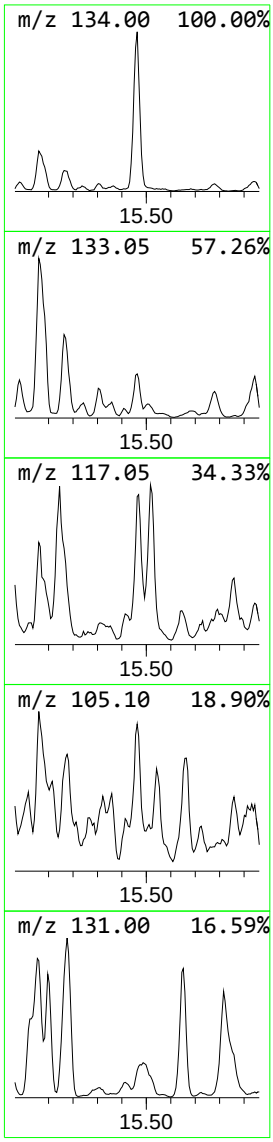
****

Peak Number 62 Phenol, 4-(2-propenyl)- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	1.73 ug/L	217167	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	53
2	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	52
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	46
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	46
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

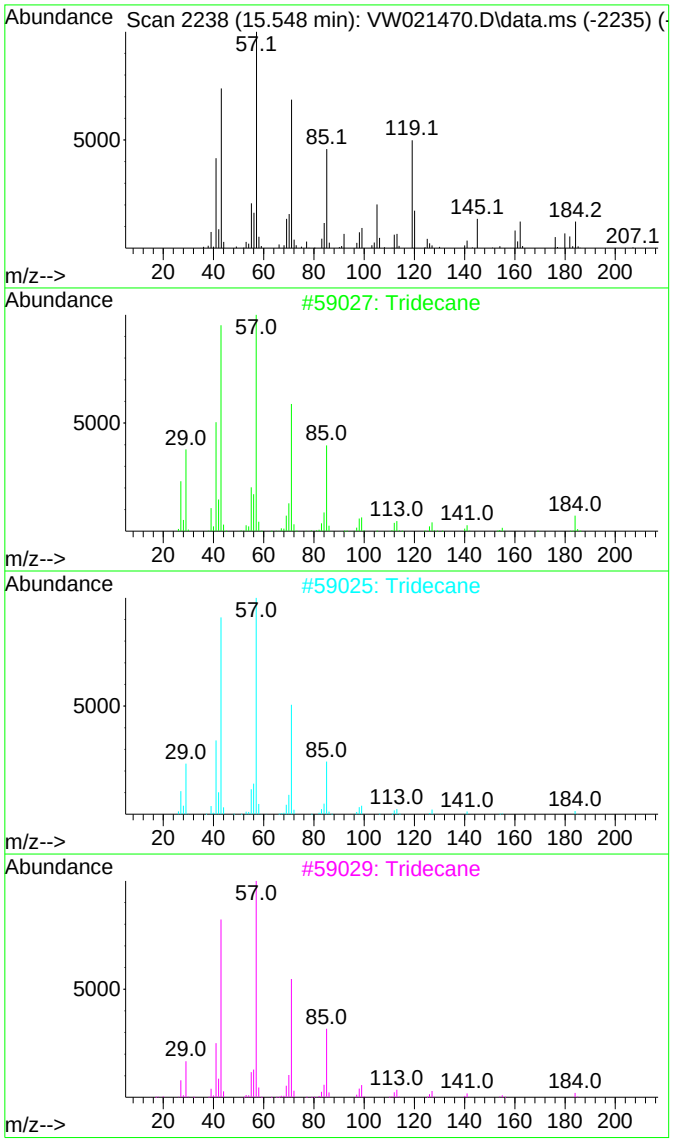
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

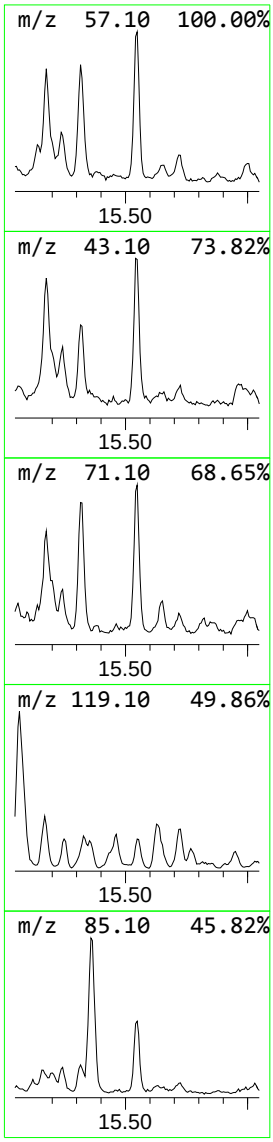
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	1.35 ug/L	169033	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Tridecane	184	C13H28	000629-50-5	70
3	Tridecane	184	C13H28	000629-50-5	55
4	Tridecane	184	C13H28	000629-50-5	45
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

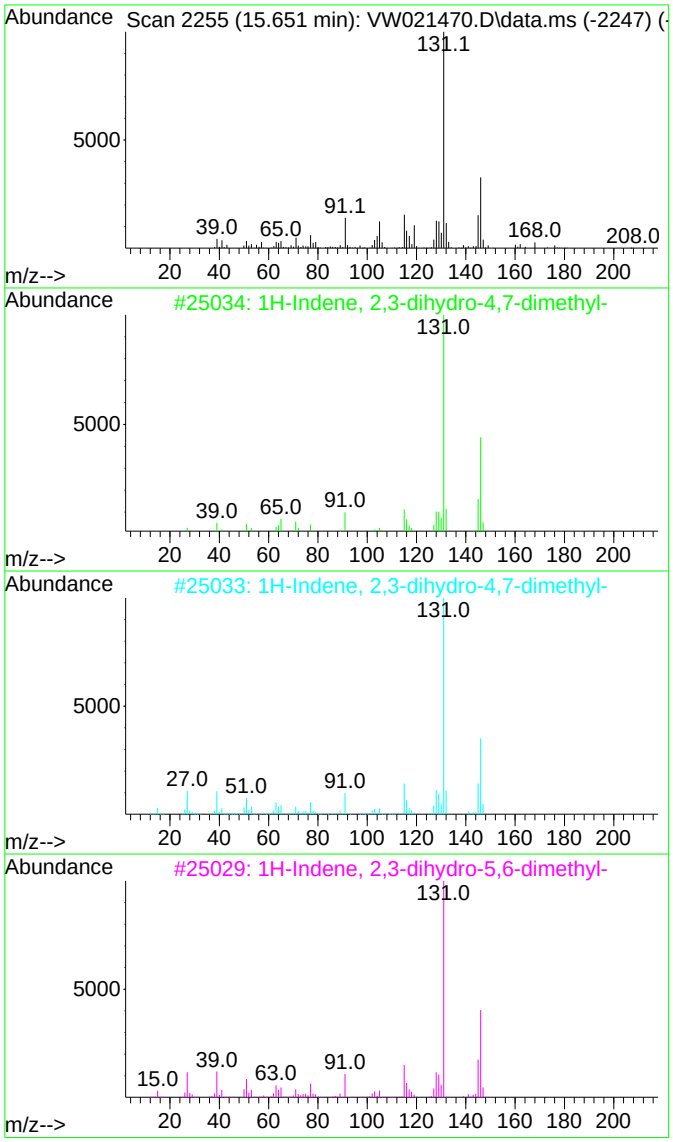
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

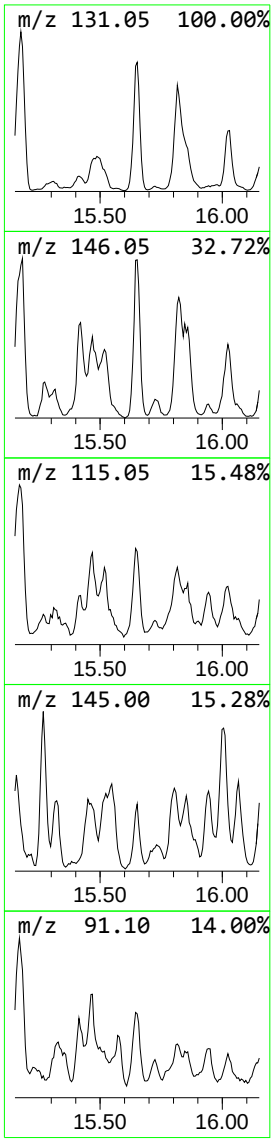
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.22 ug/L	278474	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

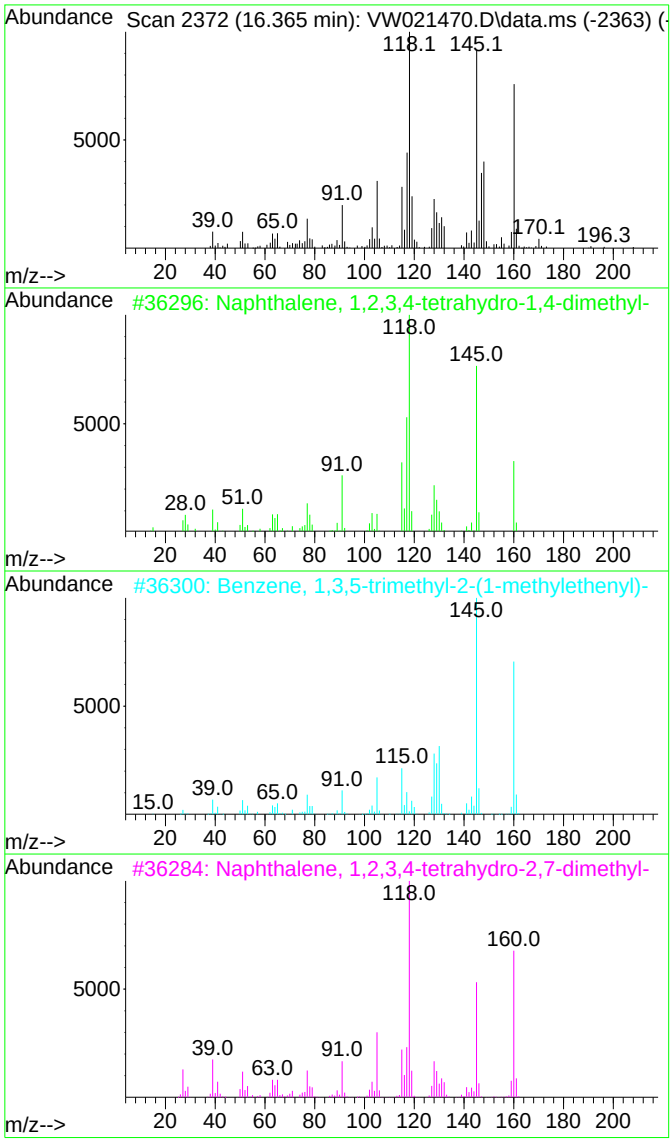
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

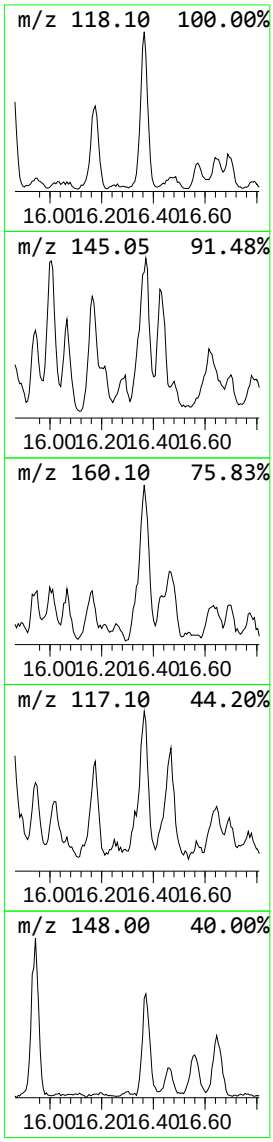
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	1.72 ug/L	215979	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021470.D
Acq On : 18 Dec 2021 12:41
Operator : SY/VA
Sample : M5154-10
Misc : 6.48g/10.0mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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...	4.946	6.7	ug/L	113841	1	8.842	424486	25.0
(DEL) Alkane: S...	5.421	5.3	ug/L	89715	1	8.842	424486	25.0
2-Ethyl-oxetane	5.934	8.3	ug/L	140778	1	8.842	424486	25.0
unknown-01	6.903	5.6	ug/L	94458	1	8.842	424486	25.0
(DEL) Alkane: C...	6.976	5.2	ug/L	87909	1	8.842	424486	25.0
(DEL) Alkane: S...	8.031	5.2	ug/L	89053	1	8.842	424486	25.0
(DEL) Alkane: S...	8.153	14.6	ug/L	248653	1	8.842	424486	25.0
(DEL) Alkane: C...	8.427	4.7	ug/L	79723	1	8.842	424486	25.0
(DEL) Alkane: C...	8.494	6.1	ug/L	103113	1	8.842	424486	25.0
(DEL) Alkane: S...	8.689	6.0	ug/L	102316	1	8.842	424486	25.0
(DEL) Alkane: S...	9.067	5.0	ug/L	84212	1	8.842	424486	25.0
Pentanal	9.409	5.2	ug/L	87560	1	8.842	424486	25.0
(DEL) Alkane: S...	9.896	5.6	ug/L	95311	1	8.842	424486	25.0
(DEL) Alkane: S...	9.957	7.2	ug/L	122095	1	8.842	424486	25.0
(DEL) Alkane: S...	10.097	10.0	ug/L	170031	1	8.842	424486	25.0
(DEL) Alkane: S...	10.500	5.1	ug/L	119179	2	11.634	582767	25.0
(DEL) Alkane: C...	10.756	5.3	ug/L	123835	2	11.634	582767	25.0
(DEL) Alkane: S...	10.841	3.9	ug/L	89680	2	11.634	582767	25.0
(DEL) Alkane: S...	11.030	5.2	ug/L	121351	2	11.634	582767	25.0
Hexanal	11.067	5.3	ug/L	123938	2	11.634	582767	25.0
(DEL) Alkane: C...	11.109	3.8	ug/L	89124	2	11.634	582767	25.0
(DEL) Alkane: C...	11.177	9.1	ug/L	211784	2	11.634	582767	25.0
(DEL) Alkane: C...	11.225	6.3	ug/L	147713	2	11.634	582767	25.0
(DEL) Alkane: C...	11.274	5.5	ug/L	128121	2	11.634	582767	25.0
(DEL) Alkane: S...	11.335	6.0	ug/L	140419	2	11.634	582767	25.0
(DEL) Alkane: S...	11.408	31.4	ug/L	731265	2	11.634	582767	25.0
(DEL) Alkane: S...	11.512	16.2	ug/L	377269	2	11.634	582767	25.0
(DEL) Alkane: S...	11.914	9.8	ug/L	229549	2	11.634	582767	25.0
(DEL) Alkane: S...	12.060	8.2	ug/L	189915	2	11.634	582767	25.0
(DEL) Alkane: S...	12.249	15.4	ug/L	358563	2	11.634	582767	25.0
Pentalene, octa...	12.335	33.0	ug/L	769281	2	11.634	582767	25.0
(DEL) Alkane: C...	12.384	12.9	ug/L	301220	2	11.634	582767	25.0
(DEL) Alkane: S...	12.536	13.8	ug/L	321225	2	11.634	582767	25.0
(DEL) Alkane: S...	12.567	12.6	ug/L	292706	2	11.634	582767	25.0
Benzene, propyl-	12.804	12.4	ug/L	1556240	3	13.554	3135790	25.0
Benzene, 1-ethy...	12.865	18.4	ug/L	2314130	3	13.554	3135790	25.0
Benzene, 1-ethy...	13.103	23.9	ug/L	3000010	3	13.554	3135790	25.0
(DEL) Alkane: S...	13.164	2.6	ug/L	330424	3	13.554	3135790	25.0
p-Cymene	13.438	8.9	ug/L	1111660	3	13.554	3135790	25.0
Benzene, 1,2-di...	13.719	5.5	ug/L	688935	3	13.554	3135790	25.0
Benzene, (1-met...	13.749	23.7	ug/L	2977920	3	13.554	3135790	25.0
Benzene, 1-meth...	13.944	8.1	ug/L	1011570	3	13.554	3135790	25.0
Benzene, 2-ethy...	14.005	9.8	ug/L	1226980	3	13.554	3135790	25.0
Benzene, 1-ethy...	14.091	11.4	ug/L	1429700	3	13.554	3135790	25.0
o-Cymene	14.200	7.3	ug/L	915918	3	13.554	3135790	25.0
Adamantane	14.255	2.6	ug/L	332972	3	13.554	3135790	25.0
Benzene, 1,2,3,...	14.414	10.2	ug/L	1275040	3	13.554	3135790	25.0
Benzene, 4-ethy...	14.450	9.9	ug/L	1239760	3	13.554	3135790	25.0
Benzene, 1,3-di...	14.493	2.4	ug/L	301791	3	13.554	3135790	25.0
Benzene, 2-ethe...	14.682	3.6	ug/L	453859	3	13.554	3135790	25.0
Benzene, 1-meth...	14.725	2.4	ug/L	298189	3	13.554	3135790	25.0
Benzene, 1,2,4,...	14.792	12.2	ug/L	1535380	3	13.554	3135790	25.0

Benzene, (1,1-d...	14.853	1.4	ug/L	174506	3	13.554	3135790	25.0
Naphthalene, 1,...	14.950	1.9	ug/L	241520	3	13.554	3135790	25.0
Benzene, 1,4-di...	15.060	4.0	ug/L	506323	3	13.554	3135790	25.0
Azulene	15.365	75.6	ug/L	9481700	3	13.554	3135790	25.0
Phenol, 4-(2-pr...	15.462	1.7	ug/L	217167	3	13.554	3135790	25.0
(DEL) Alkane: S...	15.548	1.4	ug/L	169033	3	13.554	3135790	25.0
1H-Indene, 2,3-...	15.651	2.2	ug/L	278474	3	13.554	3135790	25.0
Naphthalene, 1,...	16.365	1.7	ug/L	215979	3	13.554	3135790	25.0

Instrument :
MSVOA_W
ClientSampleId :
BGL90