LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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: VW021568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.141	37	39	42	rBV2	316	327	0.02%	0.002%
2	2.190	45	47	48	rBV	342	269	0.01%	0.002%
3	2.343	64	72	82	rBV	41667	71636	3.33%	0.516%
4	2.495	92	97	108	rBV	7273	14871	0.69%	0.107%
5	2.757	138	140	142	rVB	434	280	0.01%	0.002%
6	2.806	145	148	151	rVV2	602	778	0.04%	0.006%
7	2.879	153	160	170	rVB	23209	48820	2.27%	0.352%
8	3.373	239	241	249	rVB	191	316	0.01%	0.002%
9	3.714	292	297	305	rBV3	633	1511	0.07%	0.011%
10	4.013	336	346	360	rBV	54476	155720	7.25%	1.122%
11	4.147	360	368	383	rVB	4483	12336	0.57%	0.089%
12	4.379	398	406	416	rBV2	1451	4461	0.21%	0.032%
13	4.909	483	493	505	rBV2	6241	19947	0.93%	0.144%
14	5.793	629	638	649	rVB4	2409	7718	0.36%	0.056%
15	5.939	654	662	670	rBV5	991	2628	0.12%	0.019%
16	6.116	688	691	693	rBV	286	270	0.01%	0.002%
17	6.897	810	819	831	rBV5	2591	8370	0.39%	0.060%
18	7.086	841	850	860	rBV	10653	31667	1.47%	0.228%
19	7.244	873	876	877	rBV2	225	294	0.01%	0.002%
20	7.262	877	879	881	rVB2	372	337	0.02%	0.002%
21	7.646	931	942	954	rVV	81518	197049	9.17%	1.420%
22	8.274	1035	1045	1061	rBV2	156339	455777	21.21%	3.284%
23	8.476	1069	1078	1087	rVV2	15972	37986	1.77%	0.274%
24	8.543	1087	1089	1091	rVV3	268	313	0.01%	0.002%
25	8.622	1099	1102	1104	rVB	242	296	0.01%	0.002%
26	8.713	1111	1117	1121	rBB3	519	920	0.04%	0.007%
27	8.841	1129	1138	1151	rBV	170091	335711	15.63%	2.419%
28	9.073	1171	1176	1182	rBV3	388	877	0.04%	0.006%
29	9.140	1182	1187	1195	rVB2	2119	4495	0.21%	0.032%
30	9.274	1201	1209	1215	rVV	105233	210914	9.82%	1.520%
31	9.329	1215	1218	1222	rVV2	9345	16754	0.78%	0.121%
32	9.384	1222	1227	1236	rVV3	12373	27251	1.27%	0.196%
33	9.463	1236	1240	1248	rVV2	1136	2494	0.12%	0.018%
34	9.573	1250	1258	1267	rBB3	3014	6594	0.31%	0.048%
35	9.664	1268	1273	1277	rBB4	594	887	0.04%	0.006%
36	9.756	1282	1288	1296	rBV	14674	28808	1.34%	0.208%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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	9.896	1304	1311	1317	rBV2	16541	34665	1.61%	0.250%
38	9.988	1321	1326	1329	rBV	12330	20846	0.97%	0.150%
39	10.036	1329	1334	1339	rVB	51266	83914	3.91%	0.605%
40	10.091	1339	1343	1347	rBV2	8144	14141	0.66%	0.102%
41	10.213	1357	1363	1365	rBV	5221	9128	0.42%	0.066%
42	10.250	1365	1369	1374	rVB	9360	16129	0.75%	0.116%
43	10.323	1374	1381	1389	rBV	246180	426479	19.85%	3.073%
44	10.384	1389	1391	1397	rVB	3169	3980	0.19%	0.029%
45	10.445	1397	1401	1405	rBV4	1566	2398	0.11%	0.017%
46	10.506	1405	1411	1412	rBV5	1647	3261	0.15%	0.023%
47	10.579	1417	1423	1434	rVB	37126	65645	3.06%	0.473%
48	10.664	1434	1437	1440	rBV3	1206	1643	0.08%	0.012%
49	10.731	1441	1448	1452	rBV4	4961	9534	0.44%	0.069%
50	10.847	1452	1467	1472	rVB5	20898	58597	2.73%	0.422%
51	10.926	1472	1480	1486	rBV3	67095	148574	6.92%	1.070%
52	11.030	1494	1497	1501	rVB2	27216	36498	1.70%	0.263%
53	11.109	1506	1510	1518	rVB2	28427	50547	2.35%	0.364%
54	11.189	1518	1523	1525	rBV3	15105	27443	1.28%	0.198%
55	11.231	1525	1530	1534	rBV	38345	64475	3.00%	0.465%
56	11.335	1543	1547	1551	rBV	34433	48423	2.25%	0.349%
57	11.506	1571	1575	1585	rVB3	26629	57819	2.69%	0.417%
58	11.627	1587	1595	1603	rBV	247980	445011	20.71%	3.206%
59	11.762	1612	1617	1621	rBV	45057	72325	3.37%	0.521%
60	11.816	1621	1626	1630	rVV5	54040	111987	5.21%	0.807%
61	11.871	1630	1635	1639	rVV	133301	252016	11.73%	1.816%
62	11.914	1639	1642	1648	rVB3	68842	114195	5.32%	0.823%
63	11.975	1648	1652	1653	rBV3	8707	12072	0.56%	0.087%
64	12.060	1661	1666	1671	rVB3	34059	63208	2.94%	0.455%
65	12.133	1671	1678	1689	rBV2	168606	449727	20.93%	3.240%
66	12.249	1690	1697	1701	rVB2	100632	189606	8.83%	1.366%
67	12.335	1708	1711	1715	rBV2	62776	113021	5.26%	0.814%
68	12.383	1716	1719	1723	rVB	100878	132816	6.18%	0.957%
69	12.694	1762	1770	1775	rBV5	144321	323091	15.04%	2.328%
70	12.780	1780	1784	1790	rVB2	141050	257614	11.99%	1.856%
71	12.859	1790	1797	1801	rBV3	83134	195097	9.08%	1.406%
72	12.938	1805	1810	1815	rVV3	242863	501843	23.36%	3.616%
73	12.993	1815	1819	1824	rVB	95726	163378	7.60%	1.177%
74	13.078	1829	1833	1836	rVV2	66601	100038	4.66%	0.721%
75	13.121	1837	1840	1843	rVV2	51538	89118	4.15%	0.642%
76	13.164	1843	1847	1855	rVB5	128104	246696	11.48%	1.777%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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	13.249	1857	1861	1865	rVV	118518	168315	7.83%	1.213%
78	13.377	1879	1882	1884	rBV2	36804	52112	2.43%	0.375%
79	13.554	1906	1911	1927	rVB3	259694	570256	26.54%	4.108%
80	13.877	1955	1964	1969	rBV2	274624	746683	34.75%	5.379%
81	14.194	2012	2016	2021	rBV3	66691	114564	5.33%	0.825%
82	14.261	2022	2027	2033	rVB6	87438	166476	7.75%	1.199%
83	14.328	2033	2038	2043	rBV4	54995	103964	4.84%	0.749%
84	14.383	2043	2047	2049	rBV2	85346	134461	6.26%	0.969%
85	14.414	2049	2052	2056	rVV	217824	335298	15.61%	2.416%
86	14.450	2056	2058	2063	rVB	136536	182040	8.47%	1.312%
87	14.499	2063	2066	2069	rBV	22323	36390	1.69%	0.262%
88	14.639	2085	2089	2093	rVB	78704	110345	5.14%	0.795%
89	14.731	2101	2104	2107	rVB	20266	26012	1.21%	0.187%
90	14.785	2108	2113	2122	rBV4	70178	198220	9.23%	1.428%
91	15.060	2154	2158	2166	rBV3	80685	165733	7.71%	1.194%
92	15.176	2172	2177	2182	rVB4	65587	124886	5.81%	0.900%
93	15.358	2197	2207	2217	rBV	1177414	2148466	100.00%	15.479%
94	15.547	2236	2238	2247	rVB2	42800	74812	3.48%	0.539%
95	15.651	2247	2255	2261	rBV3	50495	143640	6.69%	1.035%
96	15.810	2272	2281	2286	rBV6	30118	103939	4.84%	0.749%
97	15.944	2298	2303	2308	rBV2	47702	84693	3.94%	0.610%
98	16.364	2368	2372	2378	rVB3	64067	126444	5.89%	0.911%
99	16.438	2378	2384	2397	rVB	130958	336463	15.66%	2.424%
100	16.639	2409	2417	2430	rVB	396551	899345	41.86%	6.479%

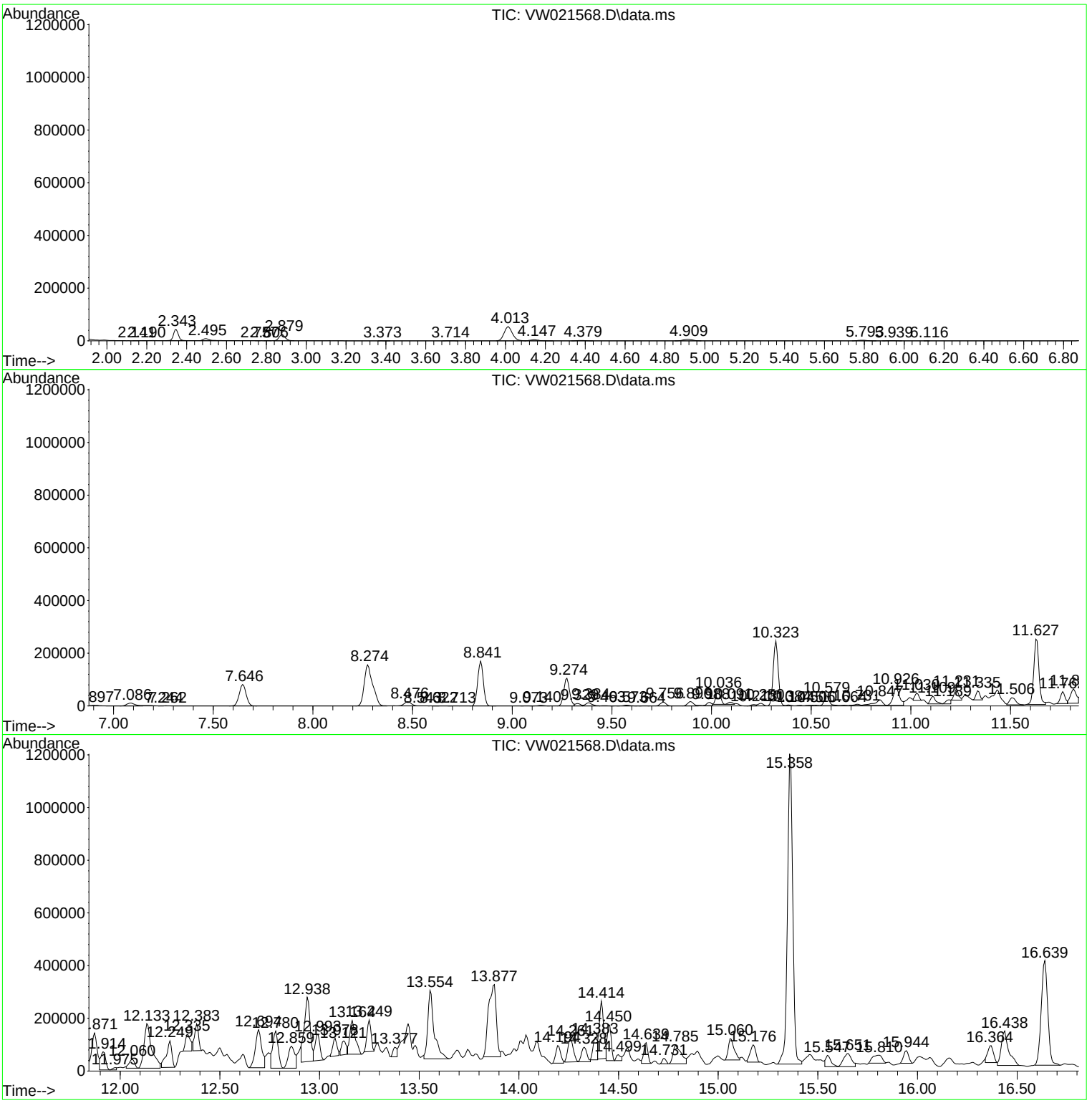
Sum of corrected areas: 13880237

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

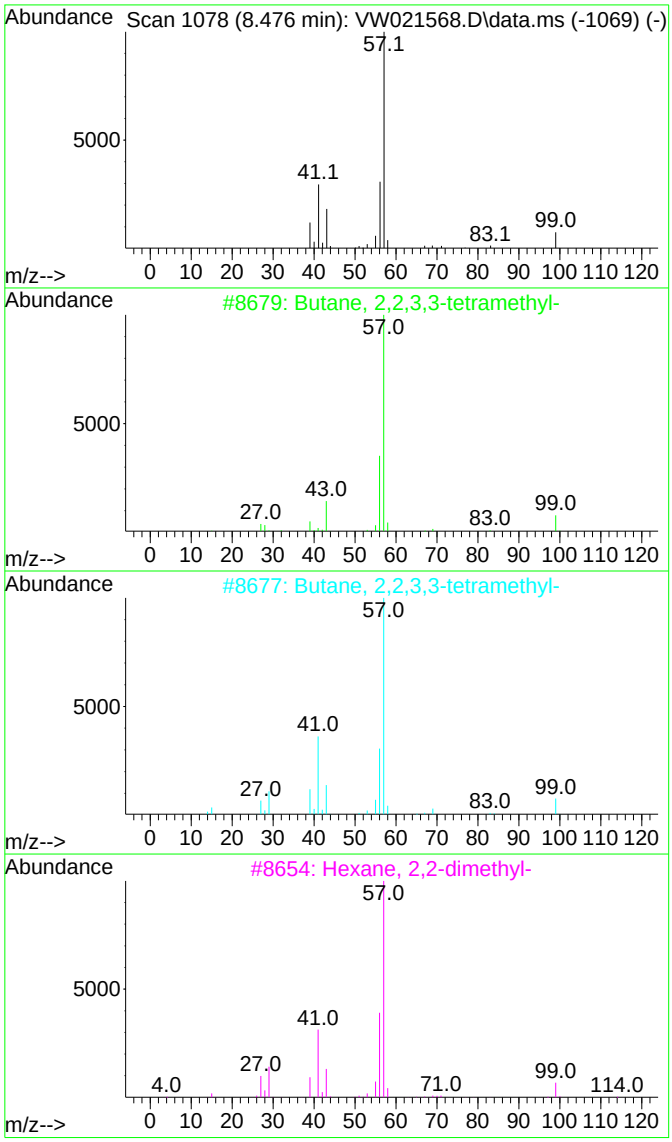
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

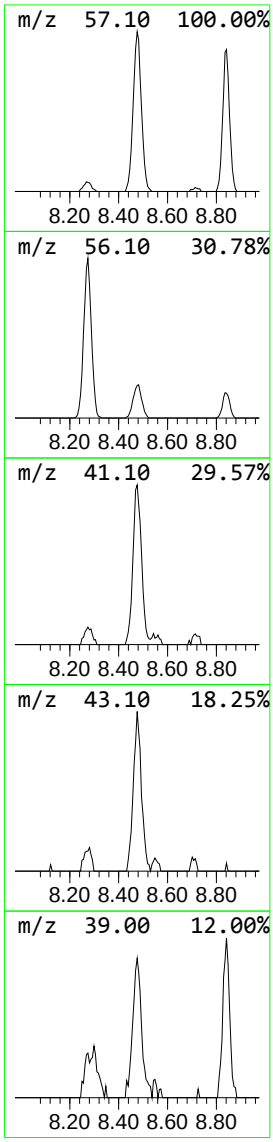
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	2.83 ug/L	37986	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

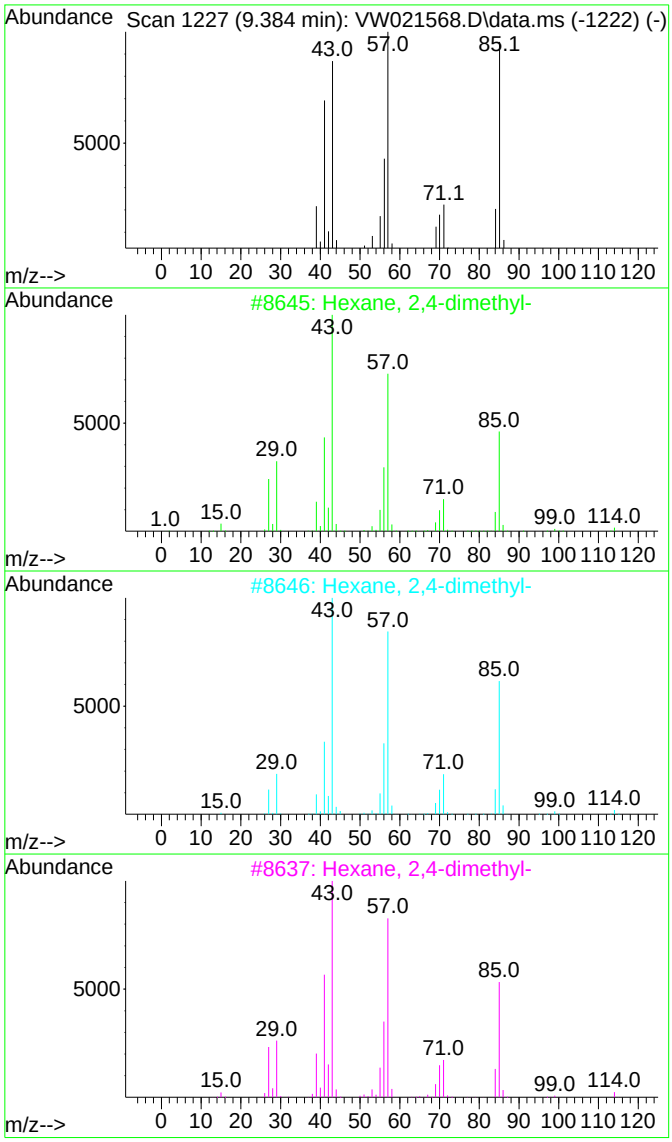
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

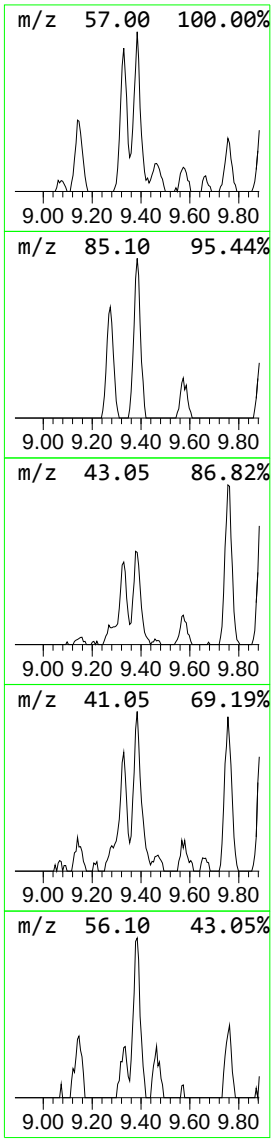
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.384	2.03 ug/L	27251	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

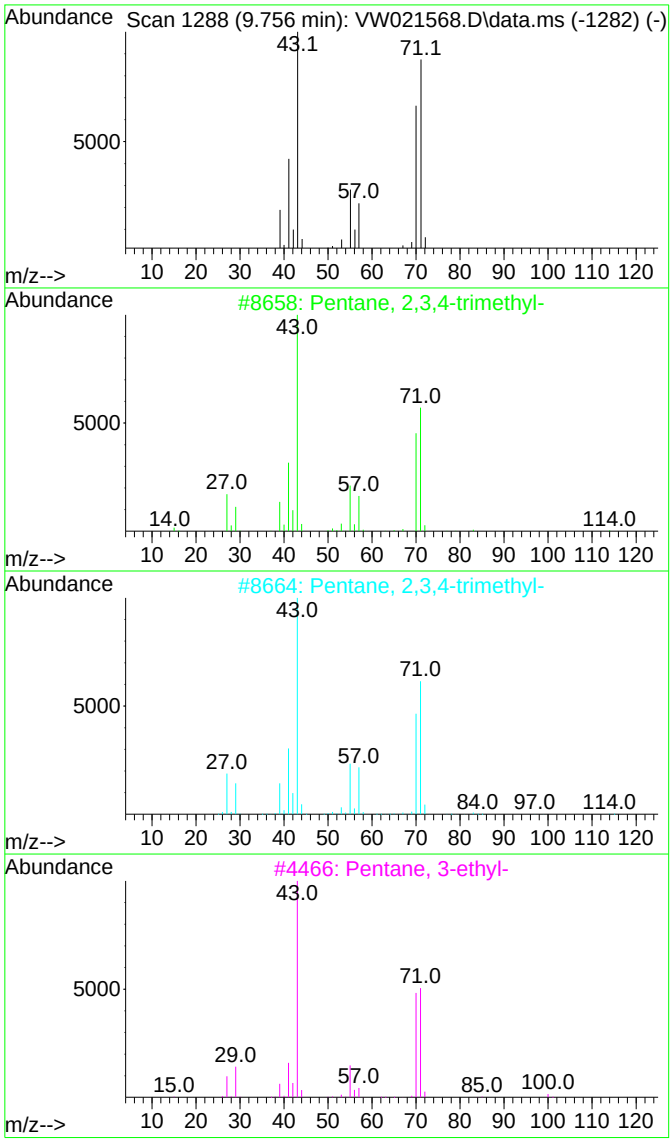
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

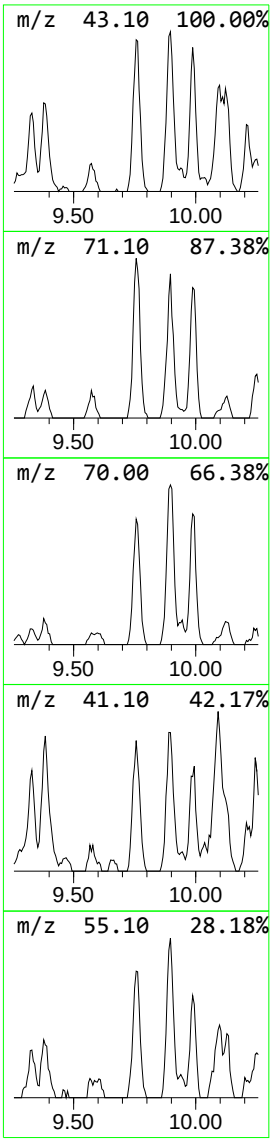
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	2.15 ug/L	28808	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

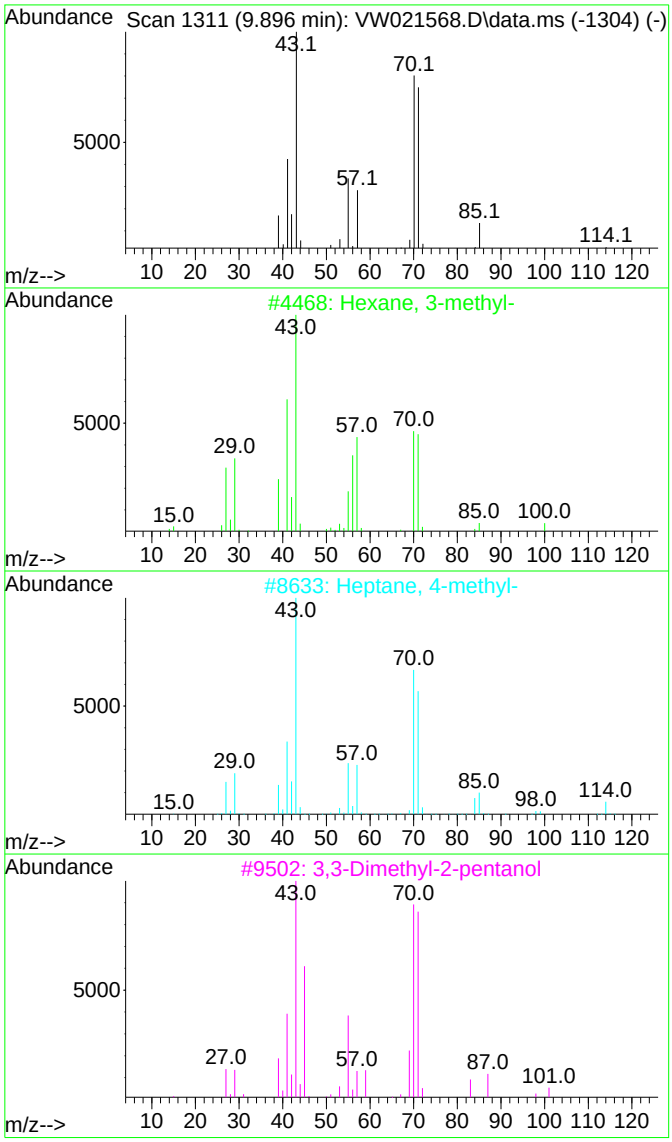
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

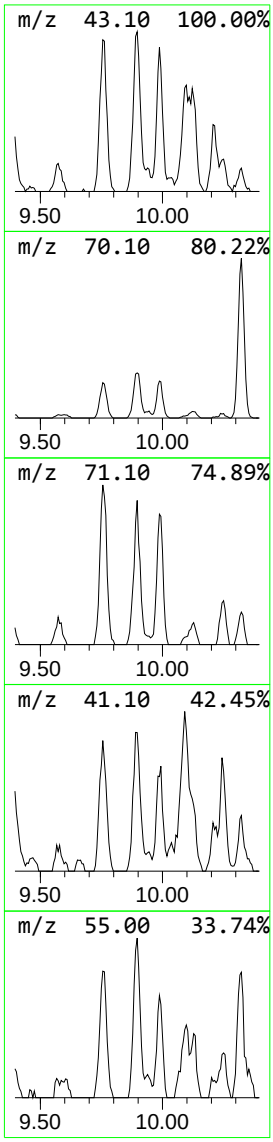
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.58 ug/L	34665	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
4	Pyrrolidine	71	C4H9N	000123-75-1	78
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

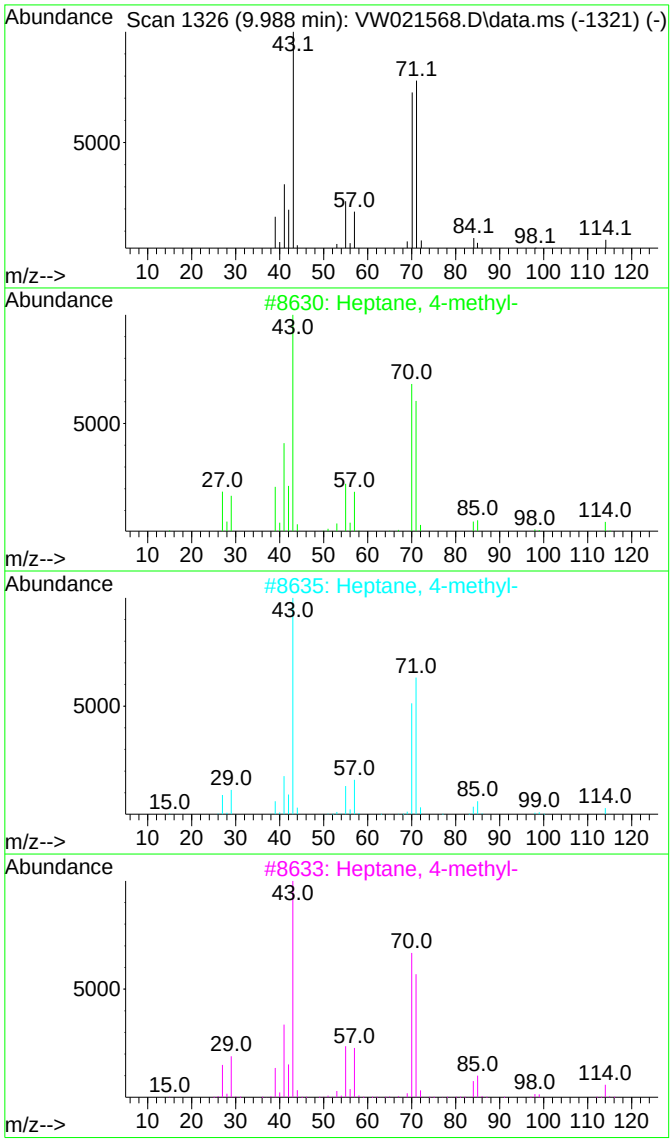
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

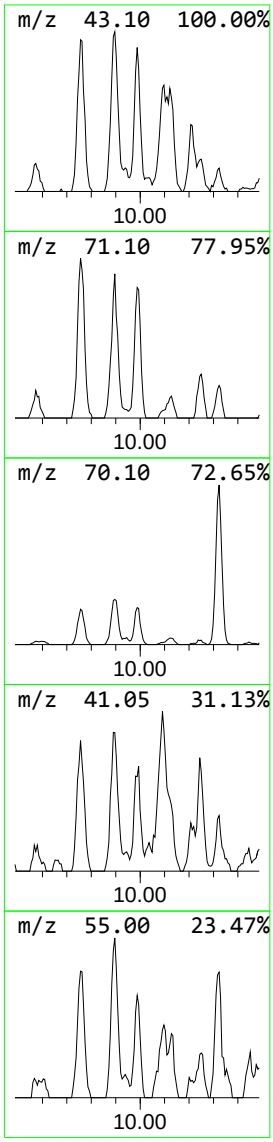
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.988	1.55 ug/L	20846	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	93
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	86
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	86
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

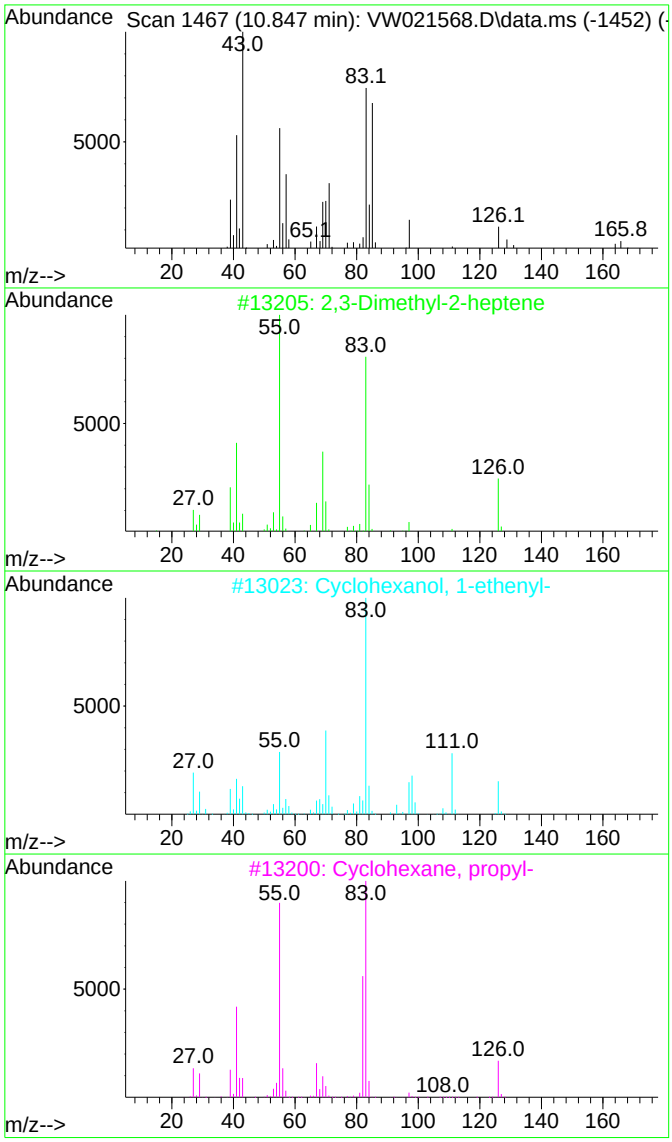
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

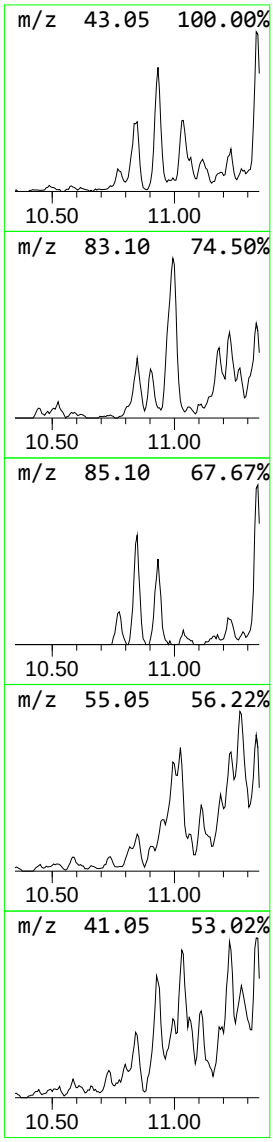
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	3.29 ug/L	58597	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	46
2	Cyclohexanol, 1-ethenyl-	126	C8H14O	001940-19-8	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

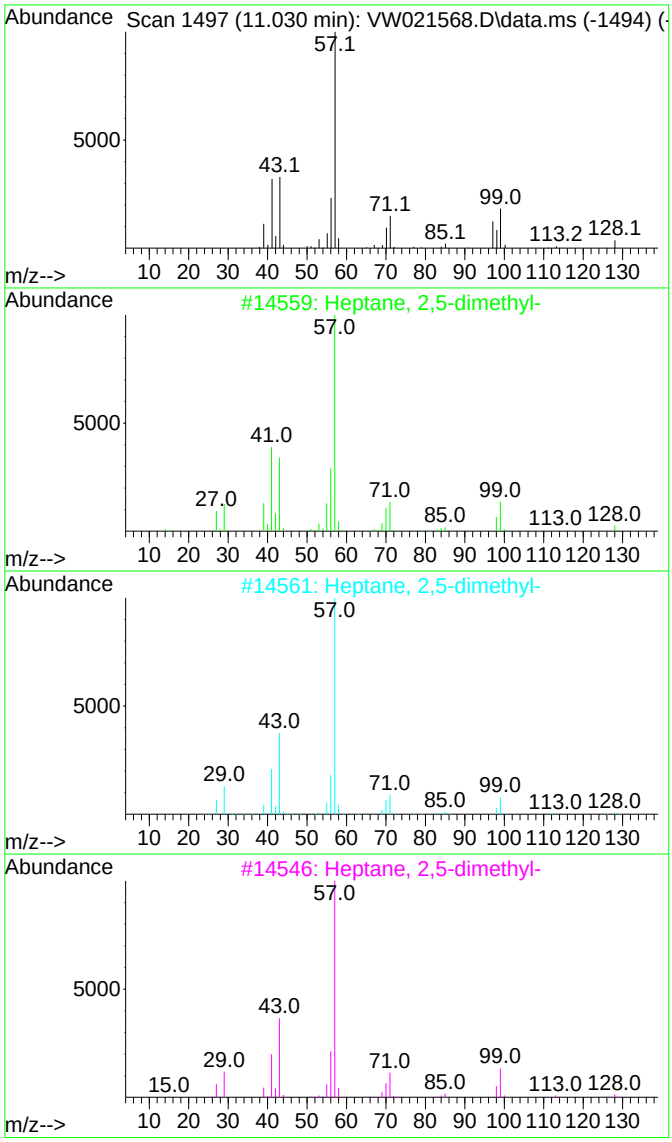
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

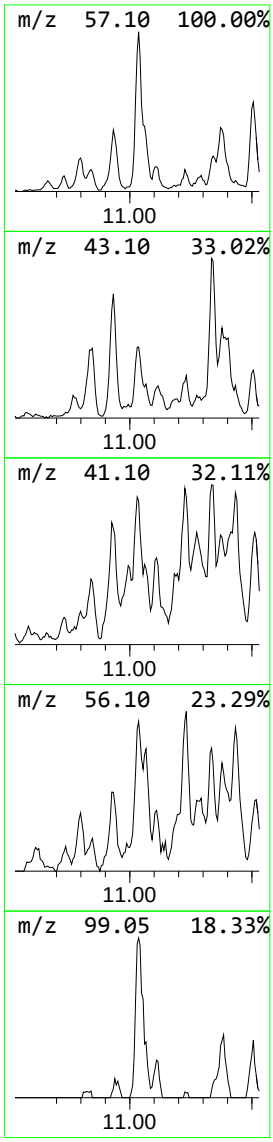
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	2.05 ug/L	36498	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	83
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
5	Octane, 3-methyl-	128	C9H20	002216-33-3	72





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Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

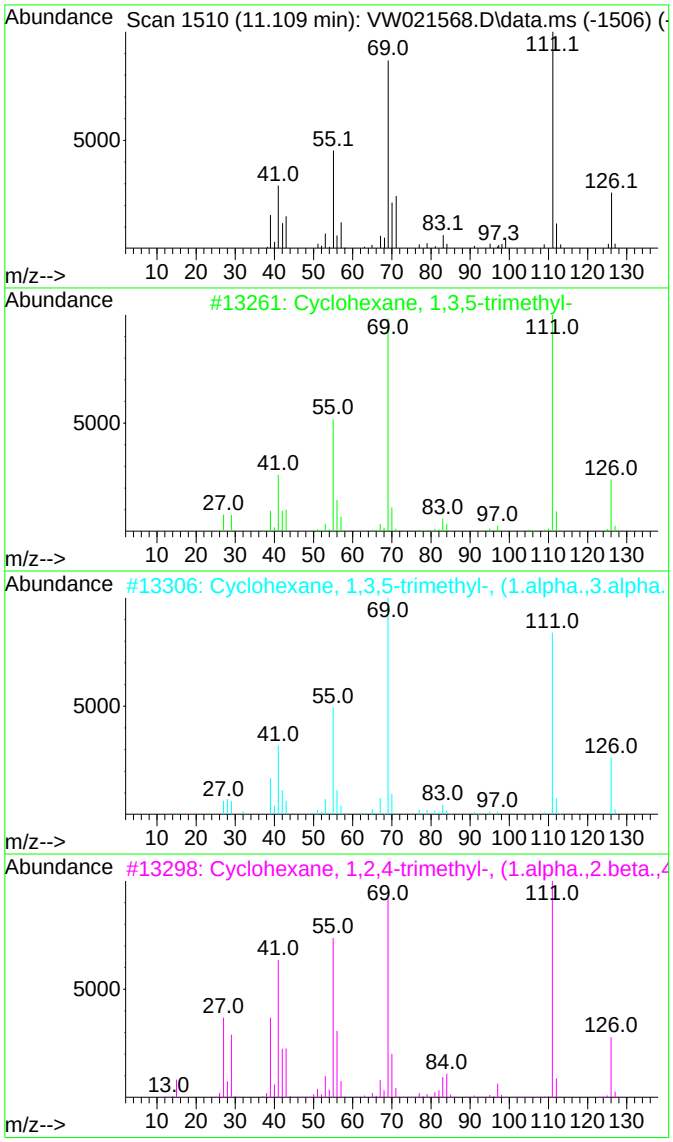
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

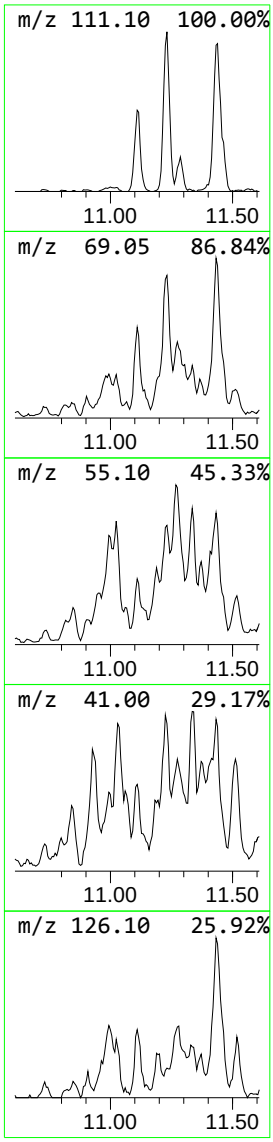
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic11.109 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	2.84 ug/L	50547	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	80
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	74
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

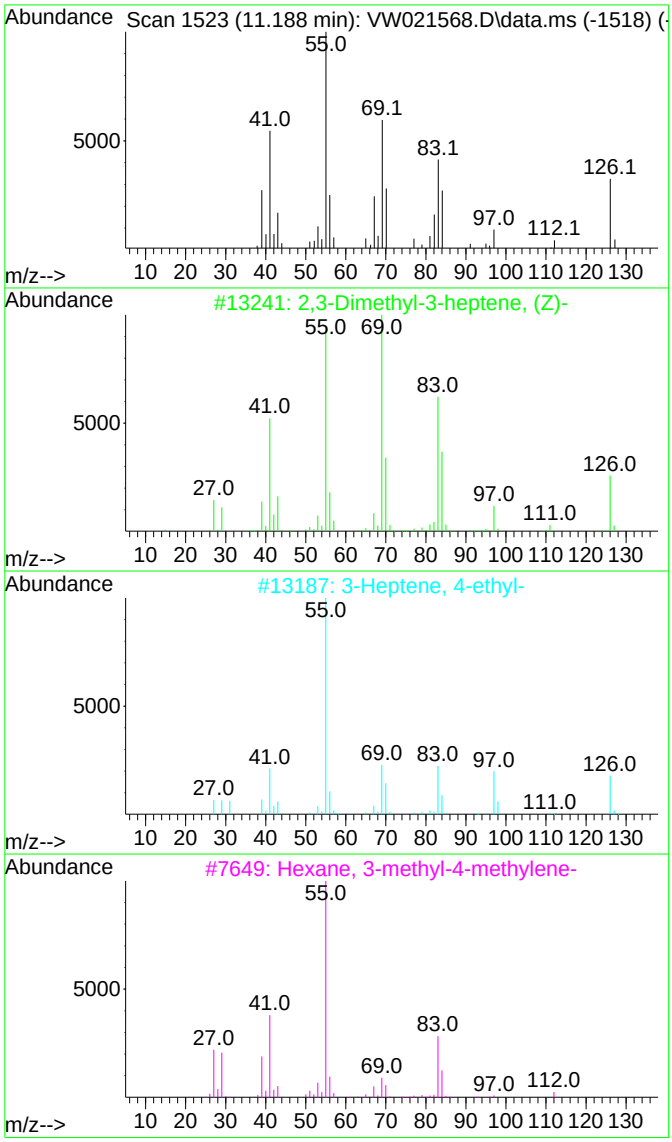
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

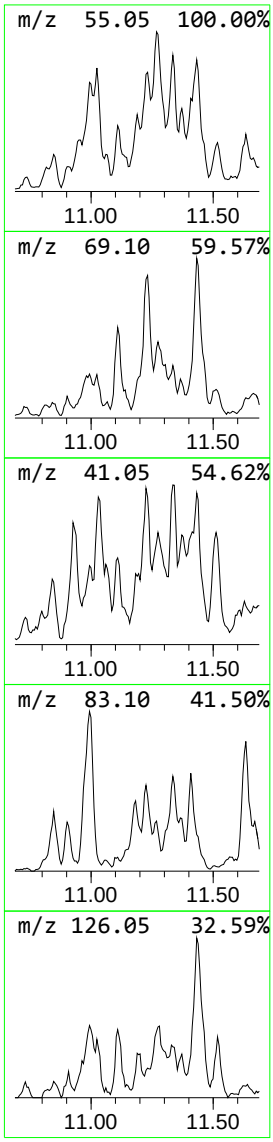
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.188	1.54 ug/L	27443	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	64
2	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	52
3	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	46
4	7-Oxabicyclo[4.1.0]heptane, 3-me...	112	C7H12O	036099-51-1	43
5	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

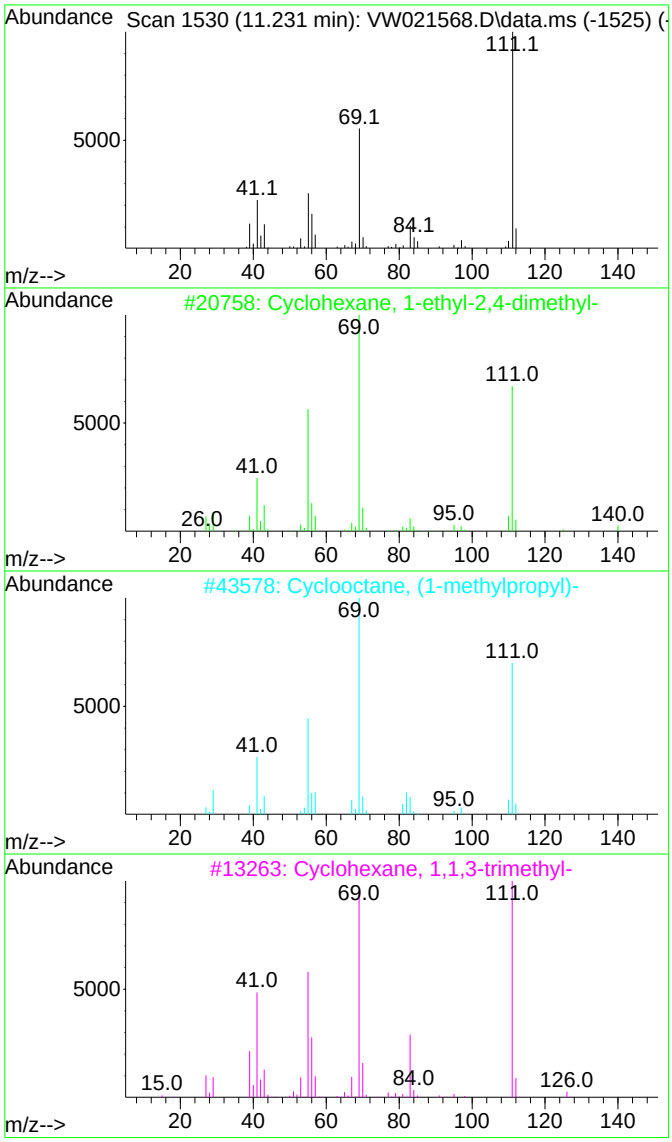
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

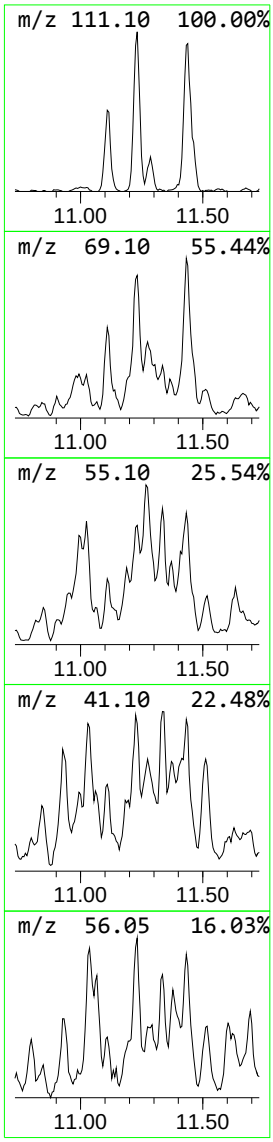
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic11.231 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	3.62 ug/L	64475	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
4	Pyrazol-4-amine, 1,5-dimethyl-	111	C5H9N3	121983-36-6	45
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

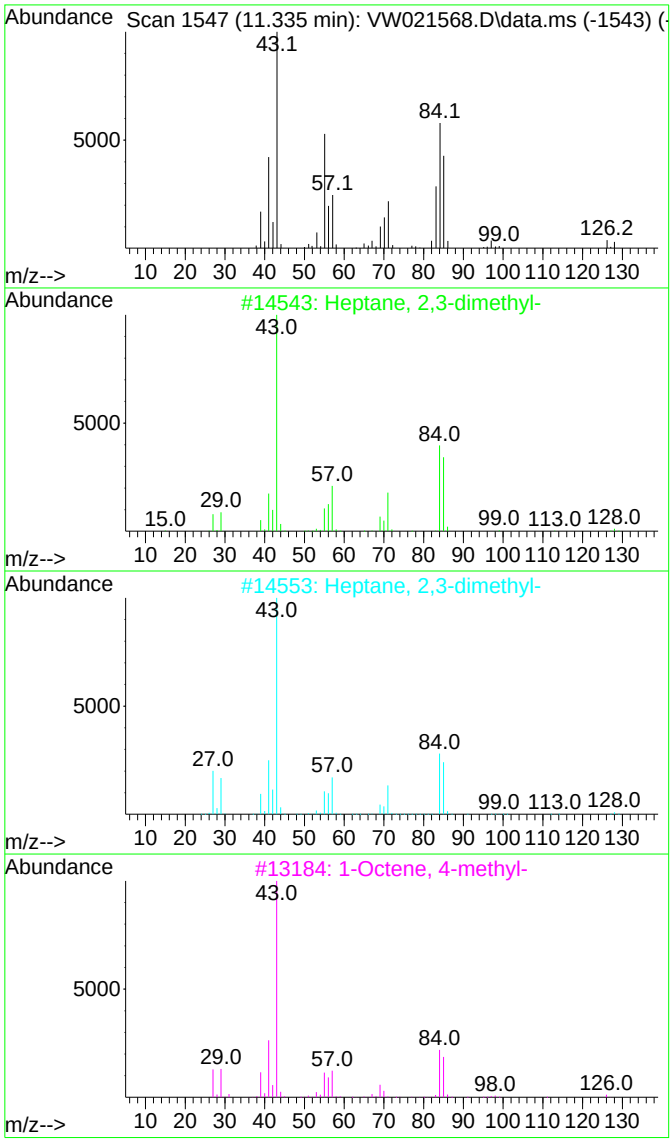
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

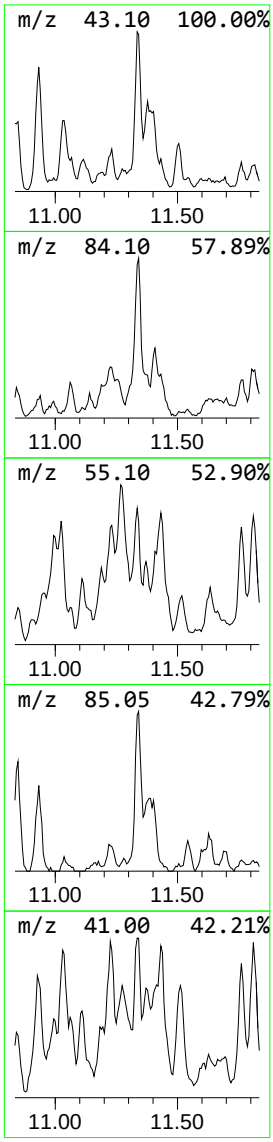
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	2.72 ug/L	48423	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3	1-Octene, 4-methyl-	126	C9H18	013151-12-7	52
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5	Hexanal, 3,3-dimethyl-	128	C8H16O	055320-57-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

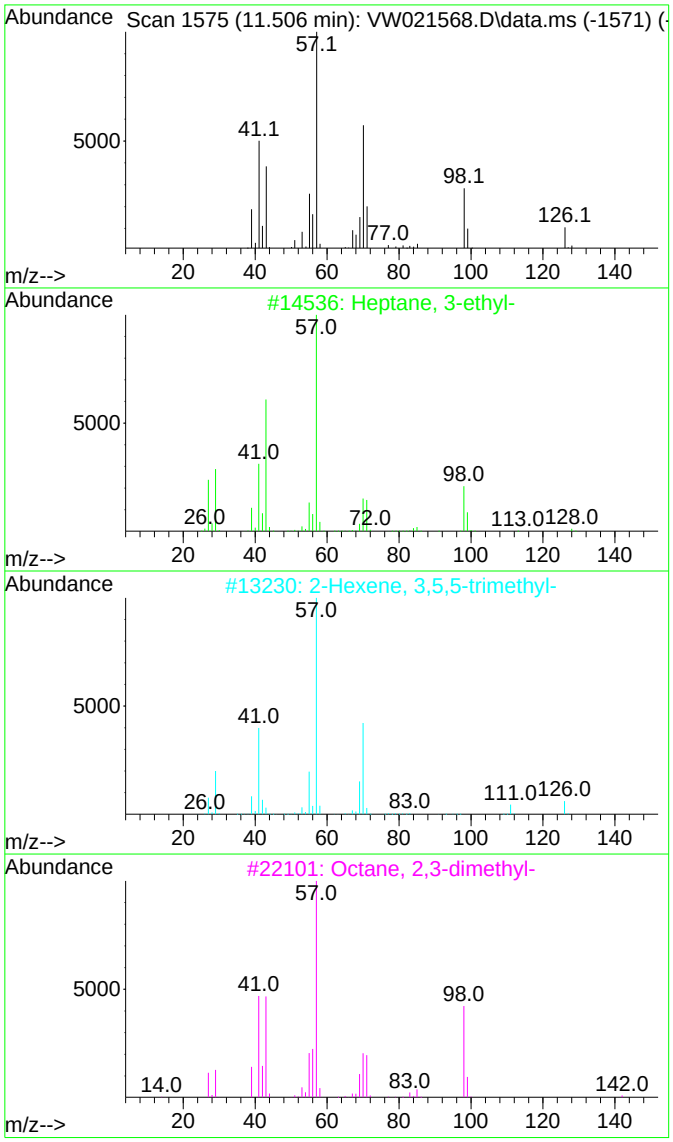
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

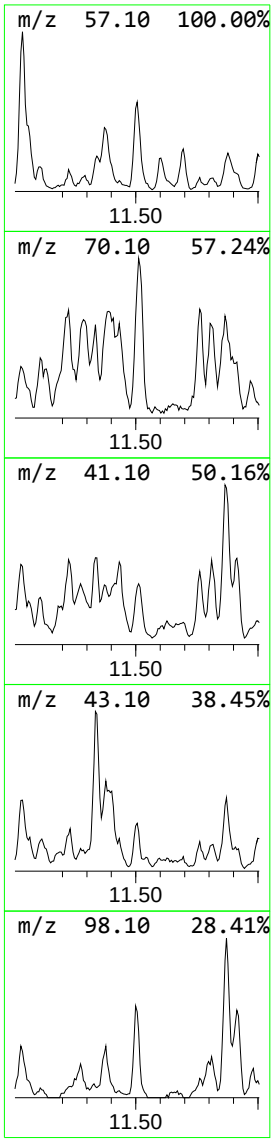
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	3.25 ug/L	57819	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	52
2	2-Hexene, 3,5,5-trimethyl-	126	C9H18	026456-76-8	49
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

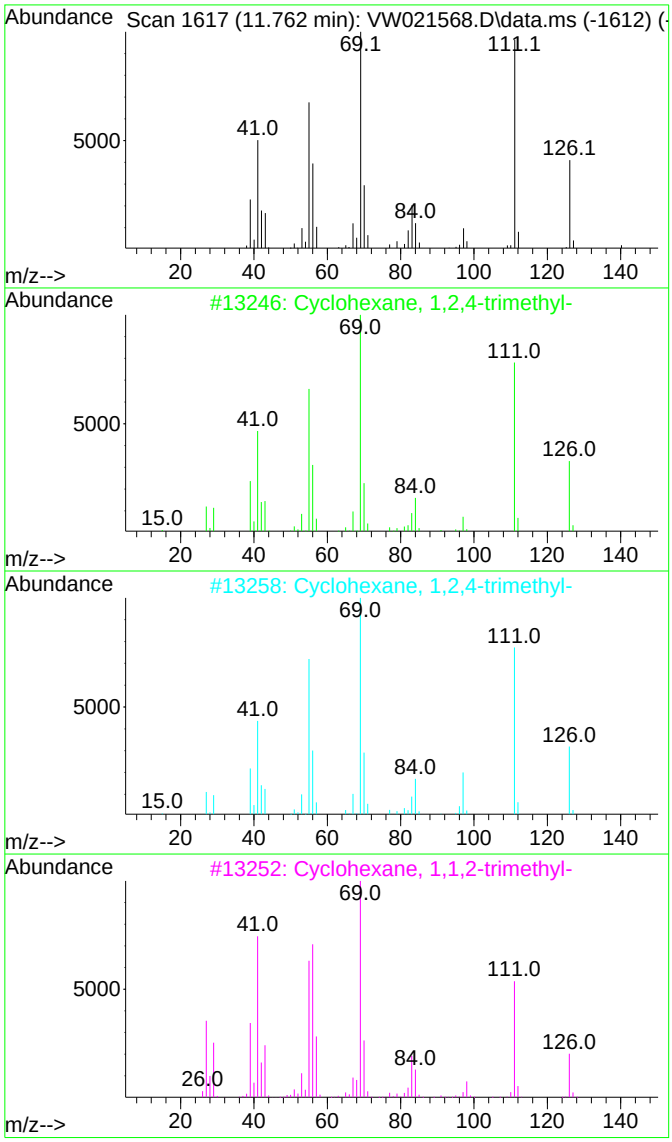
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

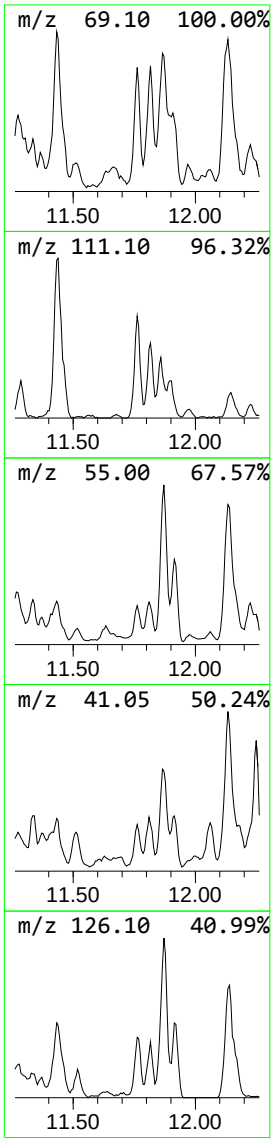
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic11.762 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.762	4.06 ug/L	72325	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	91
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

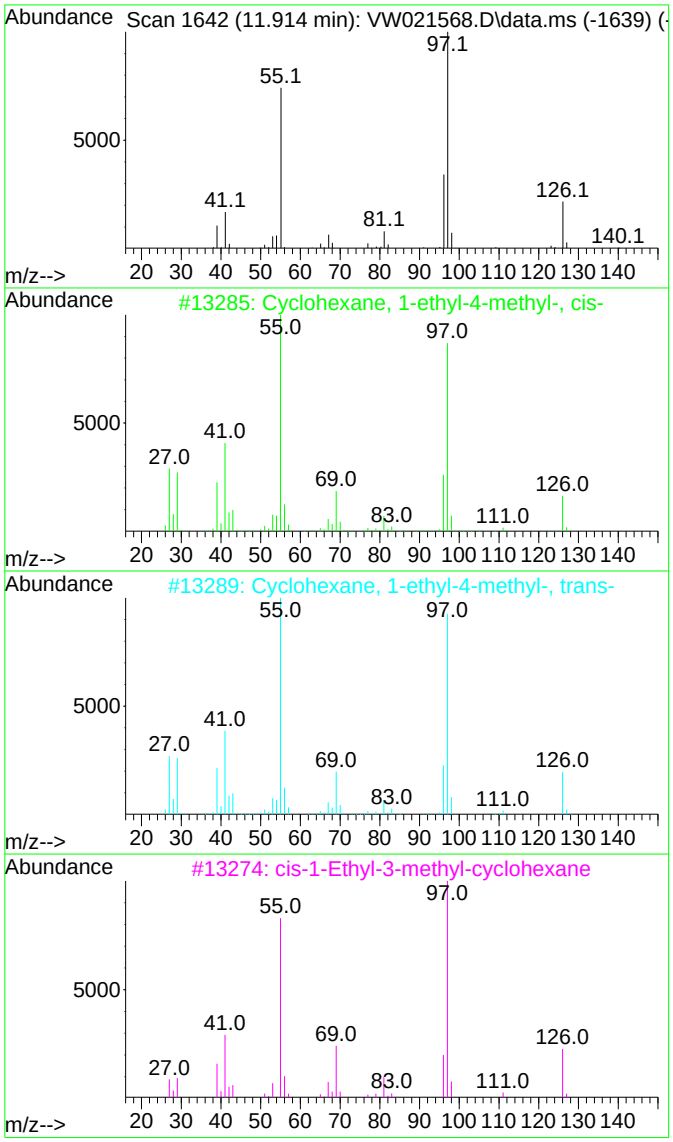
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

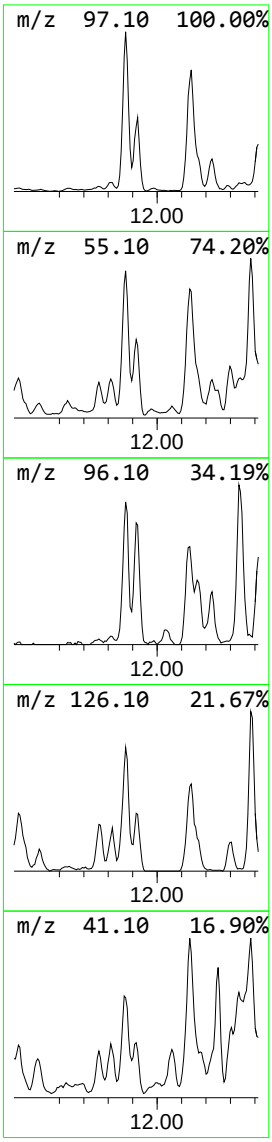
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.914 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	6.42 ug/L	114195	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	86
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

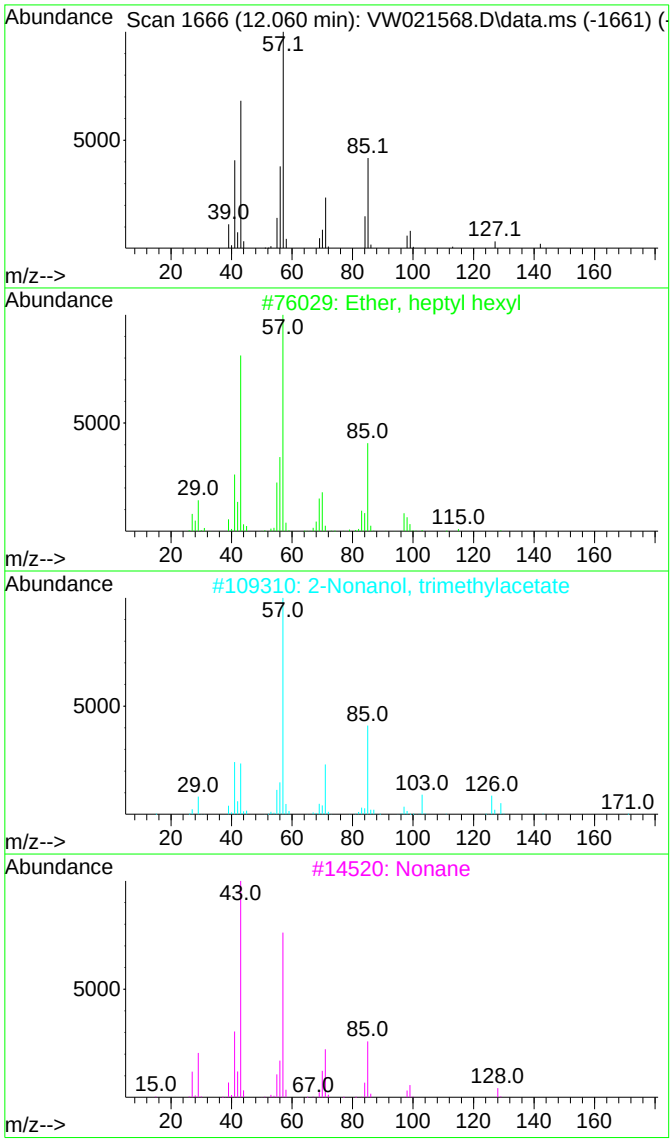
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

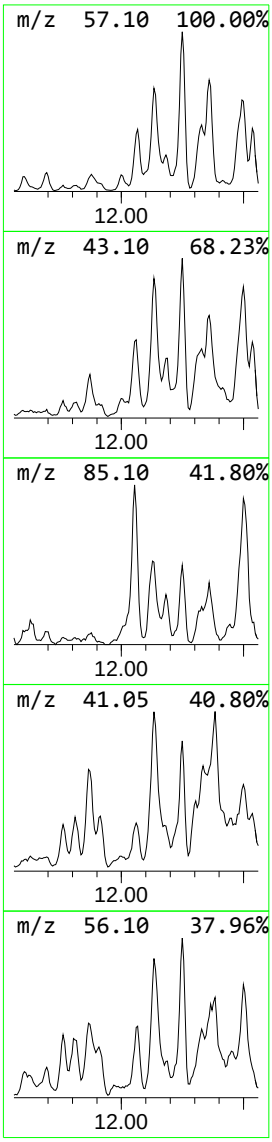
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Ether, heptyl hexyl Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	3.55 ug/L	63208	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, heptyl hexyl	200	C13H28O	007289-40-9	59
2	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	59
3	Nonane	128	C9H20	000111-84-2	59
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	53
5	Pentadecane	212	C15H32	000629-62-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

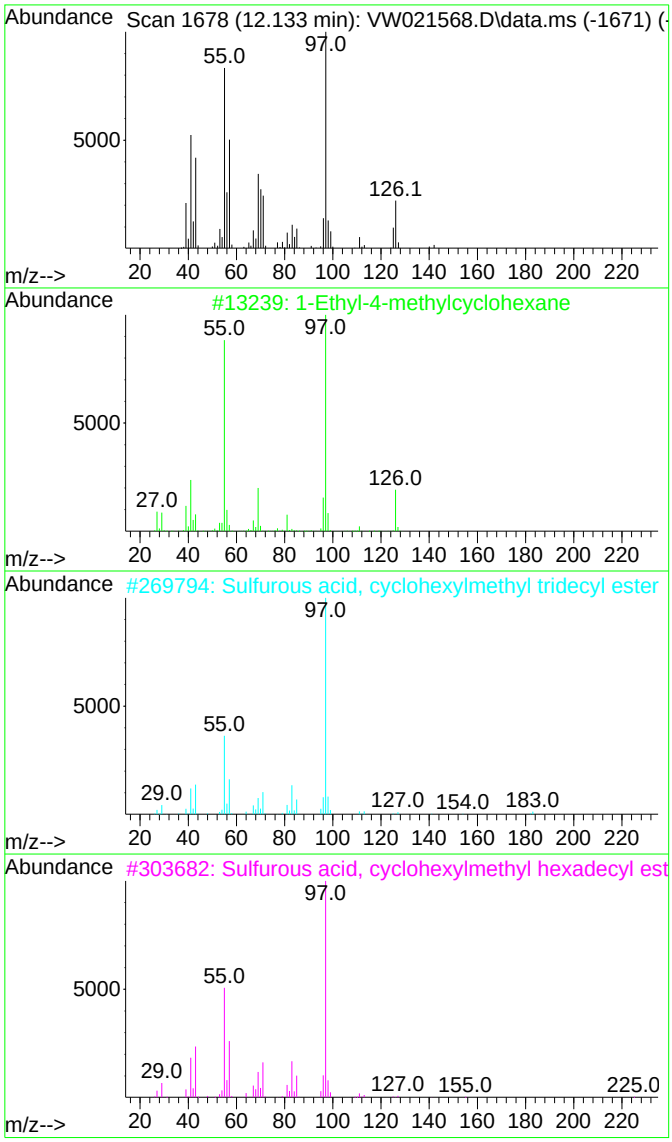
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

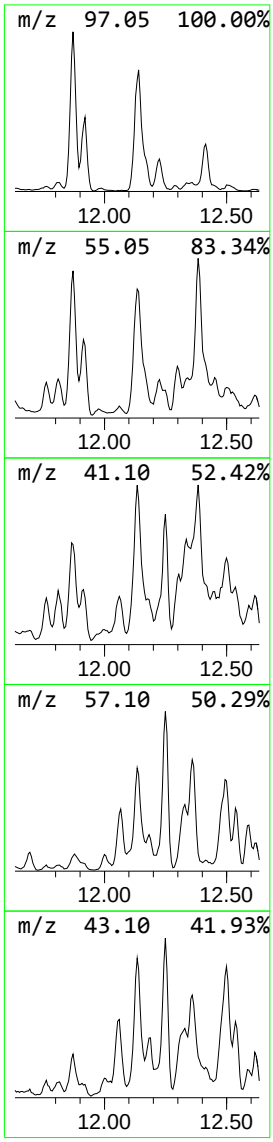
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic12.134 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	25.26 ug/L	449727	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	59
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

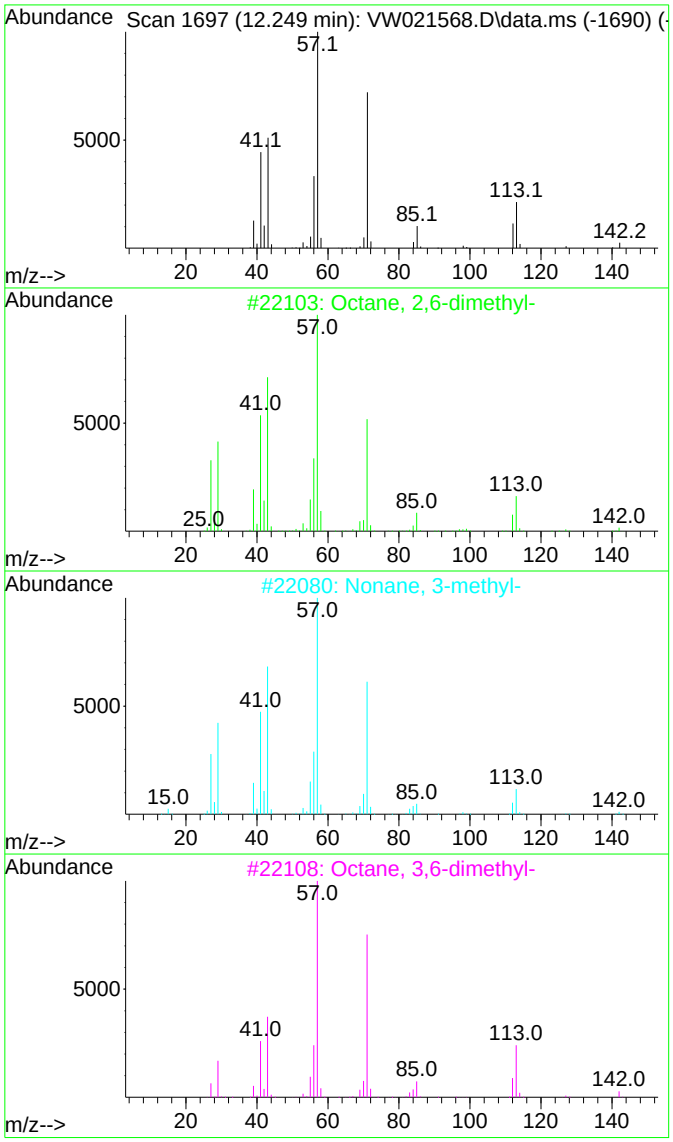
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

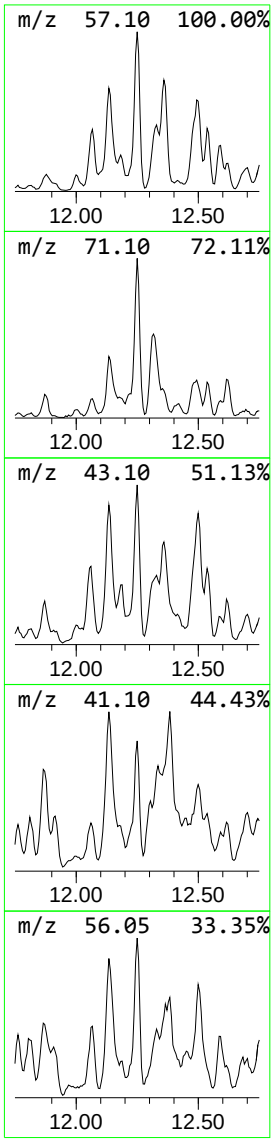
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	10.65 ug/L	189606	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

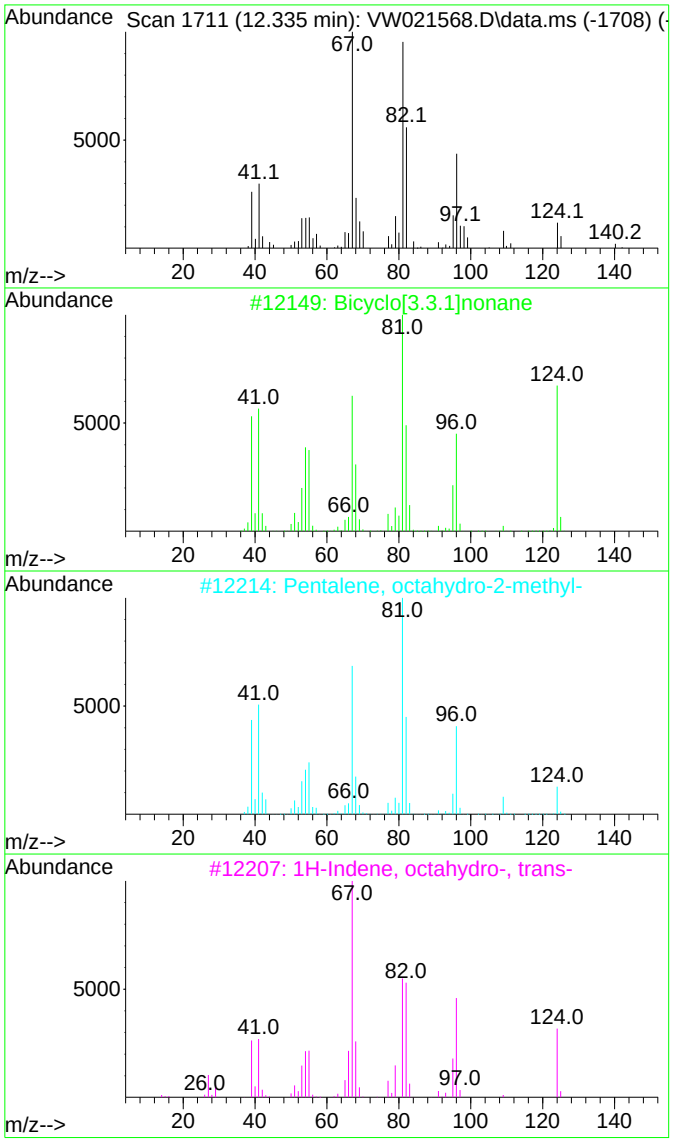
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

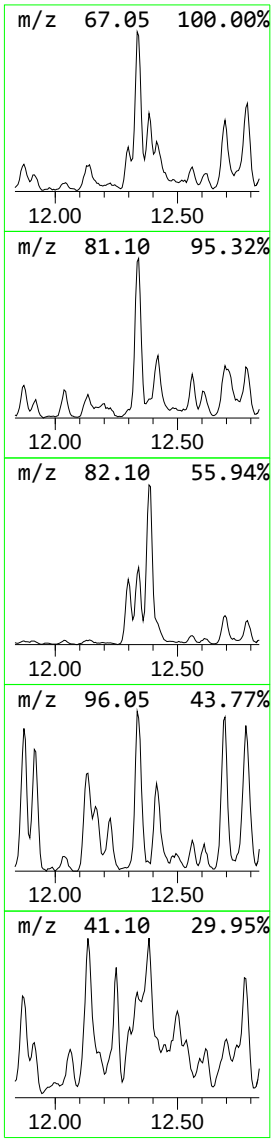
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Bicyclo[3.3.1]nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	6.35 ug/L	113021	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	81
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	74
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	58
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	53





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Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

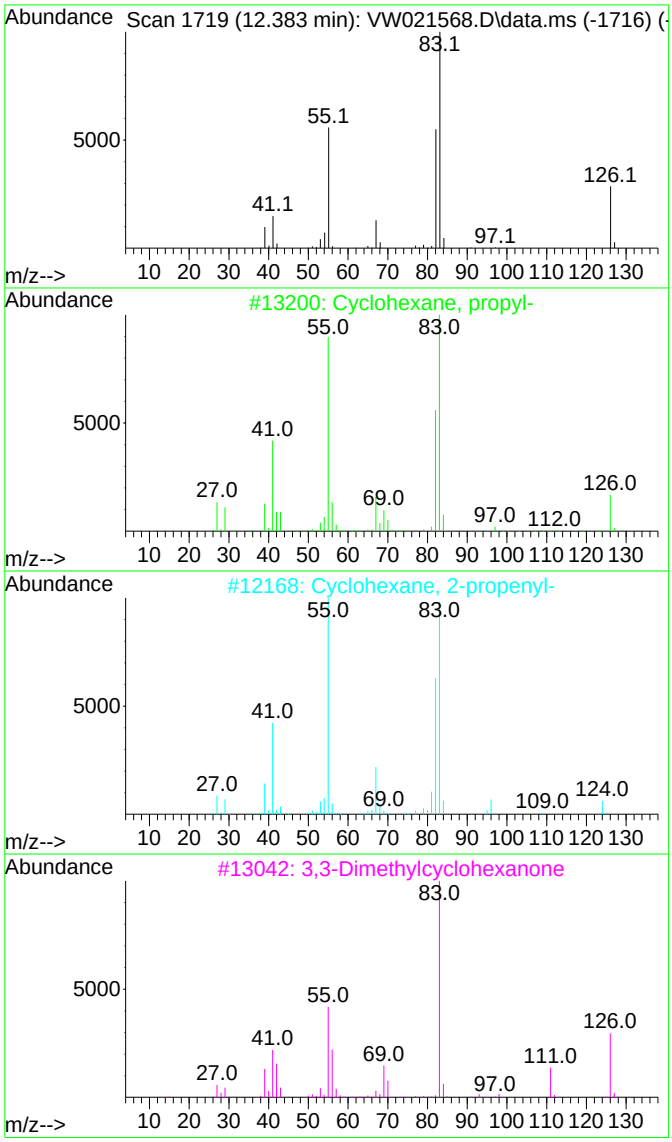
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

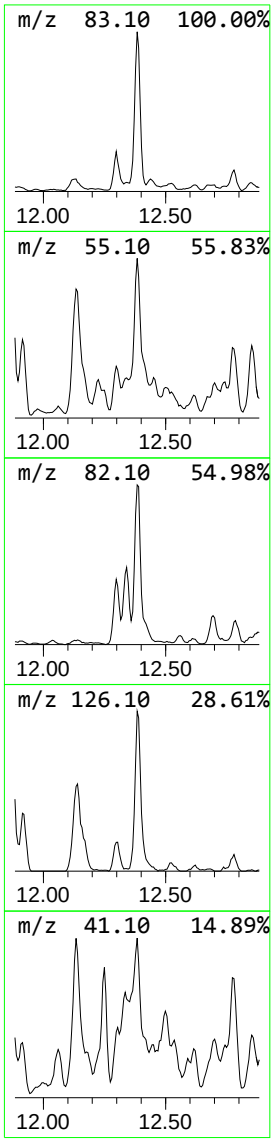
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic12.383 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.383	7.46 ug/L	132816	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
3	3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	3-Hexene, 1,1'-[ethylidenebis(ox...	226	C14H26O2	063449-64-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

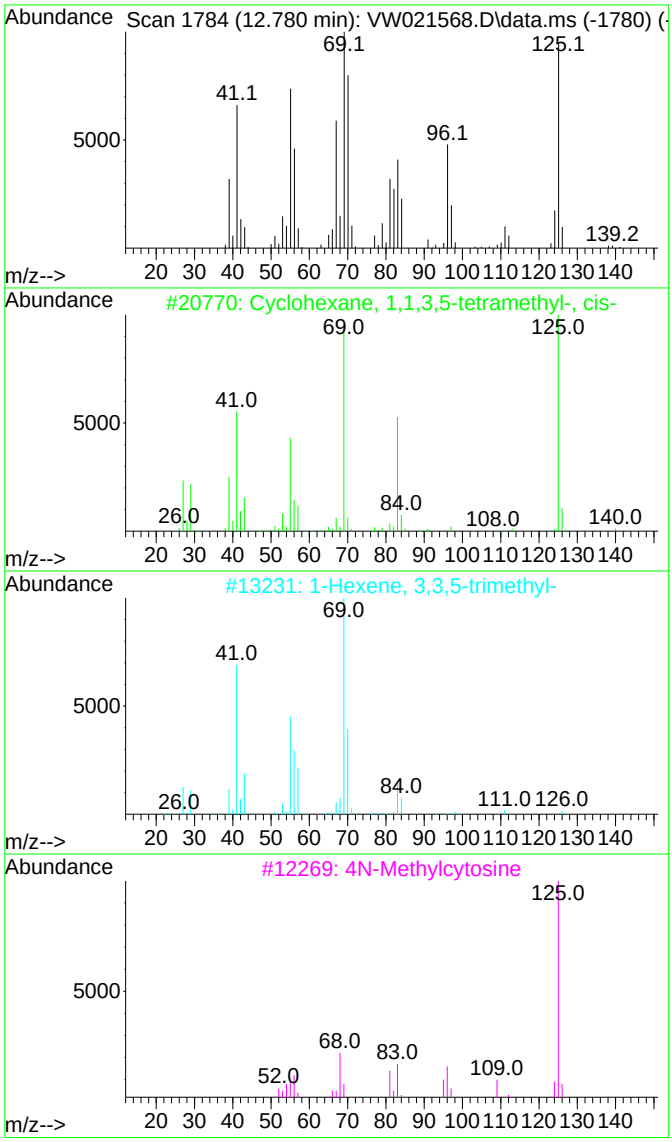
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

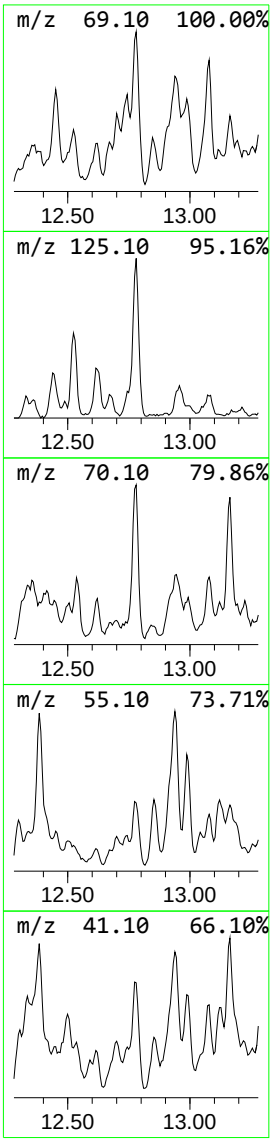
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic12.780 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	11.29 ug/L	257614	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	27
3	4N-Methylcytosine	125	C5H7N3O	006220-47-9	27
4	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	25
5	2-Methyl-2-octene	126	C9H18	016993-86-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

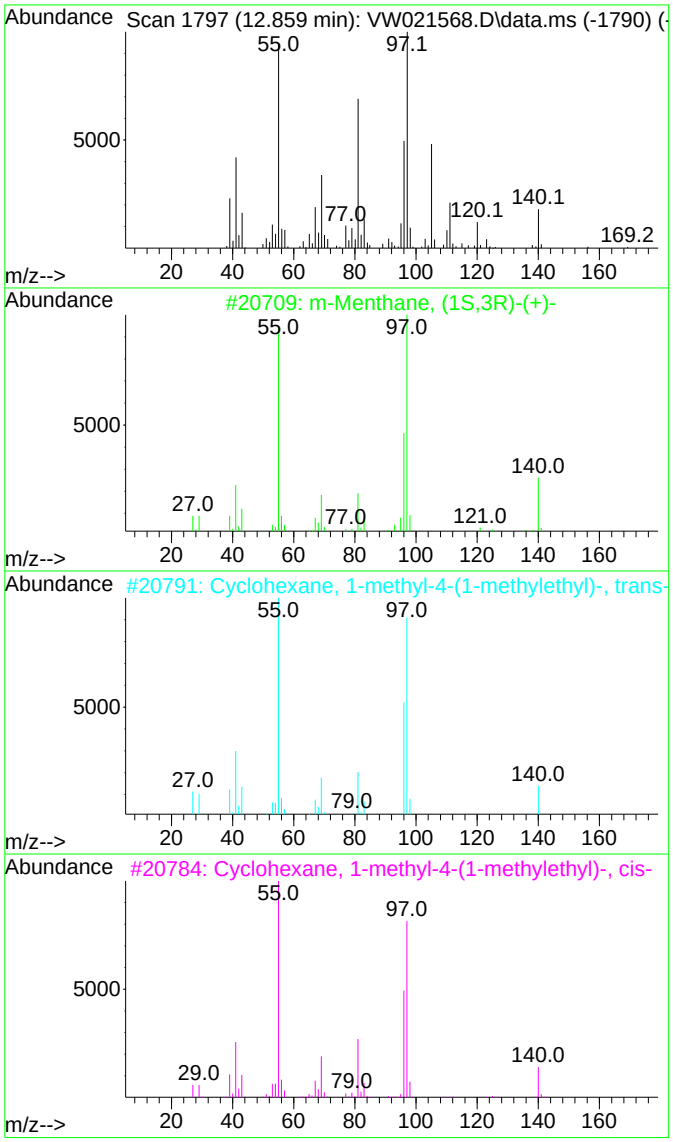
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

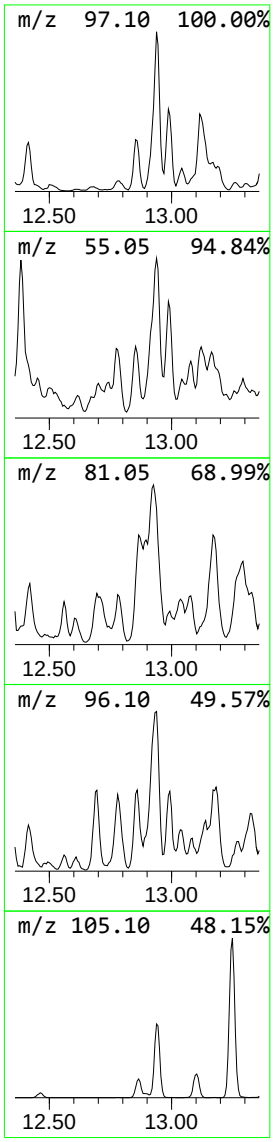
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	8.55 ug/L	195097	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	81
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

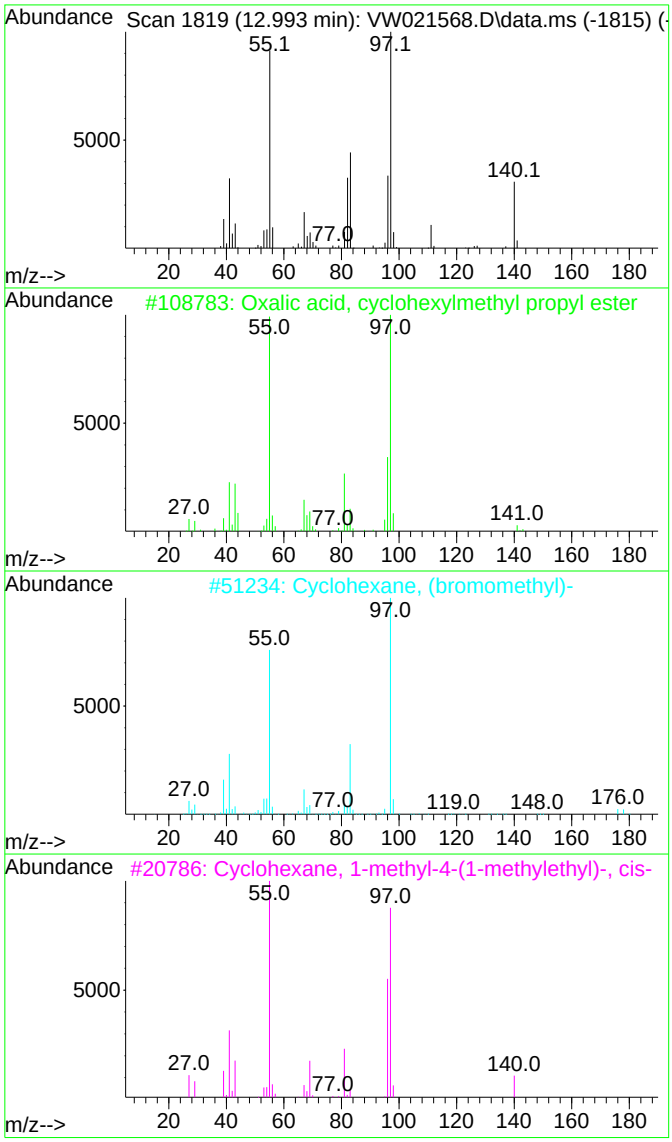
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

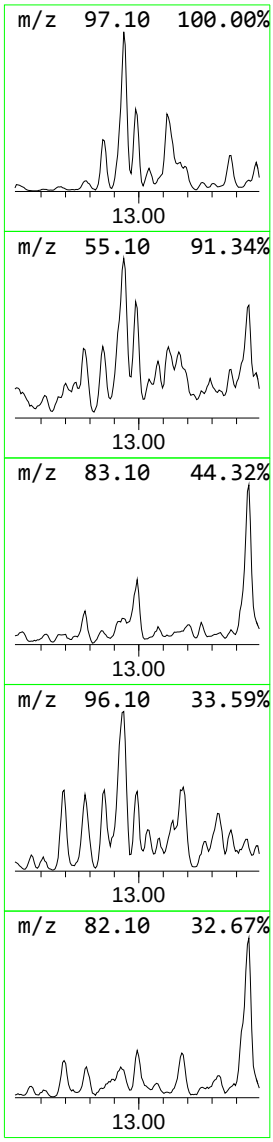
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Oxalic acid, cyclohexylmeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	7.16 ug/L	163378	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	50
2	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	50
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47
4	Decahydrobenzopyran	140	C9H16O	1000429-74-9	43
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

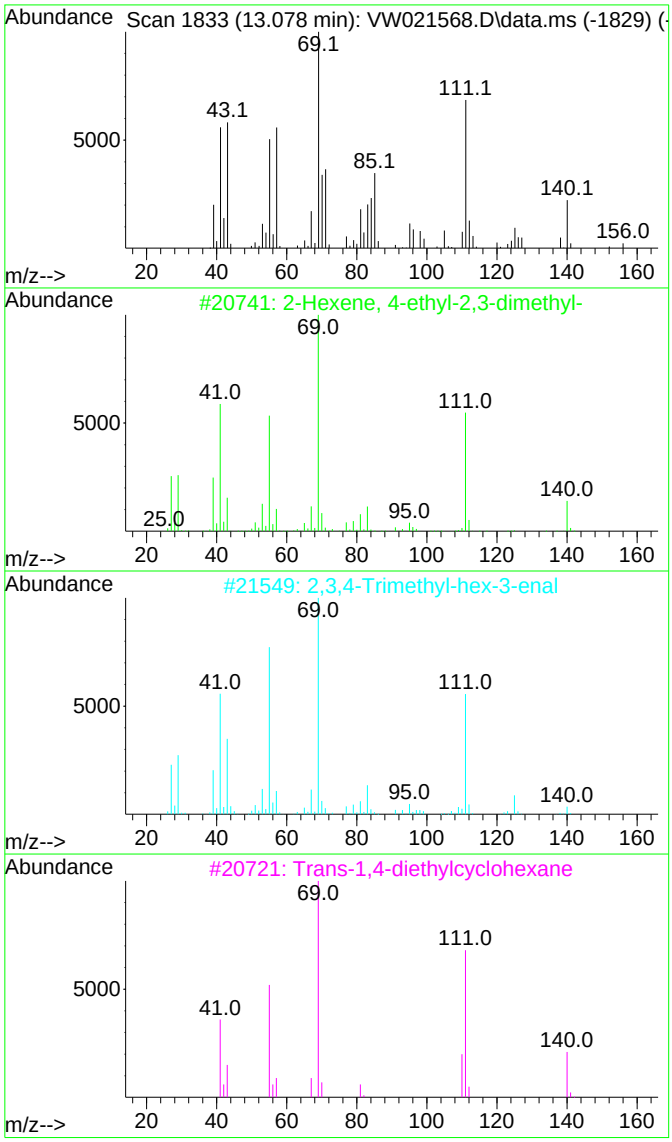
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

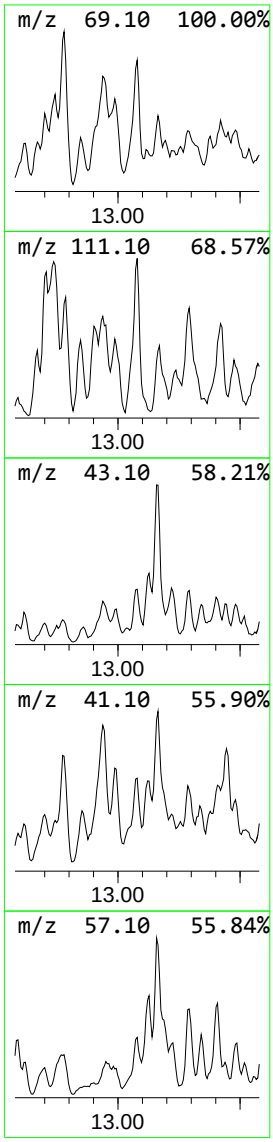
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.078	4.39 ug/L	100038	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	50
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	47
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	46
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	30
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

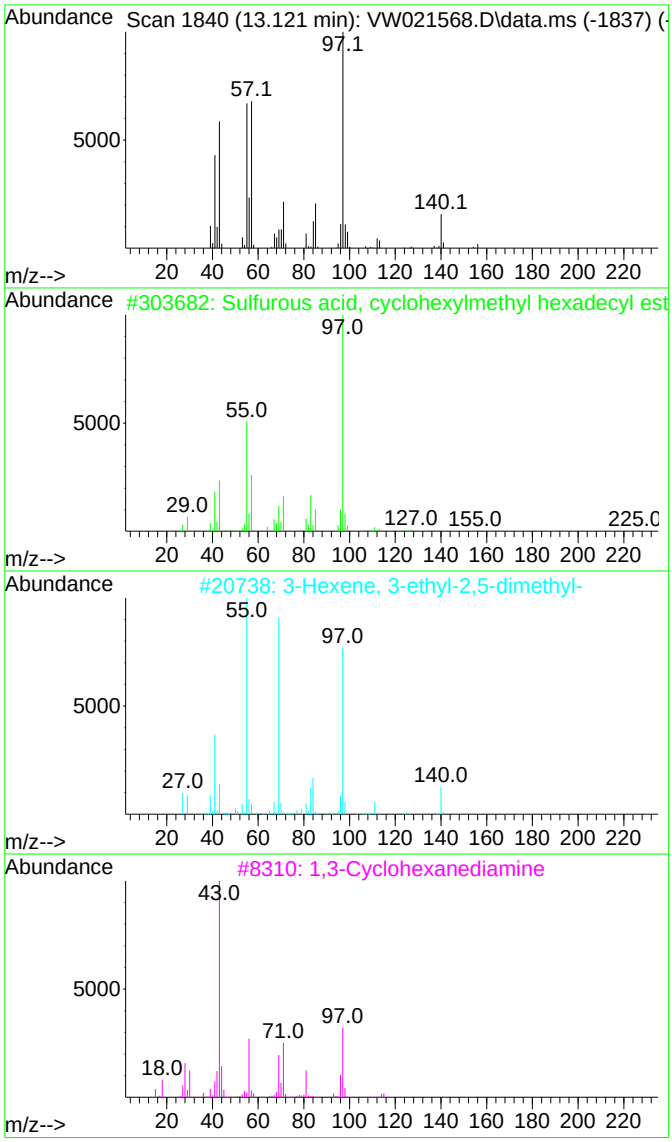
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

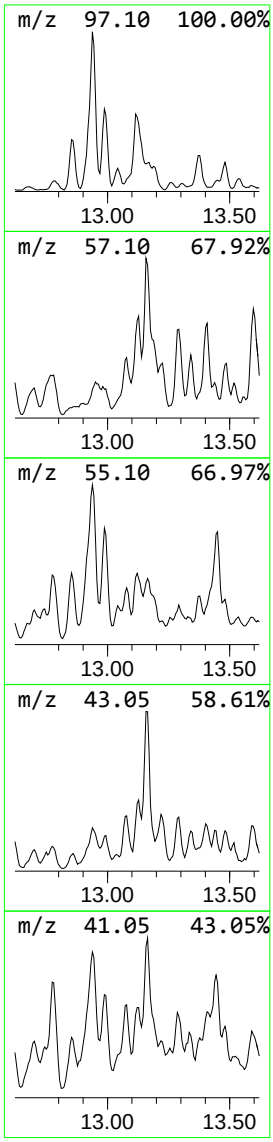
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Sulfurous acid, cyclohexylm... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	3.91 ug/L	89118	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
3	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	47
4	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	47
5	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

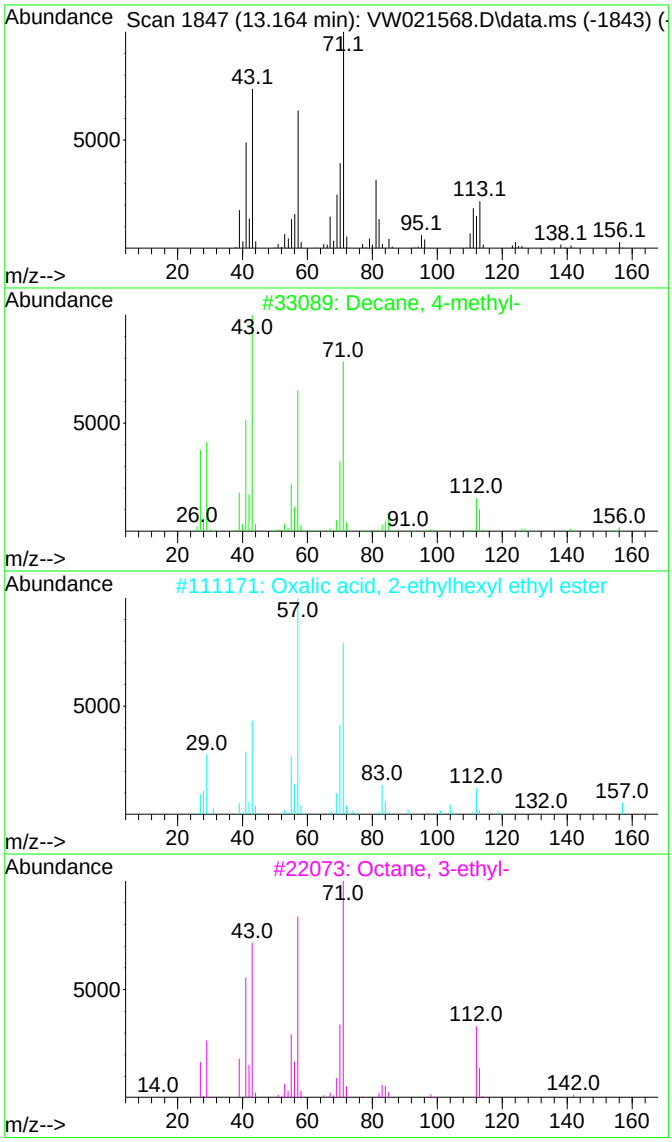
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

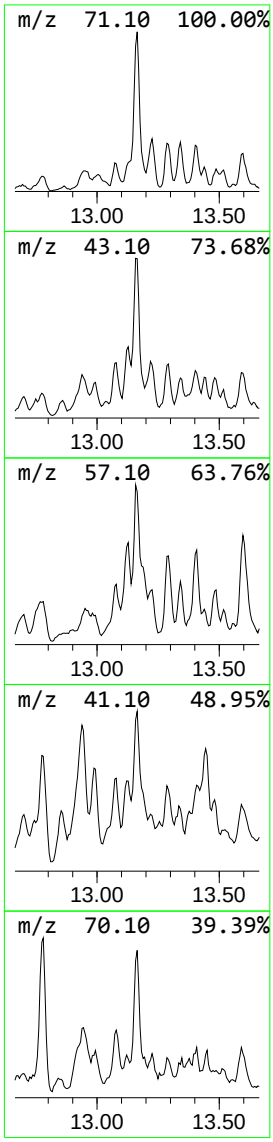
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	10.82 ug/L	246696	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	59
4	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	59
5	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

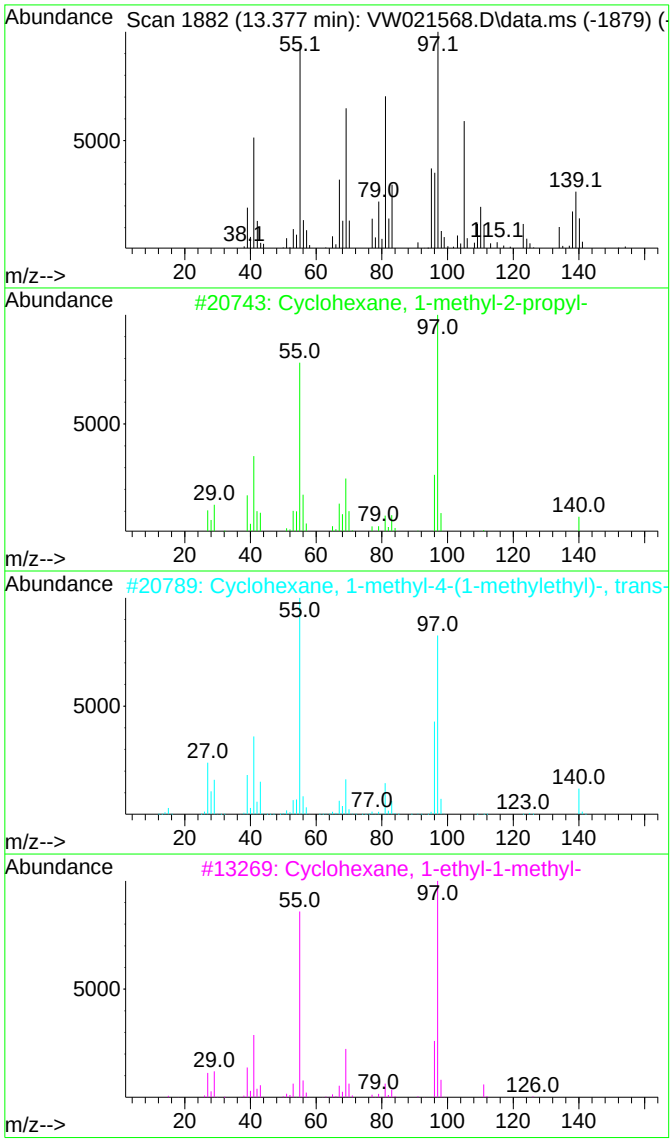
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

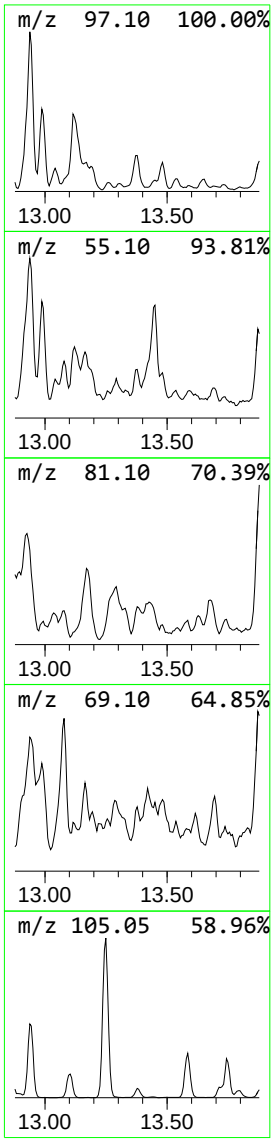
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic13.377 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	2.28 ug/L	52112	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	45
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
4	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	38
5	1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

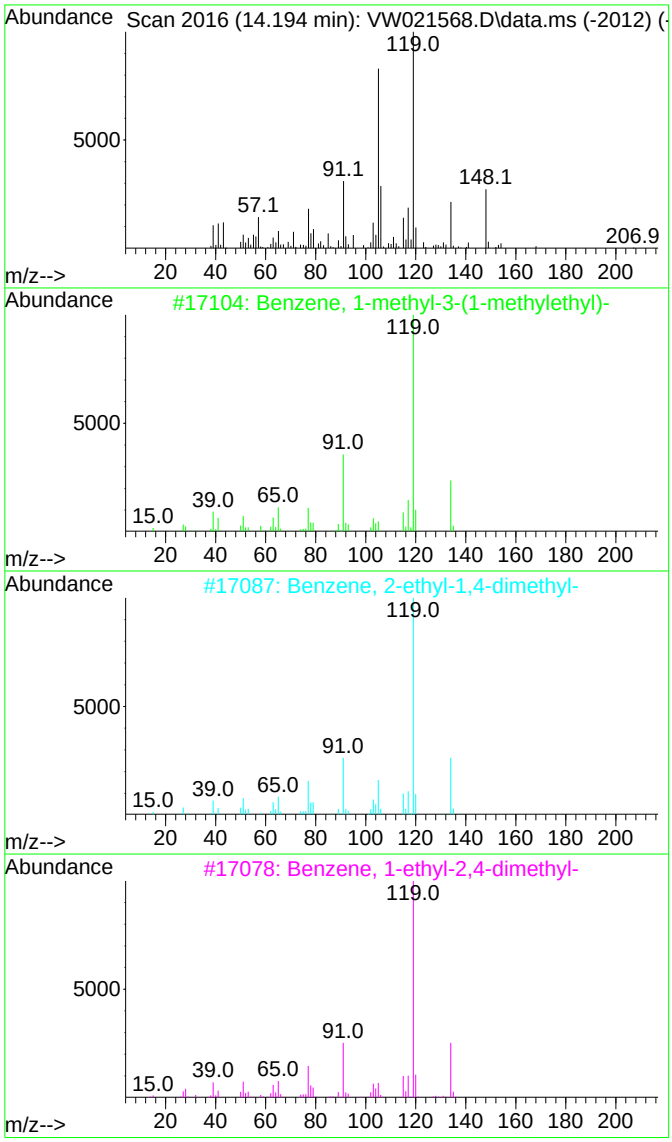
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

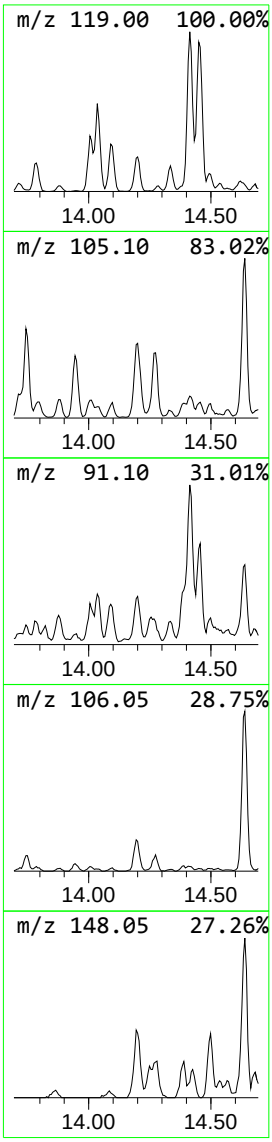
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	5.02 ug/L	114564	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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

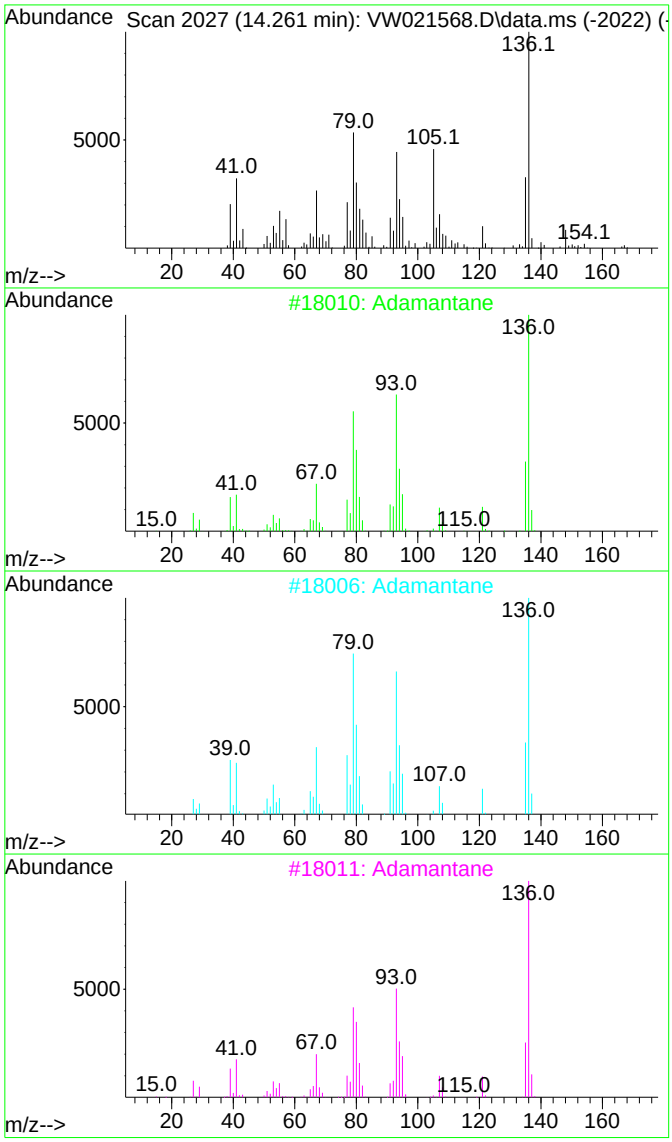
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

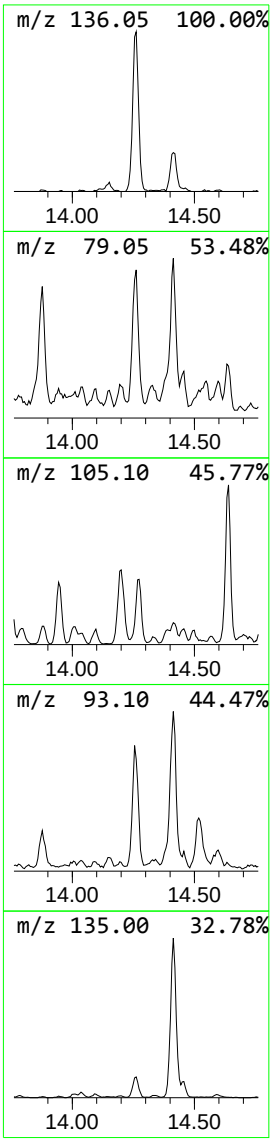
****

Peak Number 30 Adamantane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	7.30 ug/L	166476	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	94
2	Adamantane	136	C10H16	000281-23-2	94
3	Adamantane	136	C10H16	000281-23-2	87
4	Adamantane	136	C10H16	000281-23-2	87
5	Adamantane	136	C10H16	000281-23-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

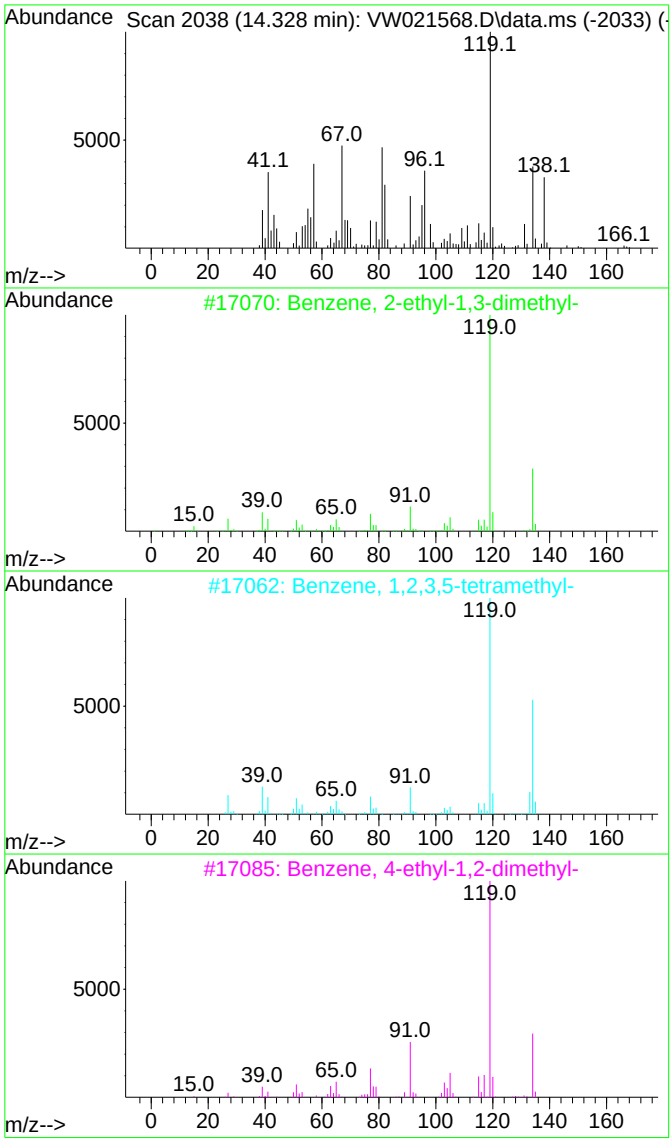
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

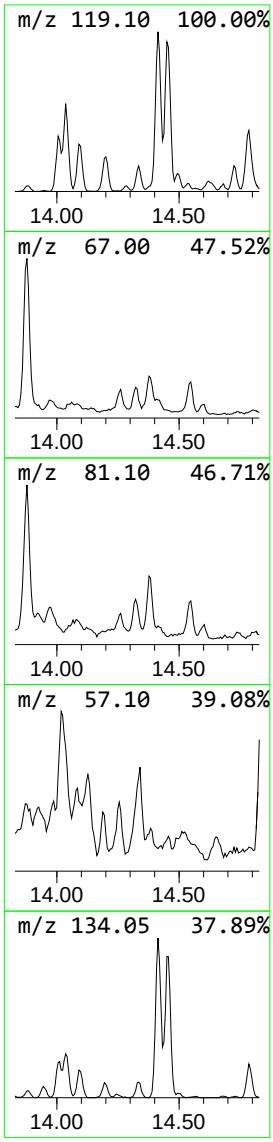
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	4.56 ug/L	103964	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	o-Cymene	134	C10H14	000527-84-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

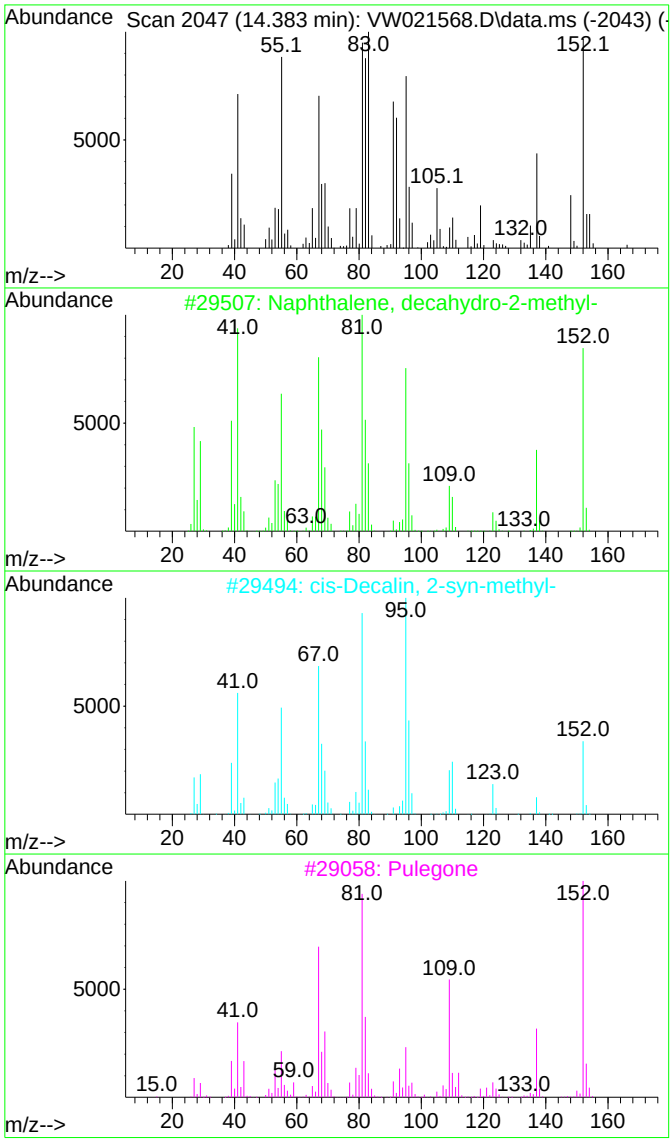
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

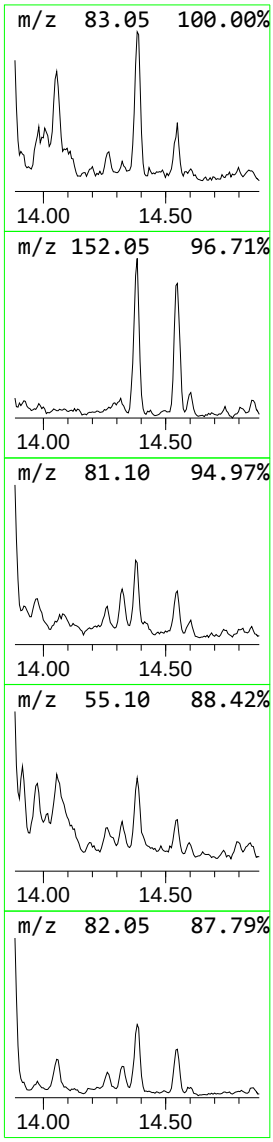
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	5.89 ug/L	134461	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
3	Pulegone	152	C10H16O	000089-82-7	46
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

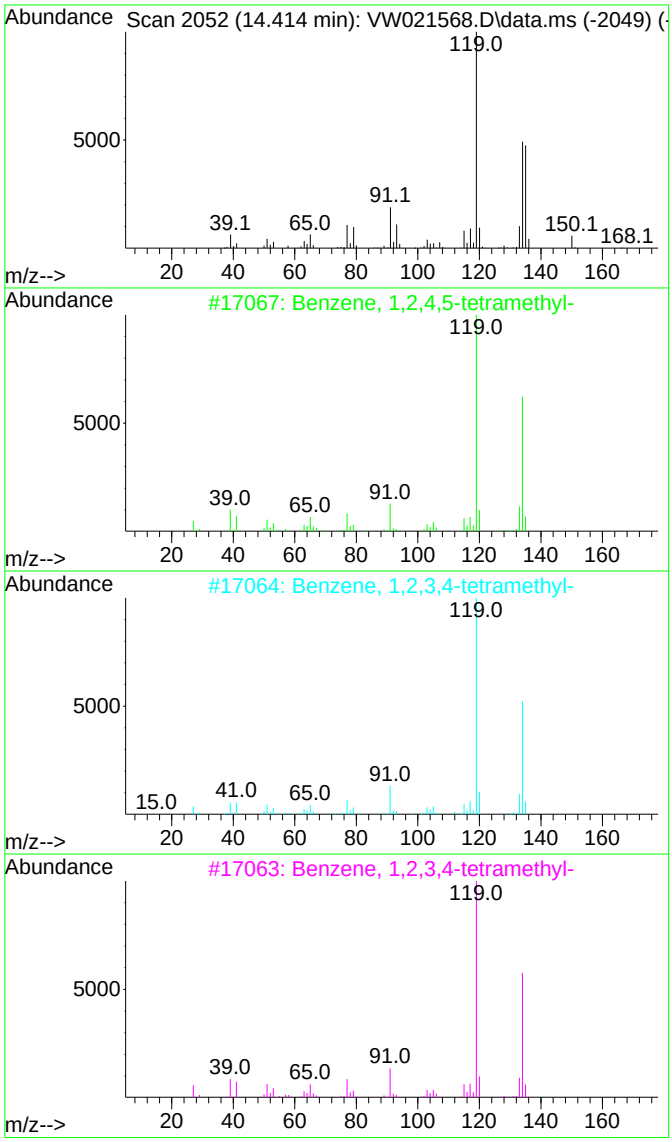
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

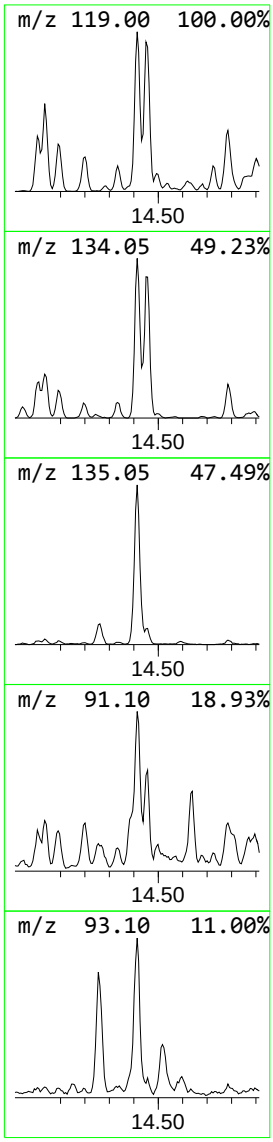
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	14.70 ug/L	335298	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	76
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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

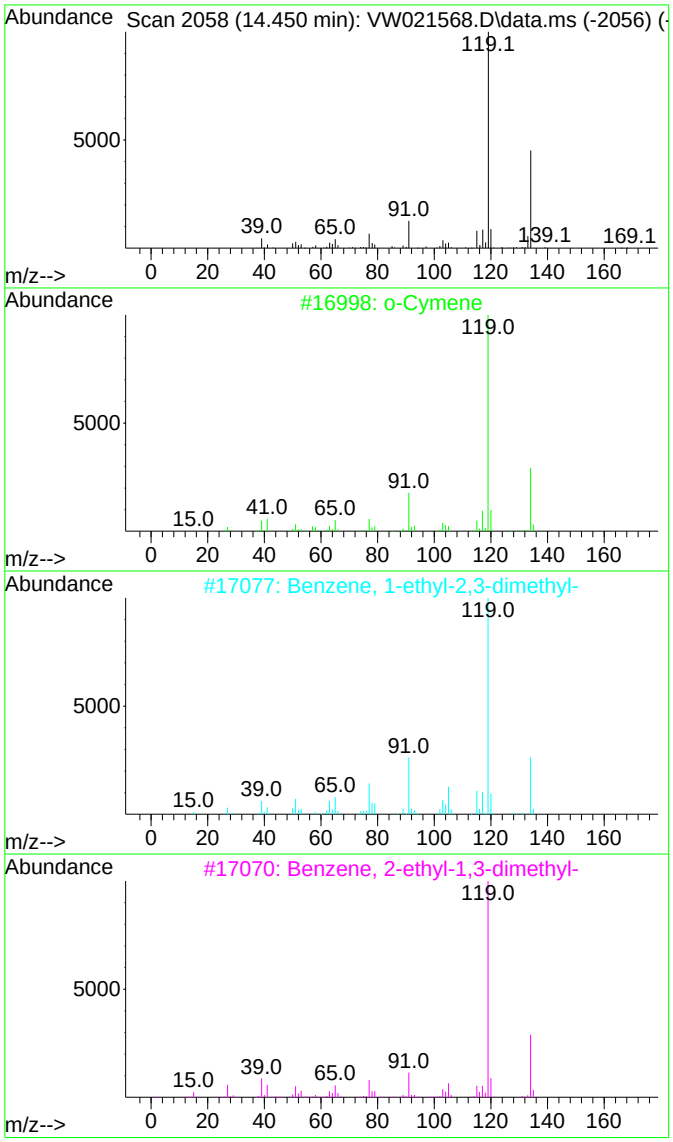
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

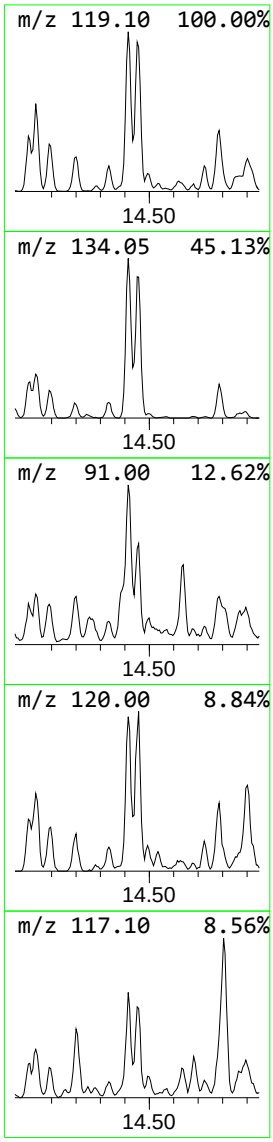
****

Peak Number 34 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	7.98 ug/L	182040	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

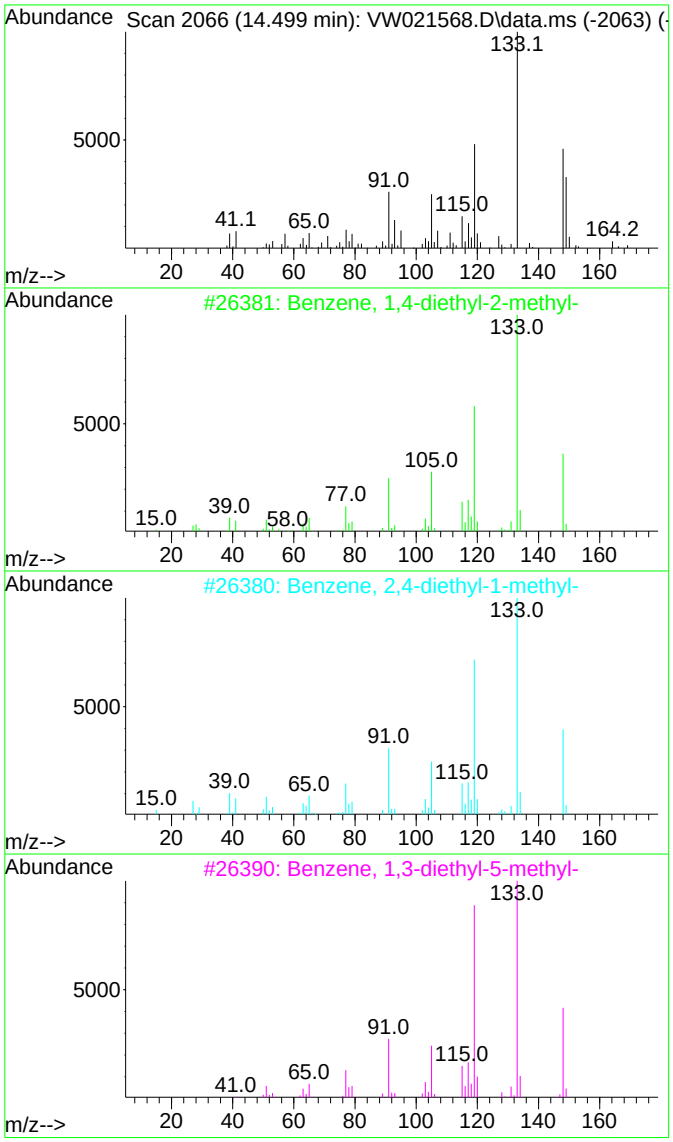
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

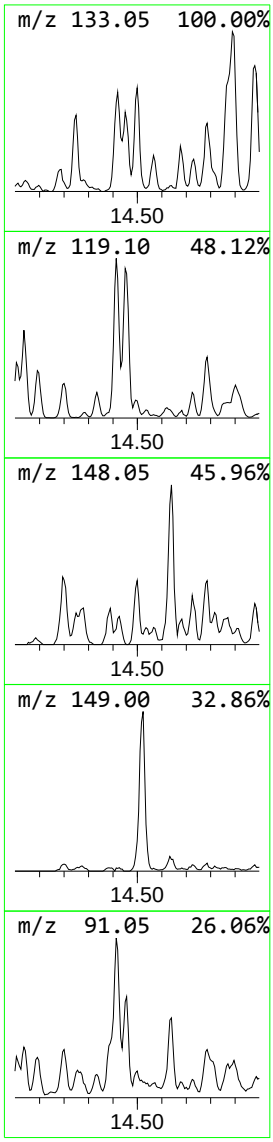
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	1.60 ug/L	36390	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	90
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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

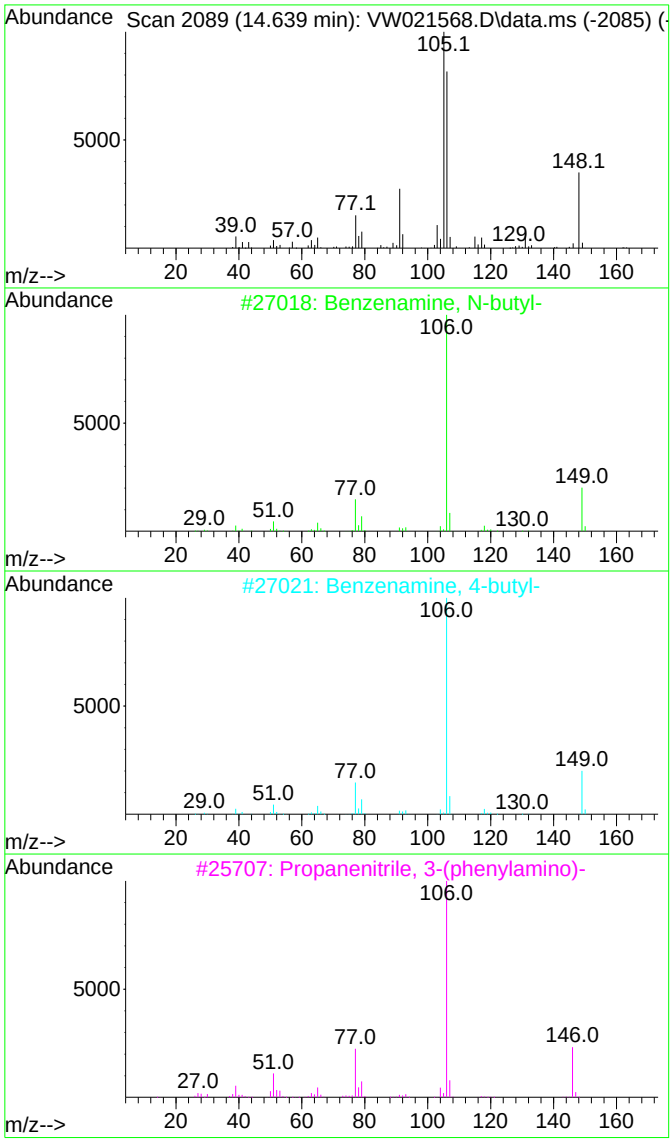
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

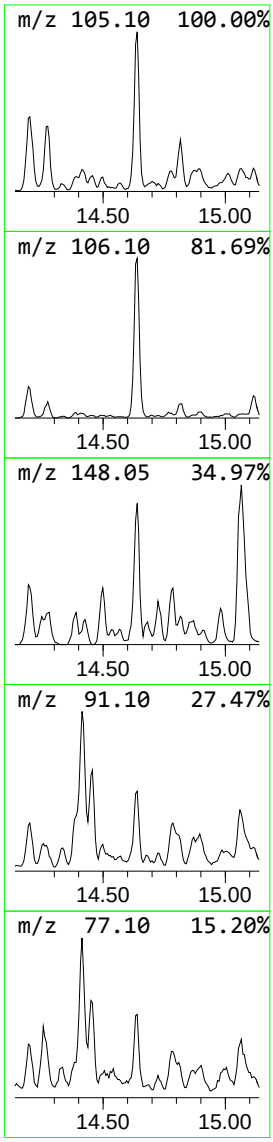
****

Peak Number 36 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	4.84 ug/L	110345	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	47
2	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	47
3	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	47
4	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	47
5	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

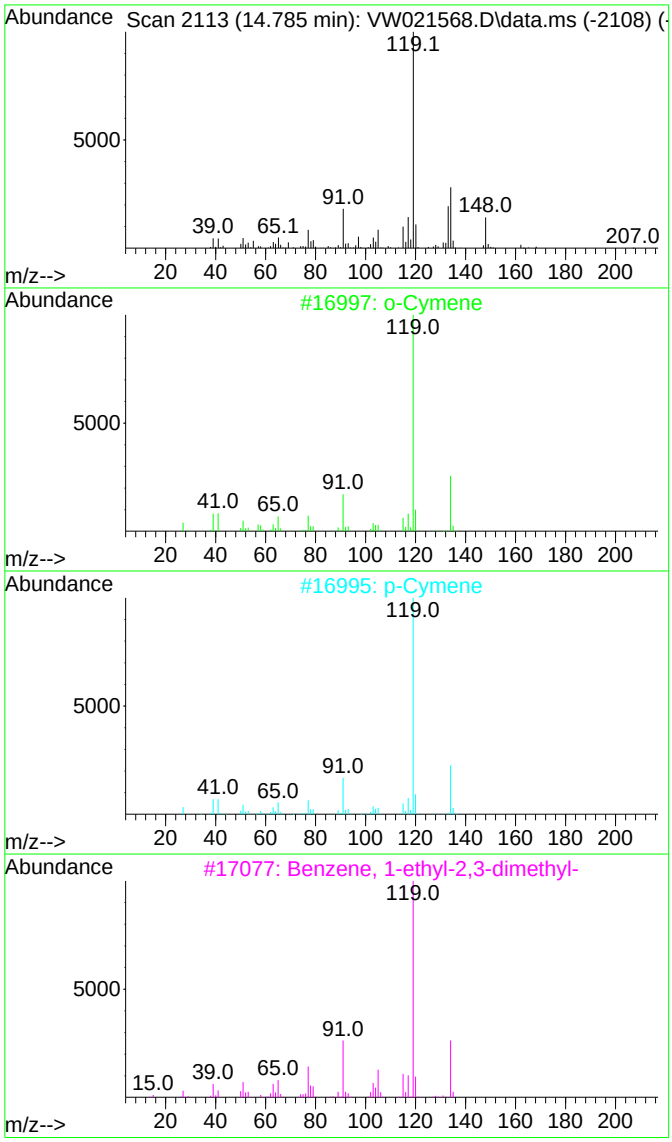
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

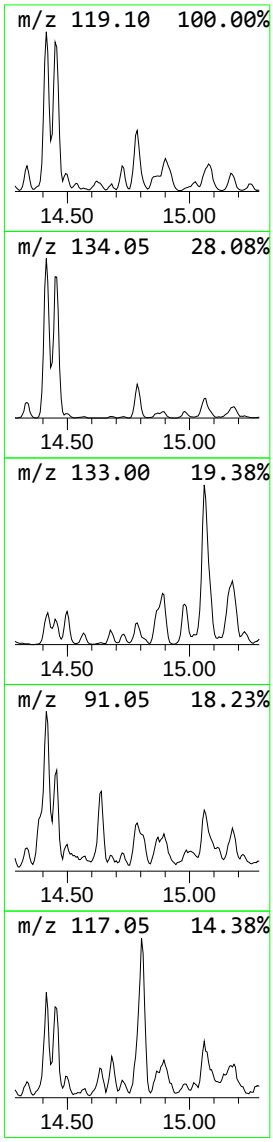
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.785	8.69 ug/L	198220	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

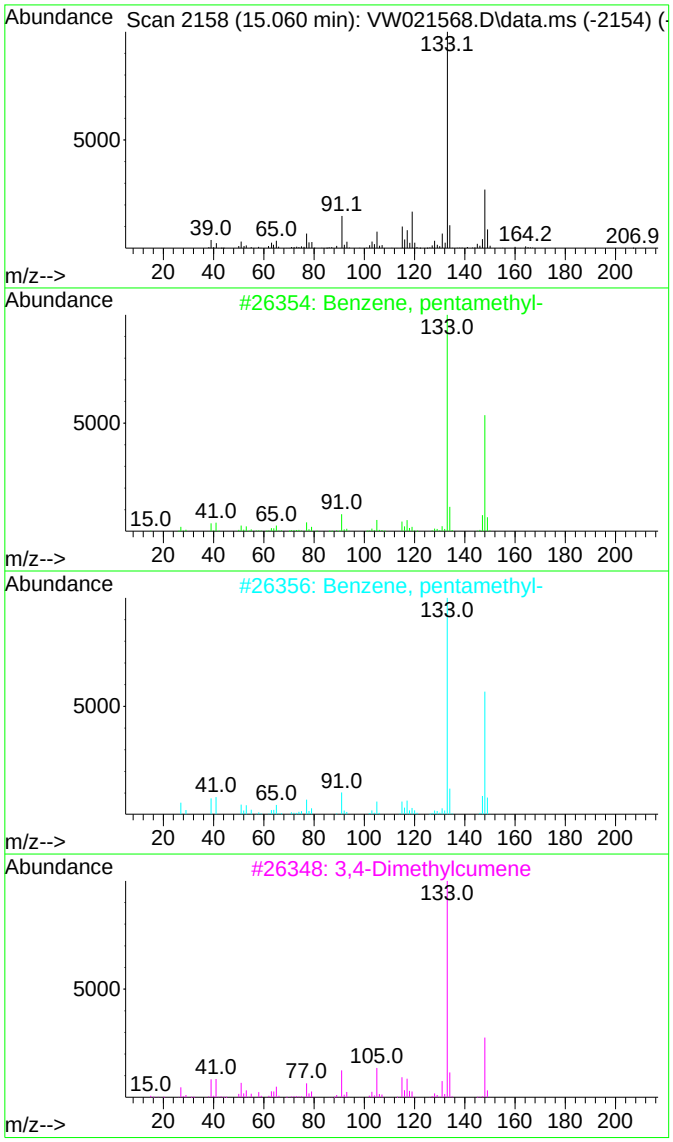
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

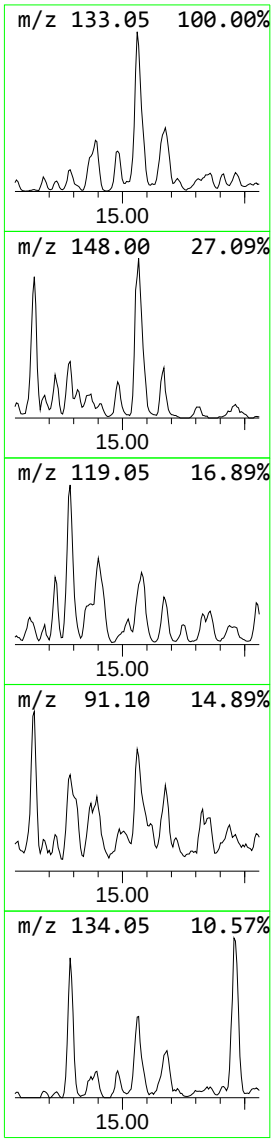
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.27 ug/L	165733	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

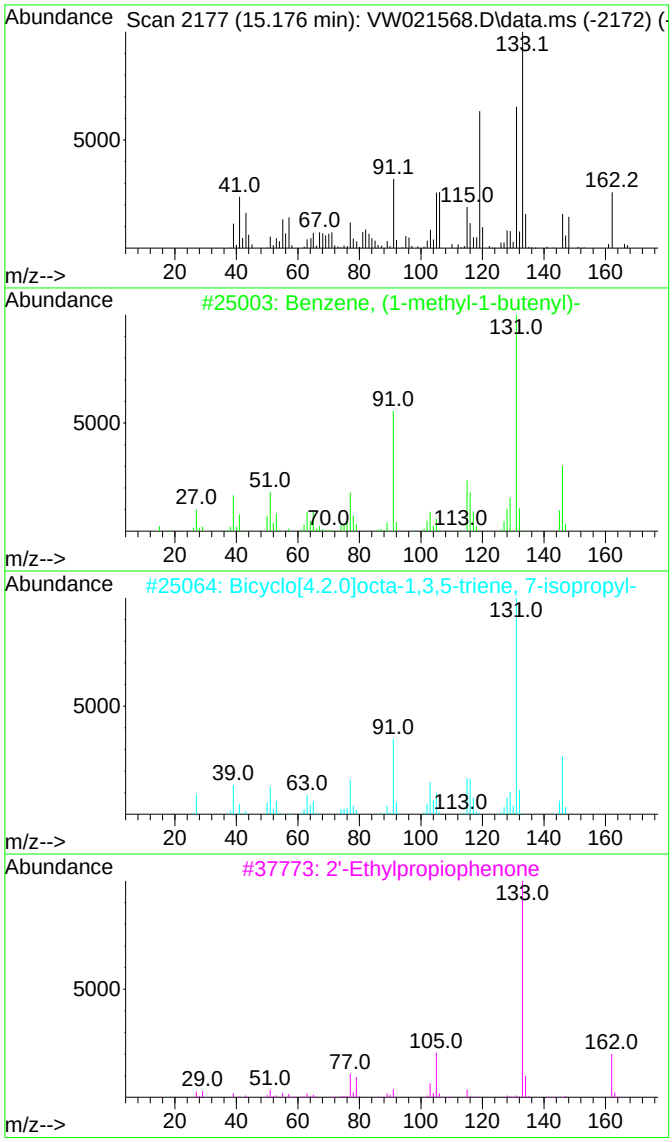
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

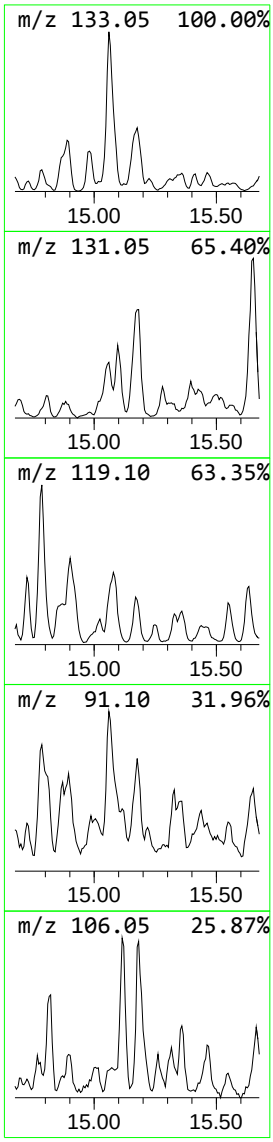
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, (1-methyl-1-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	5.47 ug/L	124886	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	59
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	53
3	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	38
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	30
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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

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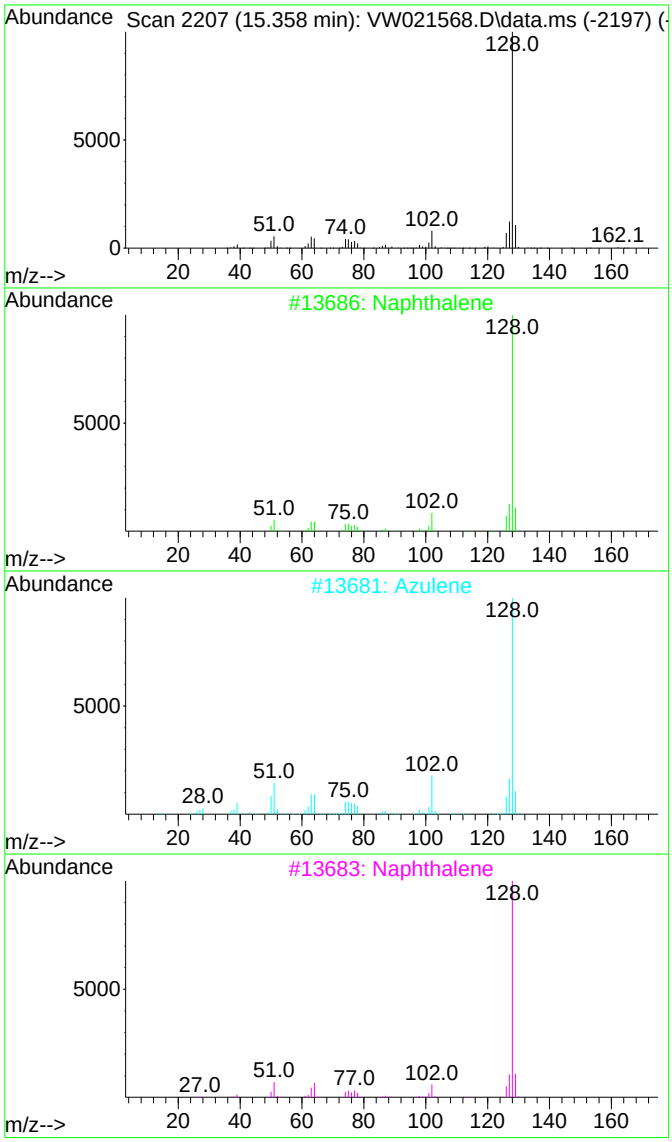
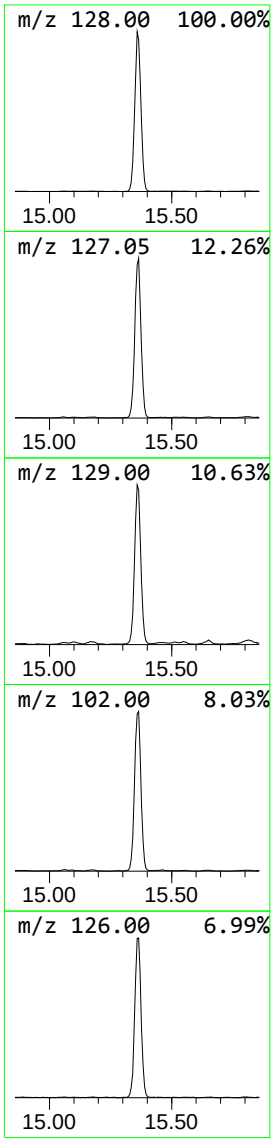
Peak Number 40 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	94.19 ug/L	2148470	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Naphthalene	128	C10H8	000091-20-3	90
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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

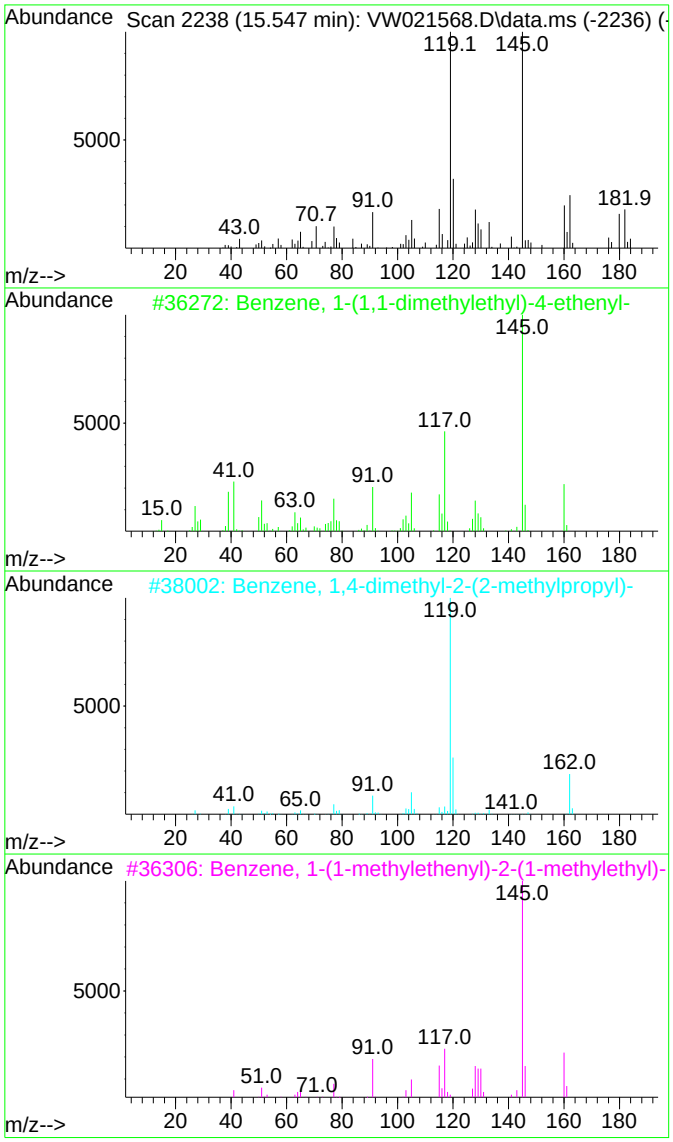
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

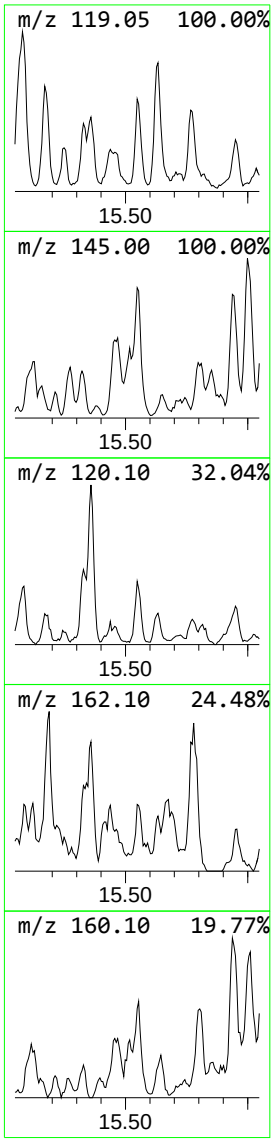
****

Peak Number 41 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.547	3.28 ug/L	74812	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	42
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	41
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	38
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

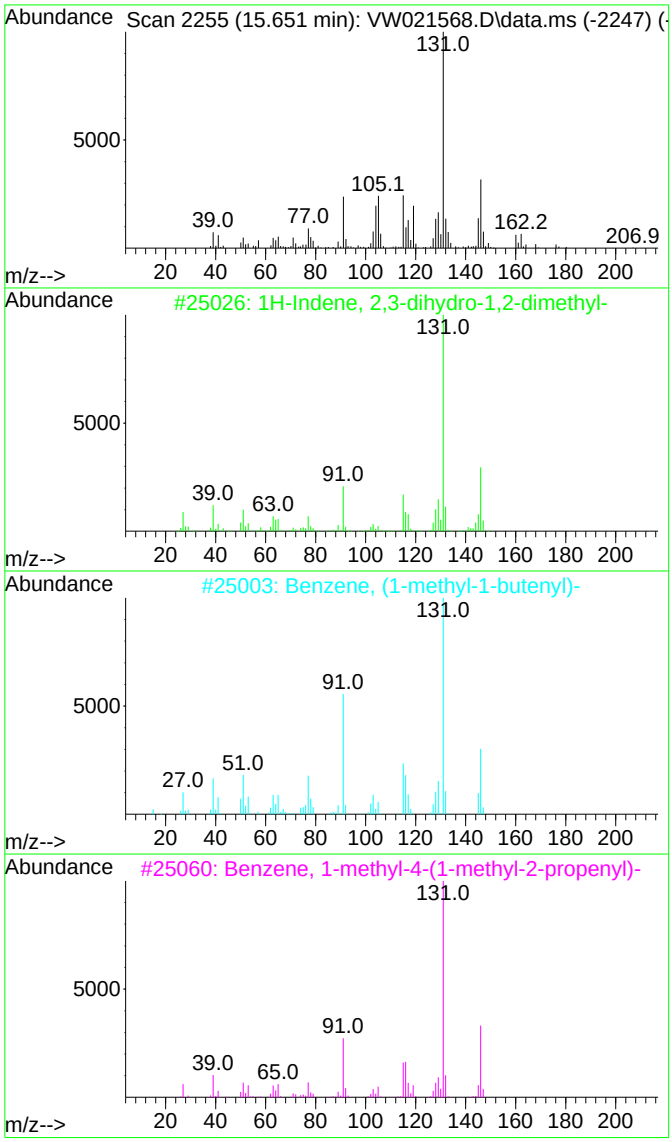
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

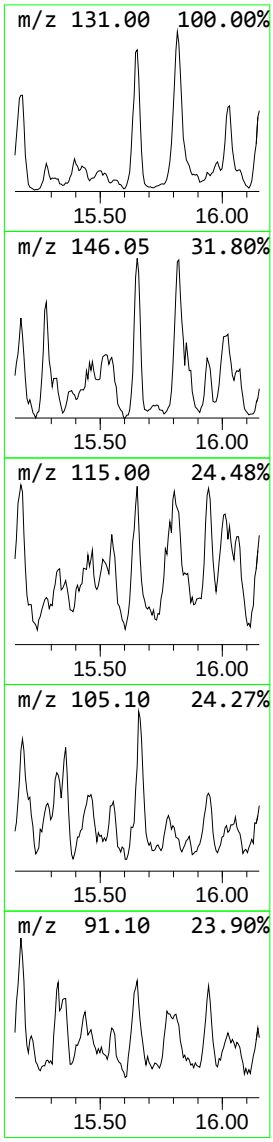
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	6.30 ug/L	143640	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

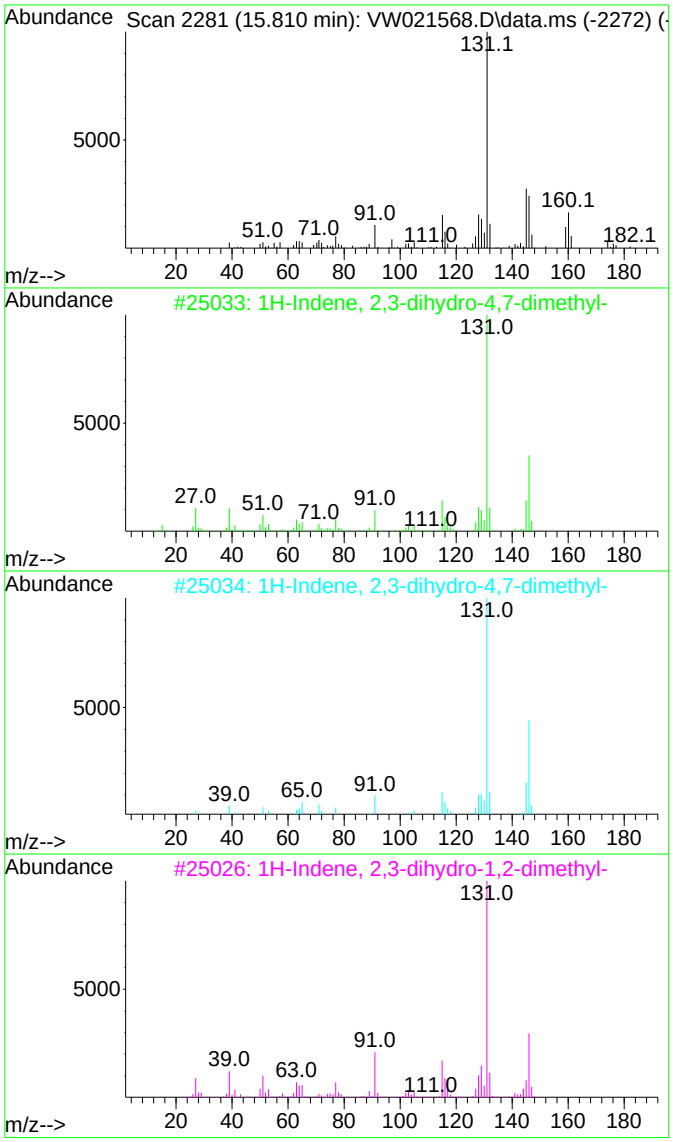
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

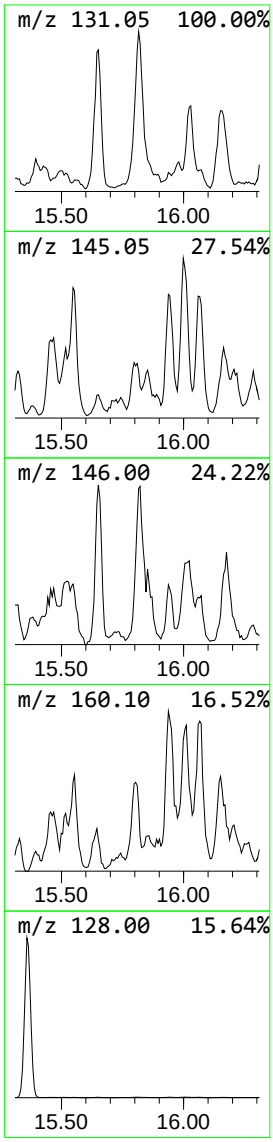
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	4.56 ug/L	103939	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	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	76
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

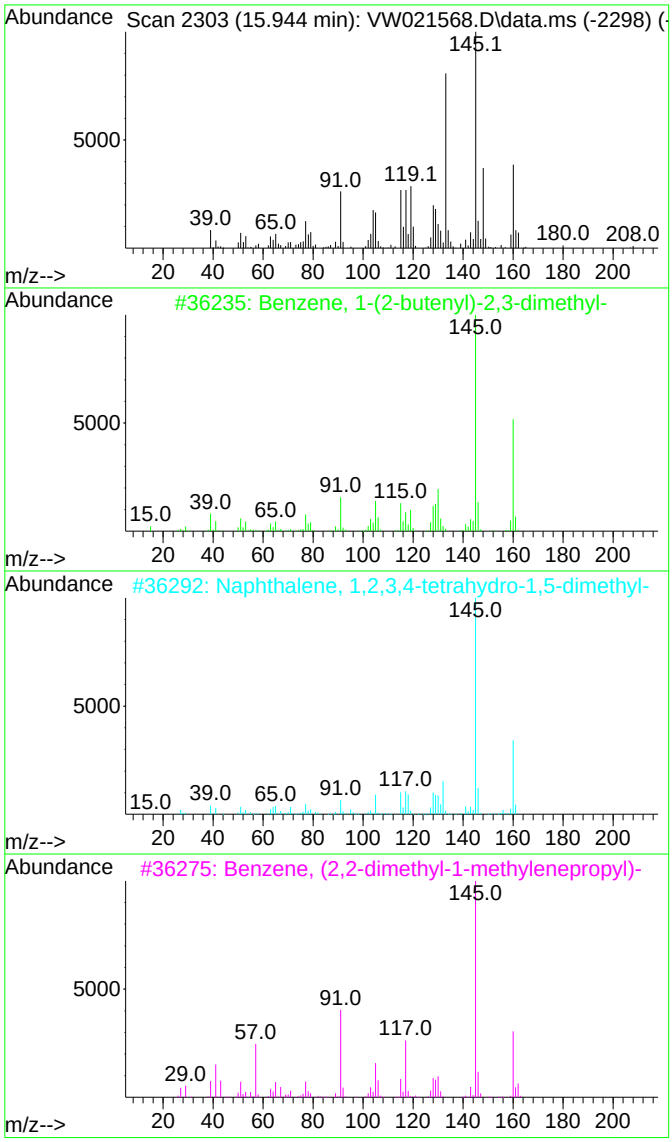
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

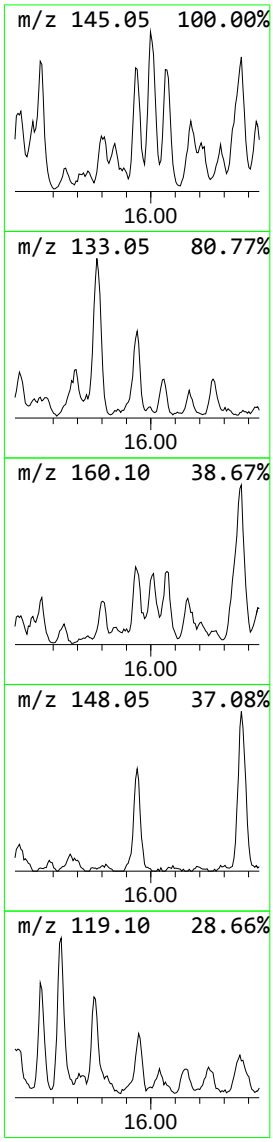
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	3.71 ug/L	84693	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	60
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	55
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

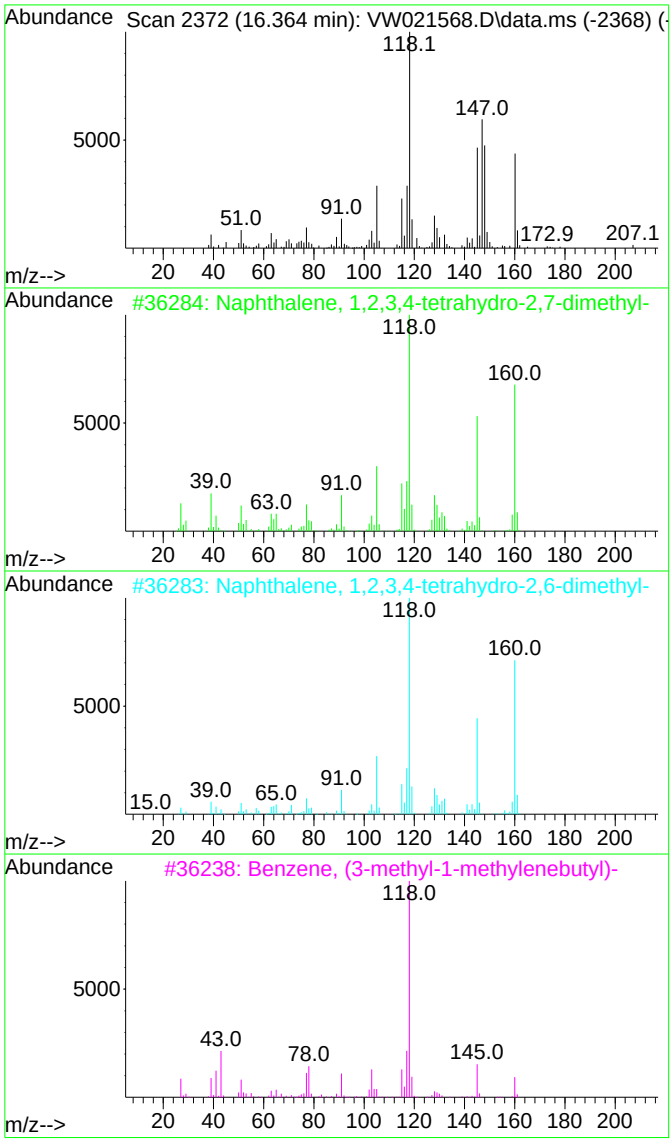
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

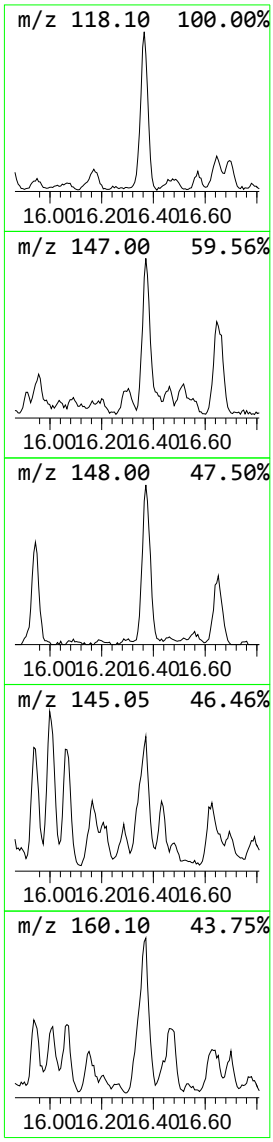
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	5.54 ug/L	126444	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	83
3	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021568.D
Acq On : 22 Dec 2021 17:17
Operator : SY/VA
Sample : M5154-15
Misc : 7.22g/10.0mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL95

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...	8.476	2.8	ug/L	37986	1	8.841	335711	25.0
(DEL) Alkane: S...	9.384	2.0	ug/L	27251	1	8.841	335711	25.0
(DEL) Alkane: S...	9.756	2.1	ug/L	28808	1	8.841	335711	25.0
(DEL) Alkane: S...	9.896	2.6	ug/L	34665	1	8.841	335711	25.0
(DEL) Alkane: S...	9.988	1.6	ug/L	20846	1	8.841	335711	25.0
(DEL) Alkane: S...	10.847	3.3	ug/L	58597	2	11.634	445011	25.0
(DEL) Alkane: S...	11.030	2.0	ug/L	36498	2	11.634	445011	25.0
(DEL) Alkane: C...	11.109	2.8	ug/L	50547	2	11.634	445011	25.0
(DEL) Alkane: S...	11.188	1.5	ug/L	27443	2	11.634	445011	25.0
(DEL) Alkane: C...	11.231	3.6	ug/L	64475	2	11.634	445011	25.0
(DEL) Alkane: S...	11.335	2.7	ug/L	48423	2	11.634	445011	25.0
(DEL) Alkane: S...	11.506	3.3	ug/L	57819	2	11.634	445011	25.0
(DEL) Alkane: C...	11.762	4.1	ug/L	72325	2	11.634	445011	25.0
(DEL) Alkane: C...	11.914	6.4	ug/L	114195	2	11.634	445011	25.0
Ether, heptyl h...	12.060	3.5	ug/L	63208	2	11.634	445011	25.0
(DEL) Alkane: C...	12.134	25.3	ug/L	449727	2	11.634	445011	25.0
(DEL) Alkane: S...	12.249	10.7	ug/L	189606	2	11.634	445011	25.0
Bicyclo[3.3.1]n...	12.335	6.3	ug/L	113021	2	11.634	445011	25.0
(DEL) Alkane: C...	12.383	7.5	ug/L	132816	2	11.634	445011	25.0
(DEL) Alkane: C...	12.780	11.3	ug/L	257614	3	13.554	570256	25.0
(DEL) Alkane: S...	12.859	8.6	ug/L	195097	3	13.554	570256	25.0
Oxalic acid, cy...	12.993	7.2	ug/L	163378	3	13.554	570256	25.0
(DEL) Alkane: S...	13.078	4.4	ug/L	100038	3	13.554	570256	25.0
Sulfurous acid,...	13.121	3.9	ug/L	89118	3	13.554	570256	25.0
(DEL) Alkane: S...	13.164	10.8	ug/L	246696	3	13.554	570256	25.0
(DEL) Alkane: C...	13.377	2.3	ug/L	52112	3	13.554	570256	25.0
Benzene, 1-meth...	14.194	5.0	ug/L	114564	3	13.554	570256	25.0
Adamantane	14.261	7.3	ug/L	166476	3	13.554	570256	25.0
Benzene, 2-ethy...	14.328	4.6	ug/L	103964	3	13.554	570256	25.0
Naphthalene, de...	14.383	5.9	ug/L	134461	3	13.554	570256	25.0
Benzene, 1,2,4,...	14.414	14.7	ug/L	335298	3	13.554	570256	25.0
o-Cymene	14.450	8.0	ug/L	182040	3	13.554	570256	25.0
Benzene, 1,4-di...	14.499	1.6	ug/L	36390	3	13.554	570256	25.0
unknown-01	14.639	4.8	ug/L	110345	3	13.554	570256	25.0
Benzene, 1-ethy...	14.785	8.7	ug/L	198220	3	13.554	570256	25.0
Benzene, pentam...	15.060	7.3	ug/L	165733	3	13.554	570256	25.0
Benzene, (1-met...	15.176	5.5	ug/L	124886	3	13.554	570256	25.0
Azulene	15.358	94.2	ug/L	2148470	3	13.554	570256	25.0
unknown-02	15.547	3.3	ug/L	74812	3	13.554	570256	25.0
1H-Indene, 2,3-...	15.651	6.3	ug/L	143640	3	13.554	570256	25.0
1H-Indene, 2,3-...	15.810	4.6	ug/L	103939	3	13.554	570256	25.0
Benzene, 1-(2-b...	15.944	3.7	ug/L	84693	3	13.554	570256	25.0
Naphthalene, 1,...	16.364	5.5	ug/L	126444	3	13.554	570256	25.0