LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

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\SFAMWLM100621SMA.M
Title : SFAM01.0

Signal : TIC: VW020340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	41	45	49	rVB2	7684	9859	0.04%	0.026%
2	2.355	65	74	85	rVV3	469015	798137	3.53%	2.140%
3	2.879	153	160	171	rVB	33973	71120	0.31%	0.191%
4	3.026	176	184	196	rBV	27922	64851	0.29%	0.174%
5	3.385	235	243	261	rVB2	47022	126447	0.56%	0.339%
6	3.586	267	276	286	rBV2	10426	24956	0.11%	0.067%
7	3.757	295	304	311	rBV2	4427	10926	0.05%	0.029%
8	3.849	311	319	333	rVB	34289	89465	0.40%	0.240%
9	4.019	335	347	361	rBV2	125445	396533	1.75%	1.063%
10	4.141	361	367	379	rVB	4070	11955	0.05%	0.032%
11	4.385	394	407	425	rBV	6539	19370	0.09%	0.052%
12	4.787	458	473	483	rBV4	6302	22159	0.10%	0.059%
13	4.922	483	495	501	rBV2	21999	81670	0.36%	0.219%
14	5.007	502	509	533	rVB2	45175	172724	0.76%	0.463%
15	5.428	564	578	604	rBV	1408090	4210252	18.60%	11.291%
16	5.946	652	663	675	rBV	31015	92994	0.41%	0.249%
17	6.531	749	759	767	rBV	3318	9727	0.04%	0.026%
18	6.988	824	834	843	rBV3	26426	77715	0.34%	0.208%
19	7.092	843	851	853	rVV	27190	62890	0.28%	0.169%
20	7.171	853	864	890	rVB	8601639	22631781	100.00%	60.695%
21	7.653	933	943	962	rVB	161944	436382	1.93%	1.170%
22	7.958	980	993	1001	rBV5	31441	105267	0.47%	0.282%
23	8.037	1001	1006	1014	rVB2	6452	15892	0.07%	0.043%
24	8.159	1014	1026	1032	rBV2	18477	44244	0.20%	0.119%
25	8.281	1032	1046	1050	rBV	327044	830210	3.67%	2.227%
26	8.451	1062	1074	1080	rBV4	45087	129266	0.57%	0.347%
27	8.506	1081	1083	1089	rVB2	13234	20559	0.09%	0.055%
28	8.573	1089	1094	1106	rVB	30361	73965	0.33%	0.198%
29	8.695	1106	1114	1126	rVB	52185	105835	0.47%	0.284%
30	8.842	1130	1138	1160	rVB	302361	613161	2.71%	1.644%
31	9.092	1170	1179	1193	rVB	181773	368070	1.63%	0.987%
32	9.274	1198	1209	1215	rBV	225771	497256	2.20%	1.334%
33	9.335	1215	1219	1235	rVB	100003	214069	0.95%	0.574%
34	9.518	1242	1249	1255	rBV2	15099	28654	0.13%	0.077%
35	9.610	1255	1264	1271	rVB2	13987	29125	0.13%	0.078%
36	9.750	1278	1287	1298	rVB	20060	44942	0.20%	0.121%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
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Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

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\SFAMWLM100621SMA.M
Title : SFAM01.0

37	9.854	1298	1304	1308	rBV2	10140	18634	0.08%	0.050%
38	9.902	1308	1312	1316	rBV4	5856	9911	0.04%	0.027%
39	9.957	1316	1321	1329	rBV2	34647	69614	0.31%	0.187%
40	10.037	1329	1334	1339	rBV	100512	166341	0.73%	0.446%
41	10.097	1339	1344	1355	rVB2	27183	67067	0.30%	0.180%
42	10.207	1355	1362	1373	rVB3	13503	31581	0.14%	0.085%
43	10.323	1373	1381	1390	rBV	421681	792861	3.50%	2.126%
44	10.445	1397	1401	1404	rBV2	7104	11275	0.05%	0.030%
45	10.506	1404	1411	1418	rVB2	75826	147441	0.65%	0.395%
46	10.579	1418	1423	1428	rBV	66974	114139	0.50%	0.306%
47	10.664	1432	1437	1445	rVB2	35256	62350	0.28%	0.167%
48	10.756	1445	1452	1459	rBV5	21234	50739	0.22%	0.136%
49	10.847	1463	1467	1473	rVB5	7712	14571	0.06%	0.039%
50	10.927	1473	1480	1488	rBV2	116692	208717	0.92%	0.560%
51	11.036	1488	1498	1500	rBV5	9081	26402	0.12%	0.071%
52	11.109	1505	1510	1512	rBV3	14162	22561	0.10%	0.061%
53	11.177	1517	1521	1525	rVB	38311	57955	0.26%	0.155%
54	11.231	1525	1530	1535	rVB	53441	89501	0.40%	0.240%
55	11.286	1535	1539	1542	rVB4	7783	10371	0.05%	0.028%
56	11.335	1542	1547	1552	rVB2	23588	38555	0.17%	0.103%
57	11.414	1552	1560	1571	rVB4	29382	96522	0.43%	0.259%
58	11.512	1571	1576	1581	rBV	36450	57711	0.25%	0.155%
59	11.634	1589	1596	1607	rBV	285555	500187	2.21%	1.341%
60	11.731	1607	1612	1616	rBV2	30063	51751	0.23%	0.139%
61	11.811	1620	1625	1627	rBV3	13350	23830	0.11%	0.064%
62	11.878	1632	1636	1639	rVB	15108	19857	0.09%	0.053%
63	11.975	1648	1652	1656	rBV4	6126	10654	0.05%	0.029%
64	12.042	1657	1663	1672	rVB6	6820	19852	0.09%	0.053%
65	12.140	1672	1679	1686	rBV3	33469	82140	0.36%	0.220%
66	12.250	1690	1697	1701	rVB2	31609	57763	0.26%	0.155%
67	12.298	1701	1705	1706	rBV	8755	9658	0.04%	0.026%
68	12.341	1707	1712	1713	rBV	36334	48847	0.22%	0.131%
69	12.463	1727	1732	1736	rBV2	13252	23716	0.10%	0.064%
70	12.506	1736	1739	1741	rVV3	6912	9824	0.04%	0.026%
71	12.536	1742	1744	1747	rVB	11018	13075	0.06%	0.035%
72	12.615	1753	1757	1759	rBV3	7866	12188	0.05%	0.033%
73	12.652	1759	1763	1765	rVV	14656	21167	0.09%	0.057%
74	12.695	1765	1770	1777	rVV	141518	236398	1.04%	0.634%
75	12.780	1779	1784	1791	rVB3	32838	74661	0.33%	0.200%
76	12.859	1792	1797	1800	rVV7	8963	16487	0.07%	0.044%

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Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Title : SFAM01.0

77	12.938	1800	1810	1816	rVV5	38384	114228	0.50%	0.306%
78	12.993	1816	1819	1824	rVB	12293	18165	0.08%	0.049%
79	13.103	1824	1837	1844	rBV	37270	107198	0.47%	0.287%
80	13.164	1844	1847	1857	rVB4	31013	56769	0.25%	0.152%
81	13.255	1858	1862	1865	rBV2	7331	12007	0.05%	0.032%
82	13.377	1879	1882	1886	rVB2	8562	12618	0.06%	0.034%
83	13.444	1886	1893	1897	rBV5	30875	59076	0.26%	0.158%
84	13.481	1897	1899	1903	rVV3	9041	11404	0.05%	0.031%
85	13.554	1906	1911	1920	rVB2	124448	227812	1.01%	0.611%
86	13.755	1940	1944	1948	rVB2	12006	18403	0.08%	0.049%
87	13.853	1954	1960	1969	rVV	126847	260733	1.15%	0.699%
88	13.950	1972	1976	1979	rVV	11406	18222	0.08%	0.049%
89	14.011	1982	1986	1992	rVV3	11011	18615	0.08%	0.050%
90	14.091	1995	1999	2004	rVB	22827	35512	0.16%	0.095%
91	14.206	2012	2018	2023	rVB2	40140	67814	0.30%	0.182%
92	14.335	2033	2039	2043	rBV2	14485	28013	0.12%	0.075%
93	14.383	2043	2047	2050	rVV4	12386	19624	0.09%	0.053%
94	14.420	2050	2053	2057	rVB2	9166	11795	0.05%	0.032%
95	14.542	2068	2073	2081	rVB8	11409	29337	0.13%	0.079%
96	14.688	2093	2097	2101	rBV3	9293	17118	0.08%	0.046%
97	14.792	2108	2114	2132	rBV2	57349	140373	0.62%	0.376%
98	15.060	2153	2158	2162	rBV3	8350	15763	0.07%	0.042%
99	15.176	2170	2177	2185	rVB3	16840	36775	0.16%	0.099%
100	15.316	2195	2200	2205	rVB4	5881	10809	0.05%	0.029%

Sum of corrected areas: 37287485

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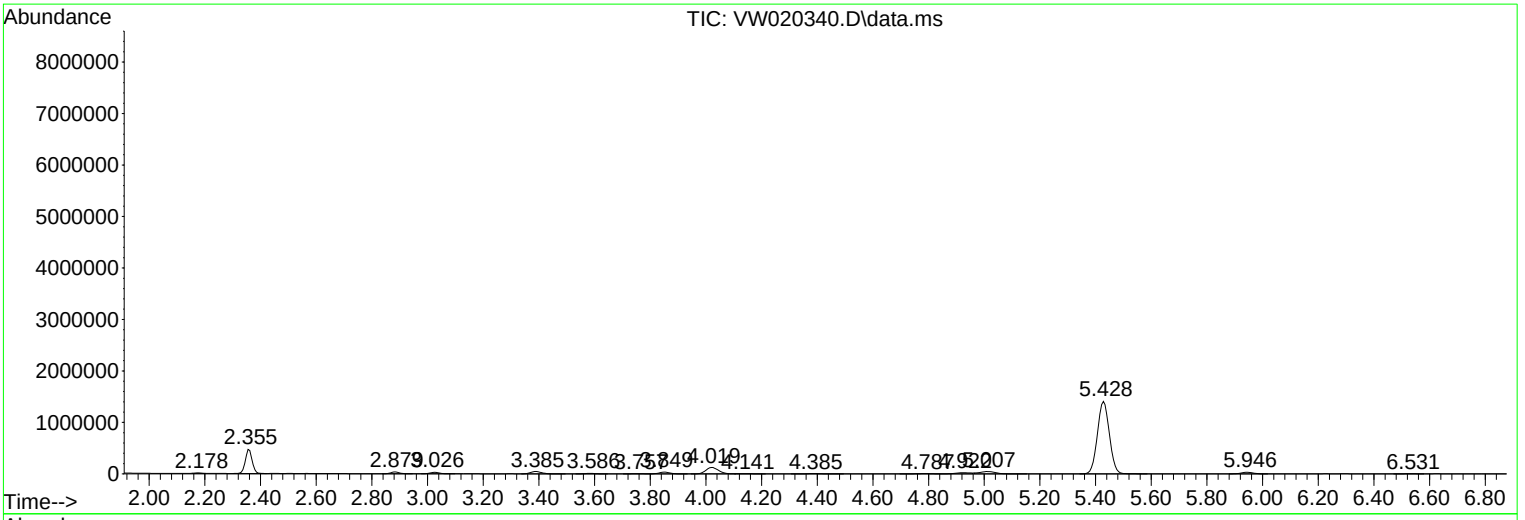
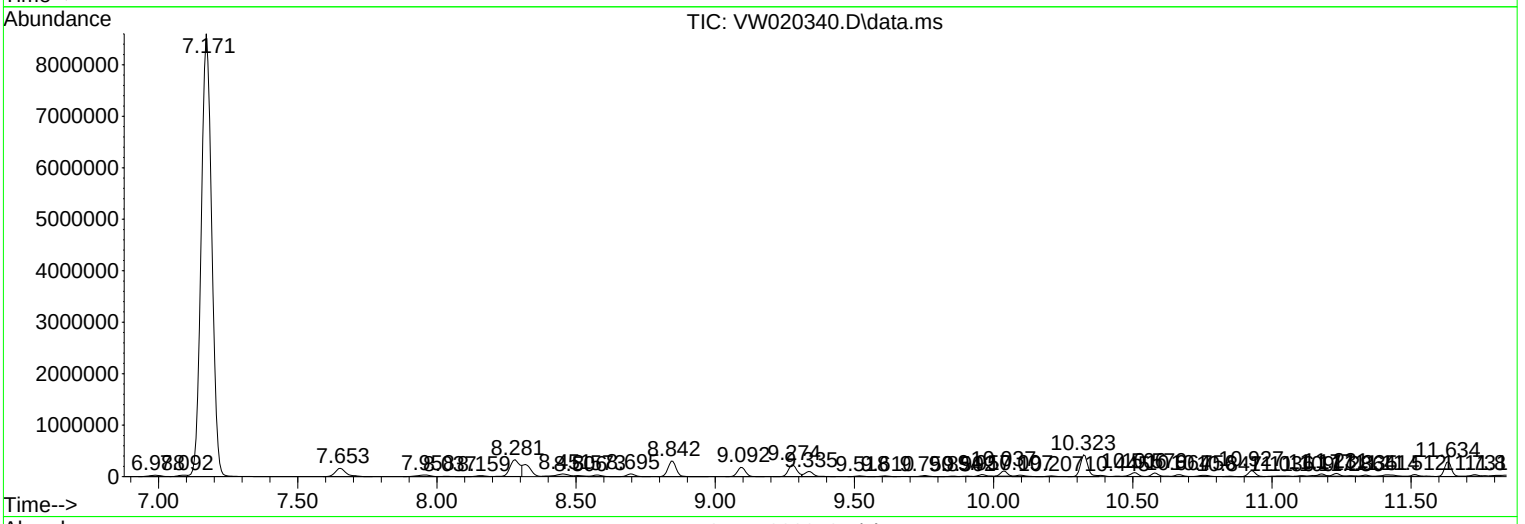
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

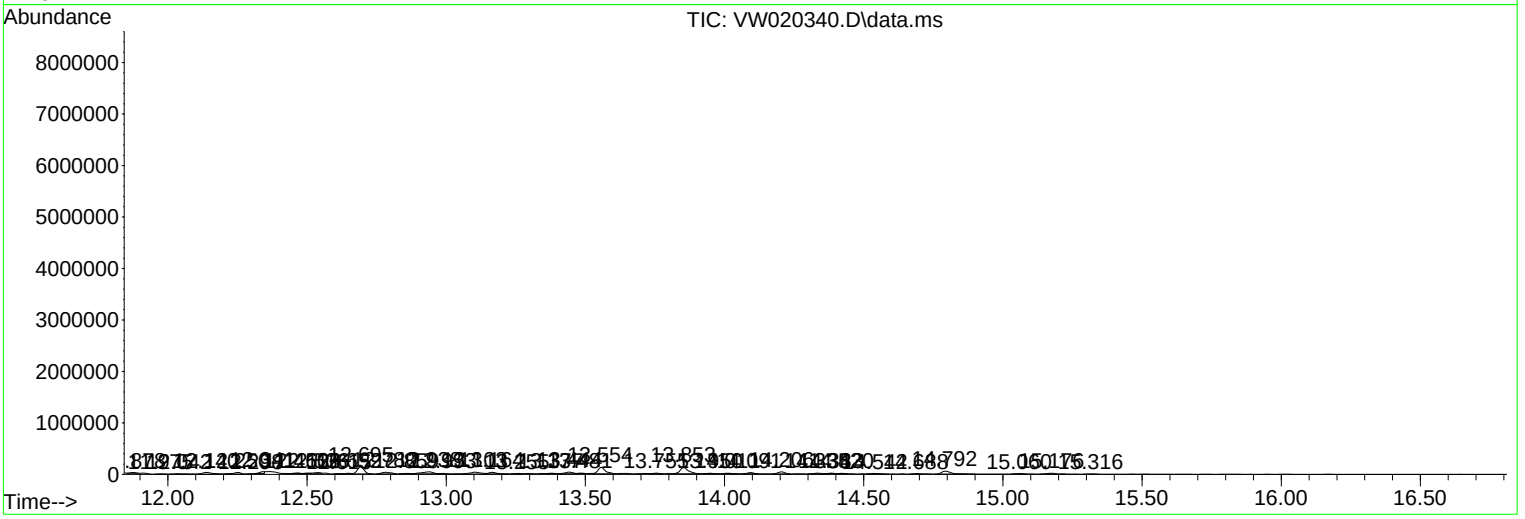
Instrument :
MSVOA_W
ClientSampleId :
EW905

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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







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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

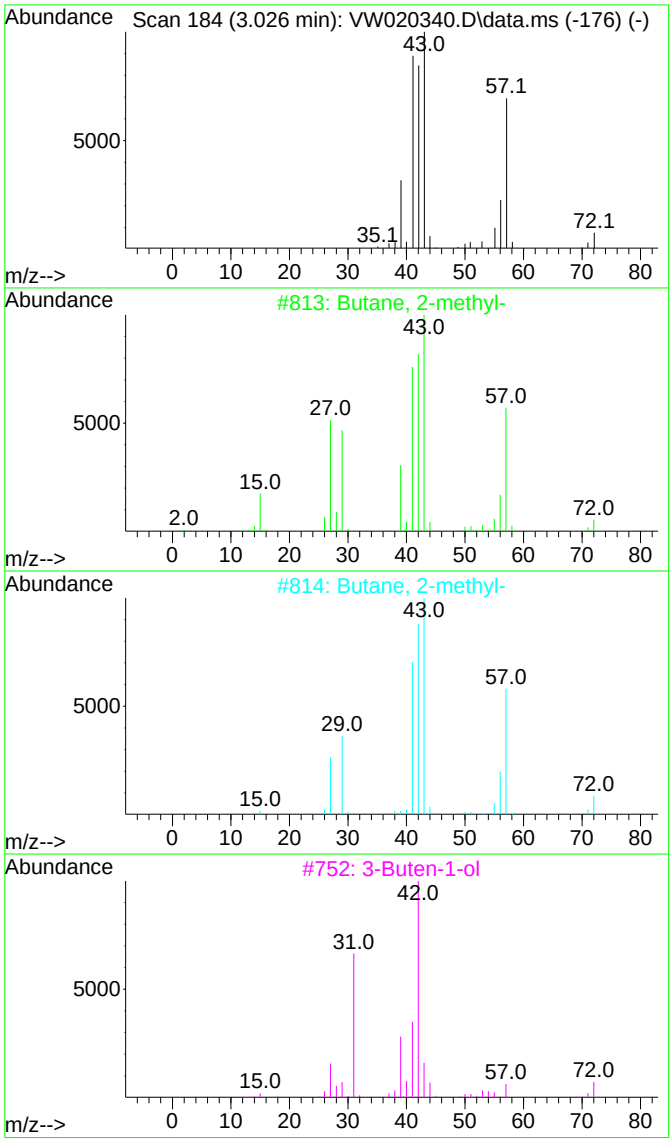
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

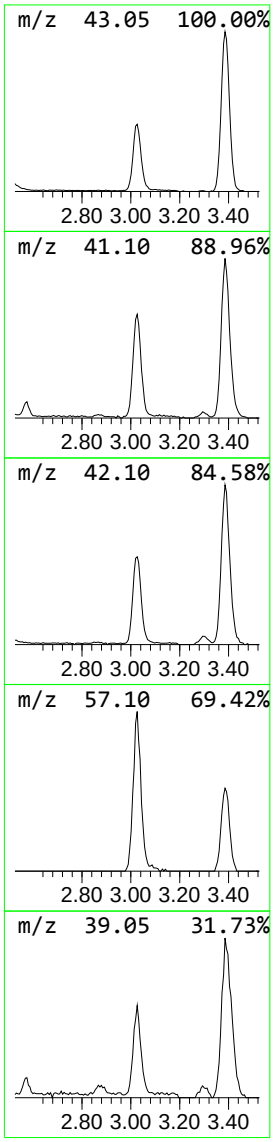
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.026	2.64 ug/L	64851	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	3-Buten-1-ol	72	C4H8O	000627-27-0	37
5	Isobutylene epoxide	72	C4H8O	000558-30-5	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

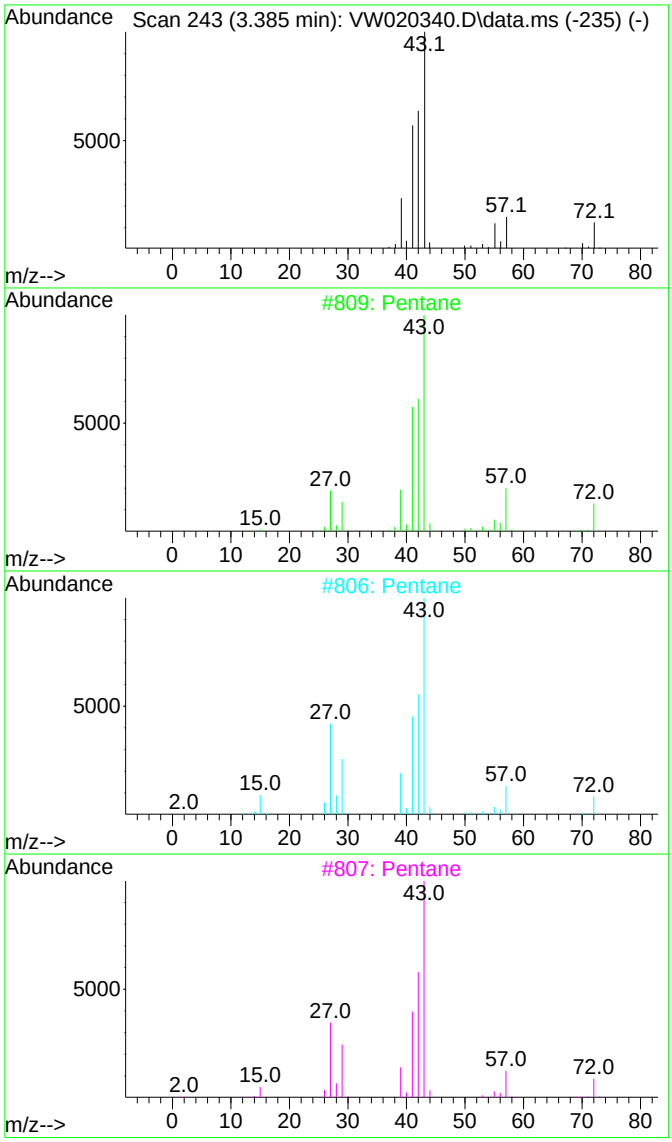
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

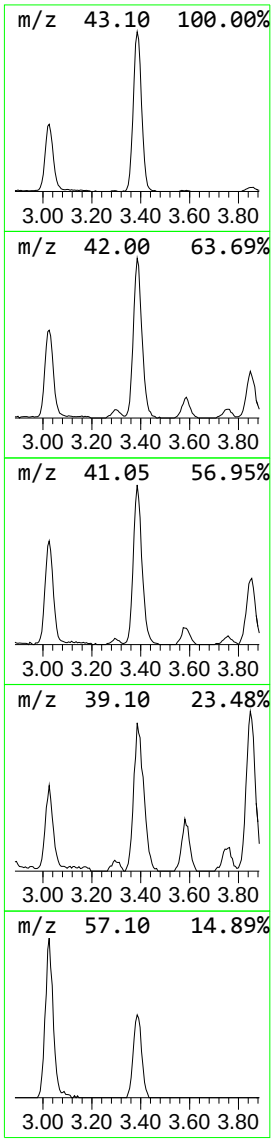
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	5.16 ug/L	126447	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	59





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Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

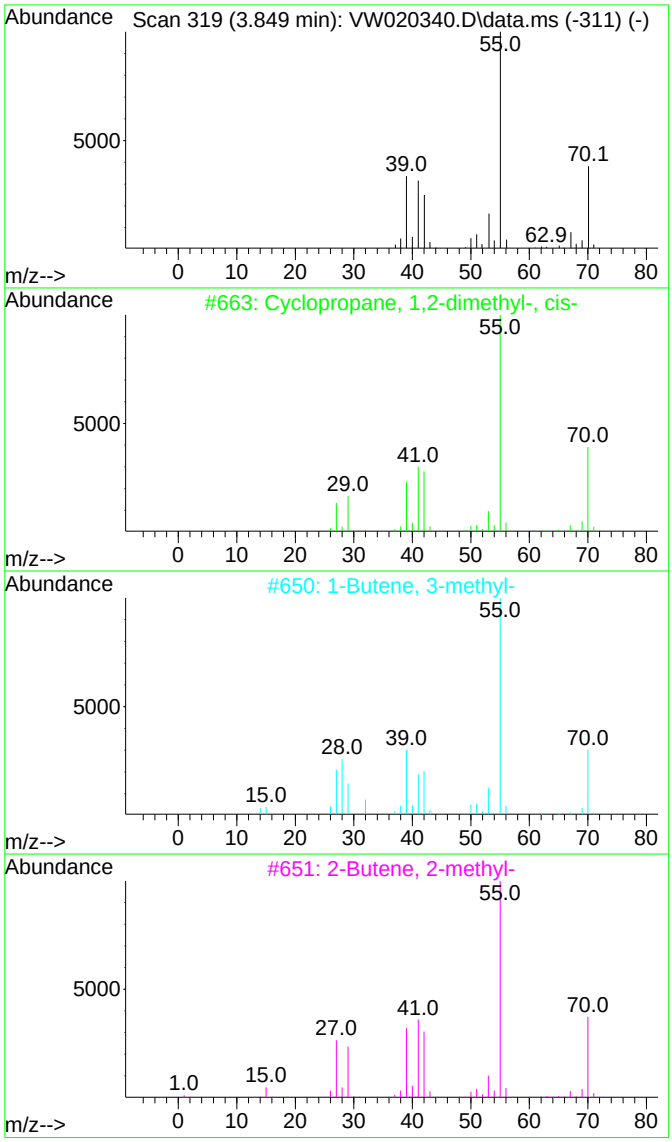
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

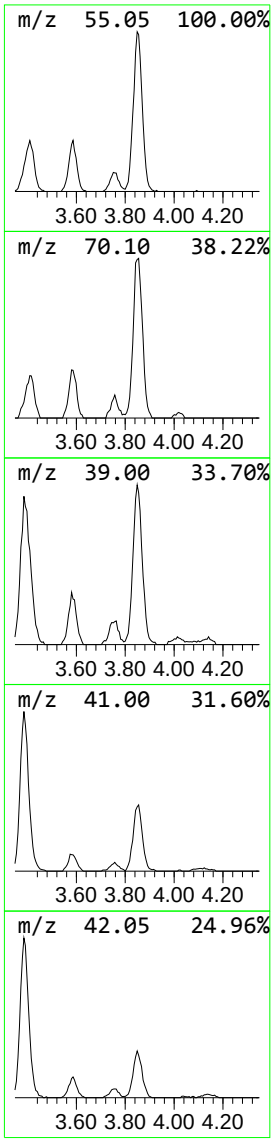
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.849 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.849	3.65 ug/L	89465	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





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Data File : VW020340.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

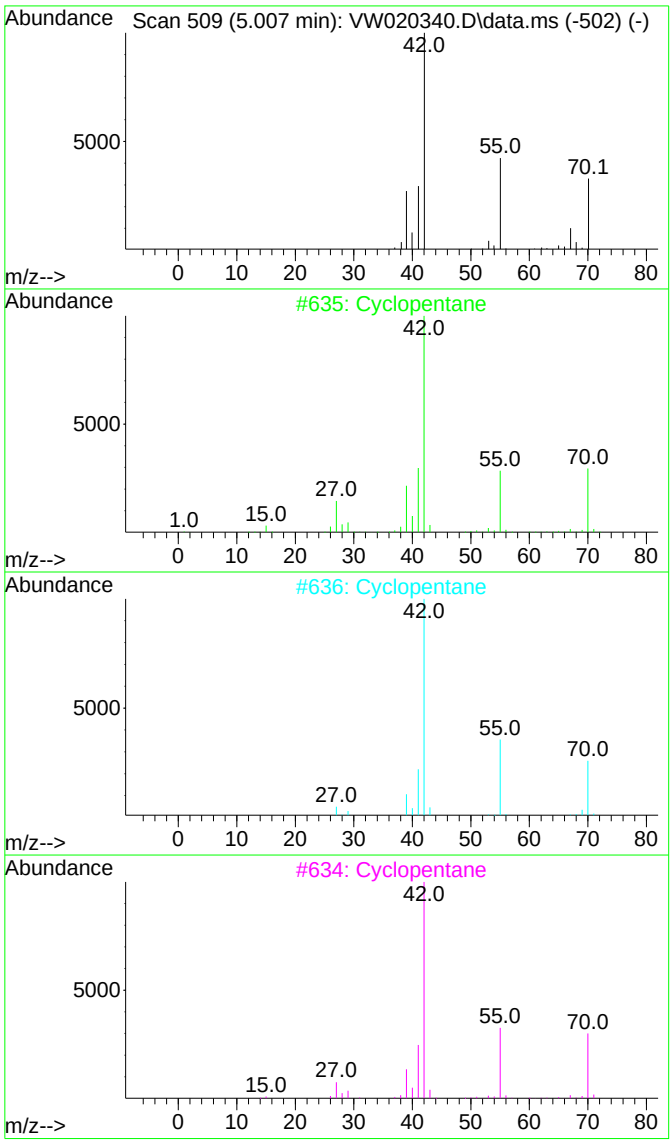
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

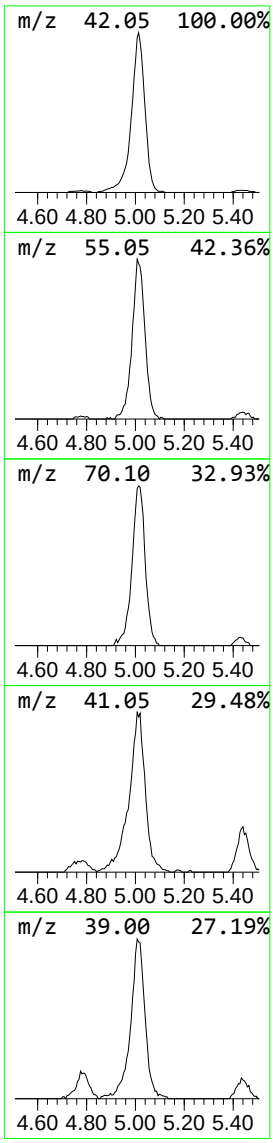
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.007 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	7.04 ug/L	172724	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	Cyclopentane	70	C5H10	000287-92-3	72
4	1-Pentene	70	C5H10	000109-67-1	59
5	1-Pentene	70	C5H10	000109-67-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

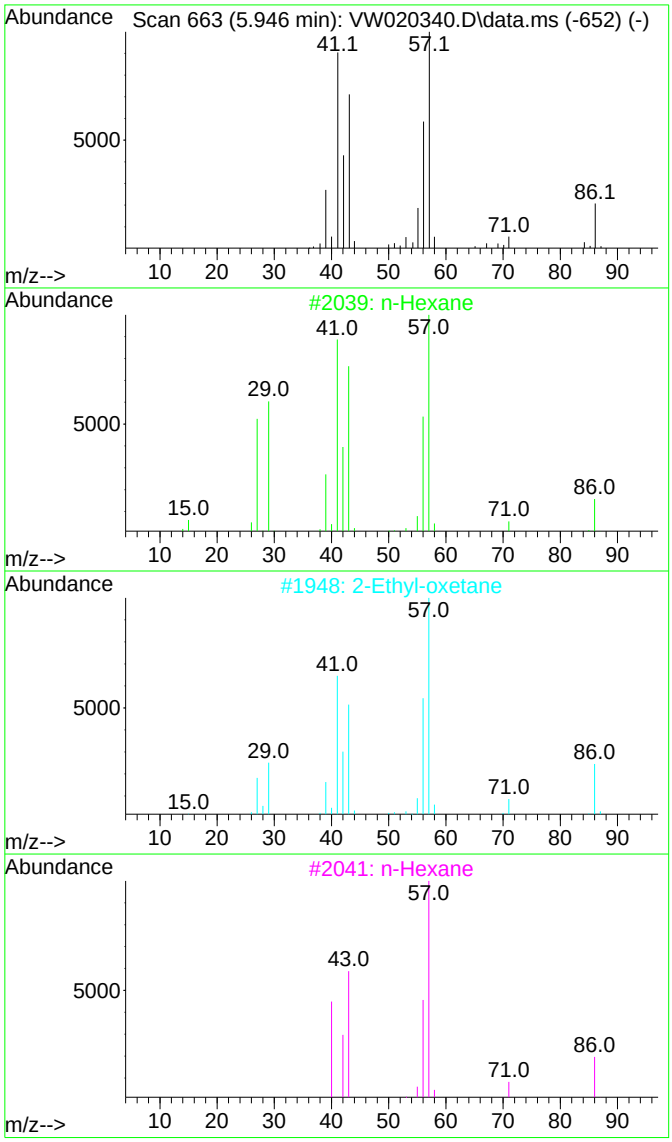
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

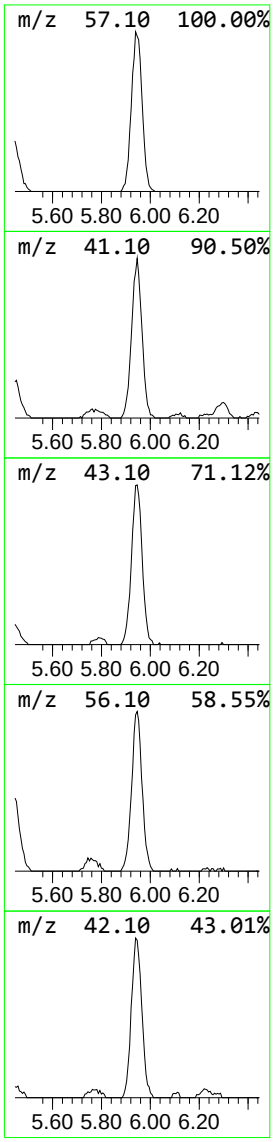
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	3.79 ug/L	92994	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

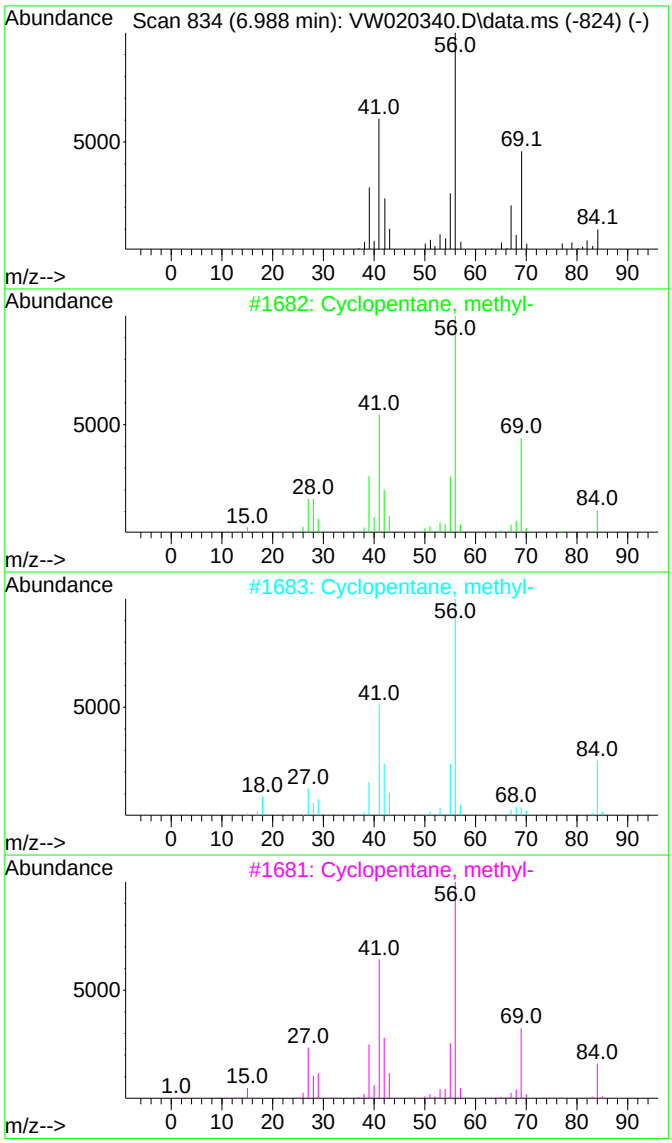
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

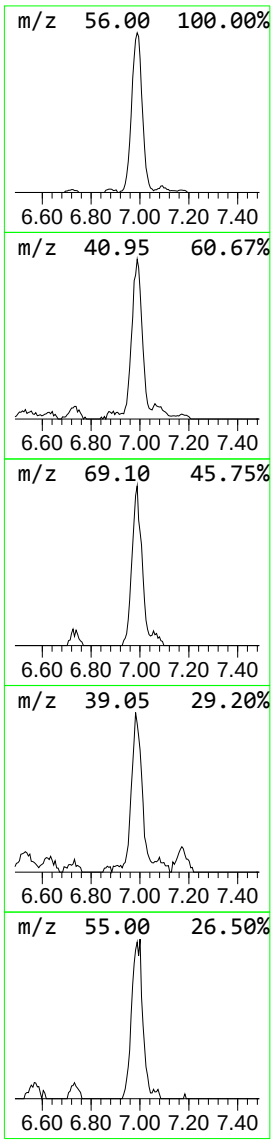
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic6.988 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	3.17 ug/L	77715	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47





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Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

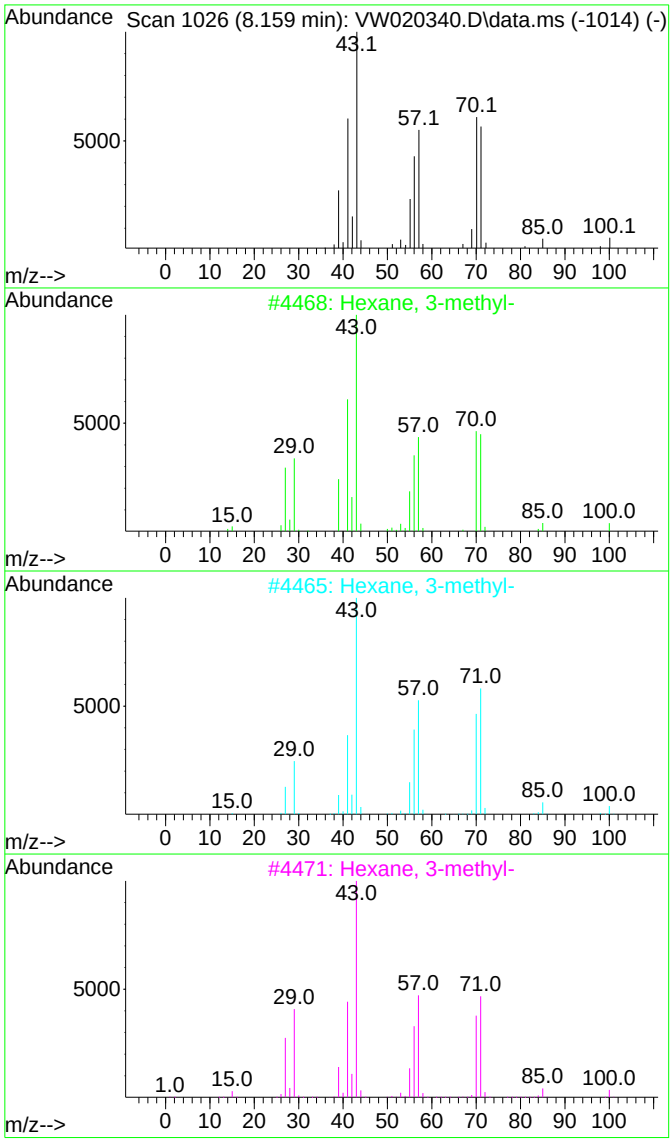
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

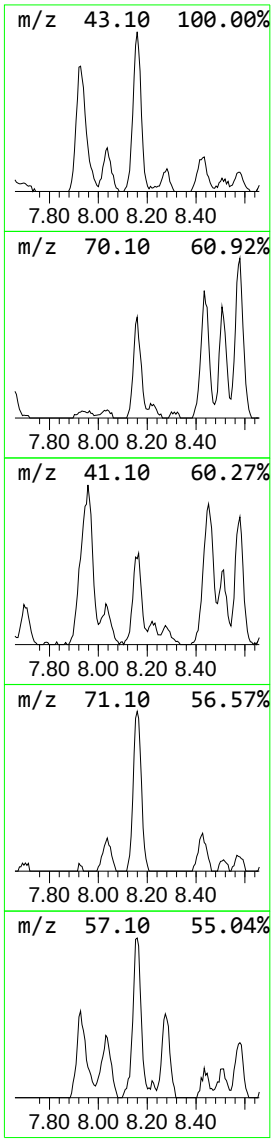
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	1.80 ug/L	44244	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4	Heptane	100	C7H16	000142-82-5	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

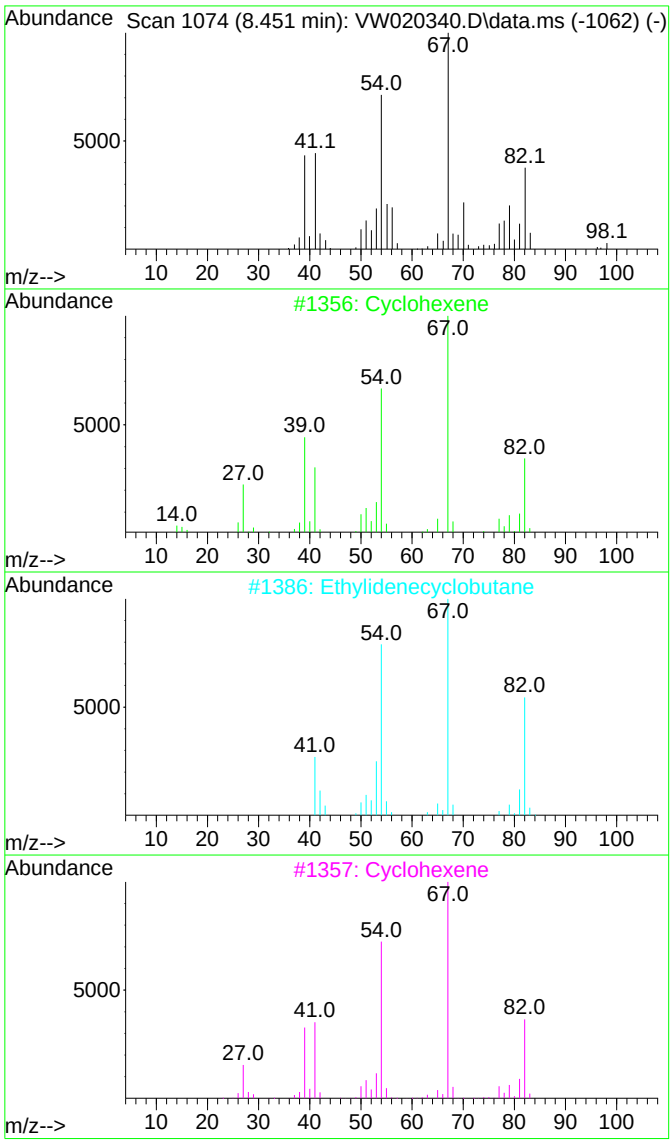
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

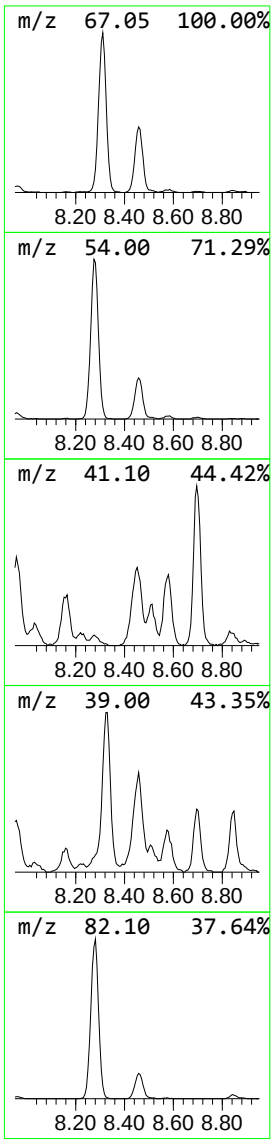
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethylidenecyclobutane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	5.27 ug/L	129266	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	70
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	64
3	Cyclohexene	82	C6H10	000110-83-8	55
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	53
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

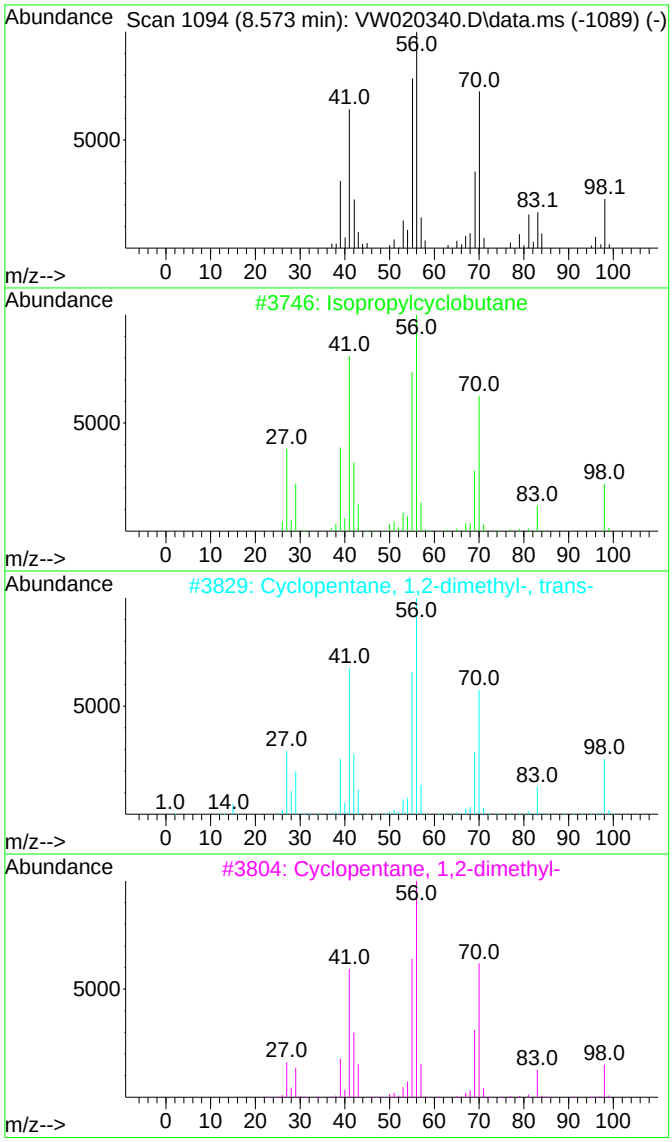
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

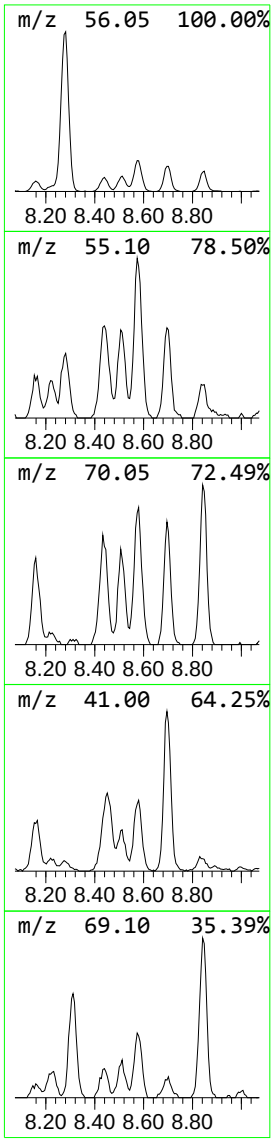
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.573 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	3.02 ug/L	73965	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5	3-Heptene	98	C7H14	000592-78-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

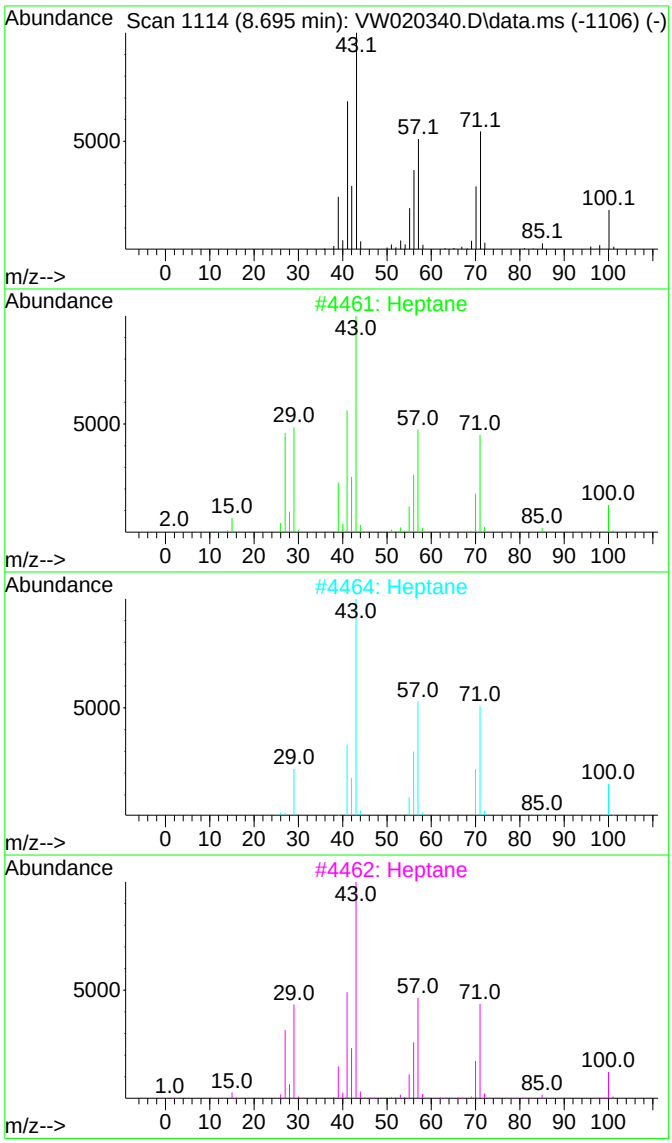
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

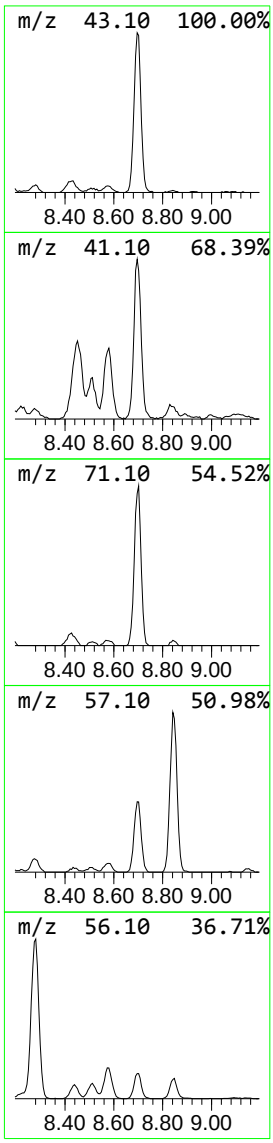
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	4.32 ug/L	105835	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	68
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

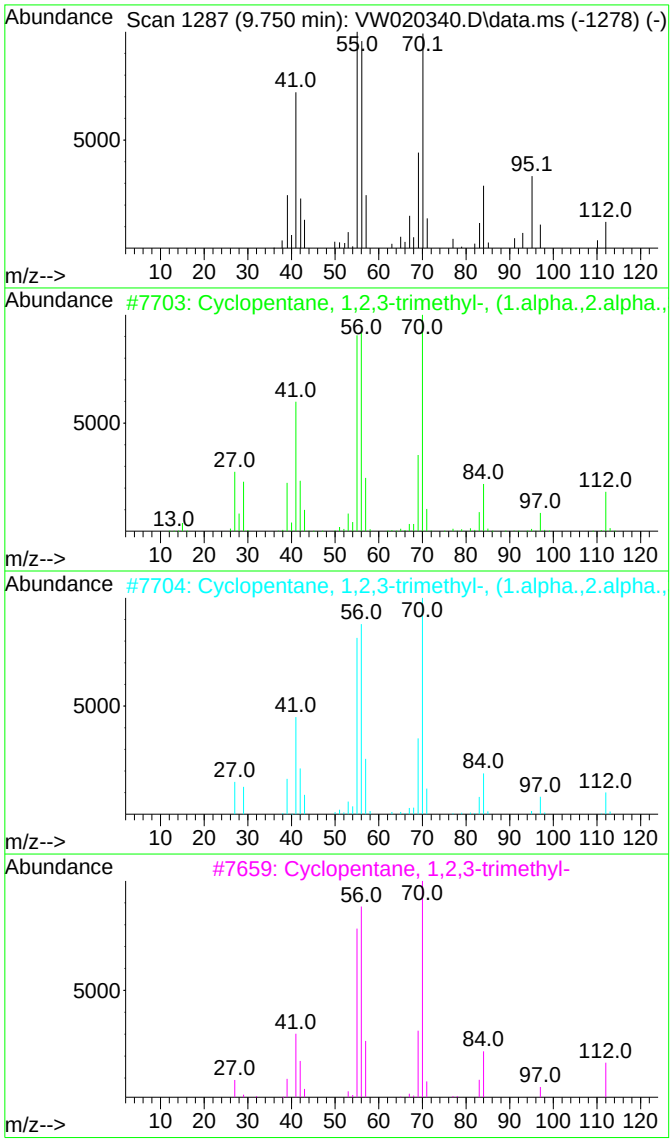
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

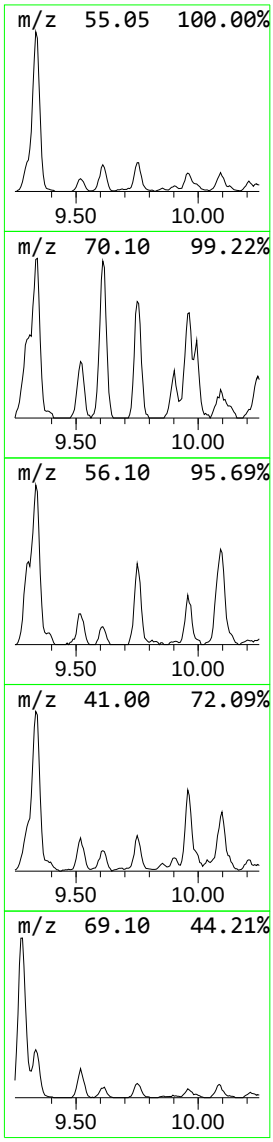
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.750 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	1.83 ug/L	44942	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	80
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

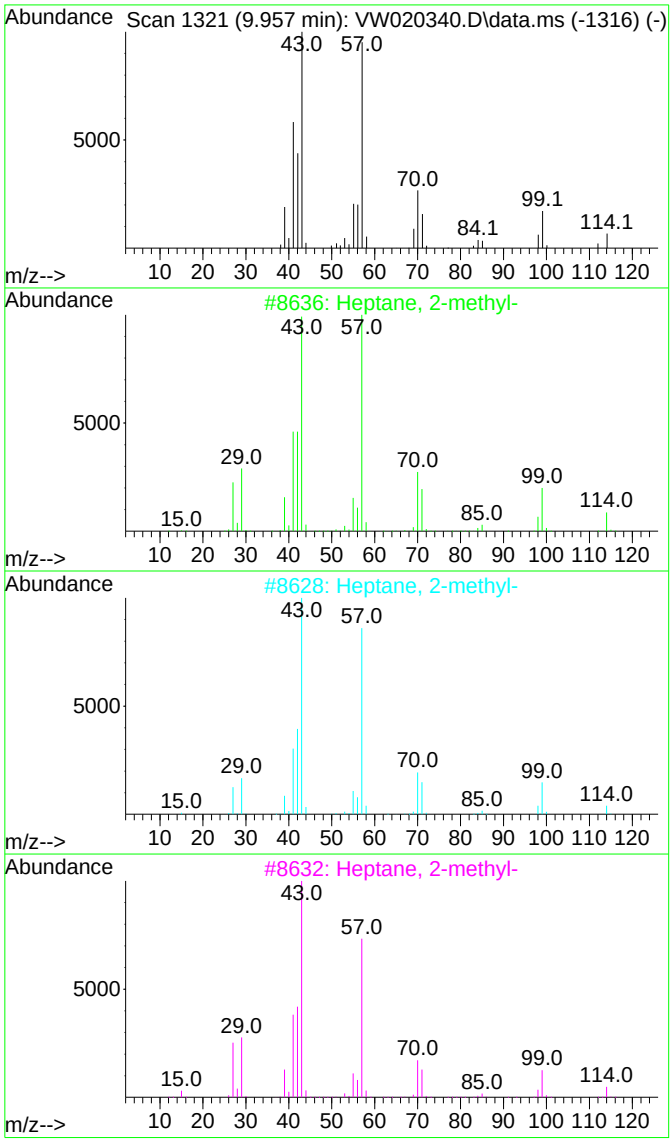
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

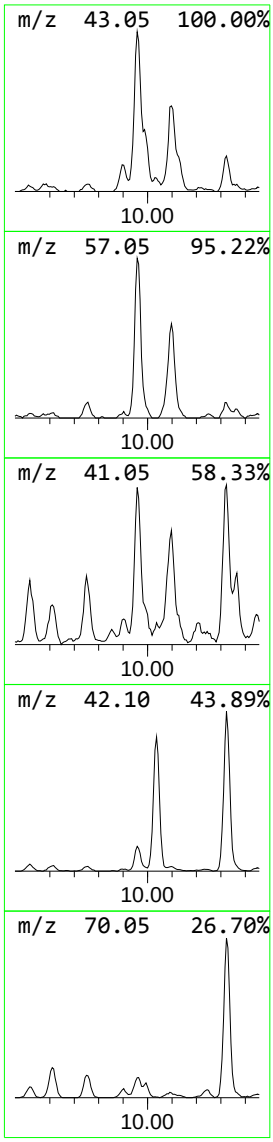
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	2.84 ug/L	69614	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

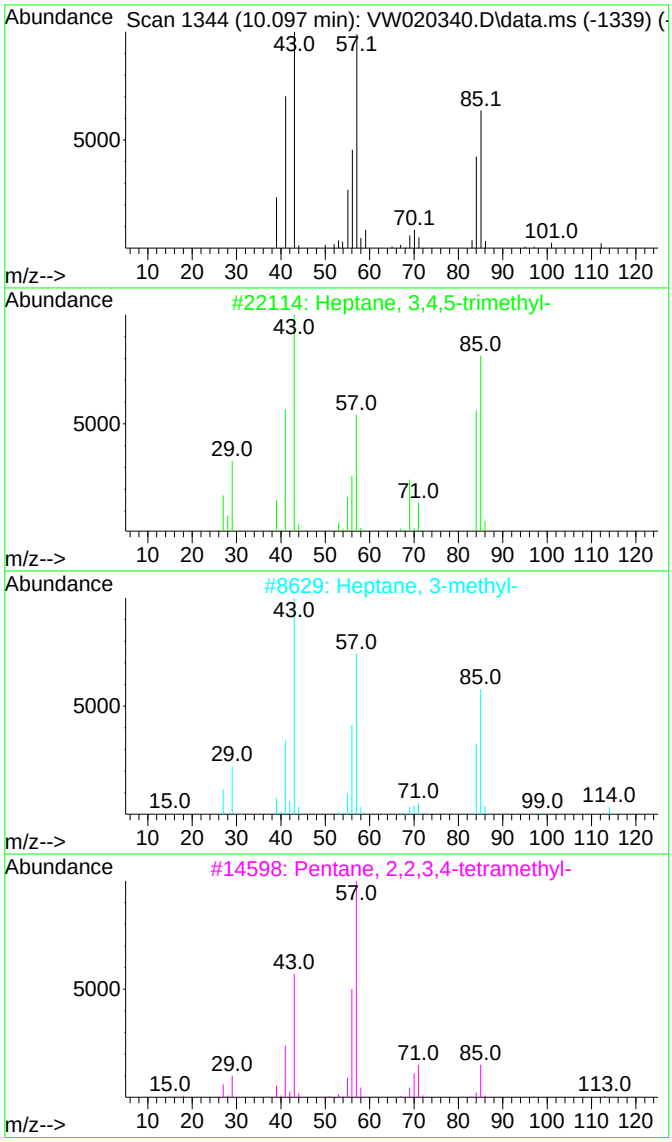
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

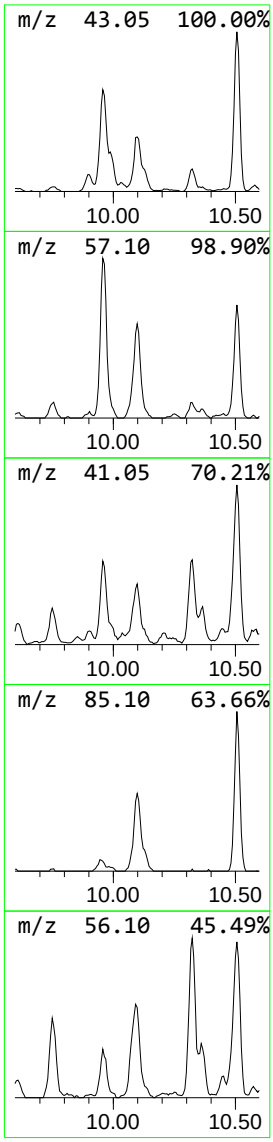
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	2.73 ug/L	67067	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	53





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Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

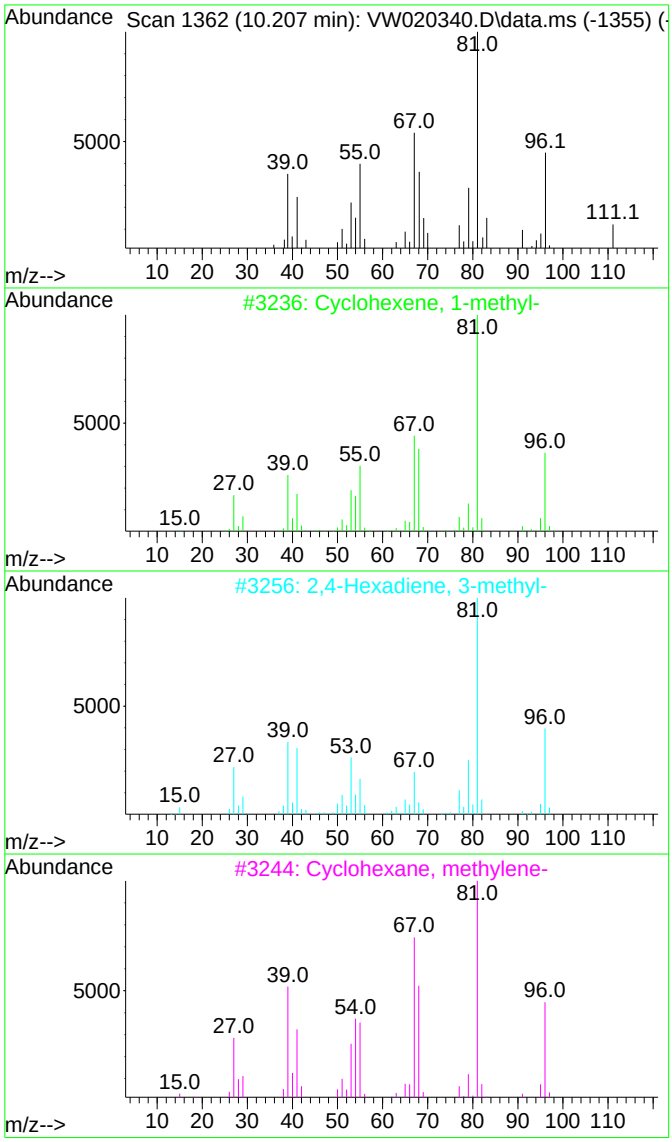
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

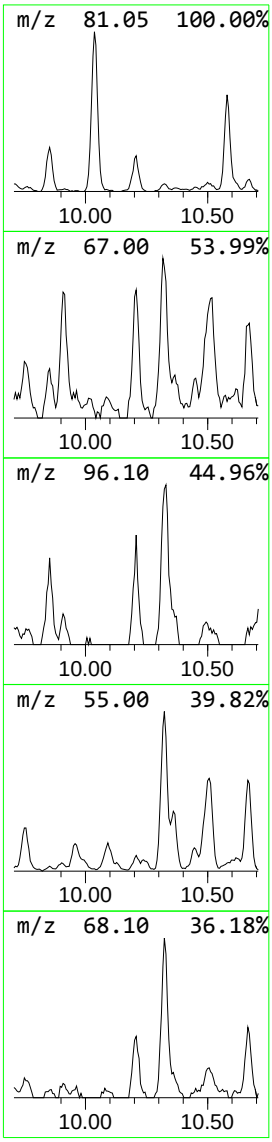
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.207	1.29 ug/L	31581	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	92
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	81
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	72
5	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

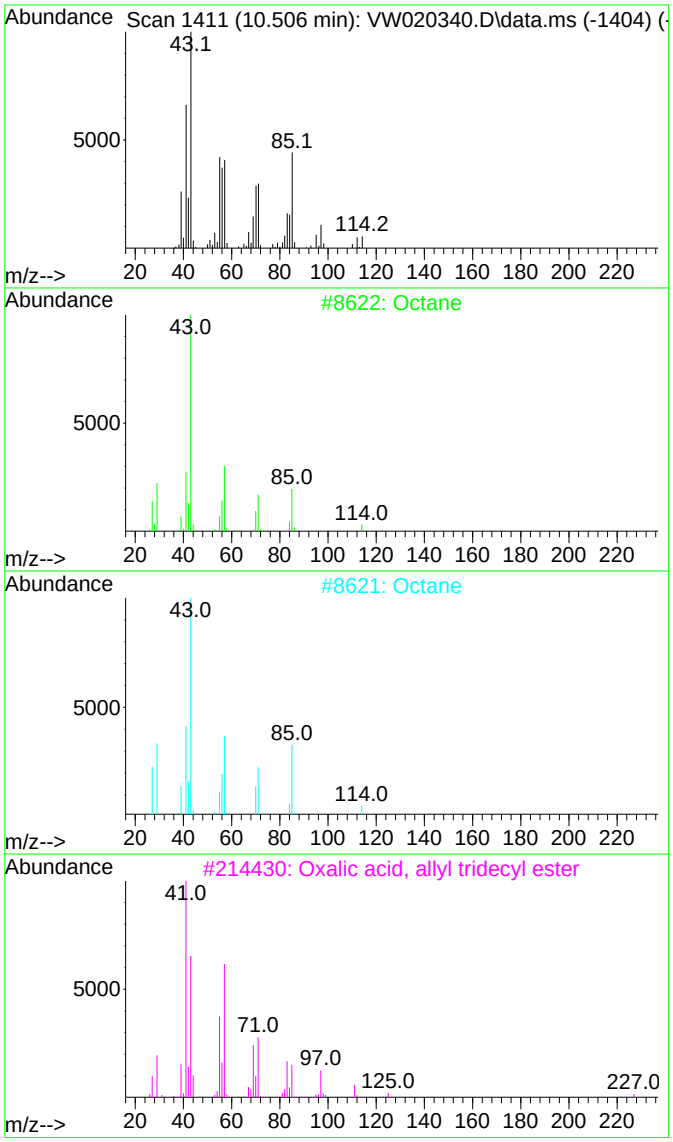
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

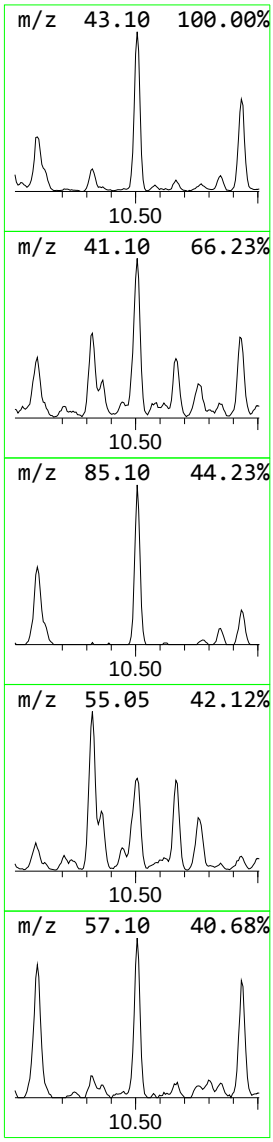
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	7.37 ug/L	147441	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Octane	114	C8H18	000111-65-9	64
3	Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	59
4	Octane	114	C8H18	000111-65-9	52
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

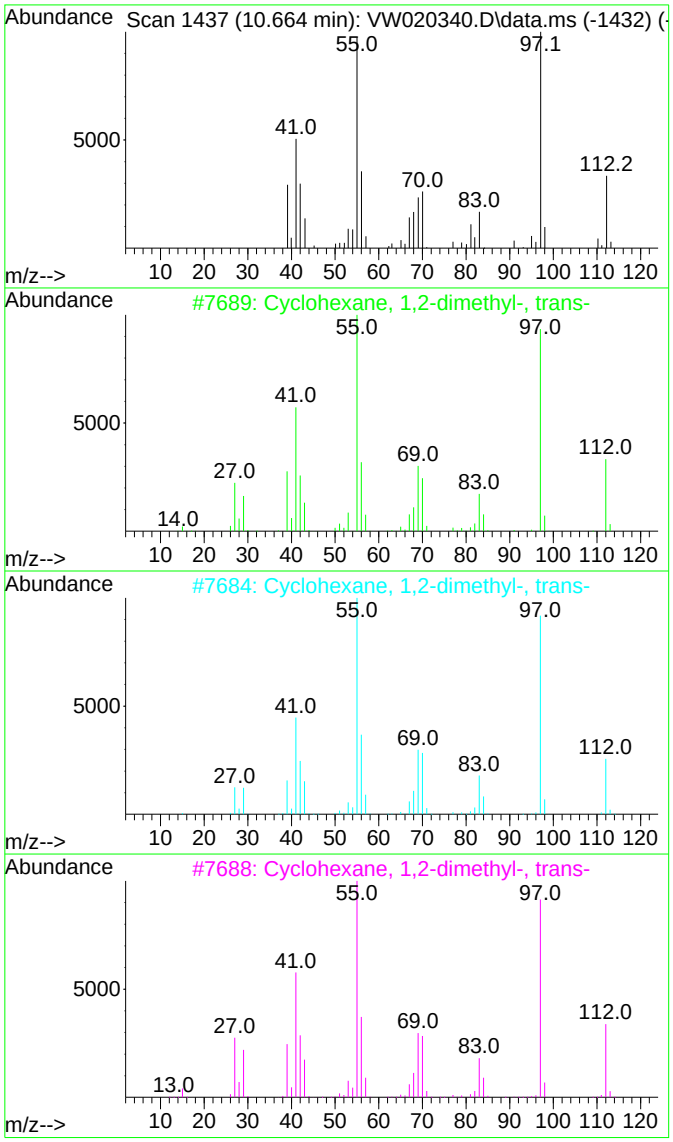
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

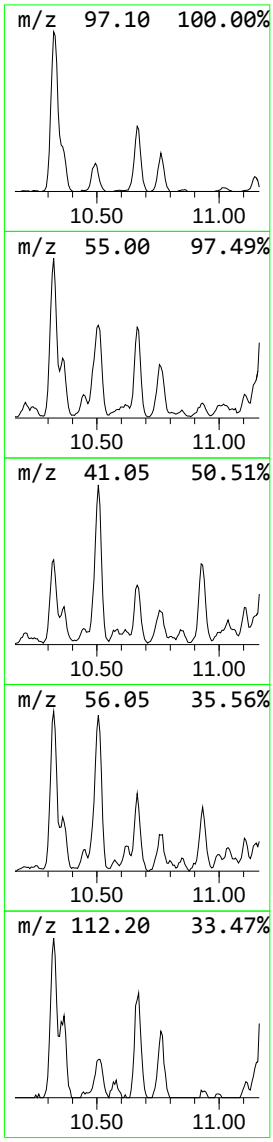
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.664 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	3.12 ug/L	62350	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

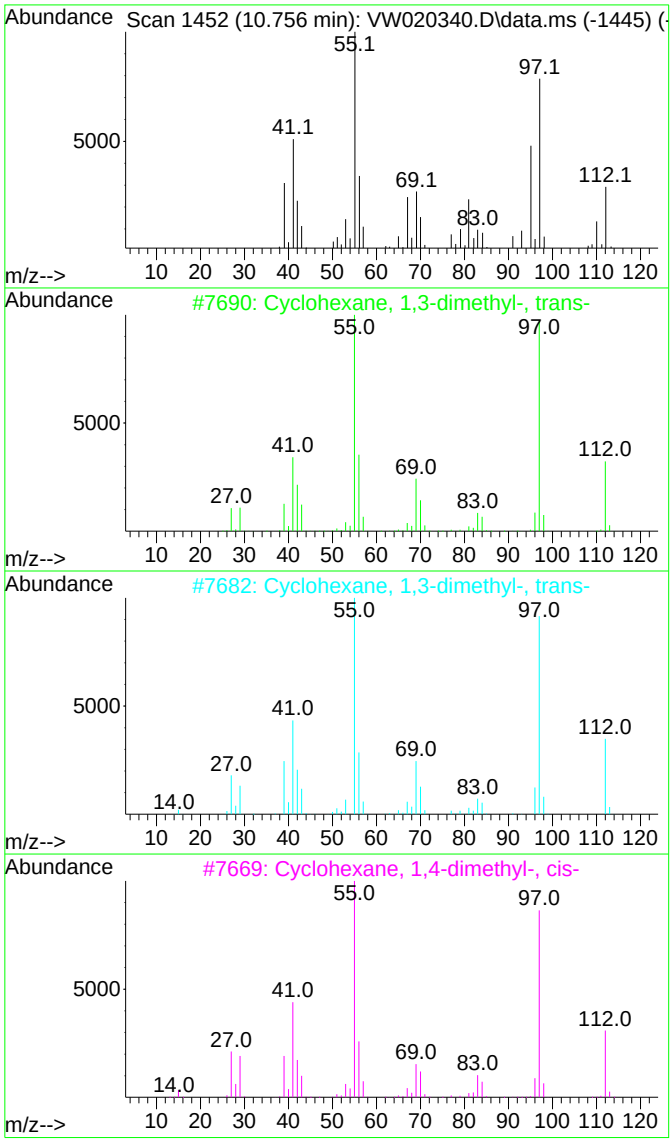
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

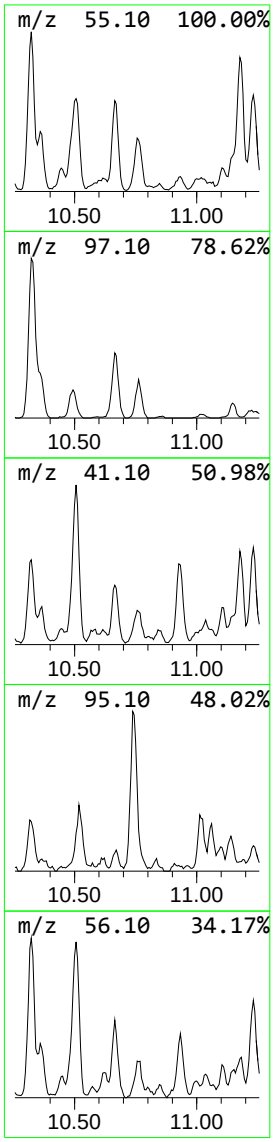
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.756 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	2.54 ug/L	50739	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	70
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

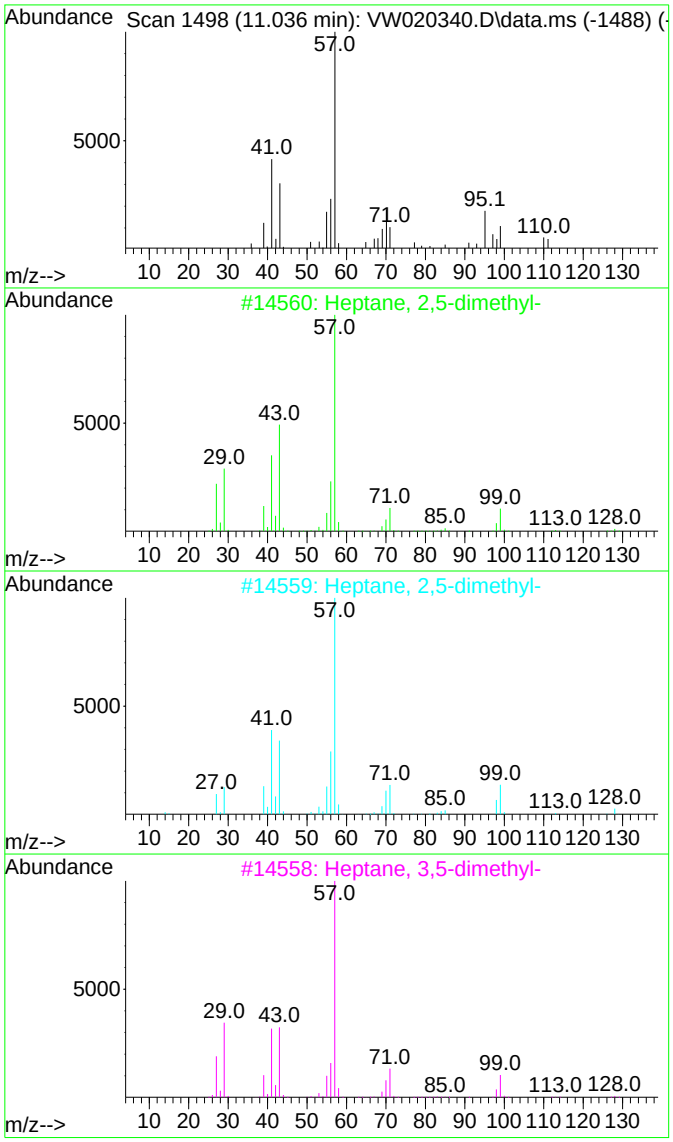
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

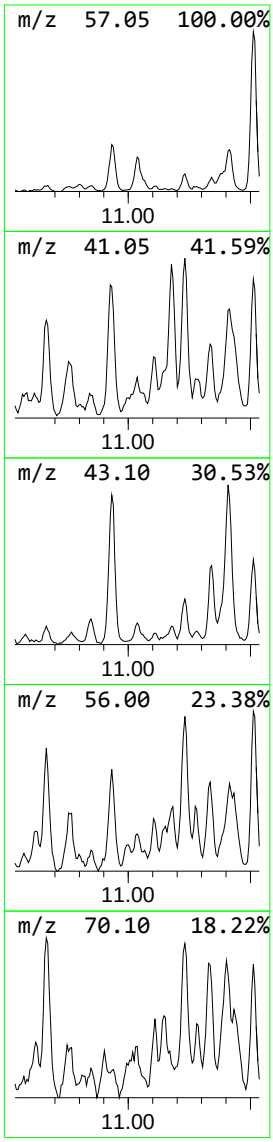
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	1.32 ug/L	26402	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

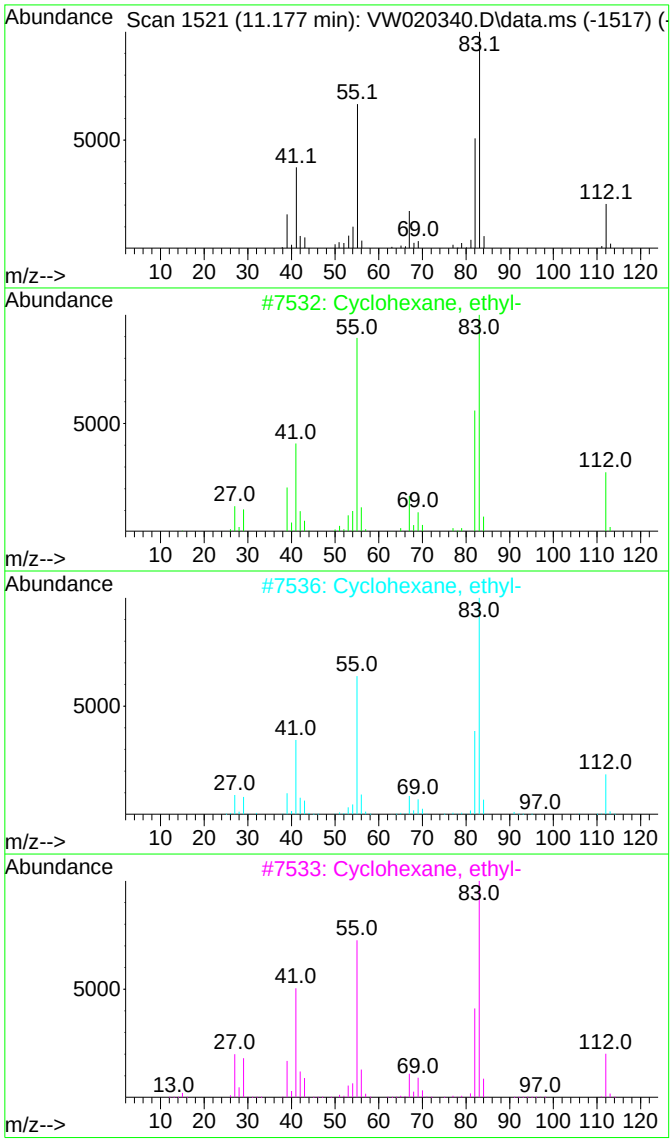
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

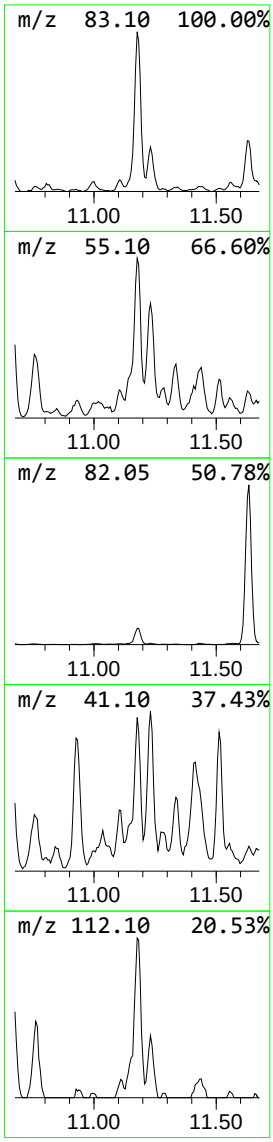
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic11.177 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	2.90 ug/L	57955	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
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	64
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

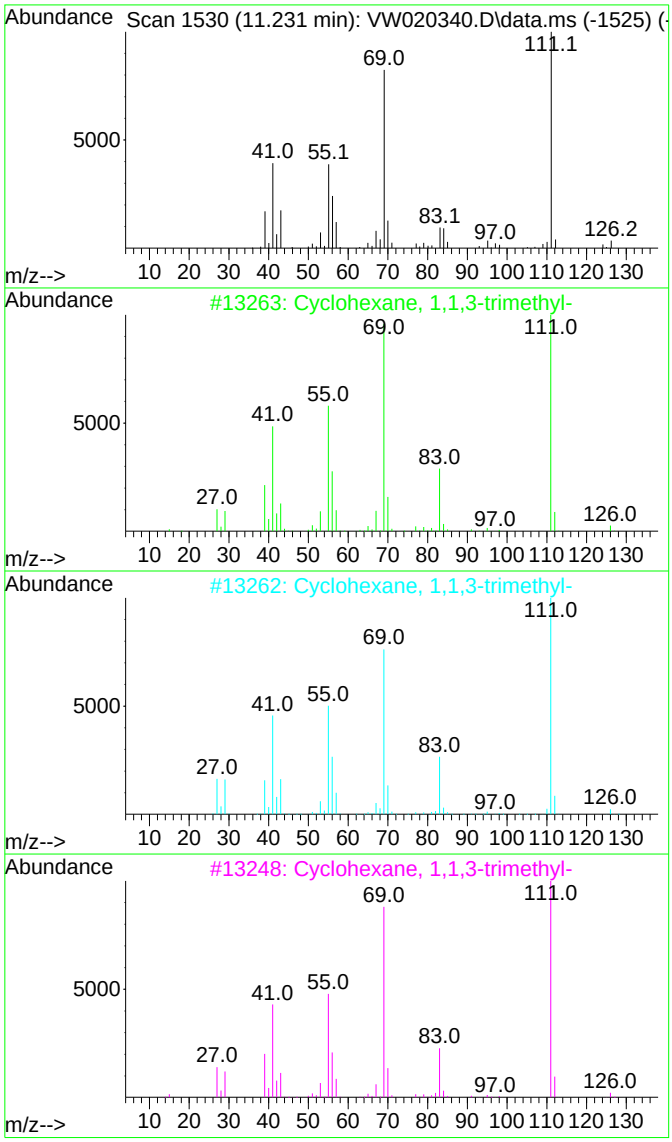
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

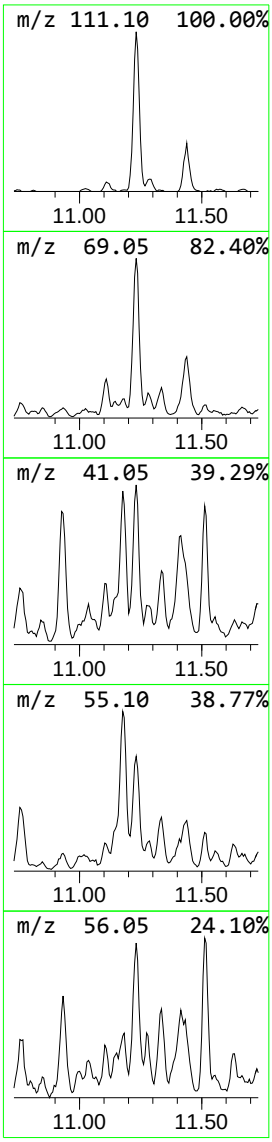
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic11.231 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	4.47 ug/L	89501	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

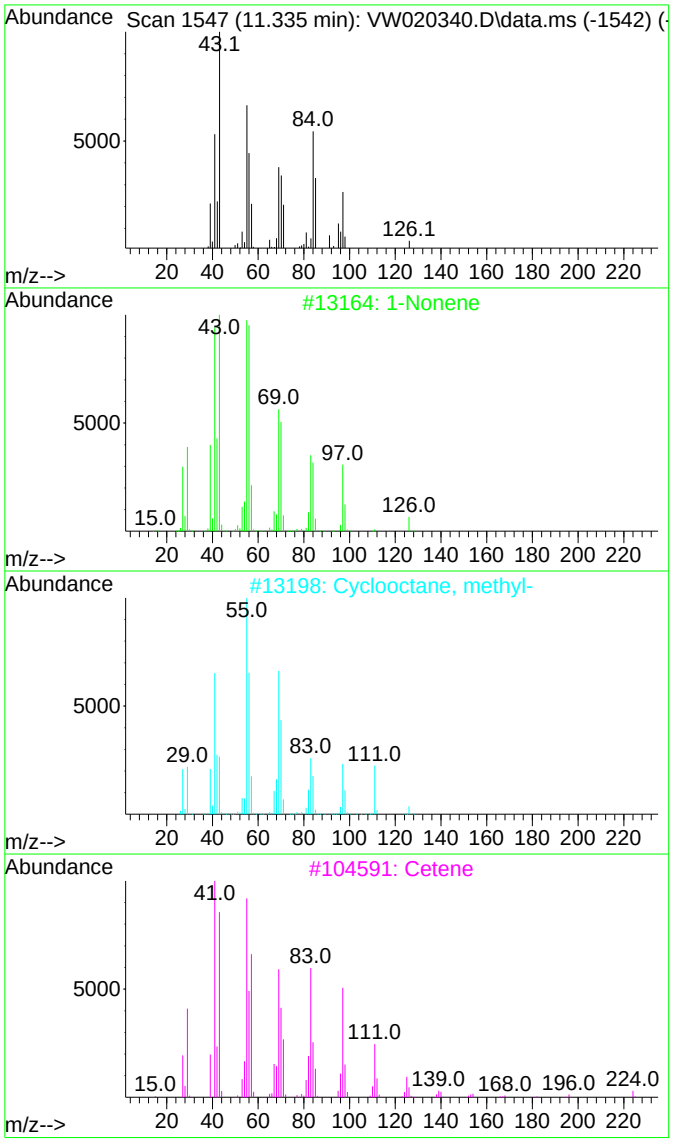
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

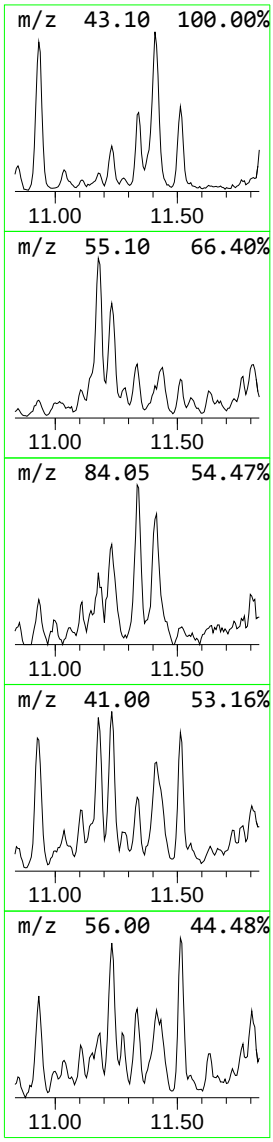
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	1.93 ug/L	38555	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene	126	C9H18	000124-11-8	46
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	46
3	Cetene	224	C16H32	000629-73-2	43
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	38
5	Cyclopentanone	84	C5H8O	000120-92-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

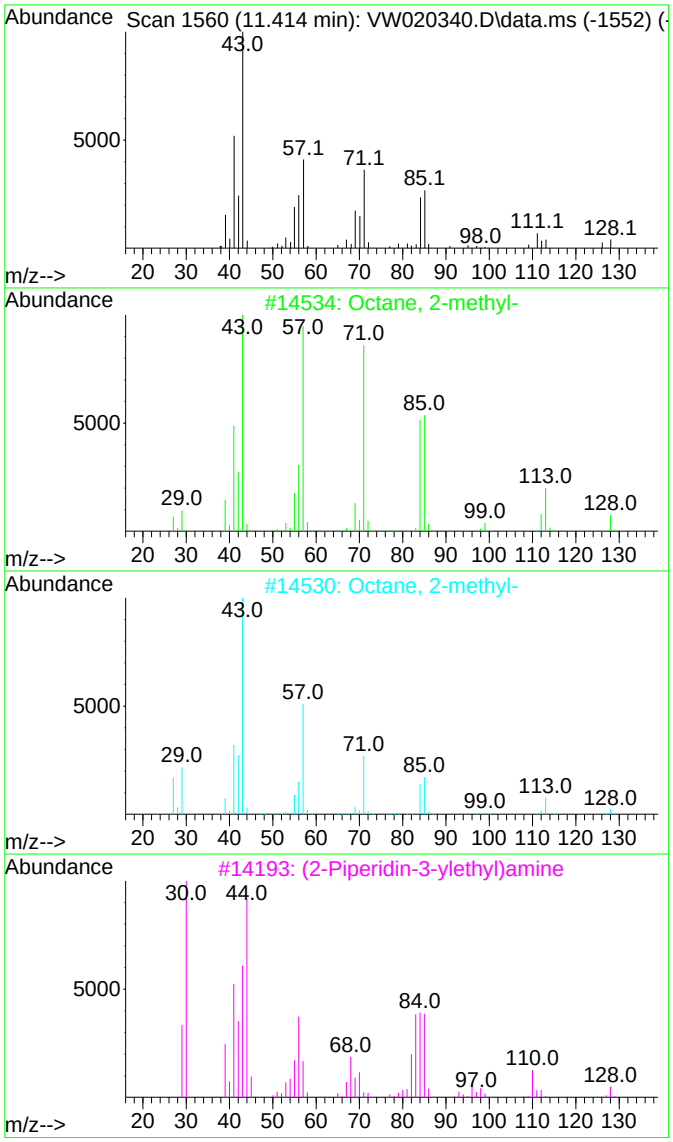
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

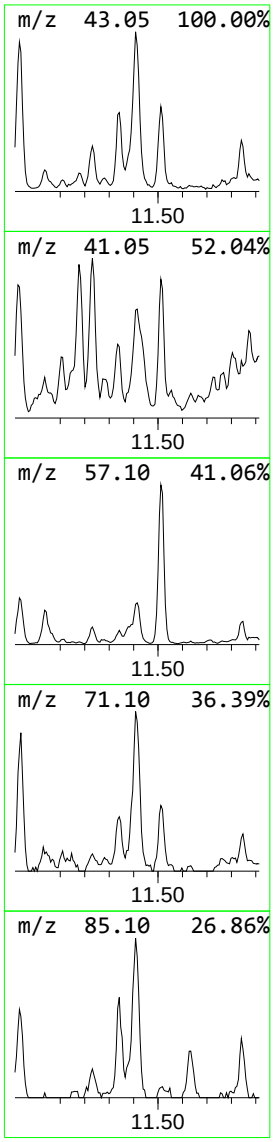
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.414	4.82 ug/L	96522	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	58
2	Octane, 2-methyl-	128	C9H20	003221-61-2	58
3	(2-Piperidin-3-ylethyl)amine	128	C7H16N2	089850-94-2	53
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	50
5	Nonane	128	C9H20	000111-84-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

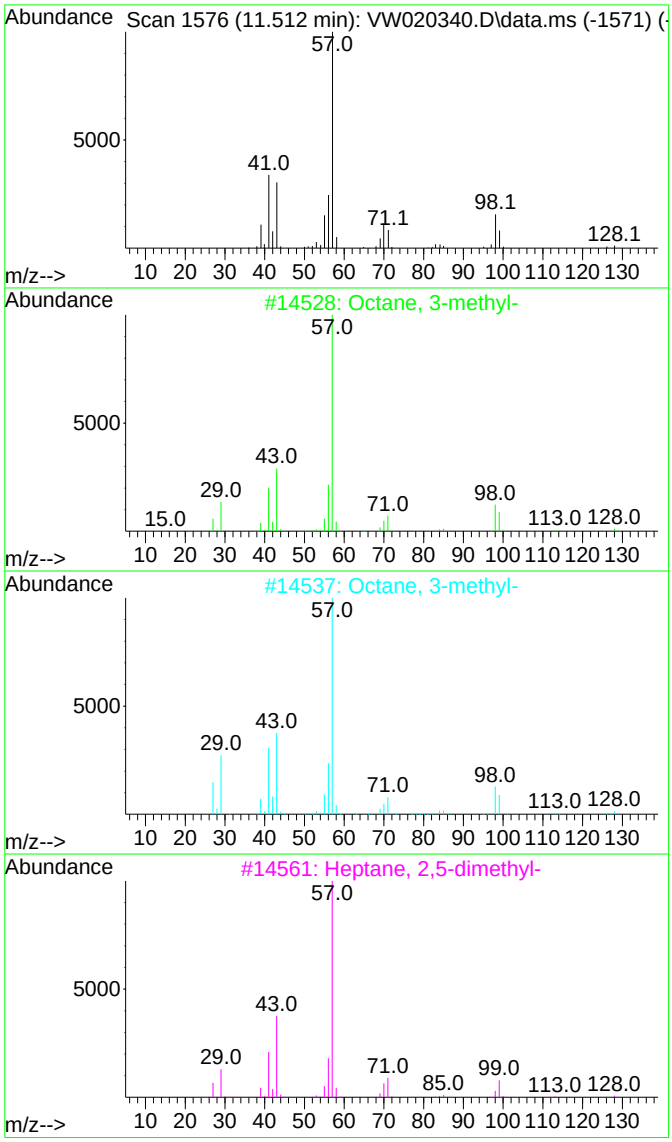
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

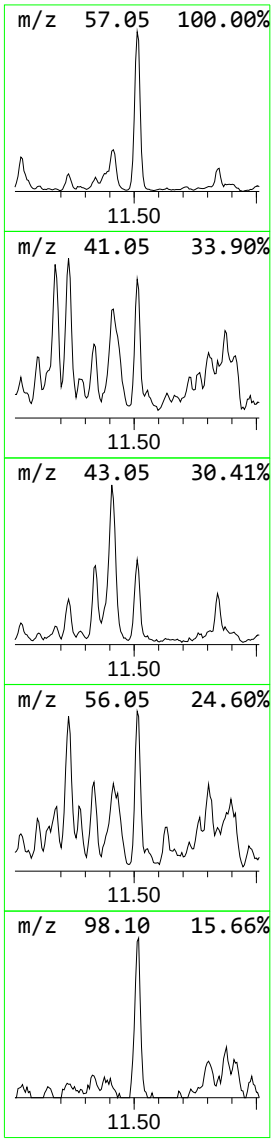
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	2.88 ug/L	57711	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

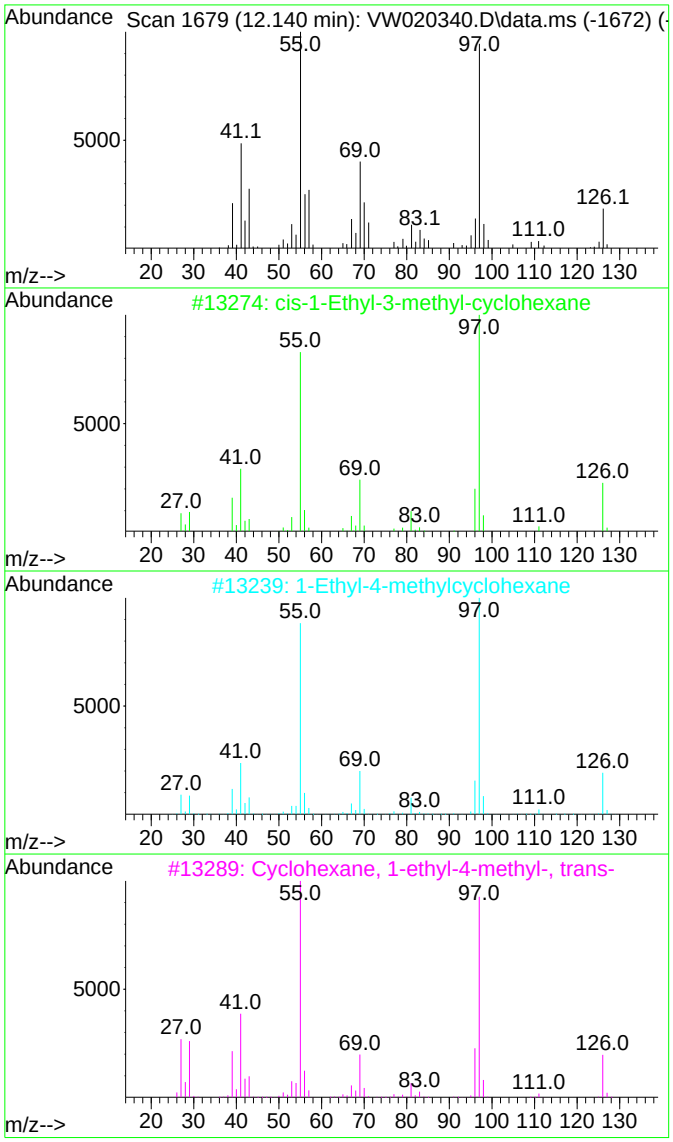
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

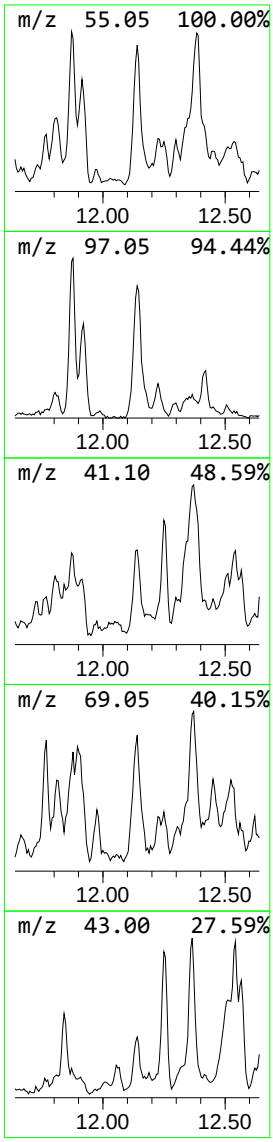
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic12.140 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	4.11 ug/L	82140	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	70
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	68
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

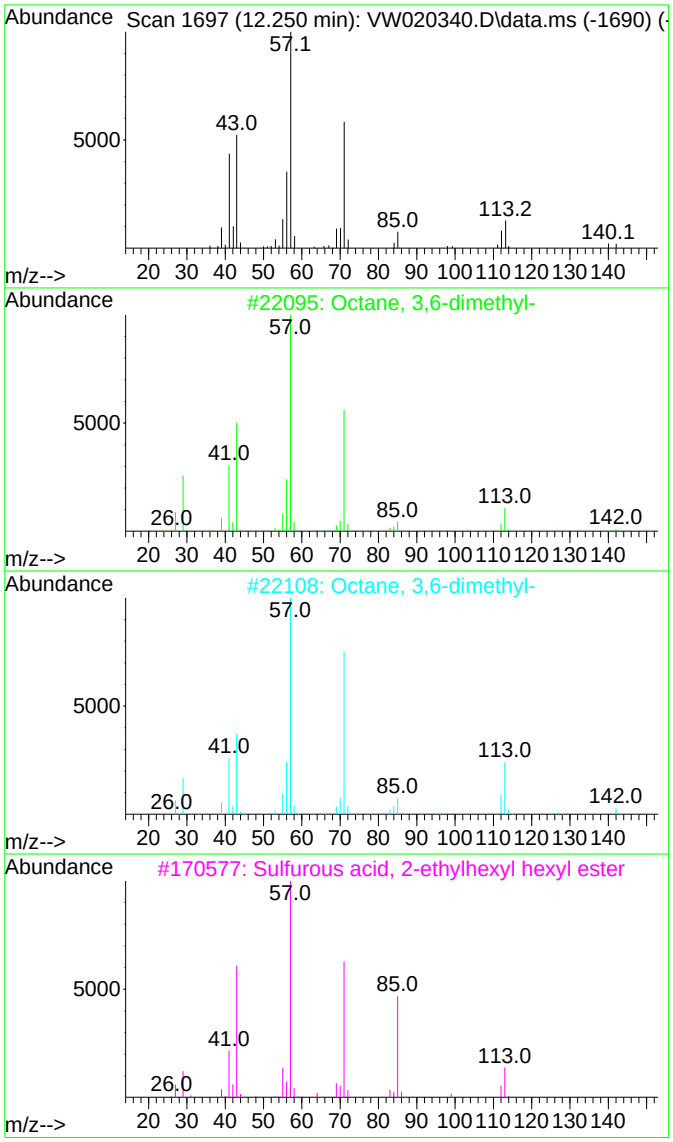
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

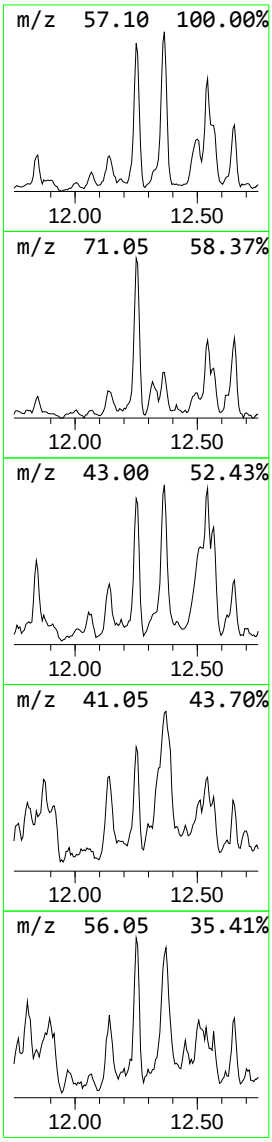
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	2.89 ug/L	57763	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

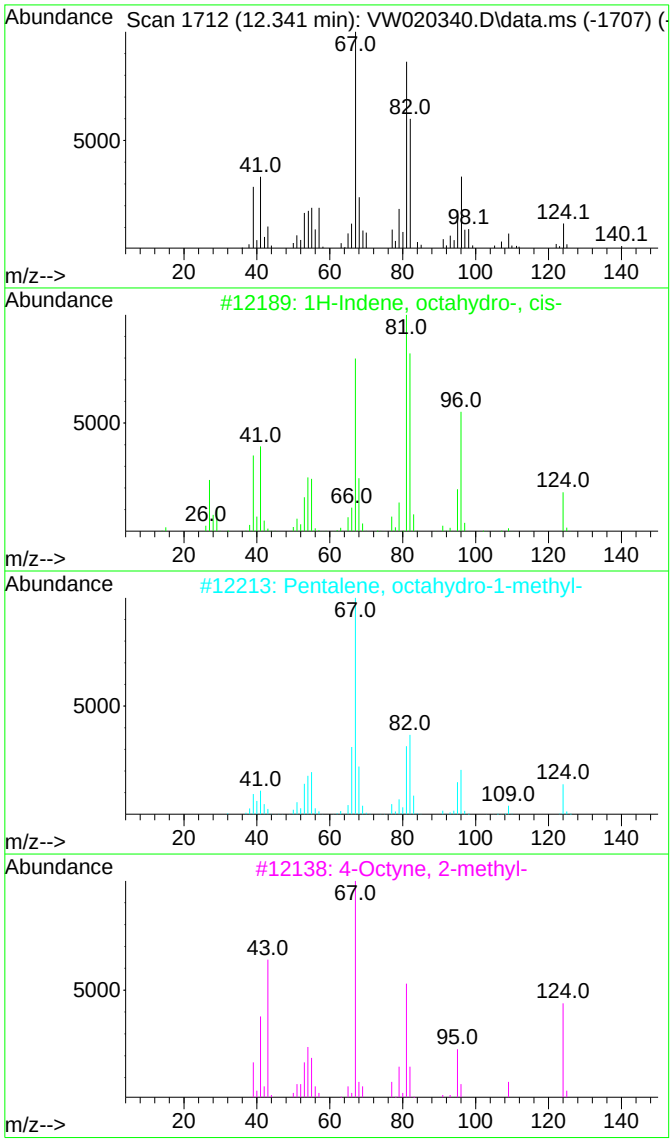
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

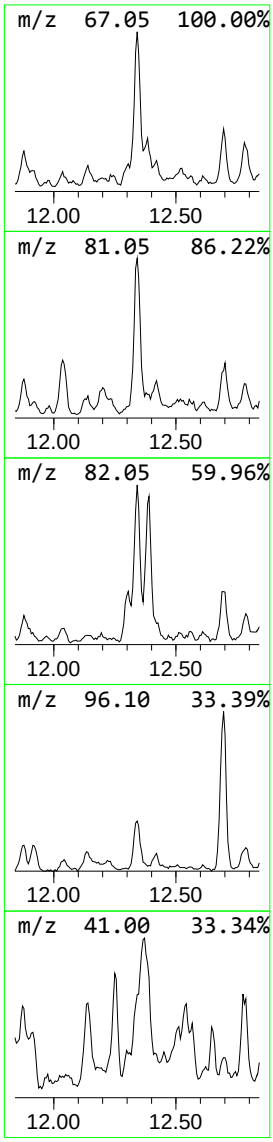
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, octahydro-, cis- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	2.44 ug/L	48847	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
2	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	52
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	52
4	1-Dodecyne	166	C12H22	000765-03-7	50
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

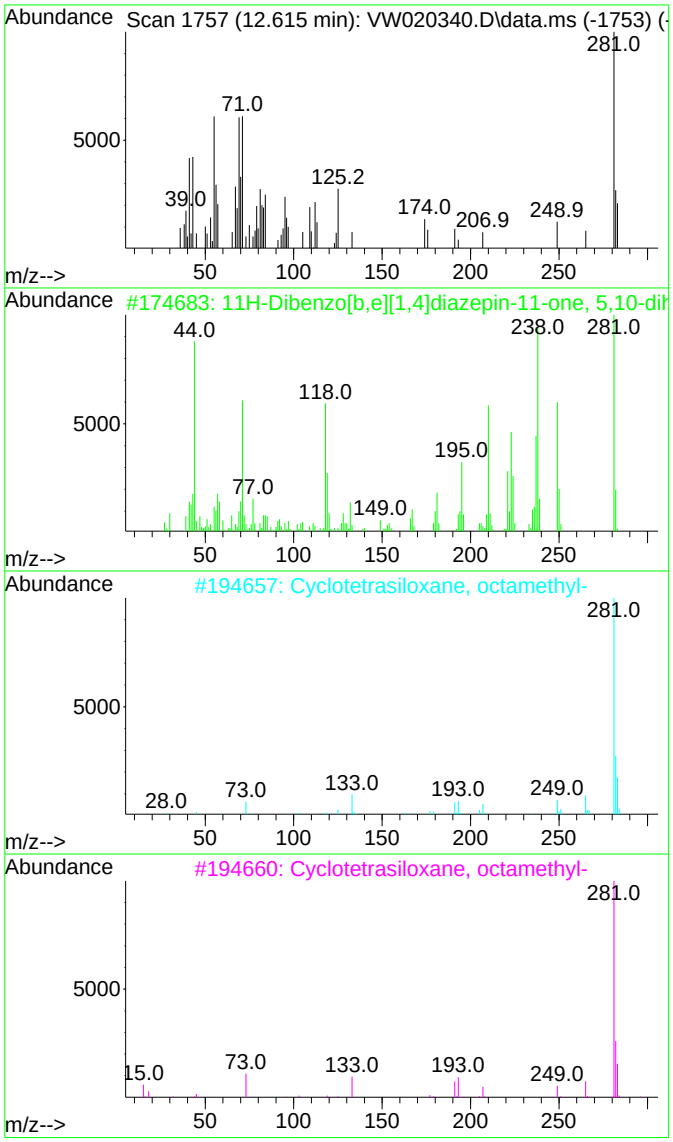
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

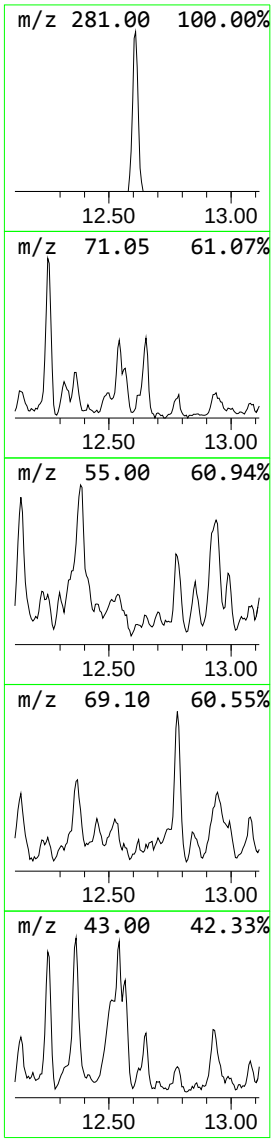
****

Peak Number 28 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	1.34 ug/L	12188	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	281	C17H19N3O	013450-70-9	32
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	27
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	25
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	25
5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

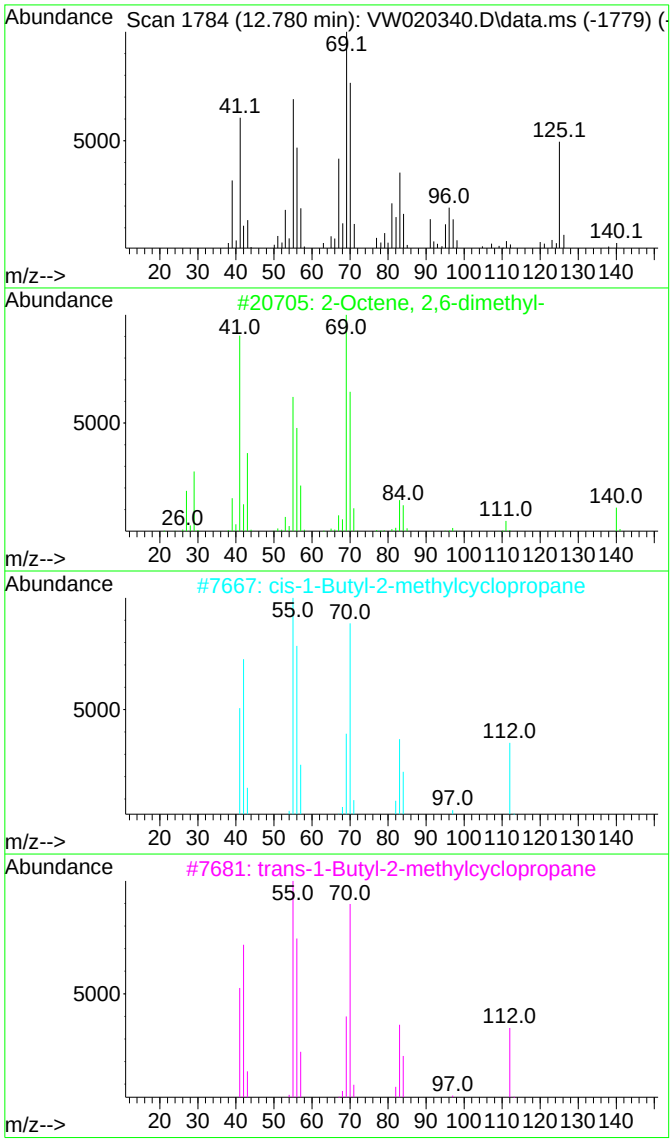
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

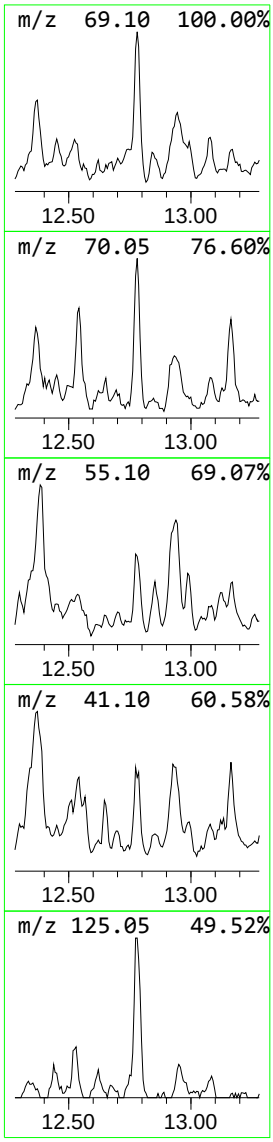
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	8.19 ug/L	74661	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
5	3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

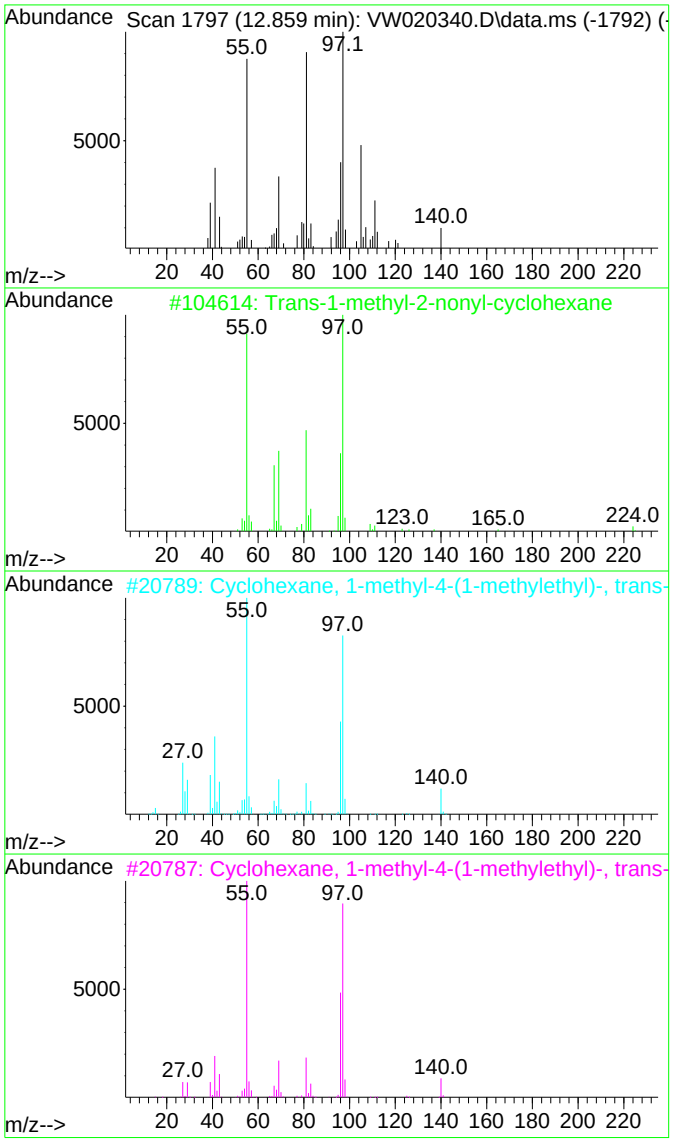
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

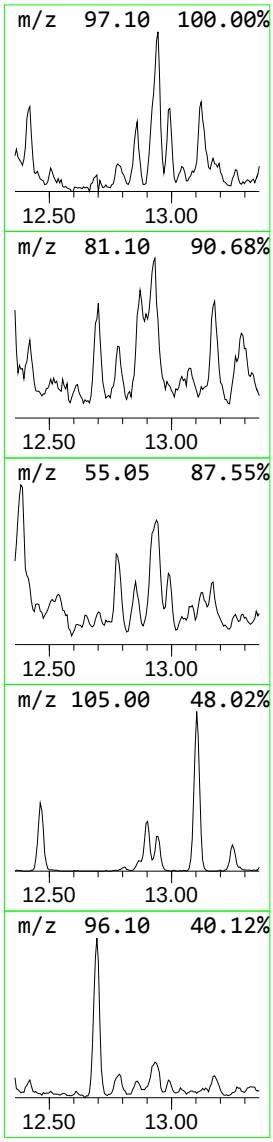
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic12.859 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.81 ug/L	16487	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	47
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

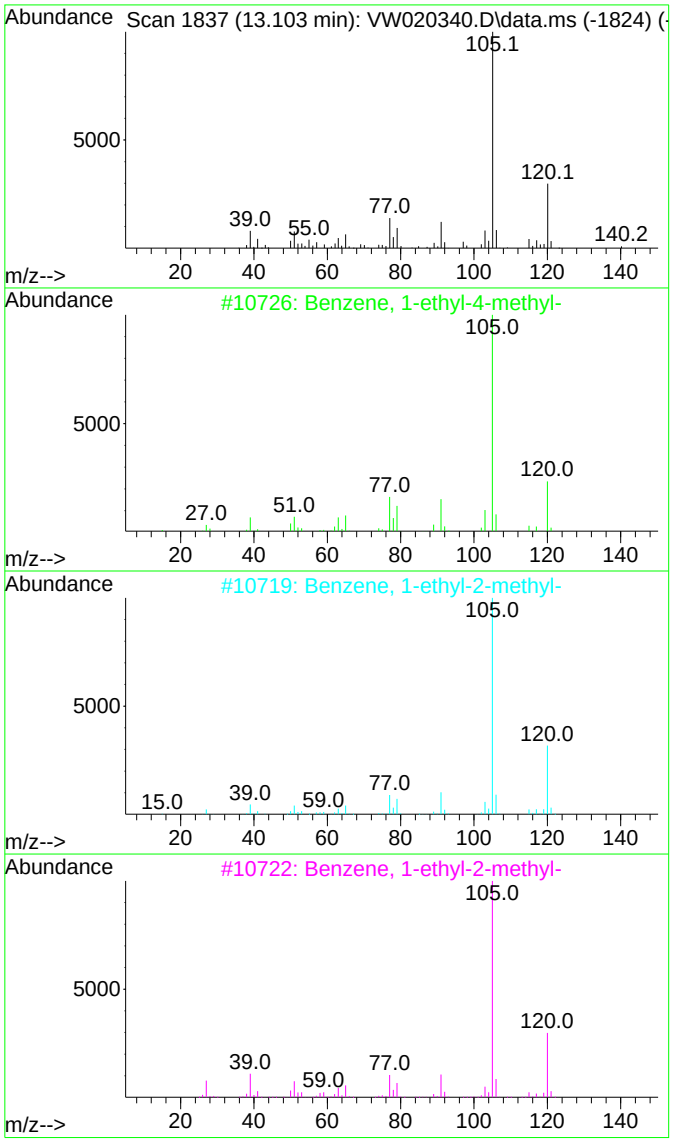
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

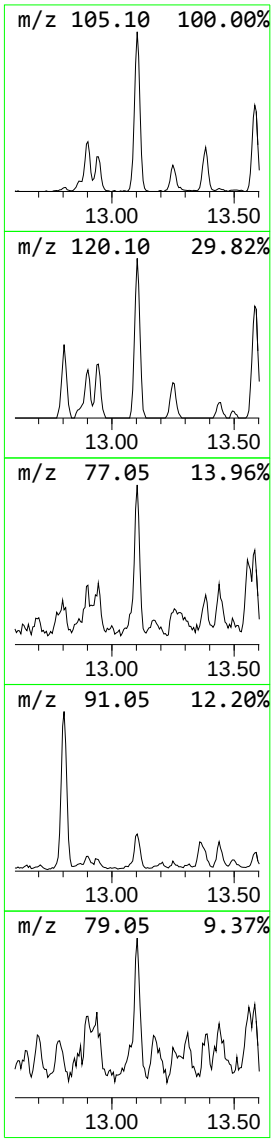
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	11.76 ug/L	107198	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

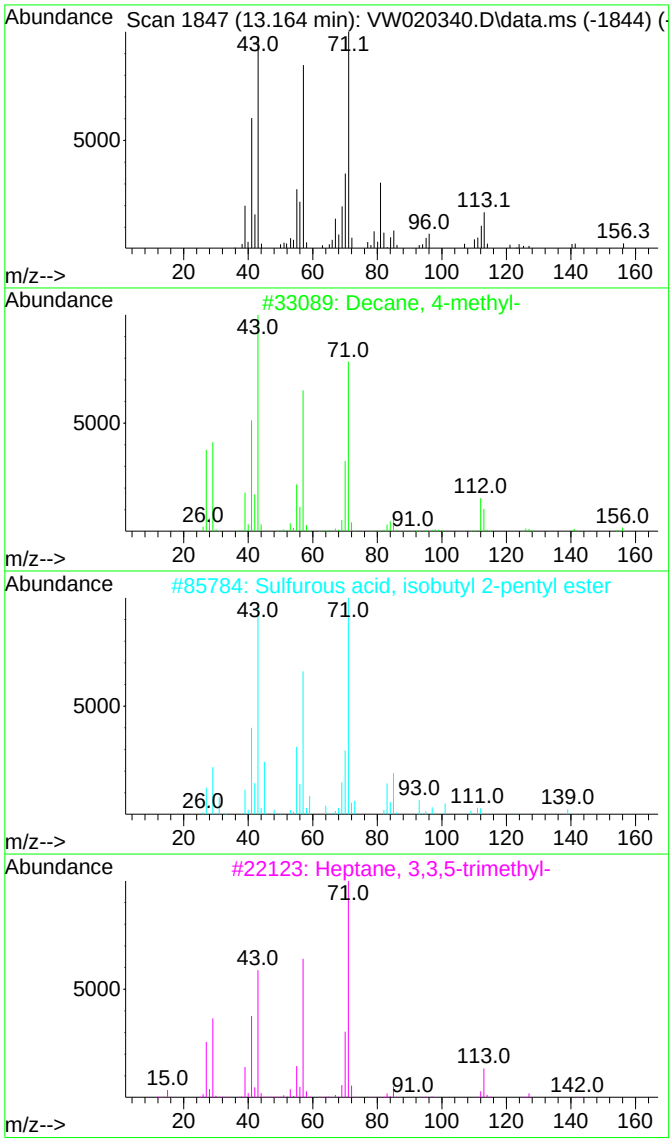
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

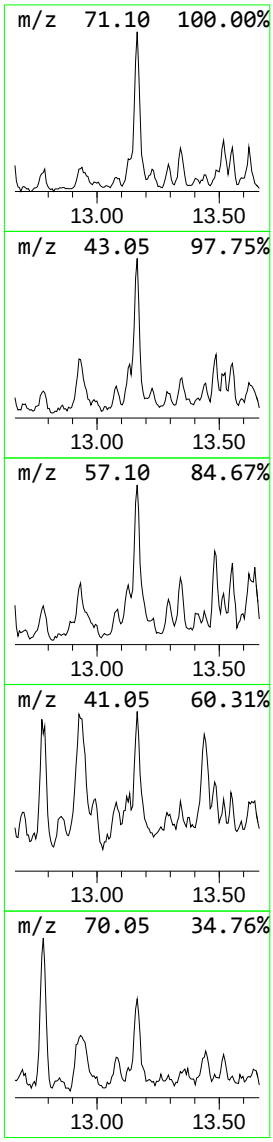
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	6.23 ug/L	56769	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	81
2	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	72
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

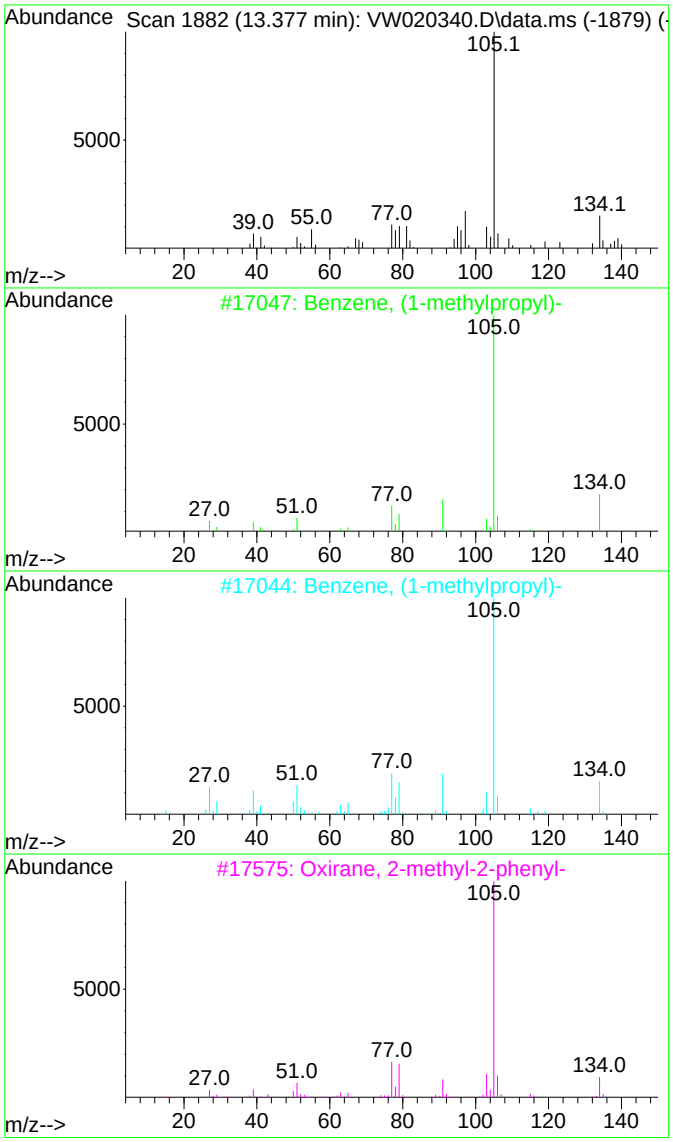
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

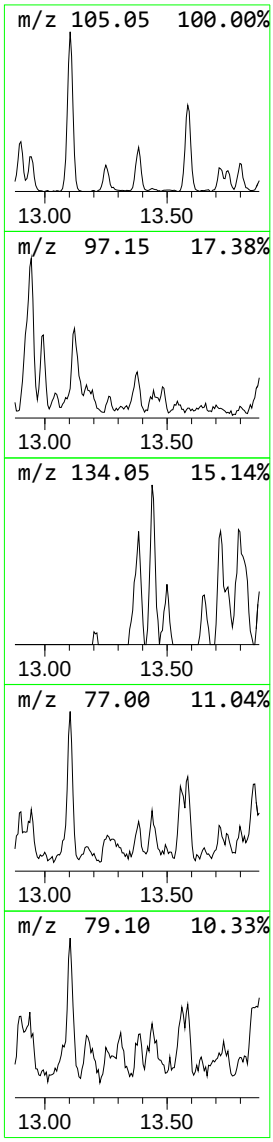
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	1.38 ug/L	12618	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-methylpropyl)-	134	C10H14	000135-98-8	43
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	43
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

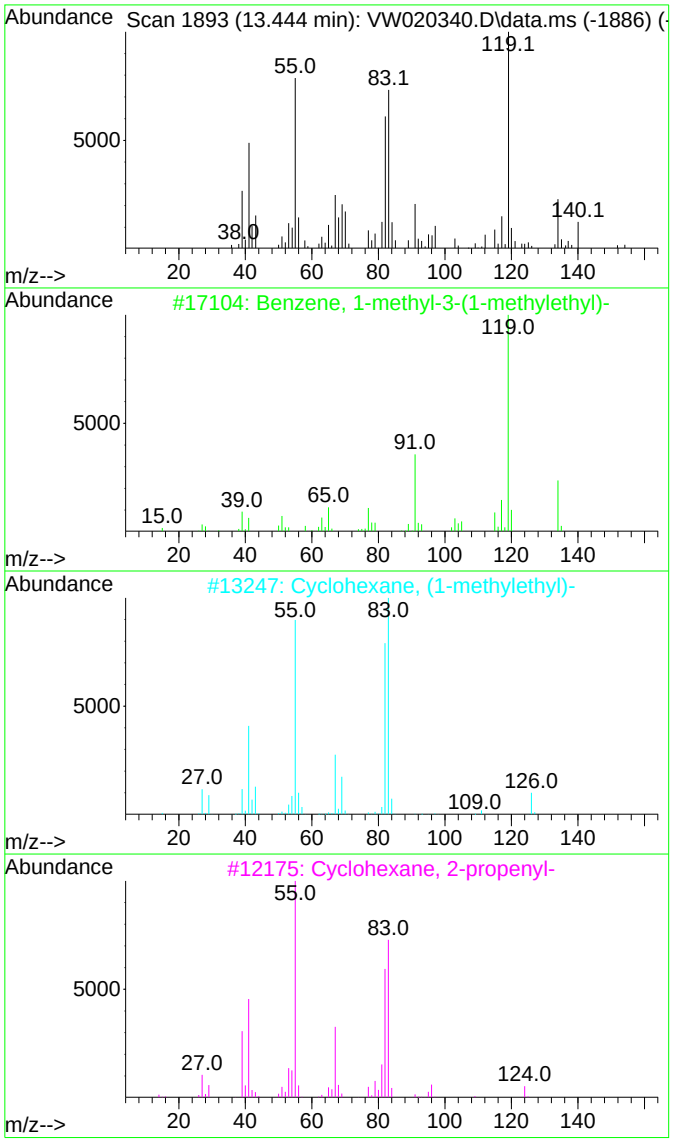
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

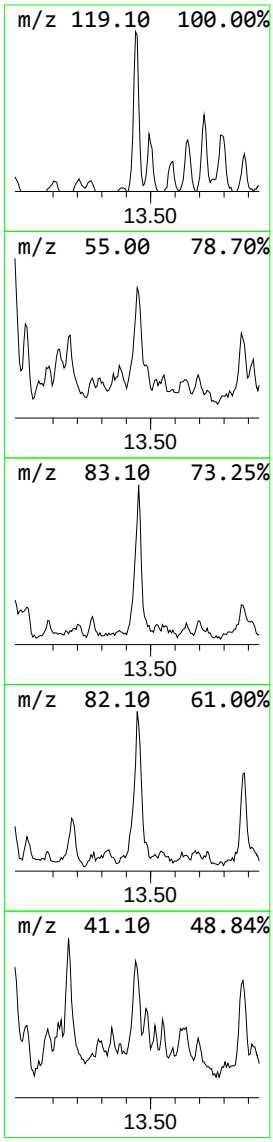
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	6.48 ug/L	59076	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	55
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
5	o-Cymene	134	C10H14	000527-84-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

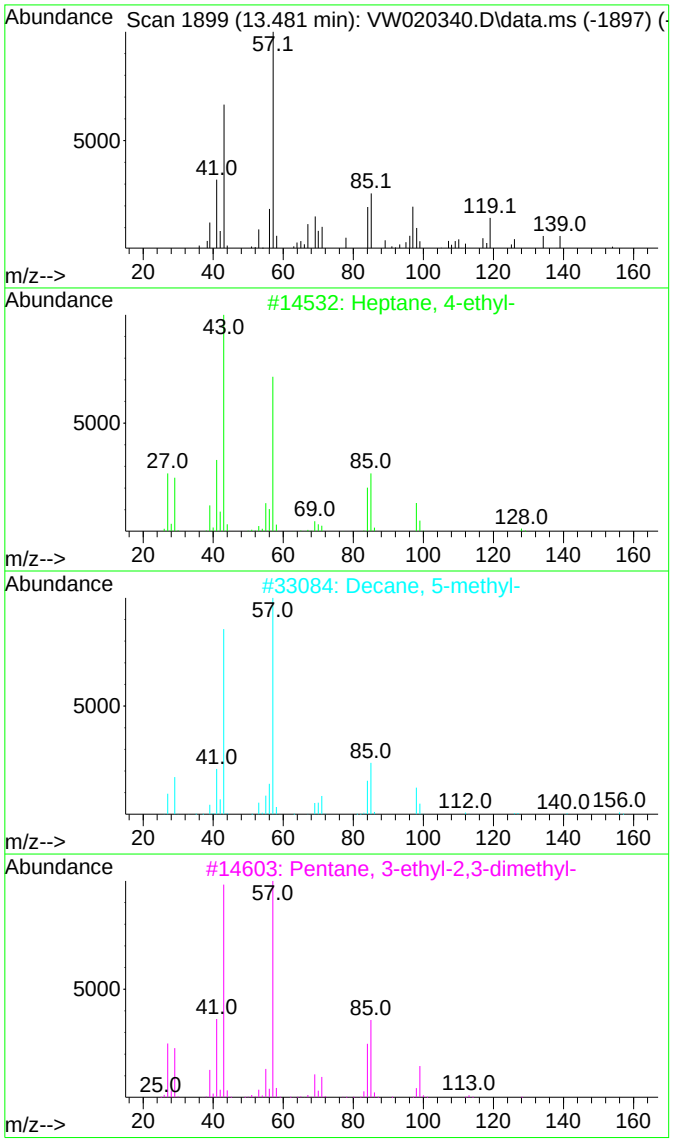
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

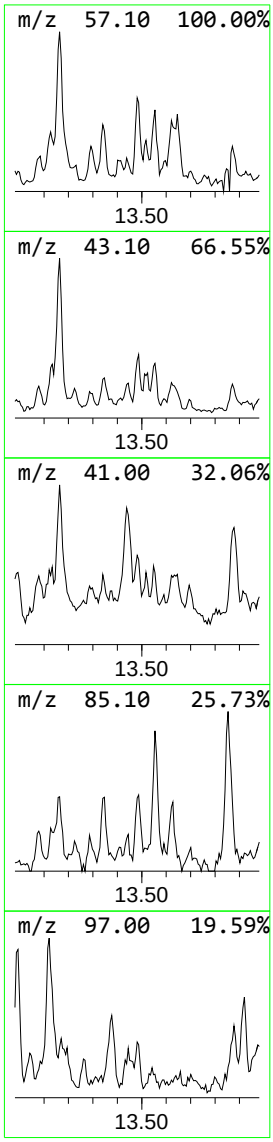
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	1.25 ug/L	11404	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
2	Decane, 5-methyl-	156	C11H24	013151-35-4	43
3	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	38
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	37
5	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

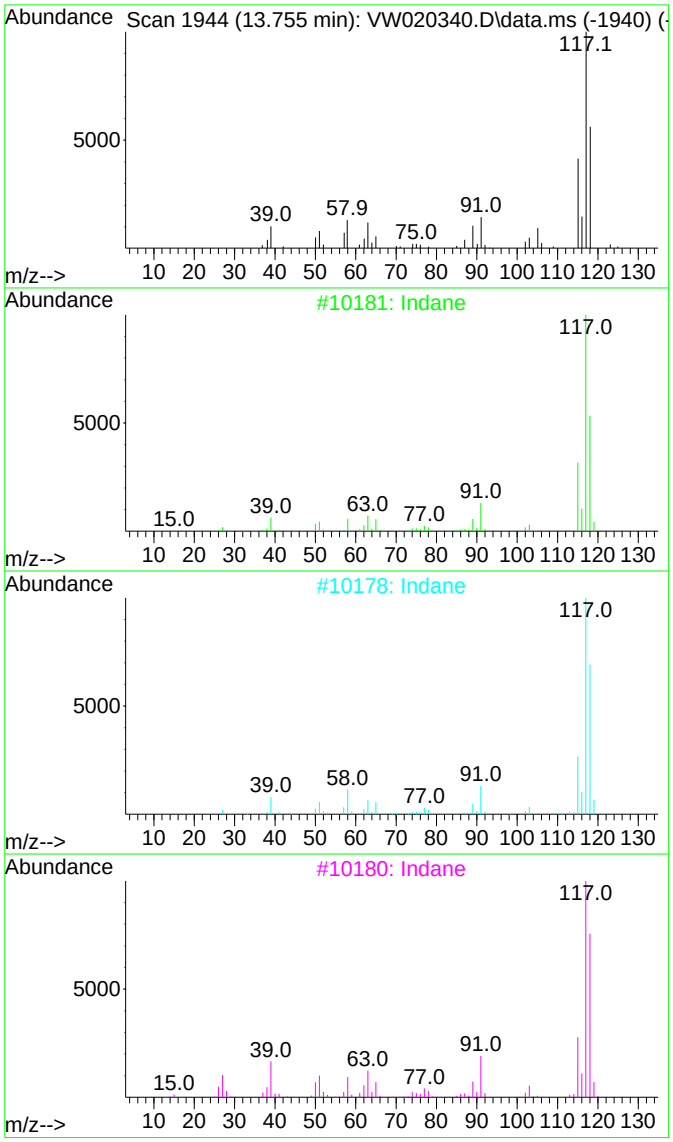
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

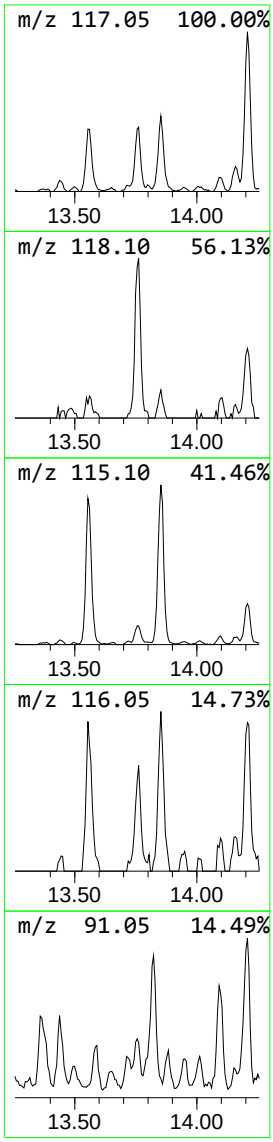
****

Peak Number 36 Indane Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	2.02 ug/L	18403	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	70
3	Indane	118	C9H10	000496-11-7	70
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

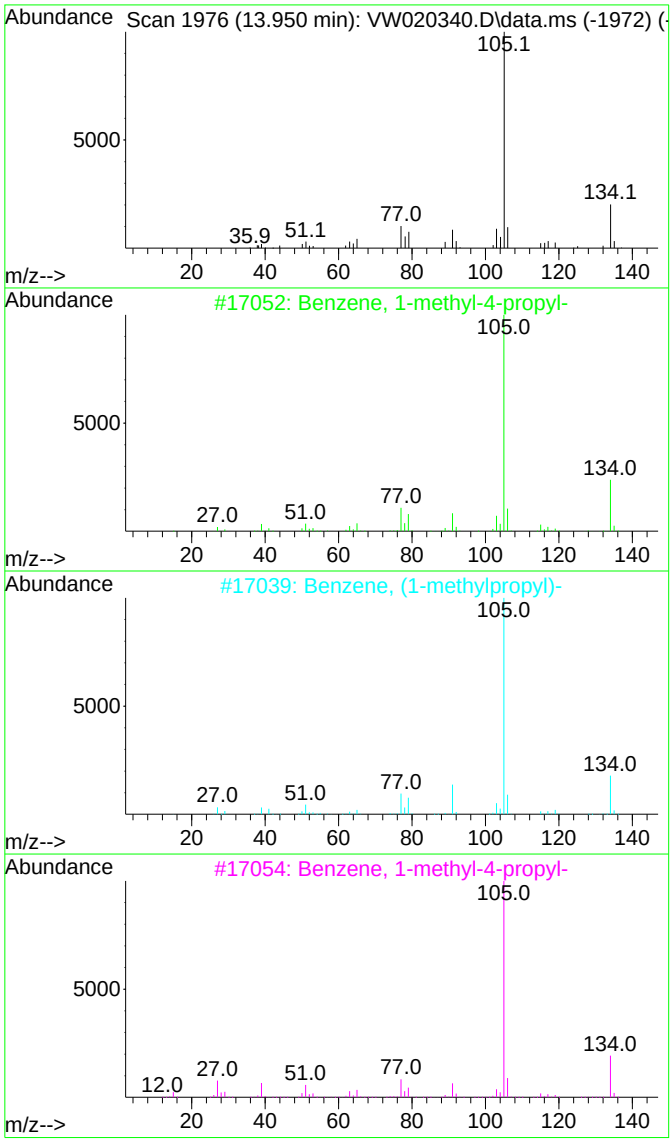
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

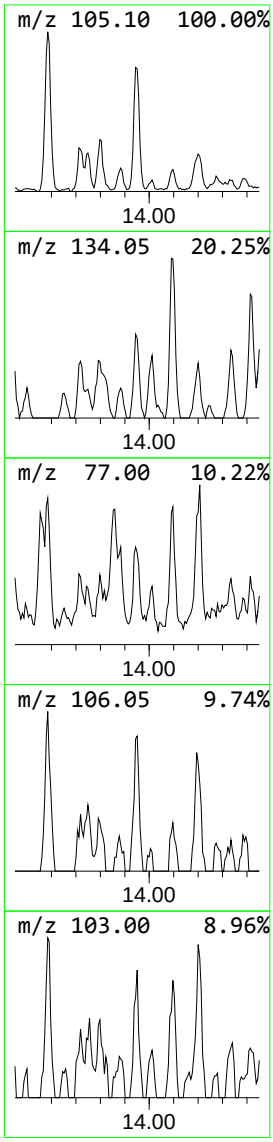
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	2.00 ug/L	18222	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	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

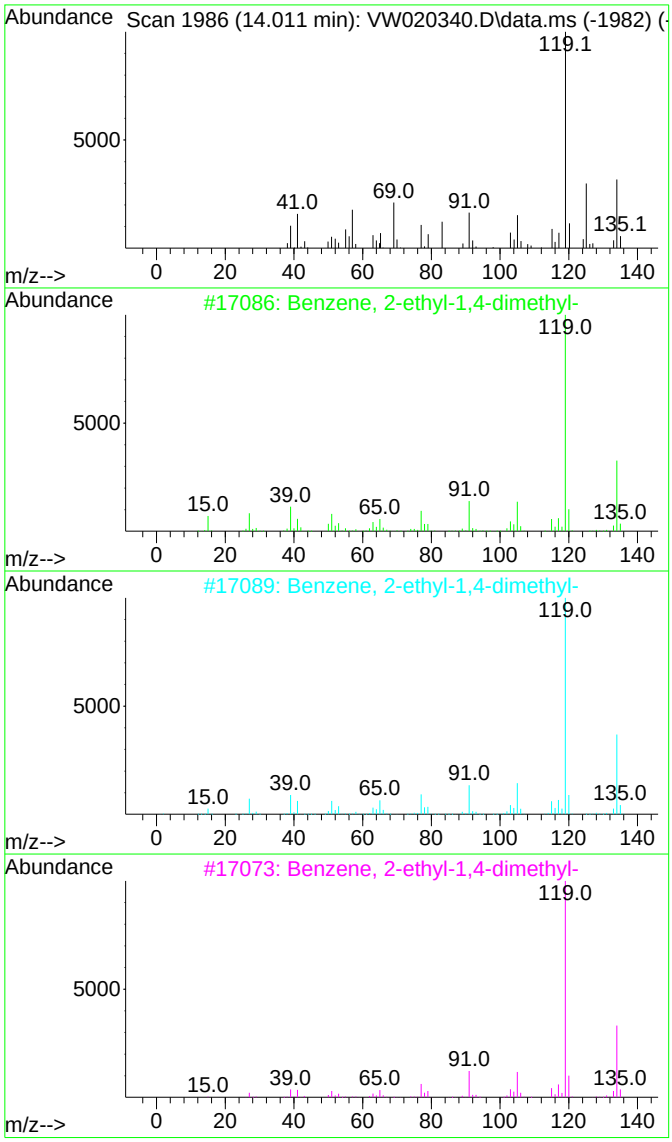
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

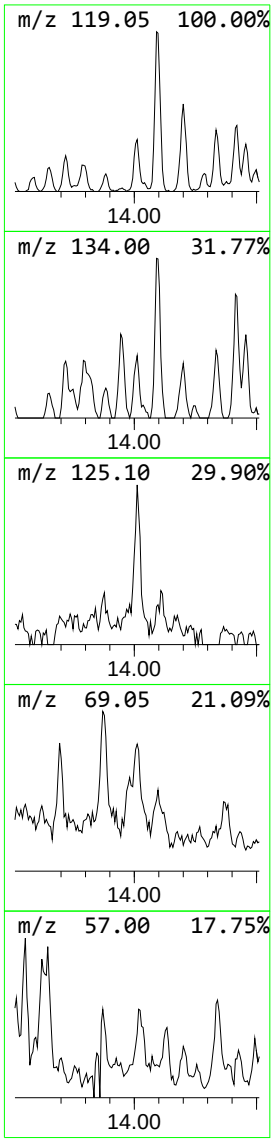
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	2.04 ug/L	18615	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	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

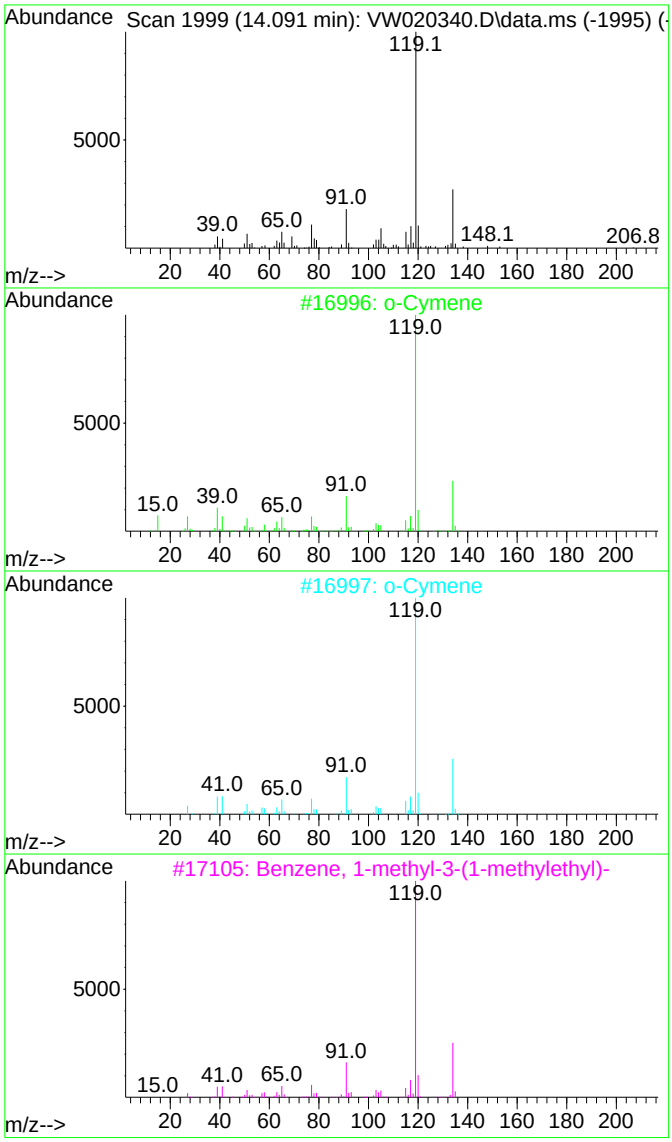
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

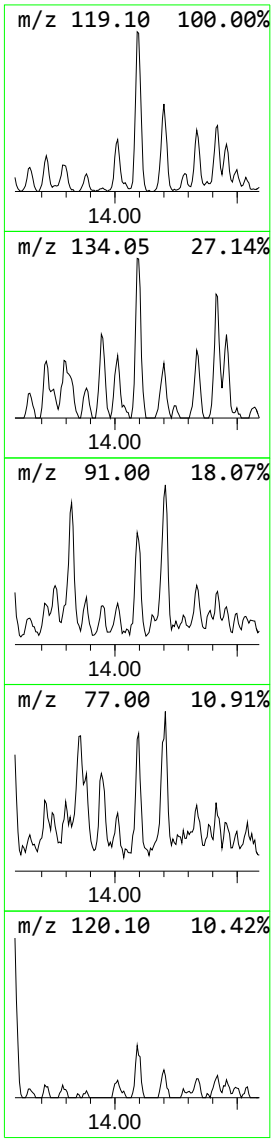
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	3.90 ug/L	35512	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

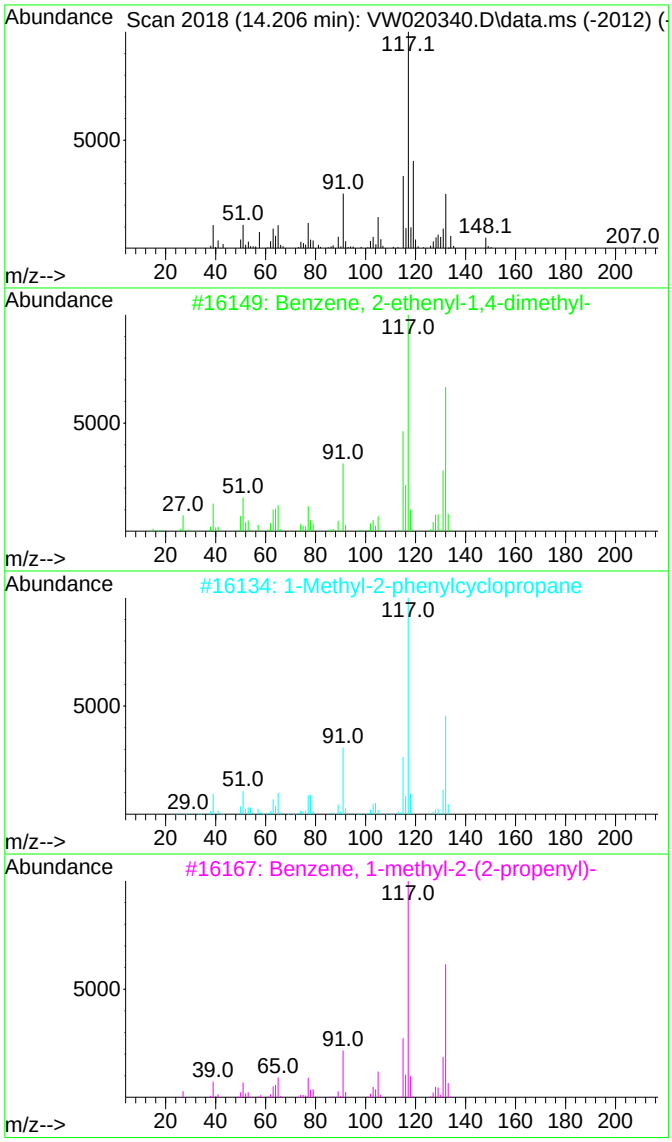
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

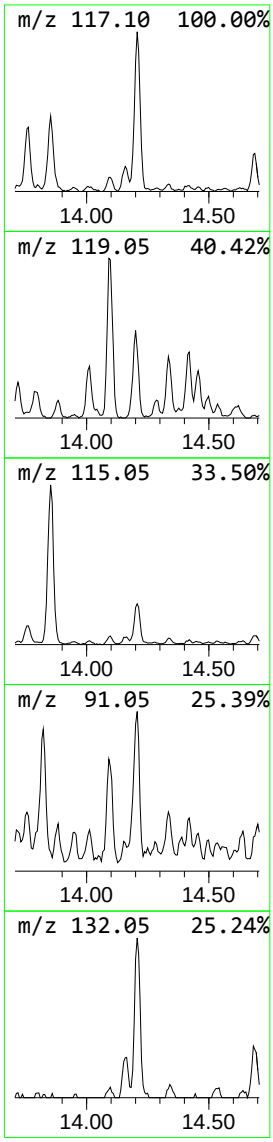
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	7.44 ug/L	67814	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	83
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

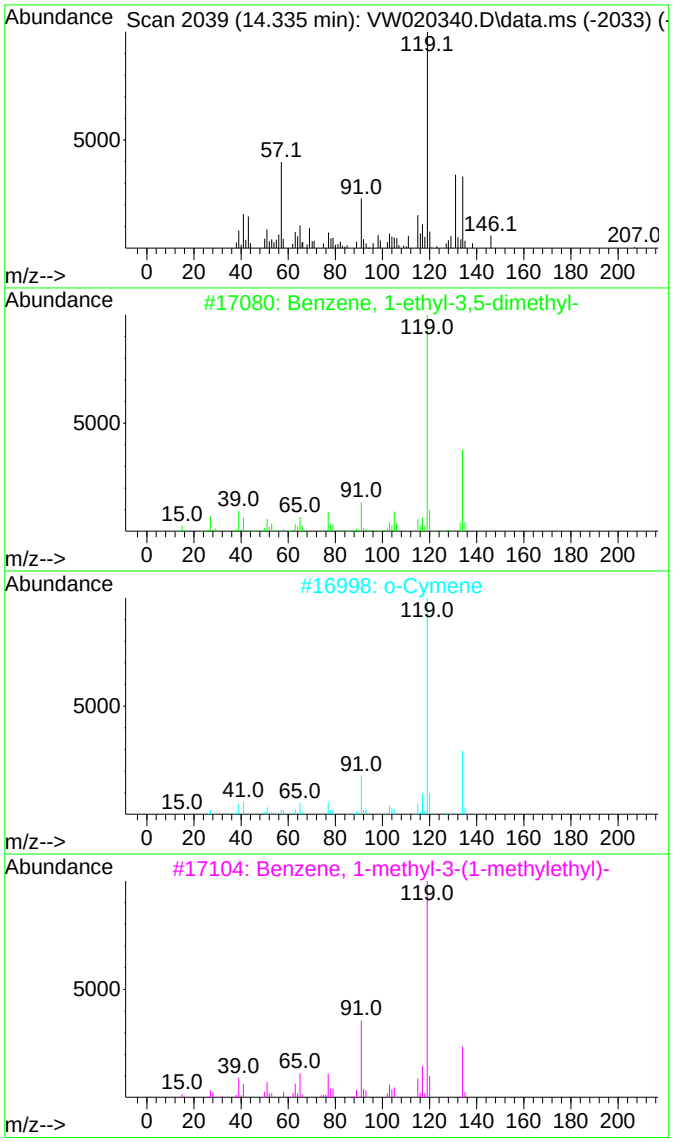
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

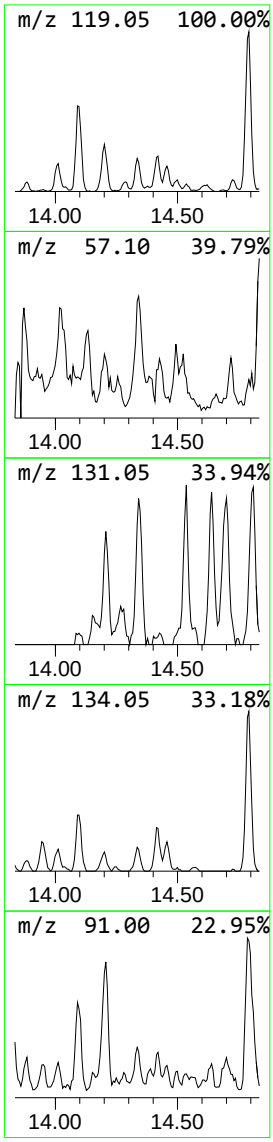
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	3.07 ug/L	28013	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

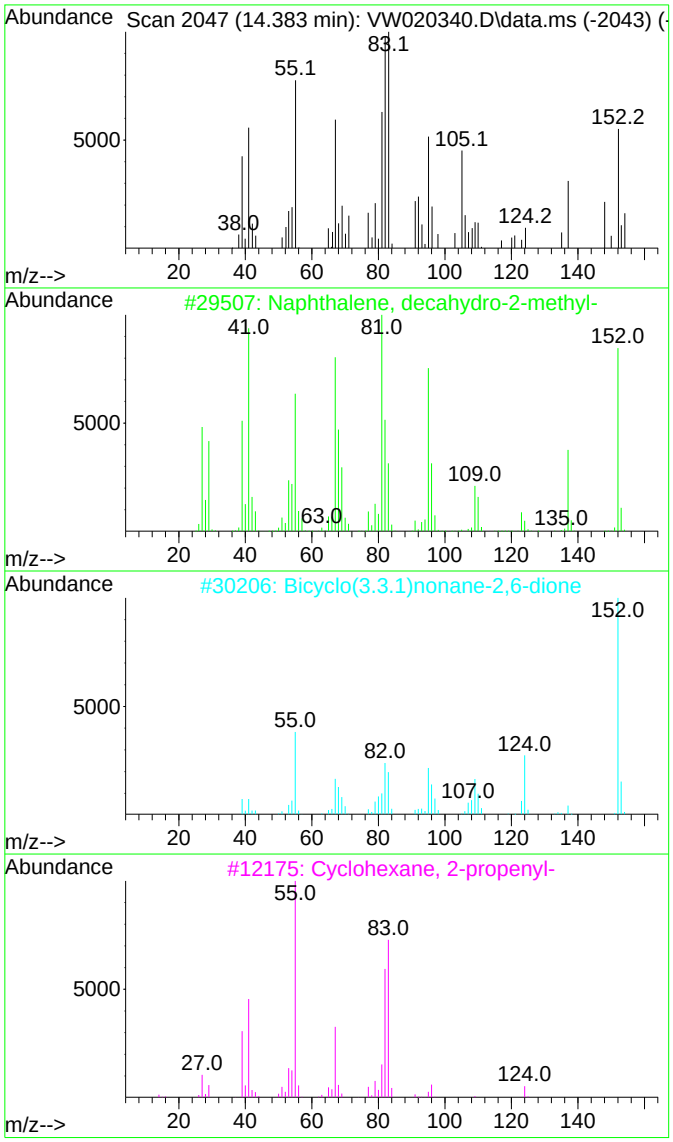
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

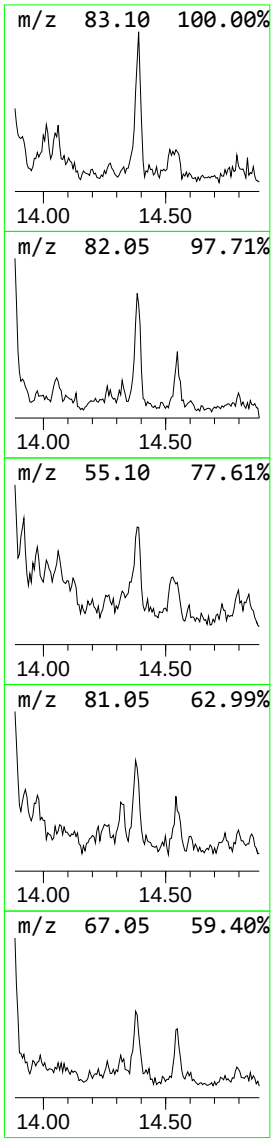
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, decahydro-2-me... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	2.15 ug/L	19624	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	64
2	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	58
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46
4	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

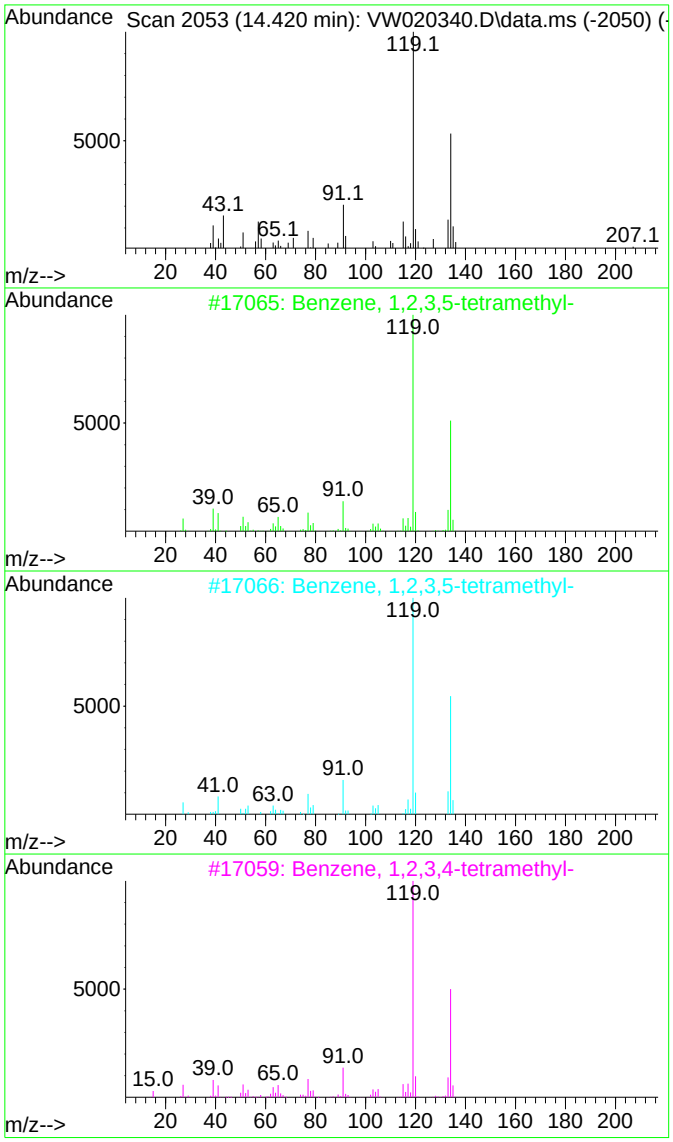
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

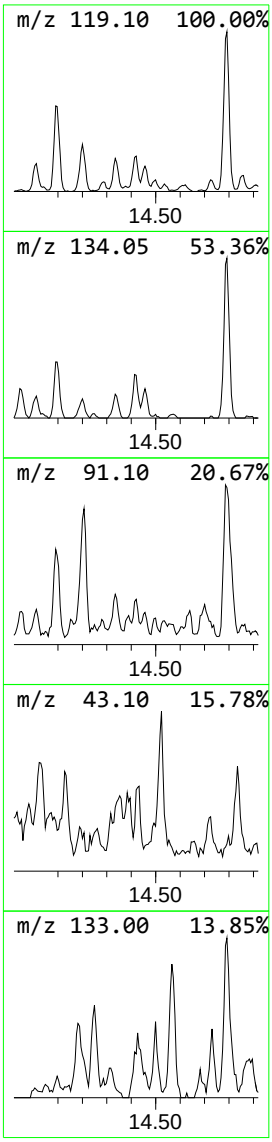
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	1.29 ug/L	11795	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	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

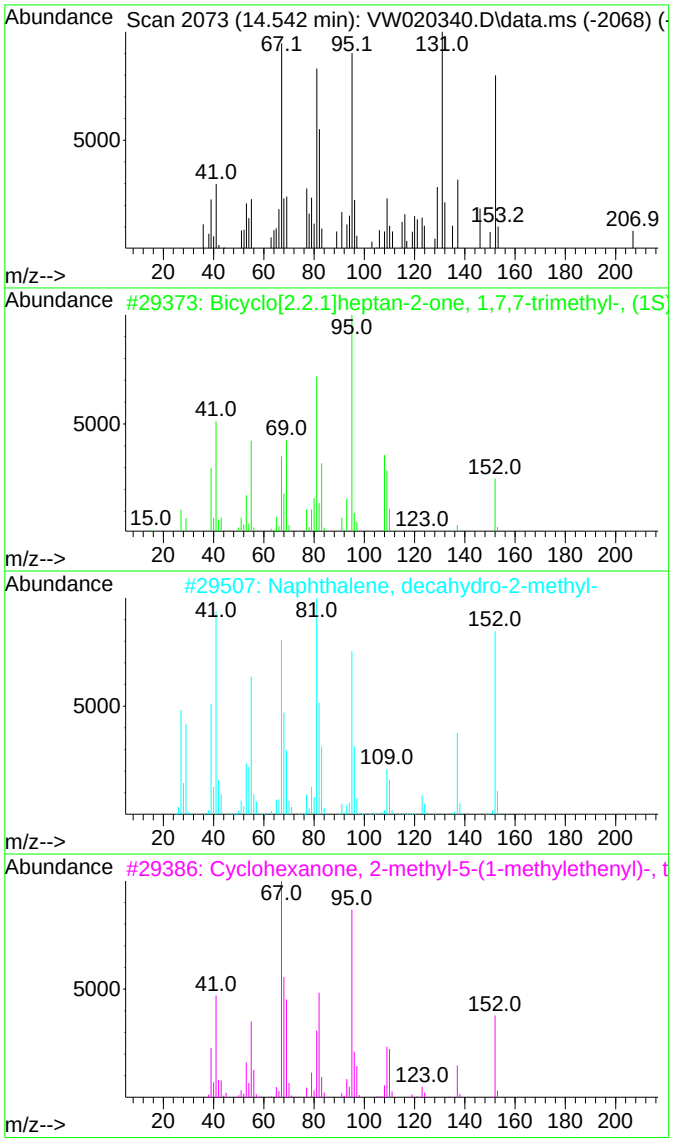
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

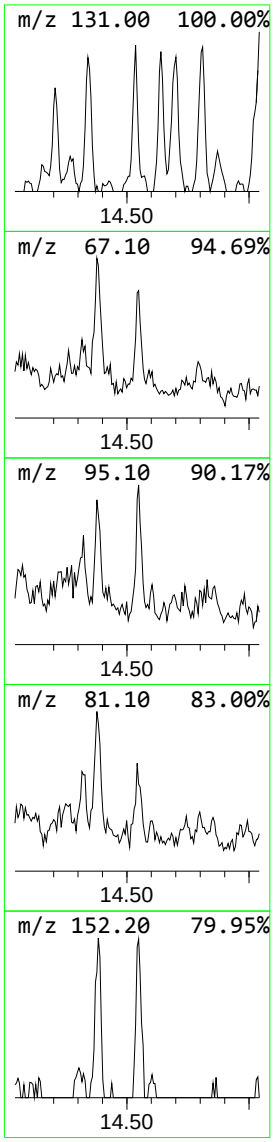
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	3.22 ug/L	29337	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	55
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
5	1,3,3-Trimethylcyclohex-1-ene-4-...	152	C10H16O	127128-60-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

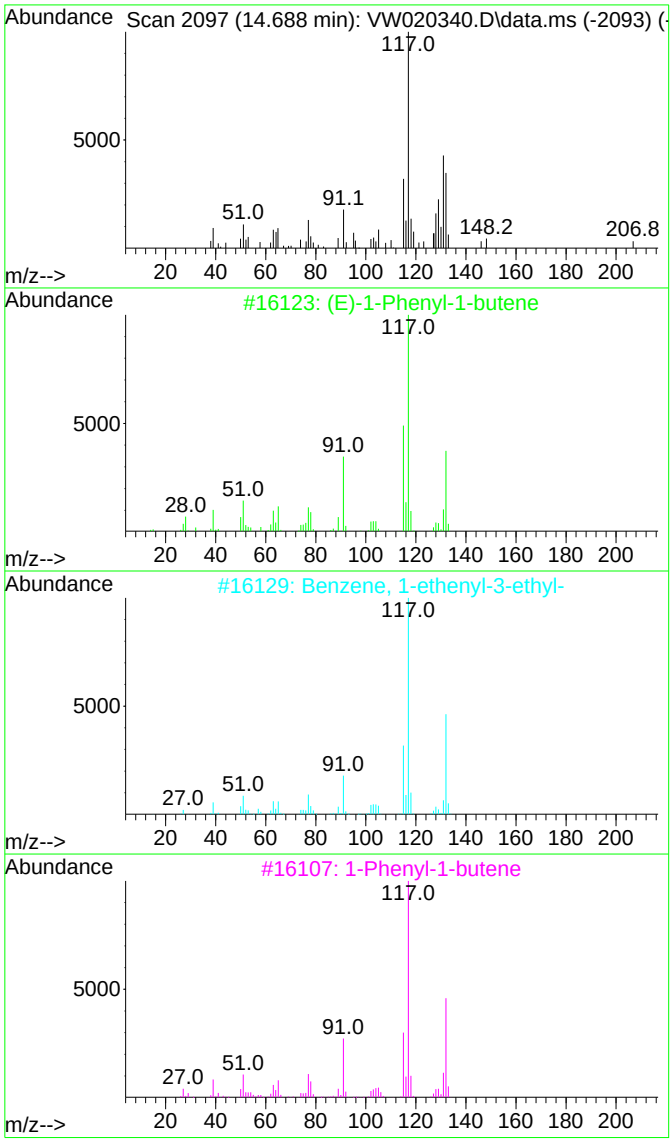
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

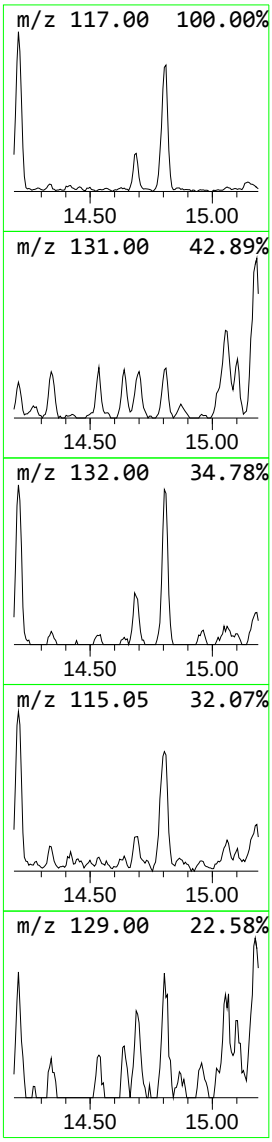
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (E)-1-Phenyl-1-butene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	1.88 ug/L	17118	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	92
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

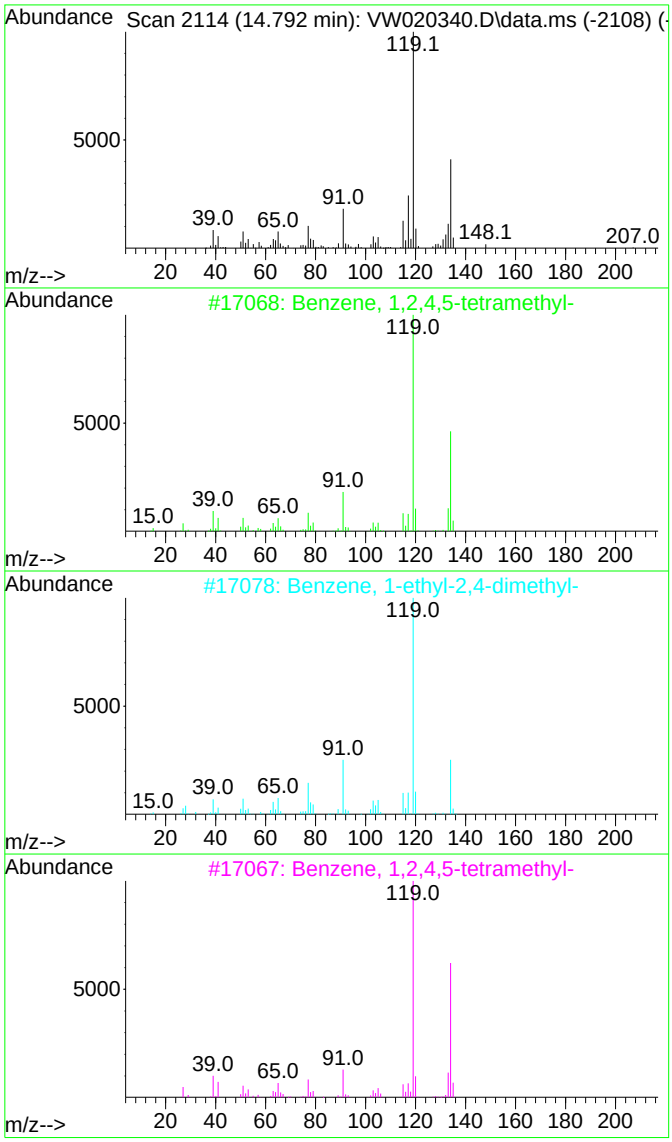
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

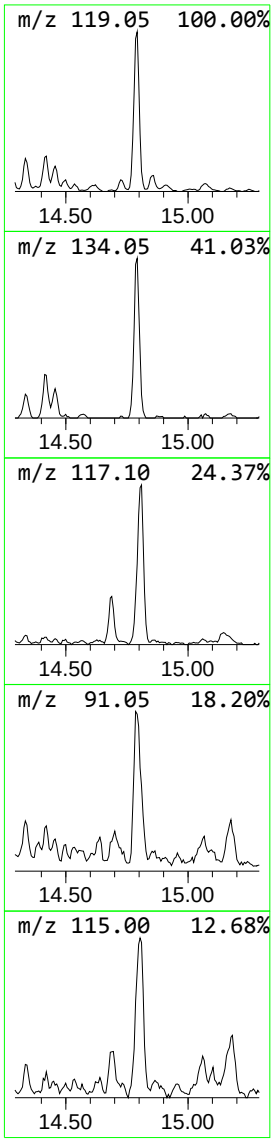
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	15.40 ug/L	140373	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	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

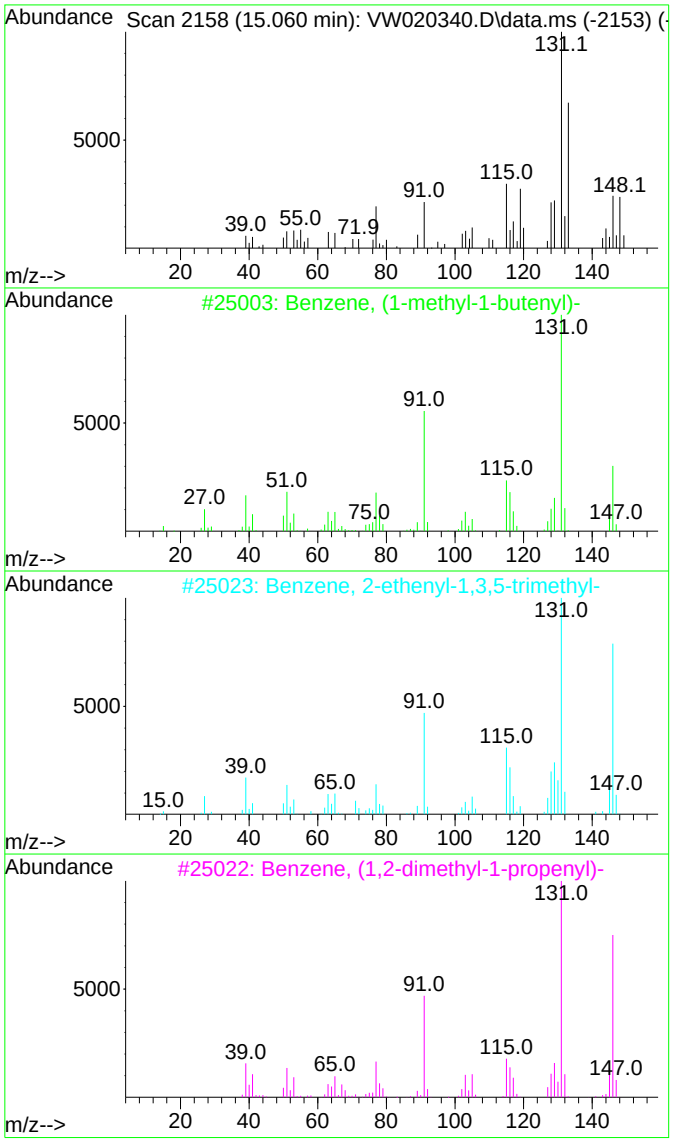
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

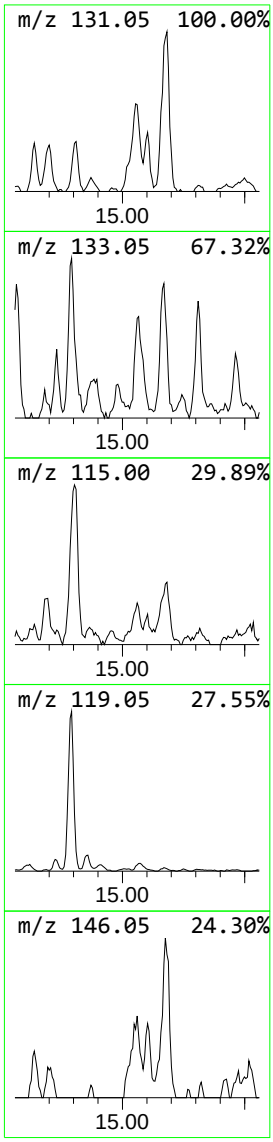
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.73 ug/L	15763	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	49
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	43
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW905

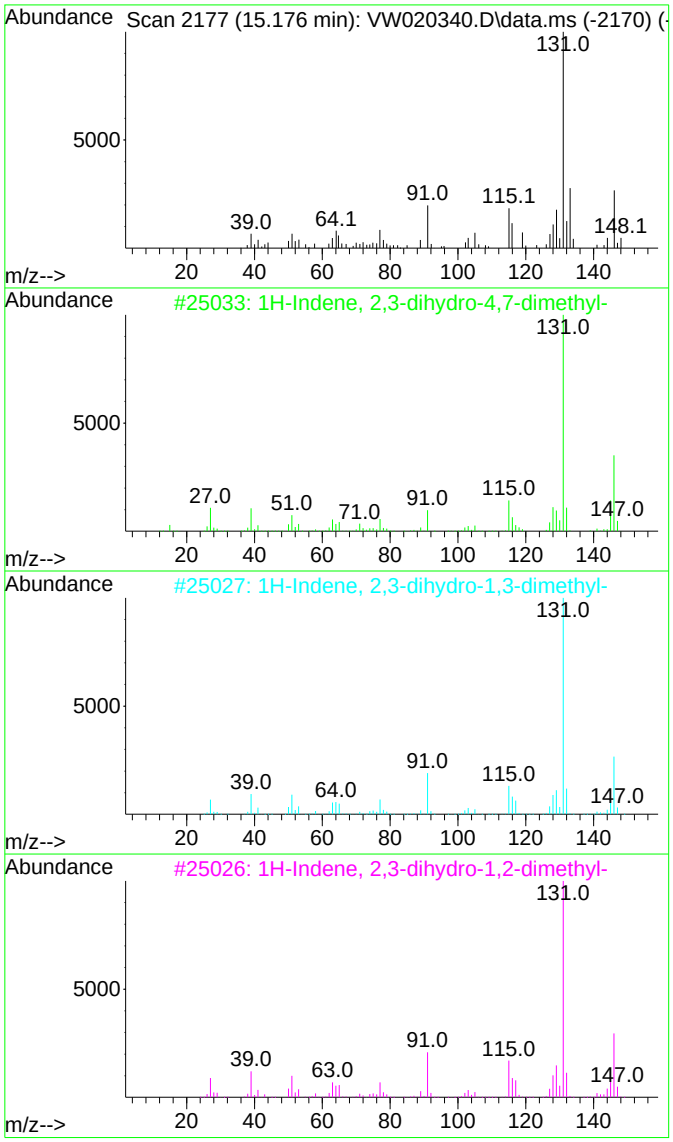
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

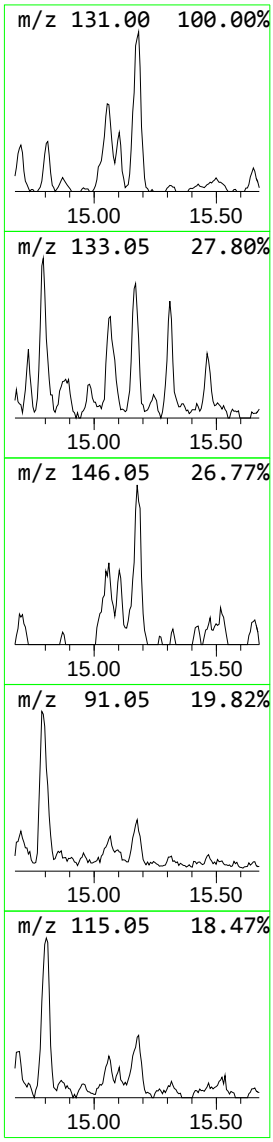
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	4.04 ug/L	36775	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-1,3-dimet...	146	C11H14	004175-53-5	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020340.D
Acq On : 07 Oct 2021 02:39
Operator : SY/VA
Sample : M4000-10
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW905

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.026	2.6	ug/L	64851	1	8.842	613161	25.0
(DEL) Alkane: S...	3.385	5.2	ug/L	126447	1	8.842	613161	25.0
(DEL) Alkane: C...	3.849	3.6	ug/L	89465	1	8.842	613161	25.0
(DEL) Alkane: C...	5.007	7.0	ug/L	172724	1	8.842	613161	25.0
(DEL) Alkane: S...	5.946	3.8	ug/L	92994	1	8.842	613161	25.0
(DEL) Alkane: C...	6.988	3.2	ug/L	77715	1	8.842	613161	25.0
(DEL) Alkane: S...	8.159	1.8	ug/L	44244	1	8.842	613161	25.0
Ethylidenecyclo...	8.451	5.3	ug/L	129266	1	8.842	613161	25.0
(DEL) Alkane: C...	8.573	3.0	ug/L	73965	1	8.842	613161	25.0
(DEL) Alkane: S...	8.695	4.3	ug/L	105835	1	8.842	613161	25.0
(DEL) Alkane: C...	9.750	1.8	ug/L	44942	1	8.842	613161	25.0
(DEL) Alkane: S...	9.957	2.8	ug/L	69614	1	8.842	613161	25.0
(DEL) Alkane: S...	10.098	2.7	ug/L	67067	1	8.842	613161	25.0
Cyclohexene, 1-...	10.207	1.3	ug/L	31581	1	8.842	613161	25.0
(DEL) Alkane: S...	10.506	7.4	ug/L	147441	2	11.634	500187	25.0
(DEL) Alkane: C...	10.664	3.1	ug/L	62350	2	11.634	500187	25.0
(DEL) Alkane: C...	10.756	2.5	ug/L	50739	2	11.634	500187	25.0
(DEL) Alkane: S...	11.036	1.3	ug/L	26402	2	11.634	500187	25.0
(DEL) Alkane: C...	11.177	2.9	ug/L	57955	2	11.634	500187	25.0
(DEL) Alkane: C...	11.231	4.5	ug/L	89501	2	11.634	500187	25.0
(DEL) Alkane: S...	11.335	1.9	ug/L	38555	2	11.634	500187	25.0
(DEL) Alkane: S...	11.414	4.8	ug/L	96522	2	11.634	500187	25.0
(DEL) Alkane: S...	11.512	2.9	ug/L	57711	2	11.634	500187	25.0
(DEL) Alkane: C...	12.140	4.1	ug/L	82140	2	11.634	500187	25.0
(DEL) Alkane: S...	12.249	2.9	ug/L	57763	2	11.634	500187	25.0
1H-Indene, octa...	12.341	2.4	ug/L	48847	2	11.634	500187	25.0
unknown-01	12.615	1.3	ug/L	12188	3	13.554	227812	25.0
(DEL) Alkane: S...	12.780	8.2	ug/L	74661	3	13.554	227812	25.0
(DEL) Alkane: C...	12.859	1.8	ug/L	16487	3	13.554	227812	25.0
Benzene, 1-ethy...	13.103	11.8	ug/L	107198	3	13.554	227812	25.0
(DEL) Alkane: S...	13.164	6.2	ug/L	56769	3	13.554	227812	25.0
unknown-02	13.377	1.4	ug/L	12618	3	13.554	227812	25.0
Benzene, 1-meth...	13.444	6.5	ug/L	59076	3	13.554	227812	25.0
(DEL) Alkane: S...	13.481	1.3	ug/L	11404	3	13.554	227812	25.0
Indane	13.755	2.0	ug/L	18403	3	13.554	227812	25.0
Benzene, 1-meth...	13.950	2.0	ug/L	18222	3	13.554	227812	25.0
Benzene, 2-ethy...	14.011	2.0	ug/L	18615	3	13.554	227812	25.0
o-Cymene	14.091	3.9	ug/L	35512	3	13.554	227812	25.0
Benzene, 2-ethe...	14.207	7.4	ug/L	67814	3	13.554	227812	25.0
Benzene, 1-ethy...	14.335	3.1	ug/L	28013	3	13.554	227812	25.0
Naphthalene, de...	14.383	2.1	ug/L	19624	3	13.554	227812	25.0
Benzene, 1,2,3,...	14.420	1.3	ug/L	11795	3	13.554	227812	25.0
Bicyclo[2.2.1]h...	14.542	3.2	ug/L	29337	3	13.554	227812	25.0
(E)-1-Phenyl-1-...	14.688	1.9	ug/L	17118	3	13.554	227812	25.0
Benzene, 1,2,4,...	14.792	15.4	ug/L	140373	3	13.554	227812	25.0
unknown-03	15.060	1.7	ug/L	15763	3	13.554	227812	25.0
1H-Indene, 2,3-...	15.176	4.0	ug/L	36775	3	13.554	227812	25.0