LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

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\SFAMWLM081821SMA.M
Title : SFAM01.0

Signal : TIC: VW019883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.976	480	504	549	rVB	4896834	23075272	9.17%	0.848%
2	5.452	564	582	618	rBV	4074224	16606474	6.60%	0.610%
3	5.946	649	663	683	rVV	8037671	25063421	9.96%	0.921%
4	6.732	781	792	807	rVV	1195704	4323154	1.72%	0.159%
5	6.891	807	818	824	rVV	1209347	4227328	1.68%	0.155%
6	6.994	824	835	857	rVV	15027318	51045851	20.29%	1.876%
7	7.702	944	951	969	rVB2	3592533	9827402	3.91%	0.361%
8	7.964	980	994	1002	rBV3	17775949	70905241	28.19%	2.606%
9	8.043	1002	1007	1018	rVB2	6419197	18024490	7.17%	0.662%
10	8.165	1018	1027	1034	rBV	21406750	55608921	22.11%	2.043%
11	8.232	1034	1038	1062	rVB2	6588399	19671774	7.82%	0.723%
12	8.445	1062	1073	1079	rBV2	21127861	56381804	22.41%	2.072%
13	8.518	1079	1085	1090	rVV	14496136	28766145	11.44%	1.057%
14	8.585	1090	1096	1107	rVB	30249013	77516461	30.82%	2.849%
15	8.701	1107	1115	1128	rVB2	3348078	8027311	3.19%	0.295%
16	8.842	1128	1138	1143	rBV2	11936909	29490876	11.72%	1.084%
17	8.890	1143	1146	1159	rVB	6557664	12557545	4.99%	0.461%
18	9.122	1179	1184	1203	rVB2	5390279	13687825	5.44%	0.503%
19	9.354	1203	1222	1238	rBV5	66002979	251550597	100.00%	9.244%
20	9.524	1238	1250	1257	rBV	23429531	46998593	18.68%	1.727%
21	9.616	1257	1265	1272	rBV	15483964	34183771	13.59%	1.256%
22	9.689	1272	1277	1278	rBV2	3439535	5181070	2.06%	0.190%
23	9.762	1283	1289	1298	rVB2	21480638	47207808	18.77%	1.735%
24	9.860	1298	1305	1309	rBV2	20101584	38223923	15.20%	1.405%
25	9.908	1309	1313	1317	rBV2	6683159	10166077	4.04%	0.374%
26	9.963	1317	1322	1326	rBV	16860179	31439249	12.50%	1.155%
27	10.104	1336	1345	1356	rBV3	18784374	50763417	20.18%	1.865%
28	10.213	1356	1363	1375	rBV2	22137507	49661709	19.74%	1.825%
29	10.329	1375	1382	1387	rBV	47276696	109613698	43.58%	4.028%
30	10.451	1397	1402	1405	rBV	9636057	16835223	6.69%	0.619%
31	10.518	1405	1413	1419	rVB5	31534456	83559694	33.22%	3.071%
32	10.622	1425	1430	1433	rBV4	5233769	8234569	3.27%	0.303%
33	10.677	1433	1439	1445	rVB	34506368	66286235	26.35%	2.436%
34	10.762	1445	1453	1461	rBV4	30116454	85782832	34.10%	3.152%
35	10.847	1463	1467	1473	rVB2	7877010	17052927	6.78%	0.627%
36	10.945	1473	1483	1489	rBV2	16018361	36812450	14.63%	1.353%

LSC Area Percent Report

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Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

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\SFAMWLM081821SMA.M
Title : SFAM01.0

37	11.024	1489	1496	1498	rBV2	12880545	26694181	10.61%	0.981%
38	11.061	1499	1502	1506	rVB3	10178416	15767346	6.27%	0.579%
39	11.109	1506	1510	1513	rBV2	14592228	23248729	9.24%	0.854%
40	11.146	1513	1516	1519	rBV2	7325528	9286097	3.69%	0.341%
41	11.189	1519	1523	1527	rVB	33869191	54119333	21.51%	1.989%
42	11.237	1527	1531	1536	rVB	29313151	50737350	20.17%	1.864%
43	11.292	1536	1540	1544	rVB3	8038613	11571373	4.60%	0.425%
44	11.341	1544	1548	1553	rVB2	18294807	30611384	12.17%	1.125%
45	11.426	1553	1562	1563	rBV3	19352177	39401426	15.66%	1.448%
46	11.518	1572	1577	1581	rBV	19048722	31955672	12.70%	1.174%
47	11.554	1581	1583	1592	rVB5	7856329	14008068	5.57%	0.515%
48	11.640	1592	1597	1601	rBV3	11043685	20186287	8.02%	0.742%
49	11.689	1601	1605	1608	rBV3	4480919	7329295	2.91%	0.269%
50	11.731	1608	1612	1616	rBV2	11572195	15959712	6.34%	0.586%
51	11.774	1616	1619	1621	rBV2	3802432	4001725	1.59%	0.147%
52	11.811	1621	1625	1631	rVB4	10272657	19214365	7.64%	0.706%
53	11.878	1632	1636	1640	rBV2	15418100	26754662	10.64%	0.983%
54	11.975	1648	1652	1656	rBV3	2316517	3913798	1.56%	0.144%
55	12.042	1656	1663	1667	rBV4	5739495	14503200	5.77%	0.533%
56	12.146	1673	1680	1686	rBV	17670850	41615362	16.54%	1.529%
57	12.256	1692	1698	1702	rVB2	13968343	25933505	10.31%	0.953%
58	12.347	1702	1713	1715	rBV3	22819541	53943113	21.44%	1.982%
59	12.469	1729	1733	1737	rBV	10332380	16110339	6.40%	0.592%
60	12.573	1748	1750	1754	rVB	9678663	10374005	4.12%	0.381%
61	12.621	1754	1758	1760	rBV4	3218822	5290319	2.10%	0.194%
62	12.652	1760	1763	1767	rVB	10352584	13758356	5.47%	0.506%
63	12.701	1767	1771	1776	rVB	7390113	11576565	4.60%	0.425%
64	12.804	1780	1788	1793	rVB2	19524509	42655299	16.96%	1.567%
65	12.865	1793	1798	1800	rBV4	3122248	5730308	2.28%	0.211%
66	12.993	1816	1819	1824	rVB	4863107	7195483	2.86%	0.264%
67	13.103	1829	1837	1844	rVV	20638818	48335208	19.21%	1.776%
68	13.170	1844	1848	1859	rVB4	11122713	23837981	9.48%	0.876%
69	13.261	1859	1863	1865	rBV3	2465077	3555490	1.41%	0.131%
70	13.304	1866	1870	1874	rVV3	3159440	6517823	2.59%	0.240%
71	13.383	1874	1883	1887	rVV4	6338039	15341989	6.10%	0.564%
72	13.444	1887	1893	1897	rVV3	15389844	29392636	11.68%	1.080%
73	13.493	1897	1901	1908	rVV3	9272417	20370982	8.10%	0.749%
74	13.554	1908	1911	1914	rVB2	3867217	4312771	1.71%	0.158%
75	13.627	1920	1923	1925	rBV	3385153	4438306	1.76%	0.163%
76	13.719	1933	1938	1941	rBV	12510790	19534711	7.77%	0.718%

LSC Area Percent Report

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Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

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\SFAMWLM081821SMA.M
Title : SFAM01.0

77	13.755	1941	1944	1948	rVV	13219741	21309241	8.47%	0.783%
78	13.798	1948	1951	1959	rVB3	8904566	20638035	8.20%	0.758%
79	13.883	1959	1965	1969	rBV2	13210241	21931658	8.72%	0.806%
80	14.011	1983	1986	1993	rVB3	4529305	6633566	2.64%	0.244%
81	14.097	1995	2000	2005	rBV	26126236	40531422	16.11%	1.489%
82	14.206	2012	2018	2023	rVB2	28882391	51251752	20.37%	1.883%
83	14.347	2034	2041	2043	rBV6	2879536	5706335	2.27%	0.210%
84	14.389	2044	2048	2050	rVV3	5204416	8218557	3.27%	0.302%
85	14.420	2050	2053	2062	rVB2	10567331	17369791	6.91%	0.638%
86	14.499	2062	2066	2069	rBV	8333959	11698363	4.65%	0.430%
87	14.542	2069	2073	2076	rBV4	3030194	5010478	1.99%	0.184%
88	14.639	2086	2089	2093	rVB	2604425	3495423	1.39%	0.128%
89	14.688	2093	2097	2102	rBV3	10521956	19428010	7.72%	0.714%
90	14.731	2102	2104	2108	rVB	4427879	5143546	2.04%	0.189%
91	14.798	2108	2115	2122	rBV2	24980550	60005332	23.85%	2.205%
92	14.859	2122	2125	2136	rVB3	4248423	9071685	3.61%	0.333%
93	14.956	2137	2141	2147	rVB2	3835742	5898743	2.34%	0.217%
94	15.060	2149	2158	2163	rBV3	9051389	18302724	7.28%	0.673%
95	15.176	2170	2177	2184	rVB2	8835474	20028996	7.96%	0.736%
96	15.316	2195	2200	2204	rBV3	2001517	4145808	1.65%	0.152%
97	15.365	2204	2208	2213	rVV	5321965	8726644	3.47%	0.321%
98	15.468	2220	2225	2229	rVV2	2257577	4248548	1.69%	0.156%
99	15.517	2229	2233	2241	rVB	1632234	3411220	1.36%	0.125%
100	16.438	2377	2384	2396	rVB	2559706	5642645	2.24%	0.207%

Sum of corrected areas: 2721294213

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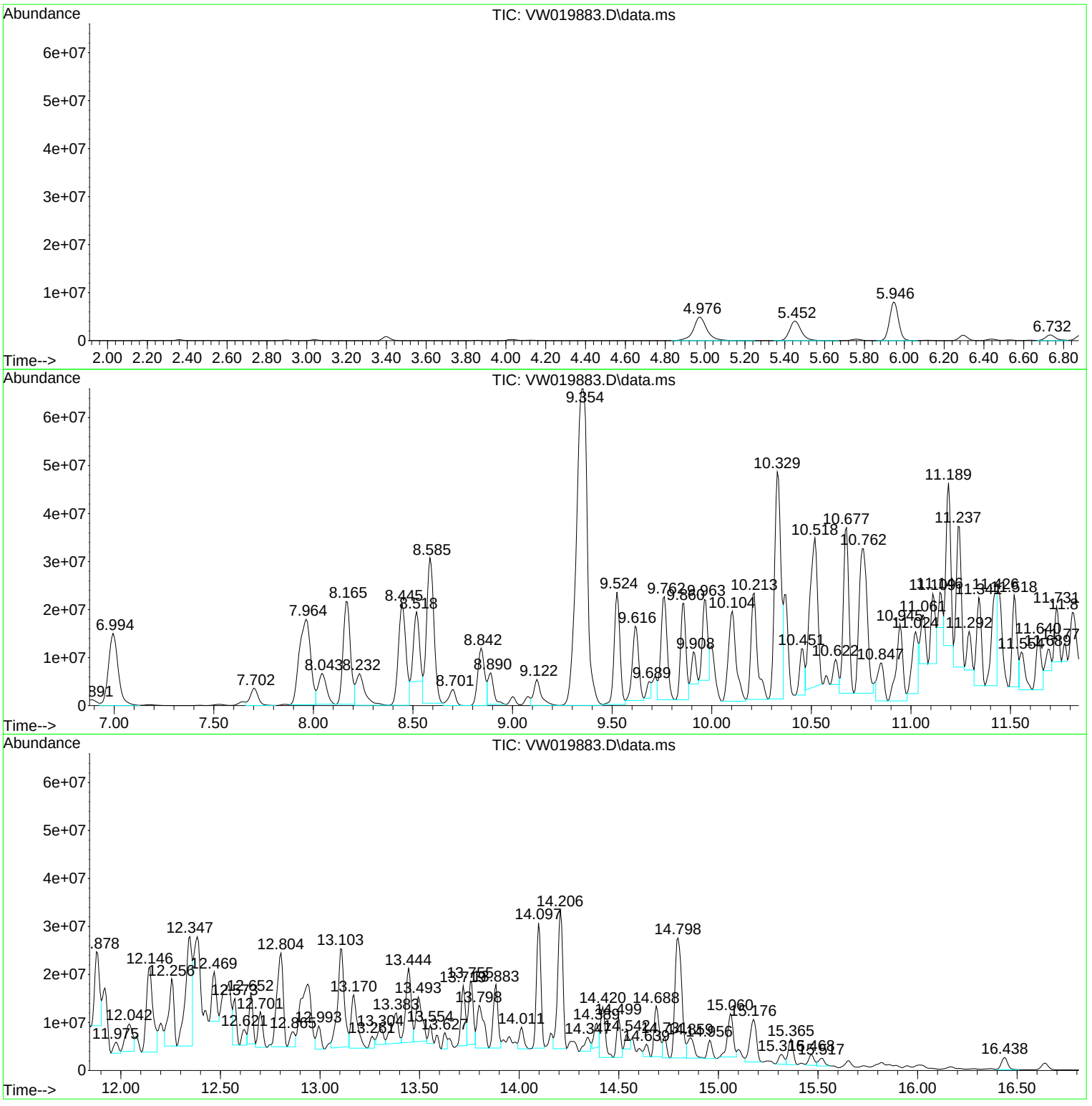
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

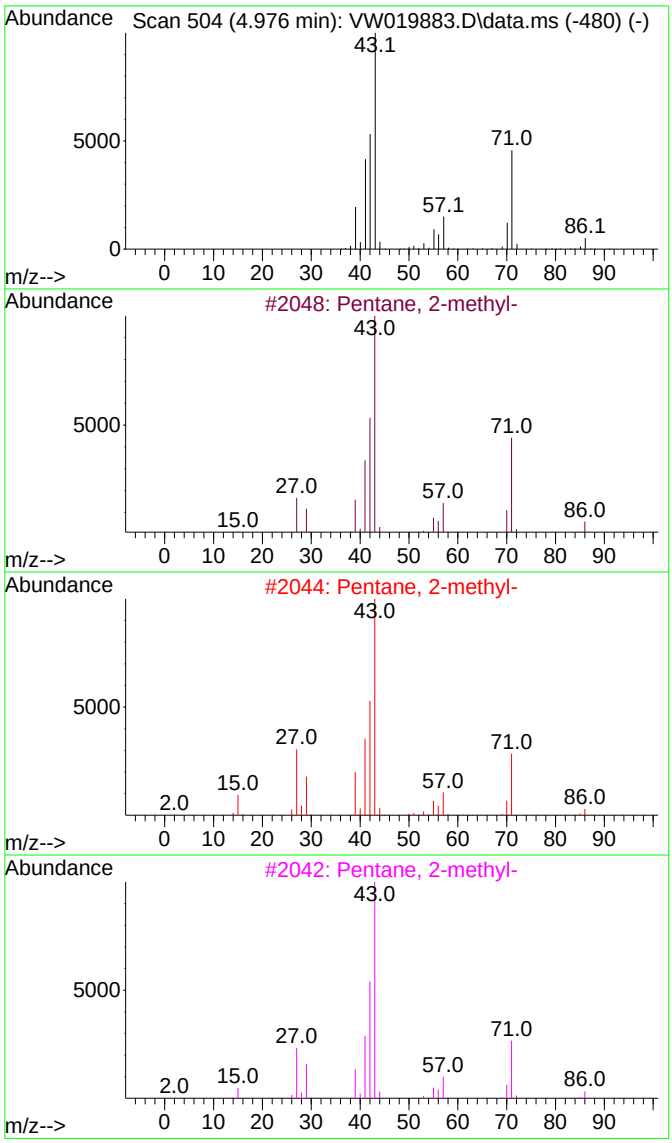
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

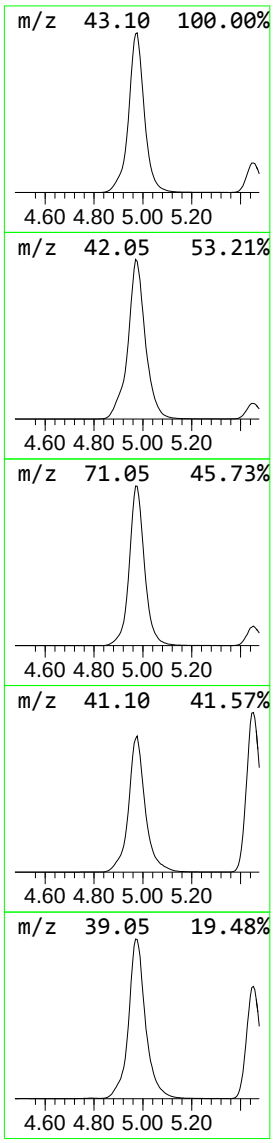
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.976	19.56 ug/L	23075300	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

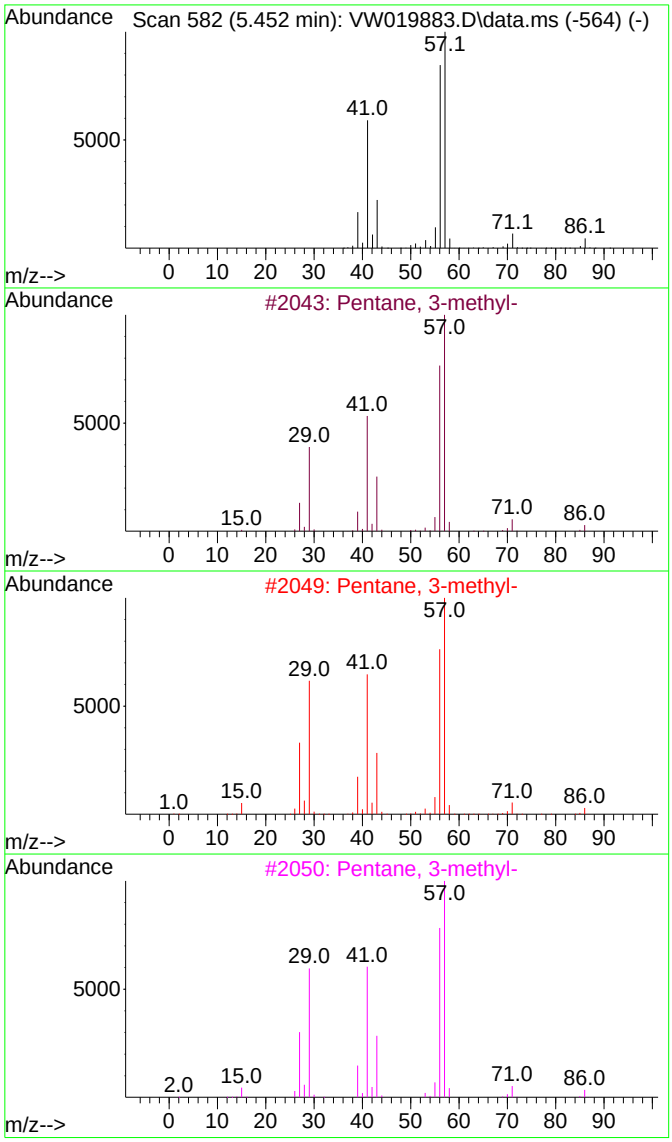
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

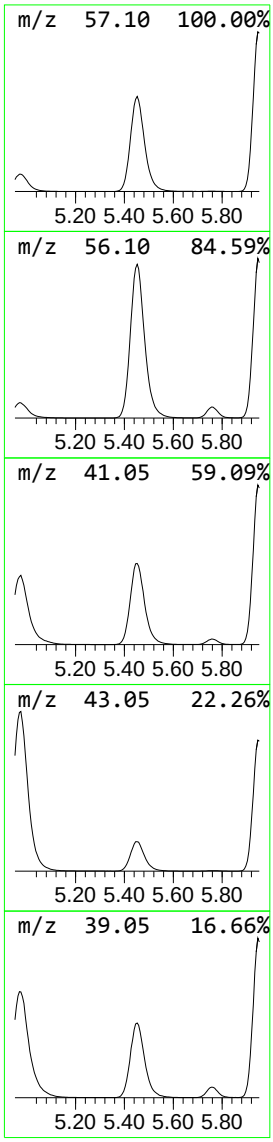
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.452	14.08 ug/L	16606500	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

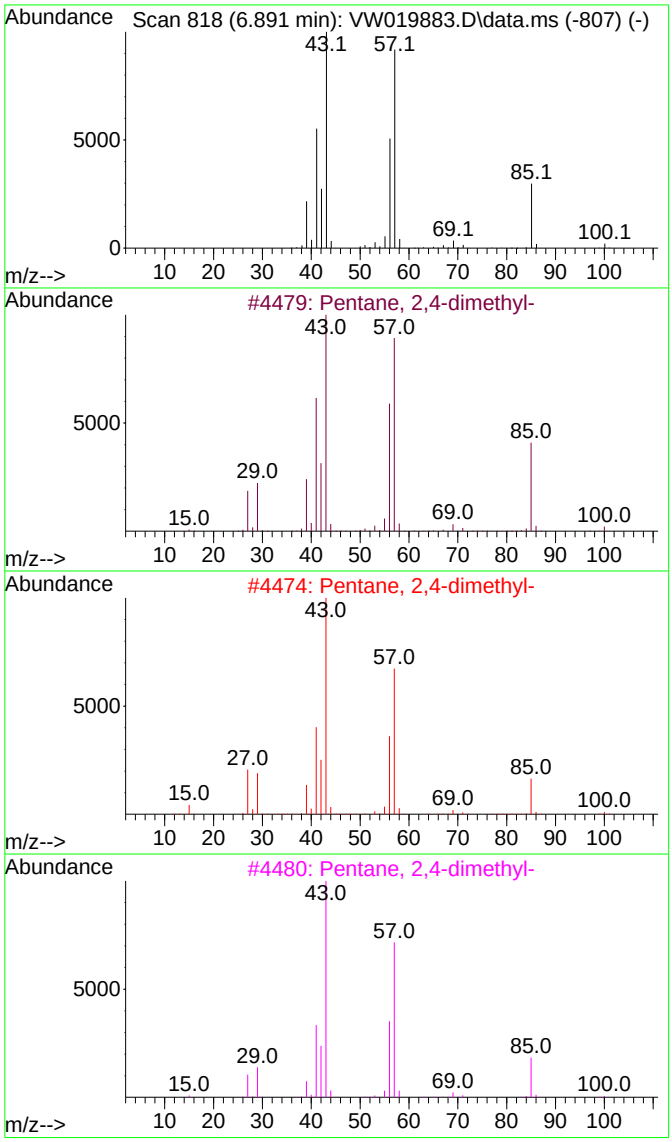
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

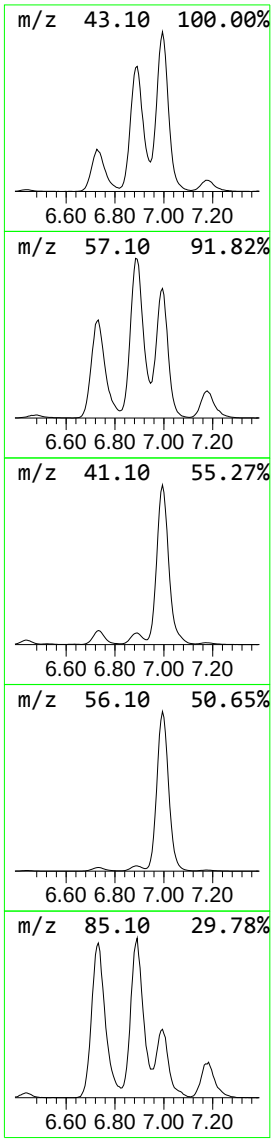
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.891	3.58 ug/L	4227330	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

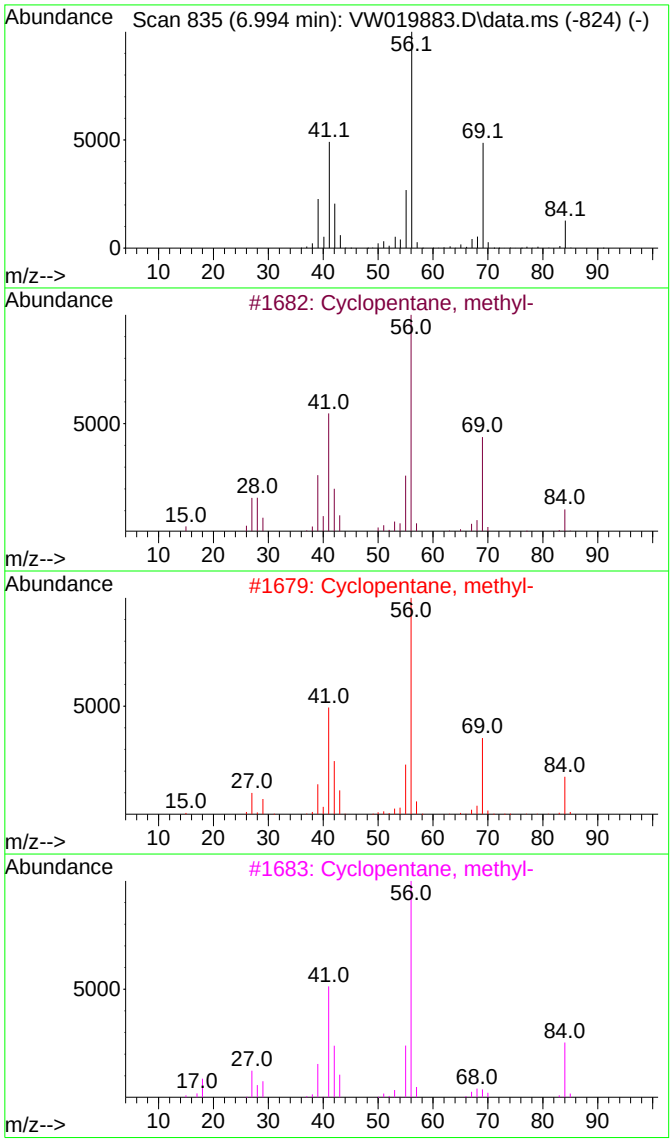
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

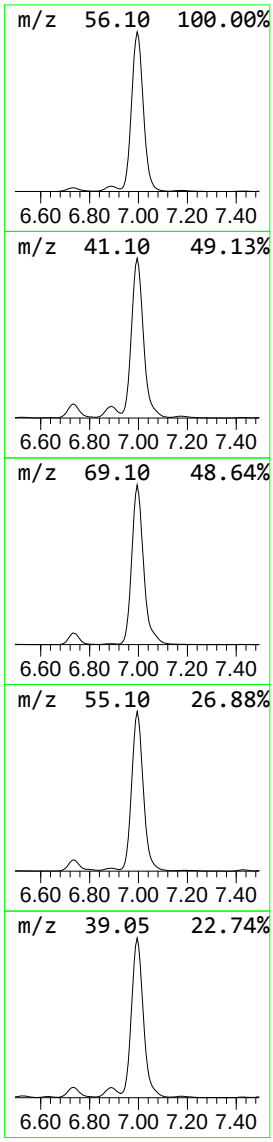
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic6.994 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.994	43.27 ug/L	51045900	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

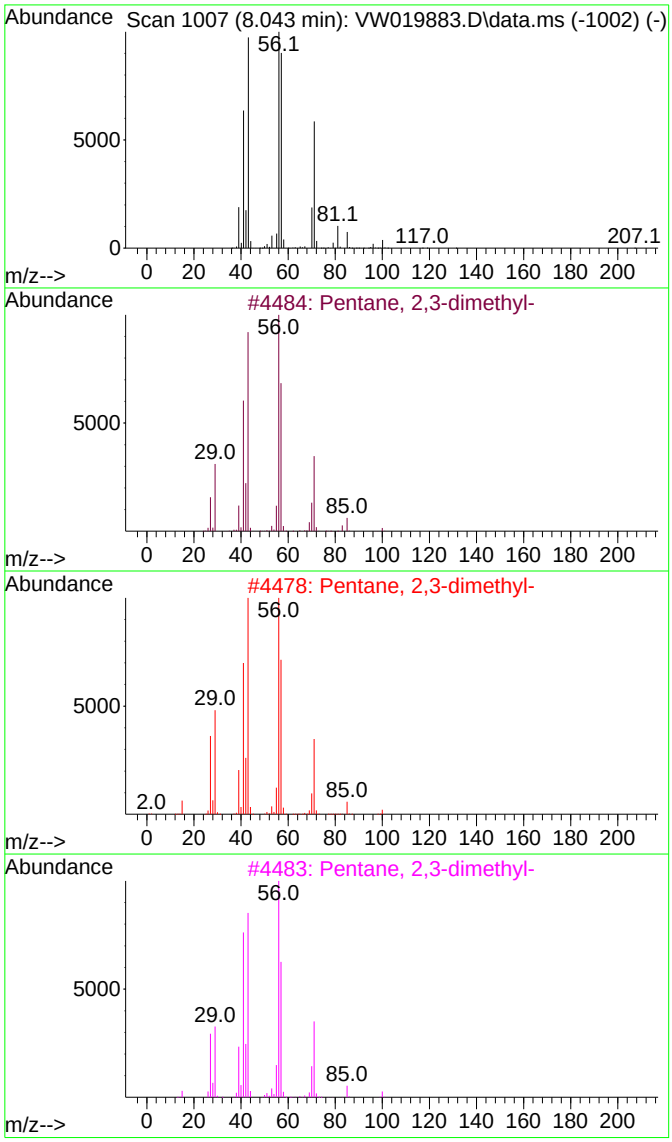
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

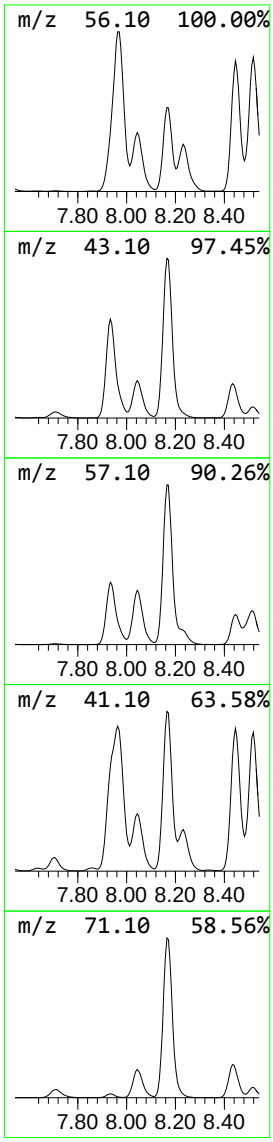
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.043	15.28 ug/L	18024500	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

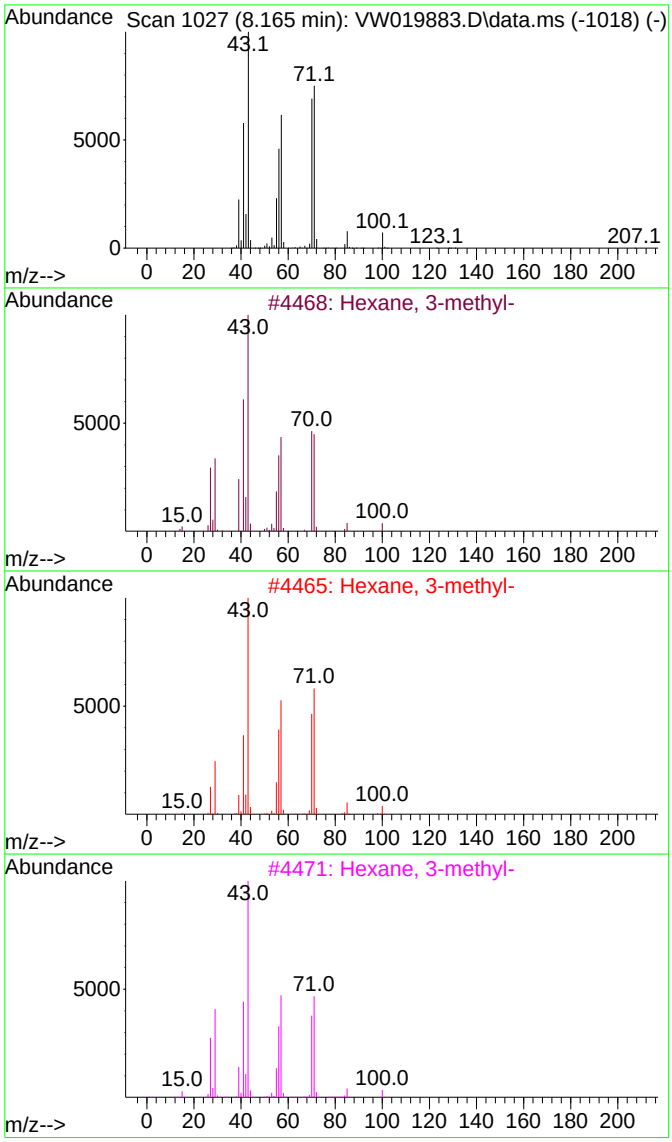
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

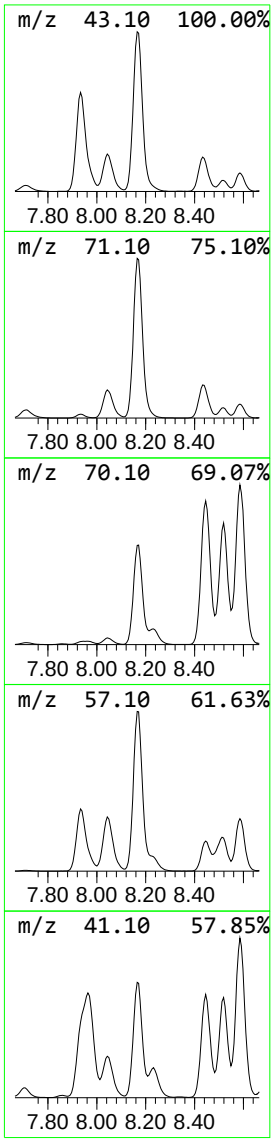
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.165	47.14 ug/L	55608900	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4	Heptane	100	C7H16	000142-82-5	72
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

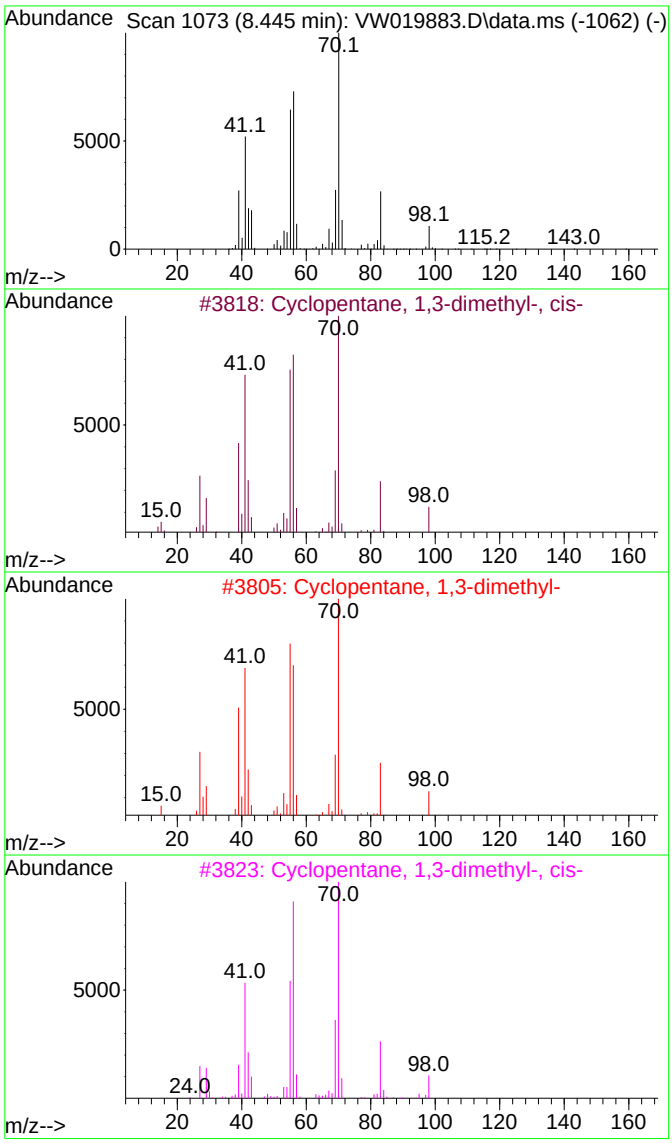
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

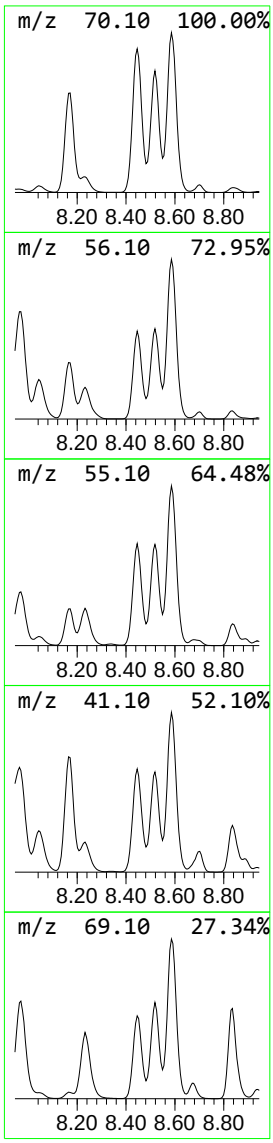
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.445 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	47.80 ug/L	56381800	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

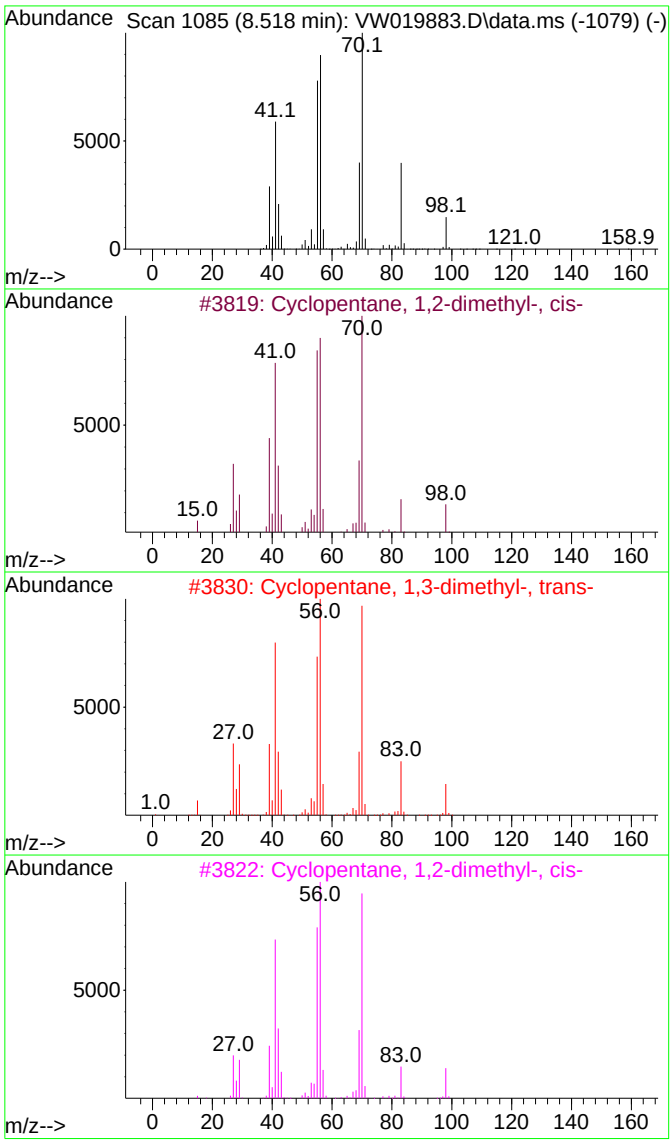
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

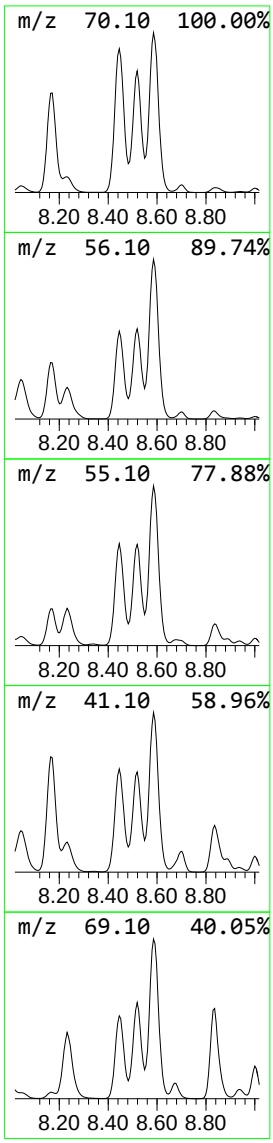
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic8.518 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.518	24.39 ug/L	28766100	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	74
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

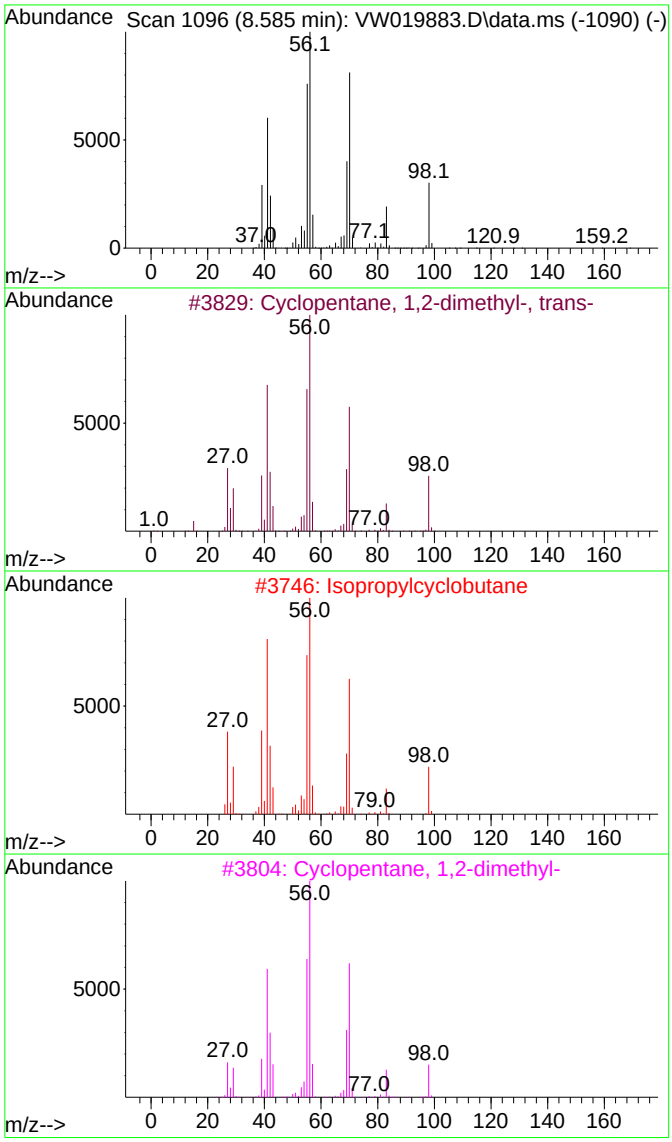
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

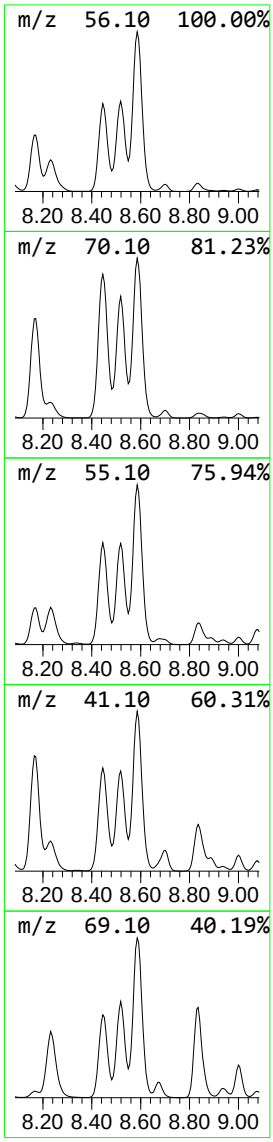
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.585 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.585	65.71 ug/L	77516500	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
5	1-Heptene	98	C7H14	000592-76-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

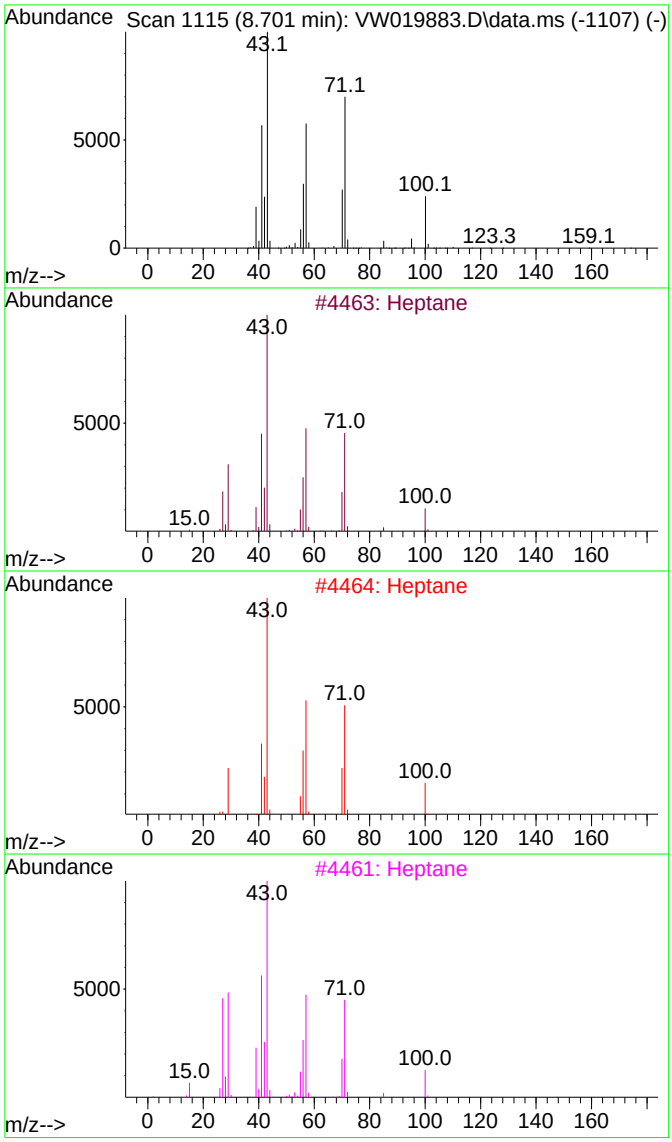
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

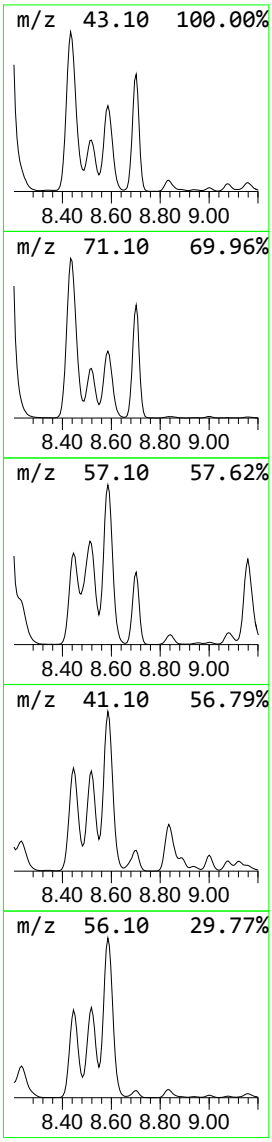
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.701	6.80 ug/L	8027310	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	86
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	45
5	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

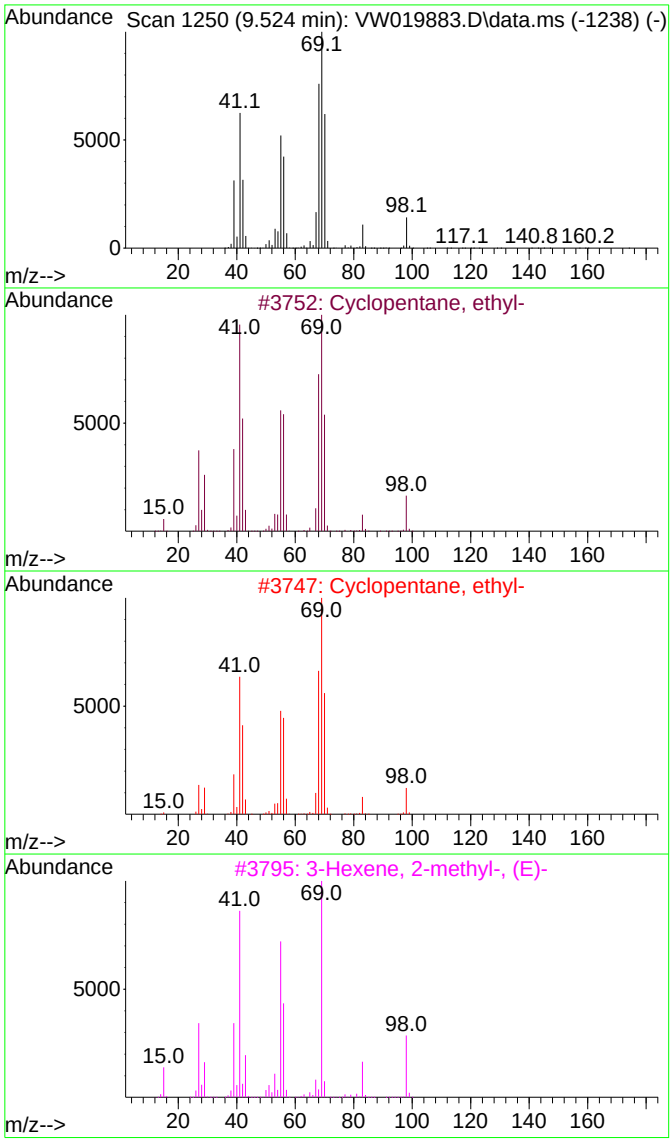
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

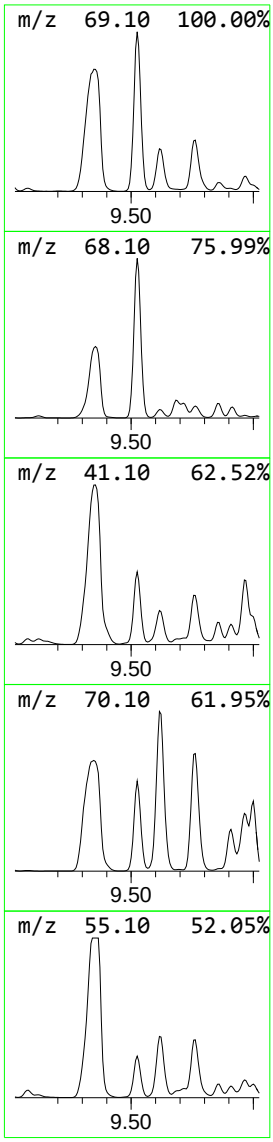
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic9.524 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.524	39.84 ug/L	46998600	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

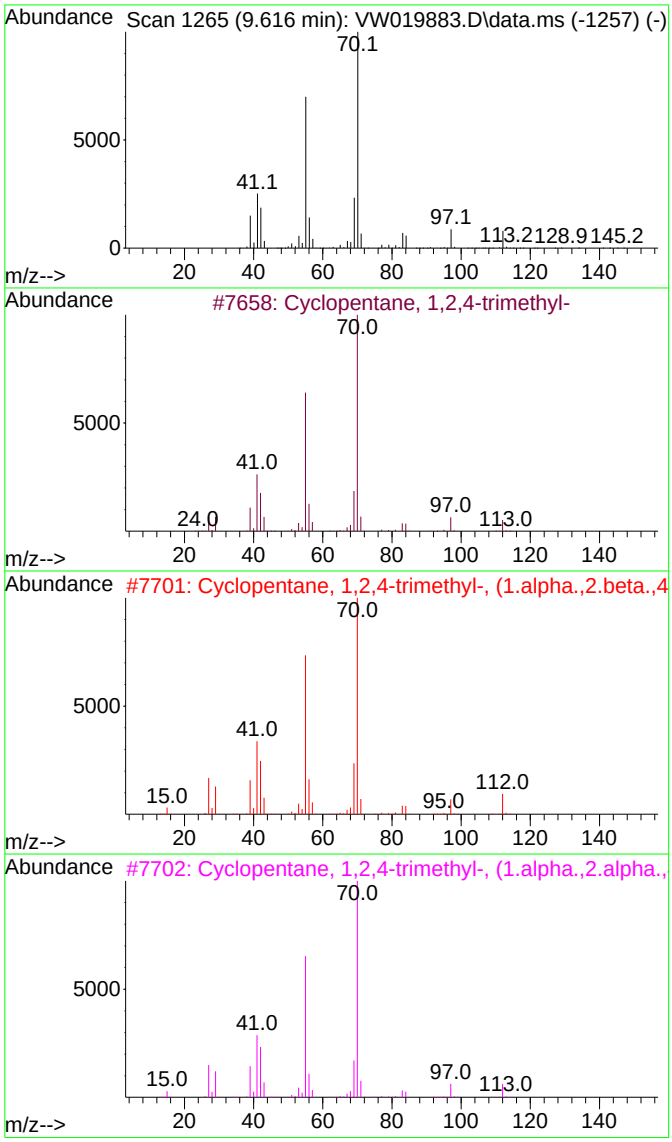
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

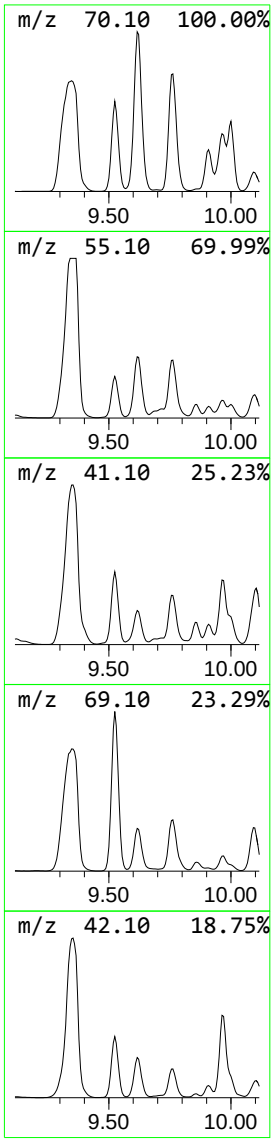
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.616 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	28.98 ug/L	34183800	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

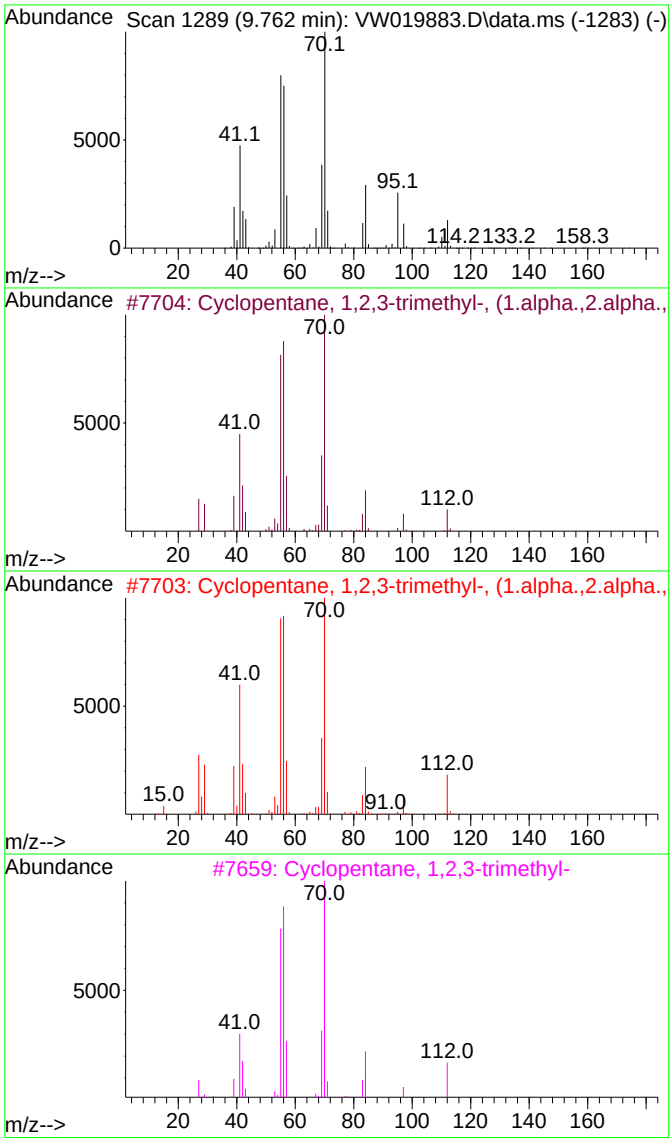
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

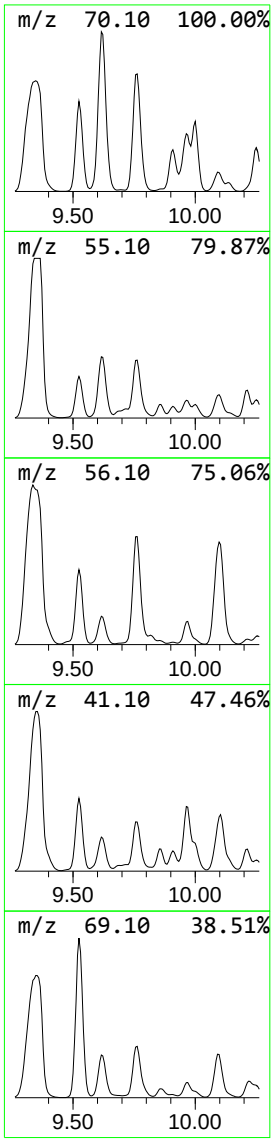
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.762 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	40.02 ug/L	47207800	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	83
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

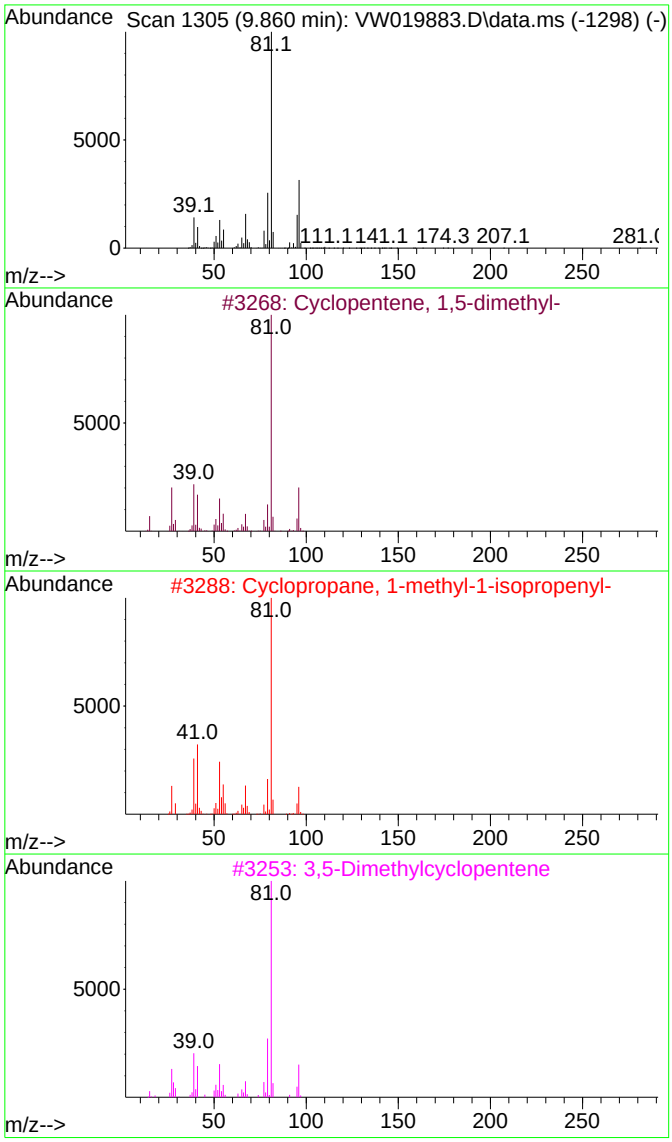
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

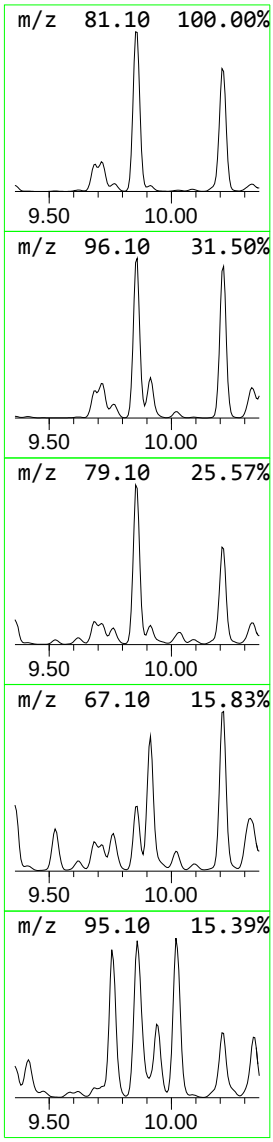
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopentene, 1,5-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.860	32.40 ug/L	38223900	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	86
2	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	83
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	78
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

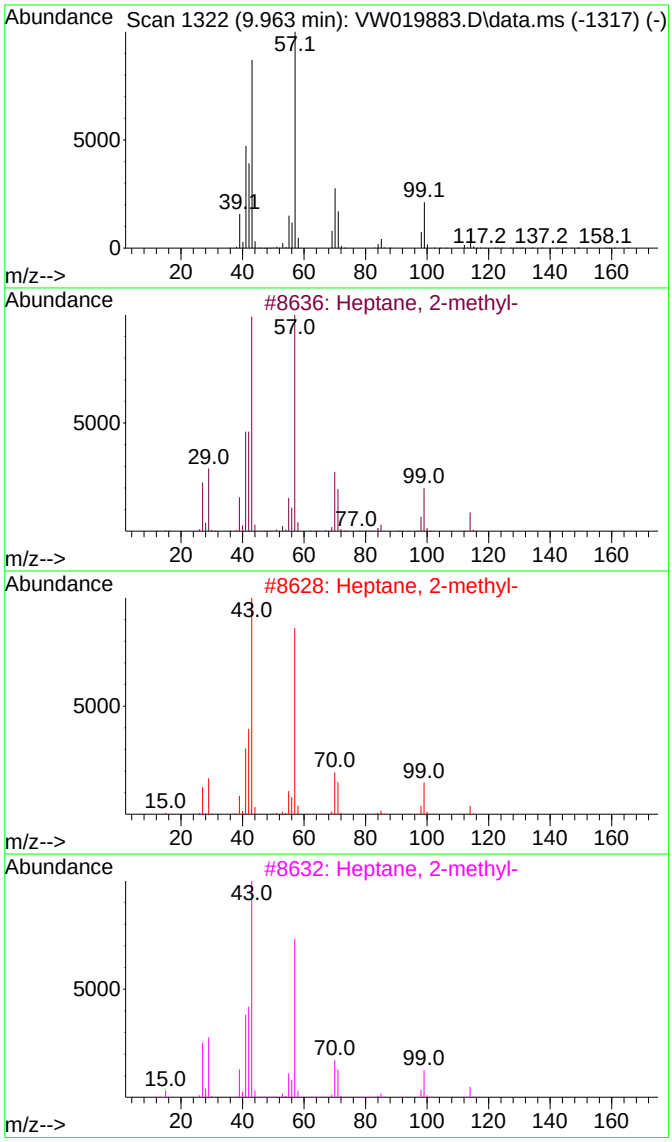
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

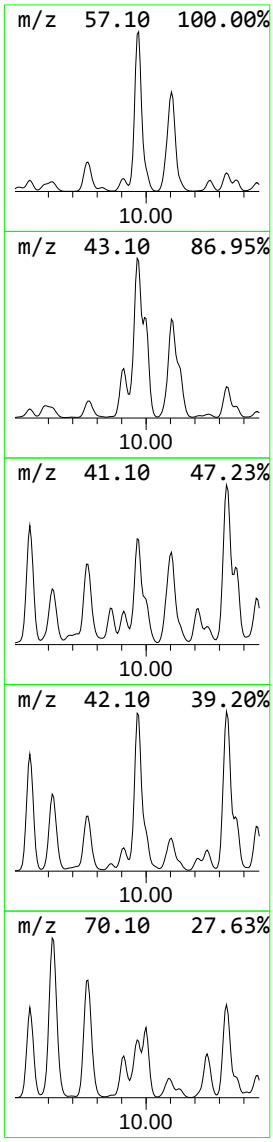
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	26.65 ug/L	31439200	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	2-Piperidinone	99	C5H9NO	000675-20-7	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

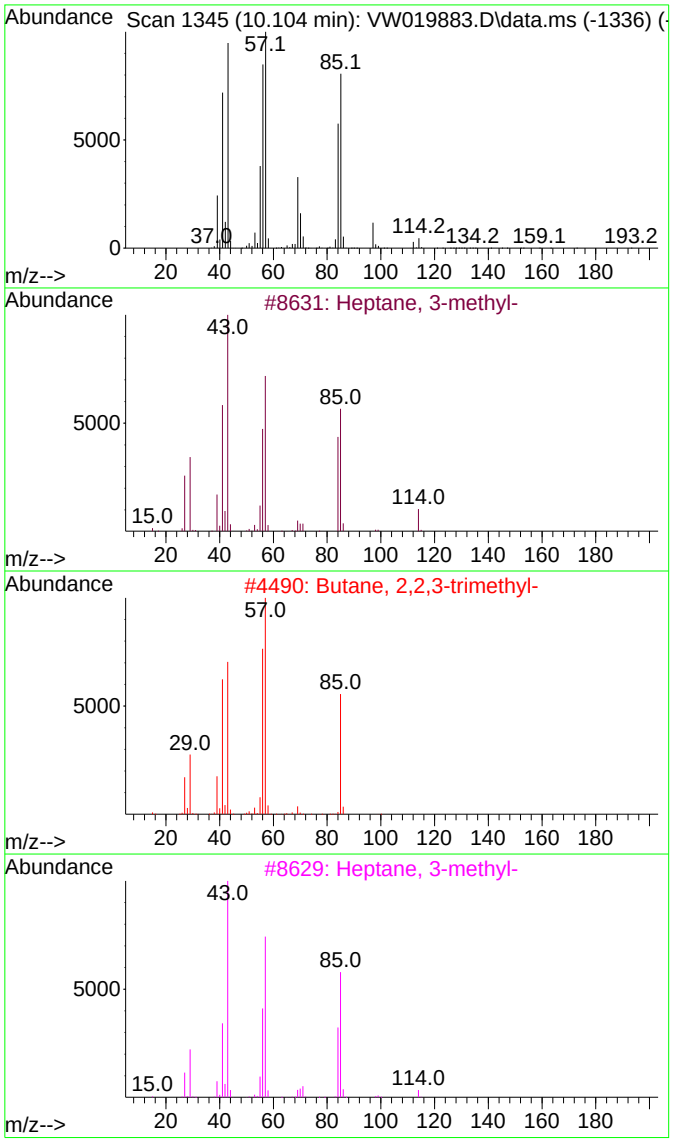
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

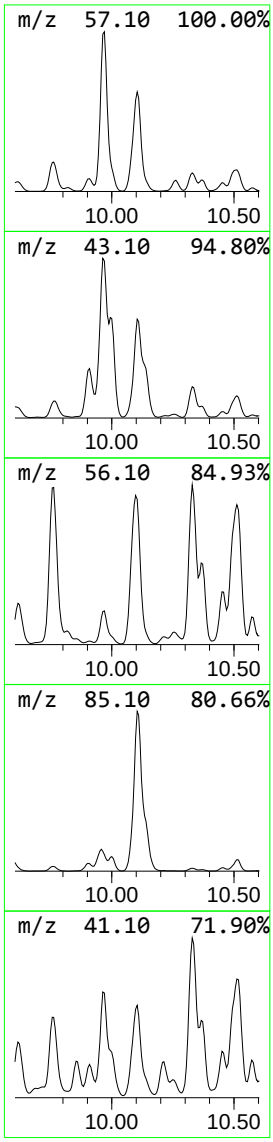
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	43.03 ug/L	50763400	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	72
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	58
4	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	53
5	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

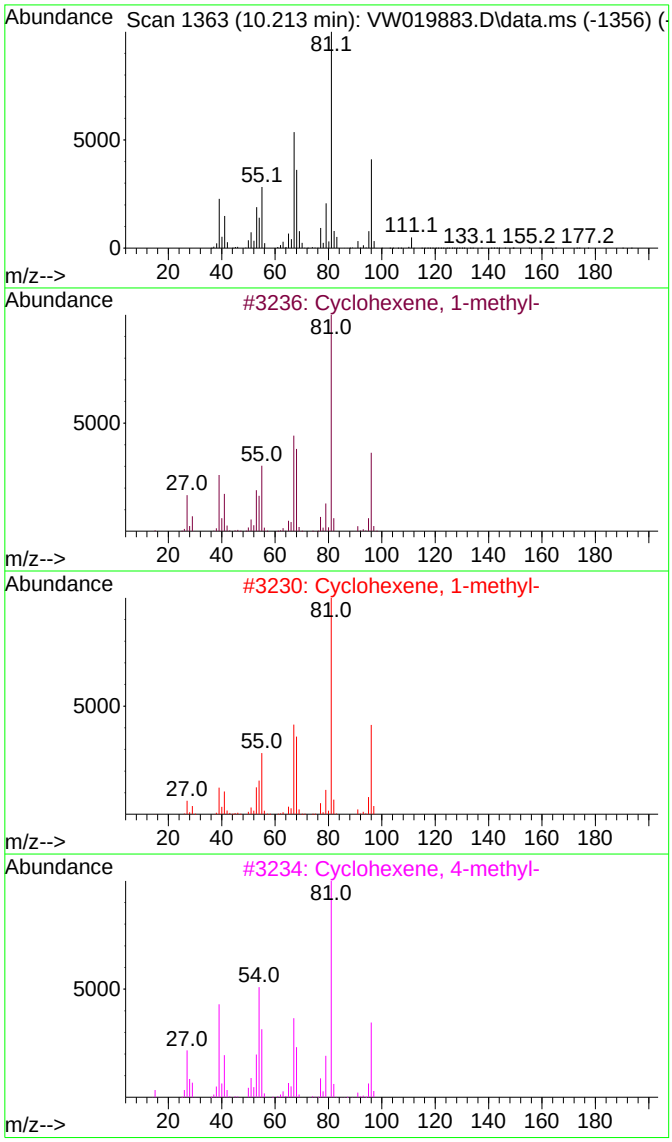
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

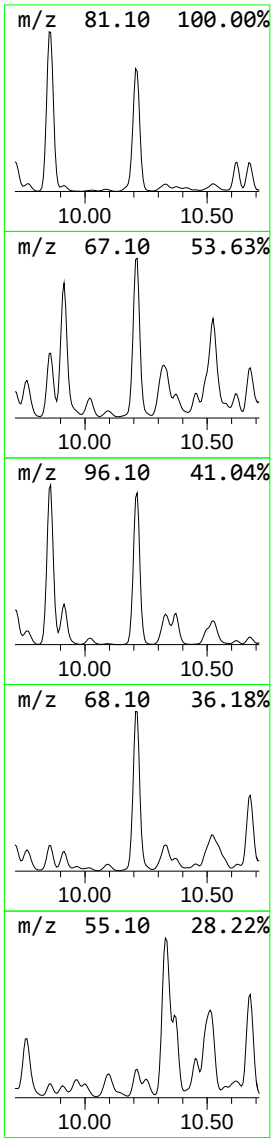
****

Peak Number 22 Cyclohexene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	42.10 ug/L	49661700	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81





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Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

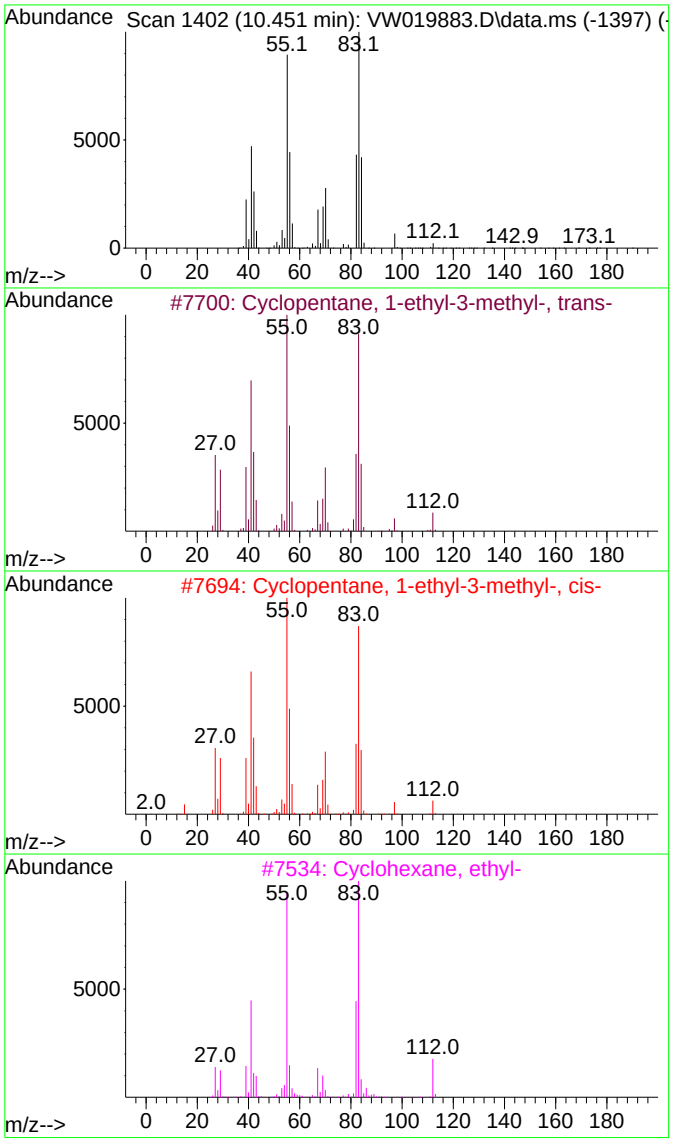
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

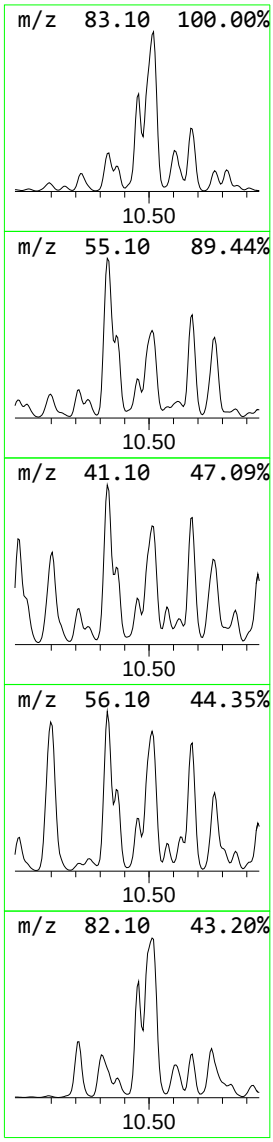
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic10.451 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	20.85 ug/L	16835200	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	83
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	83
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	47
5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

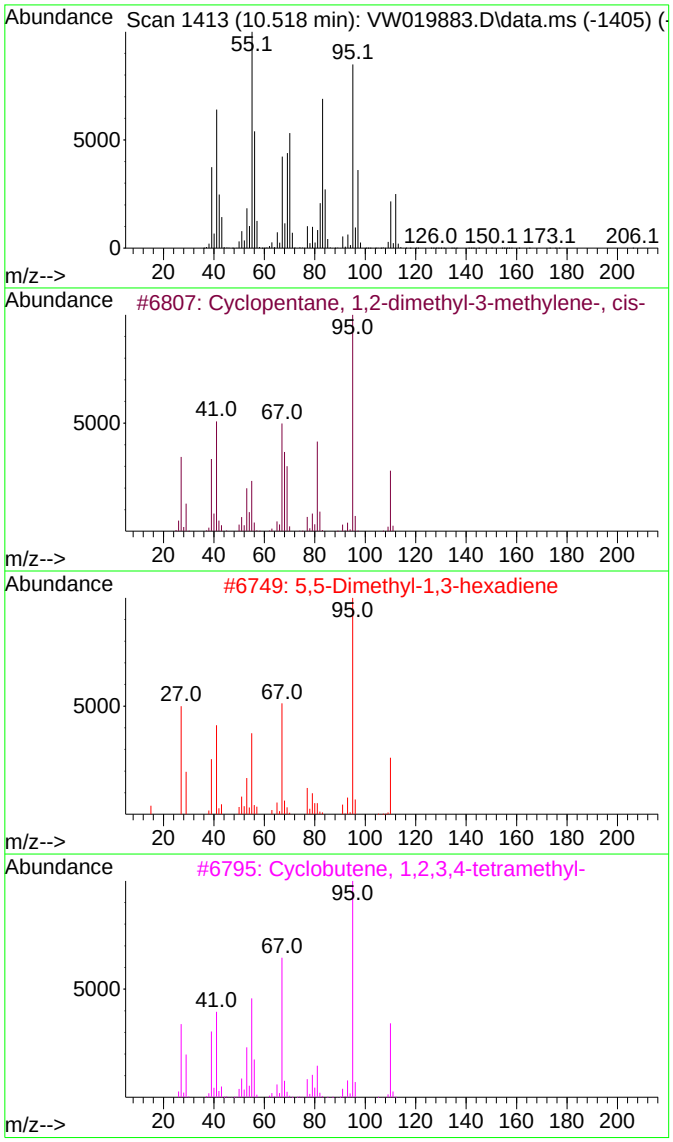
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

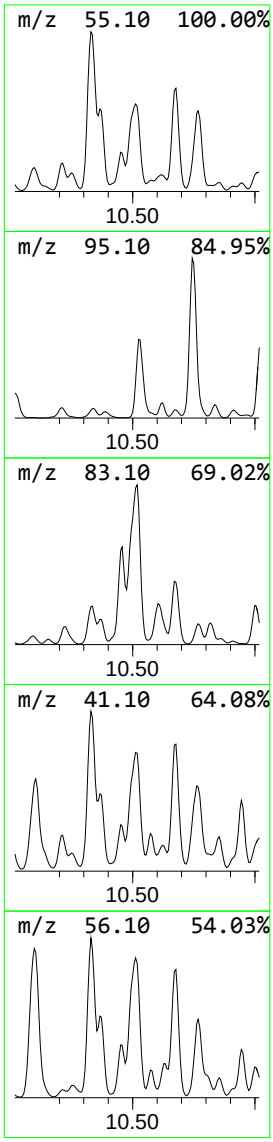
****

Peak Number 24 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.518	103.49 ug/L	83559700	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	46
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	46
3	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	46
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	46
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

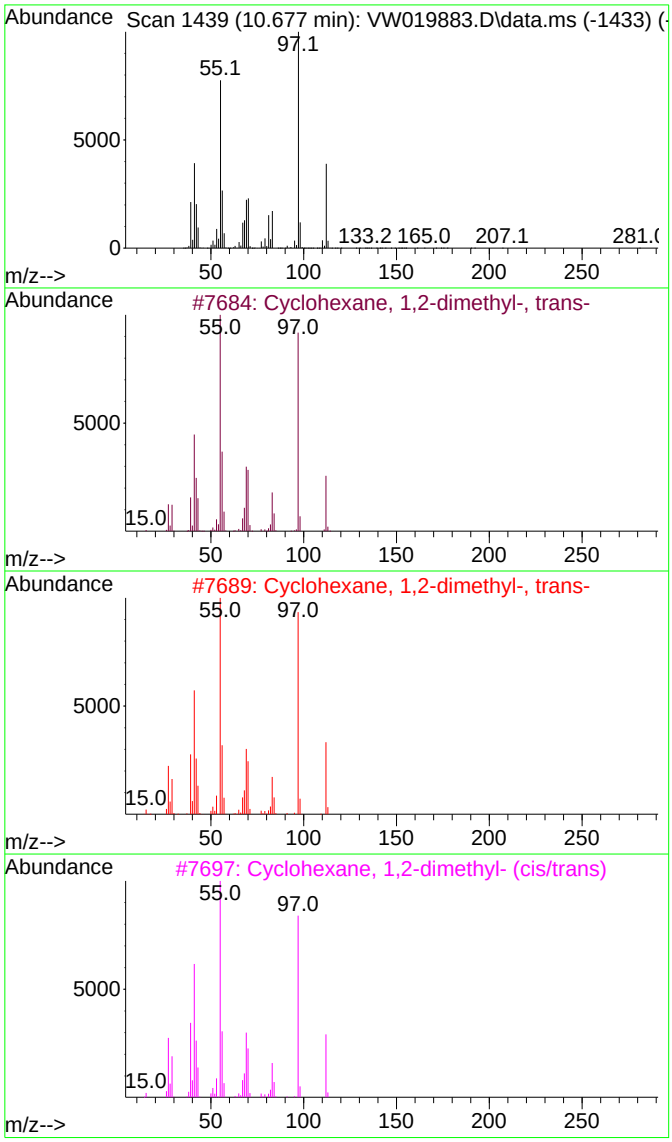
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

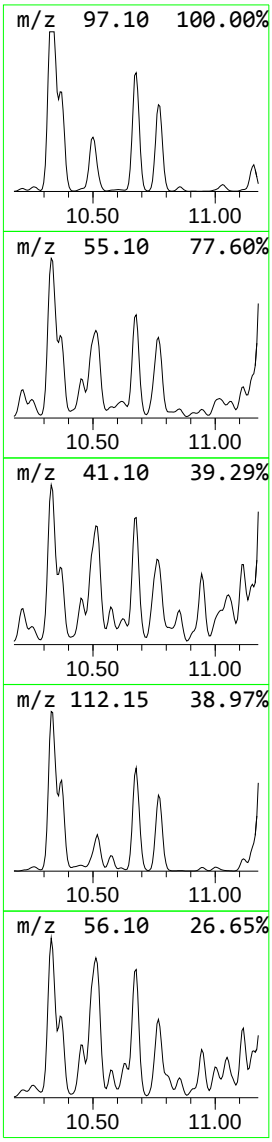
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic10.677 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	82.09 ug/L	66286200	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

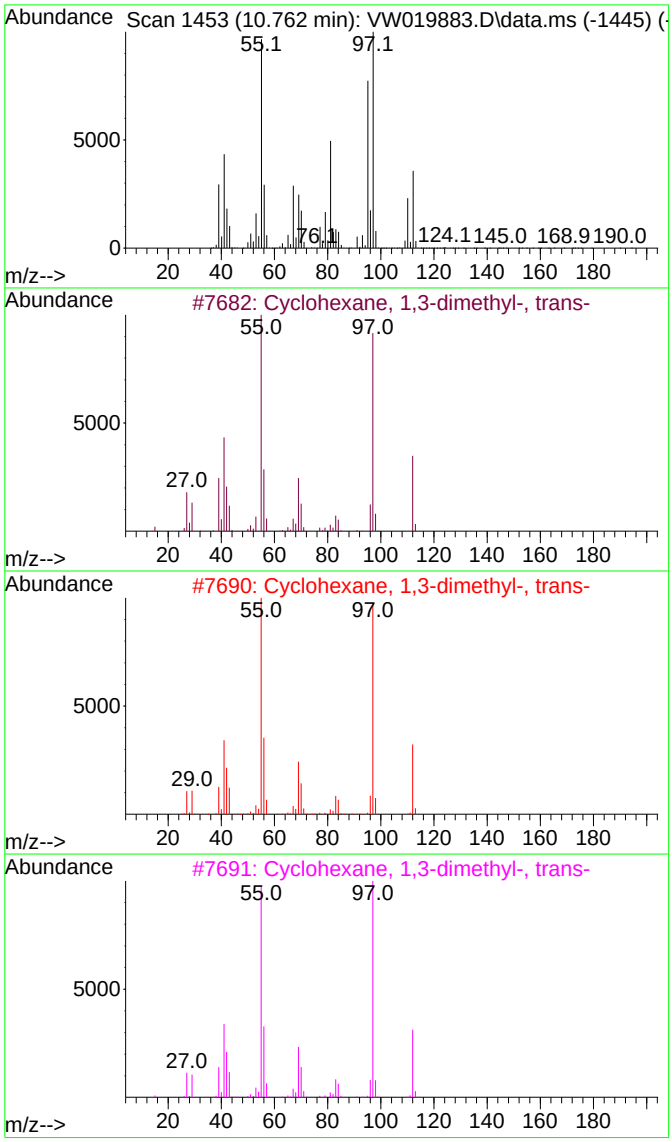
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

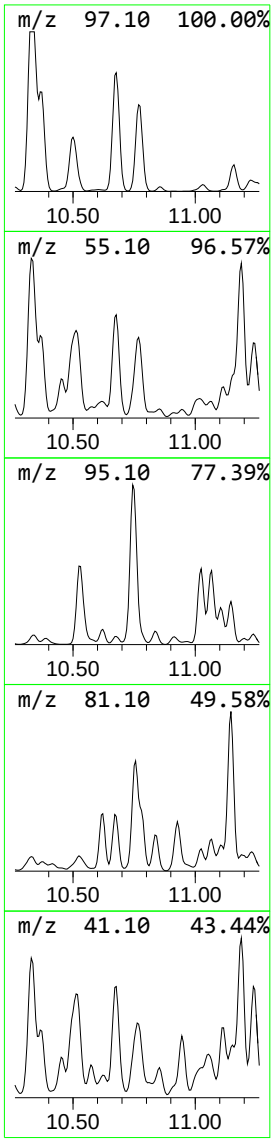
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic10.762 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	106.24 ug/L	85782800	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	60
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

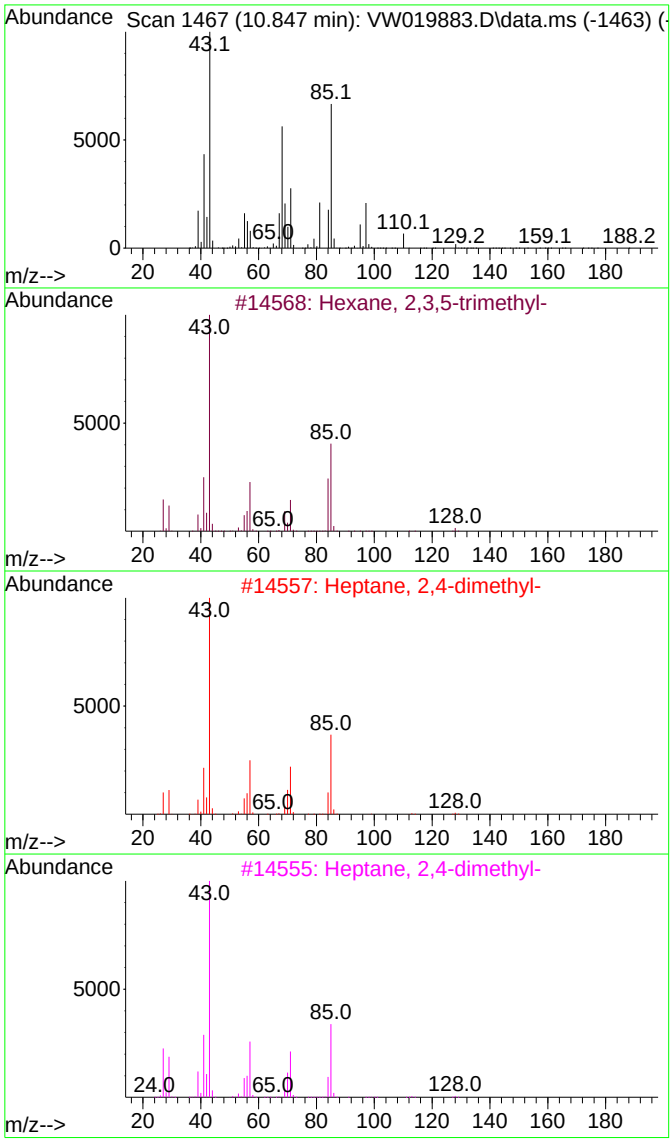
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

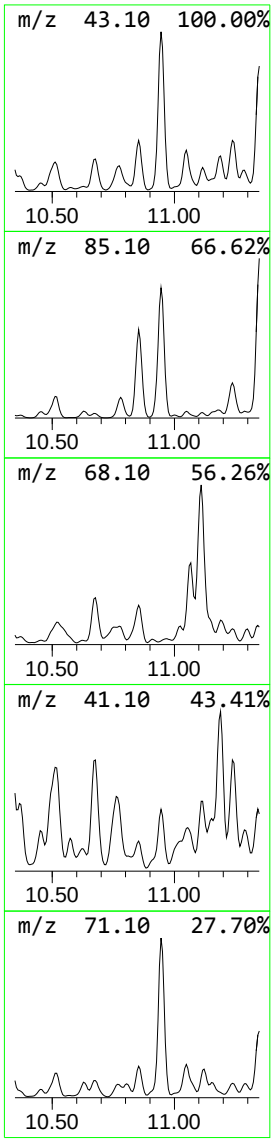
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	21.12 ug/L	17052900	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
4	Hexyl octyl ether	214	C14H30O	017071-54-4	35
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

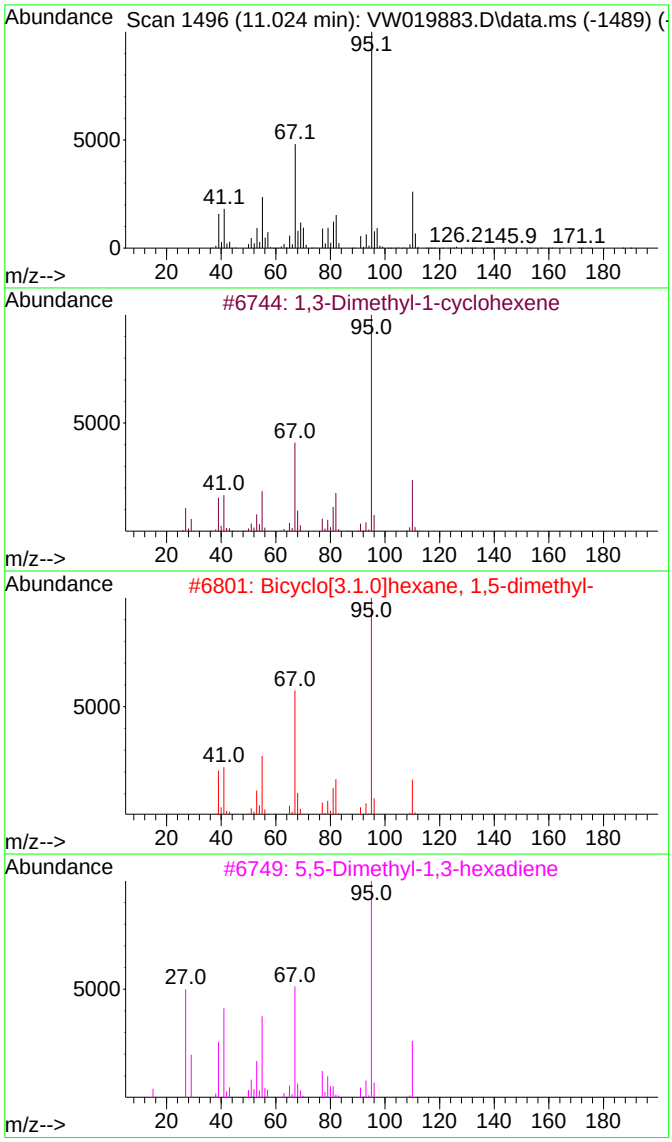
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

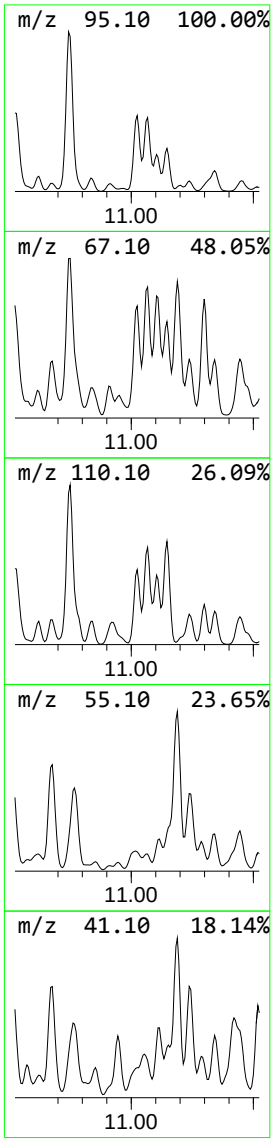
****

Peak Number 28 1,3-Dimethyl-1-cyclohexene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.024	33.06 ug/L	26694200	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	93
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	87
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	81
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	81
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

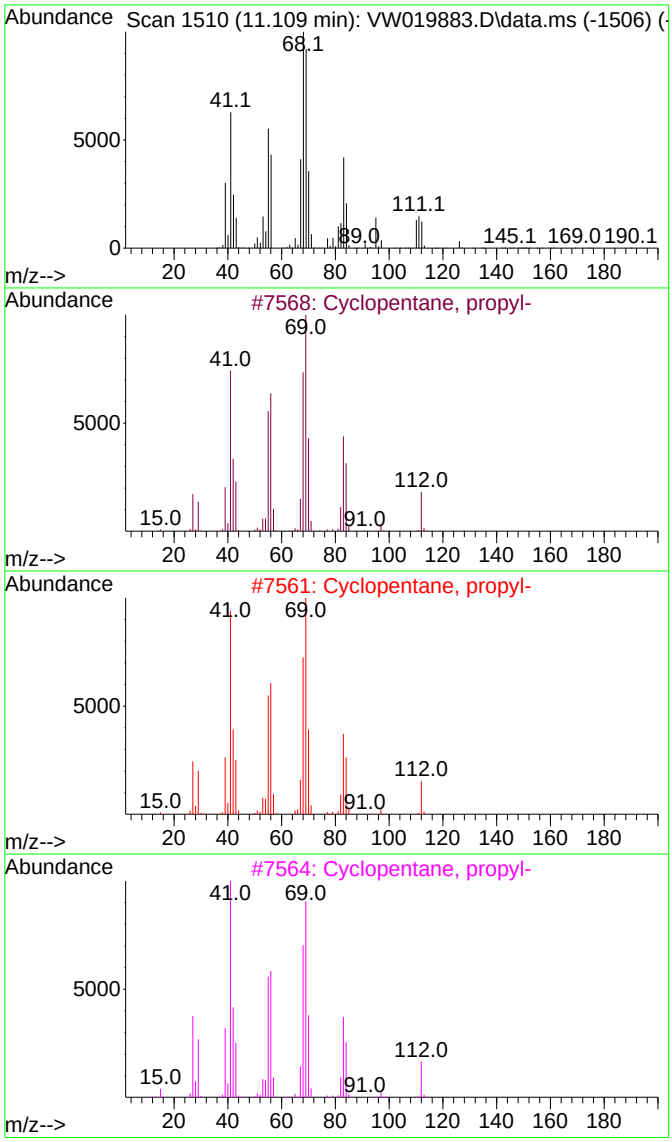
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

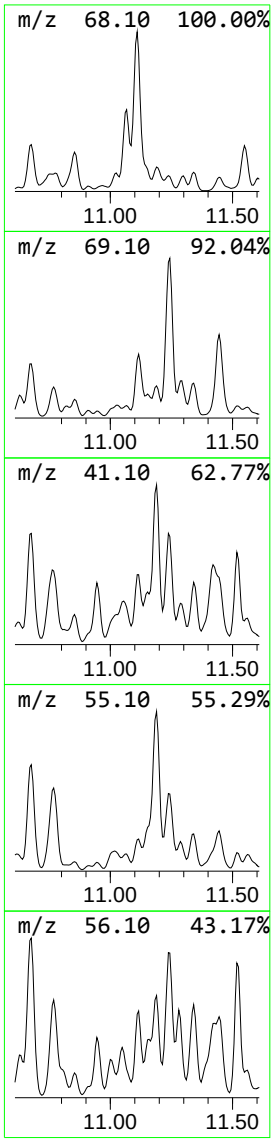
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic11.109 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	28.79 ug/L	23248700	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	70
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	70
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	70
4	8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	41
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

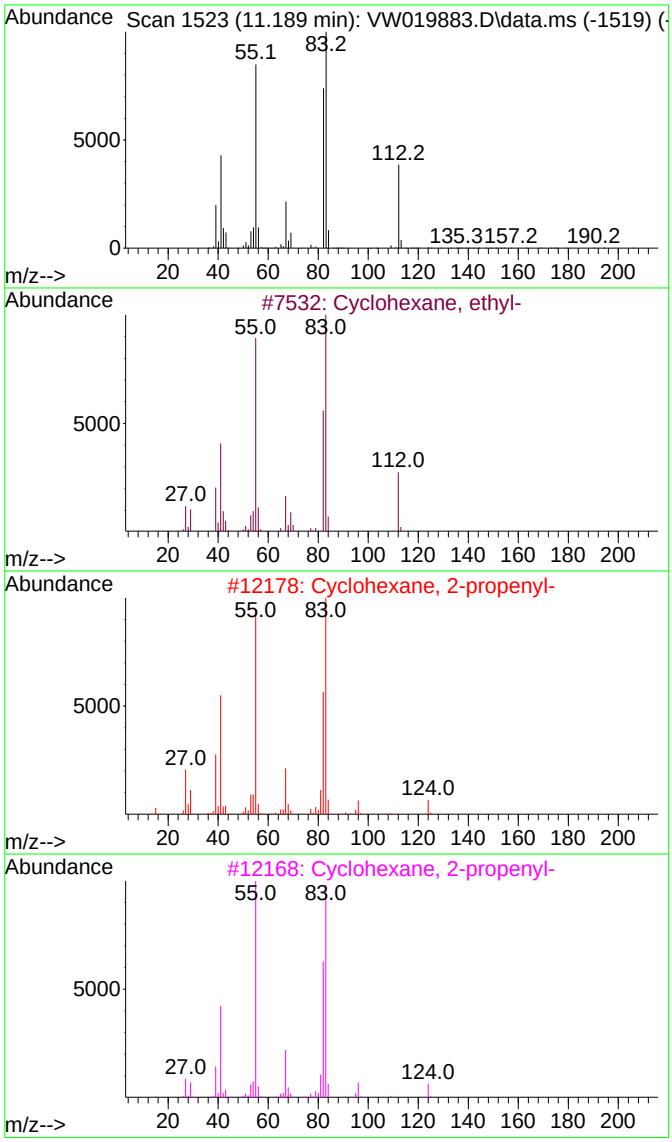
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

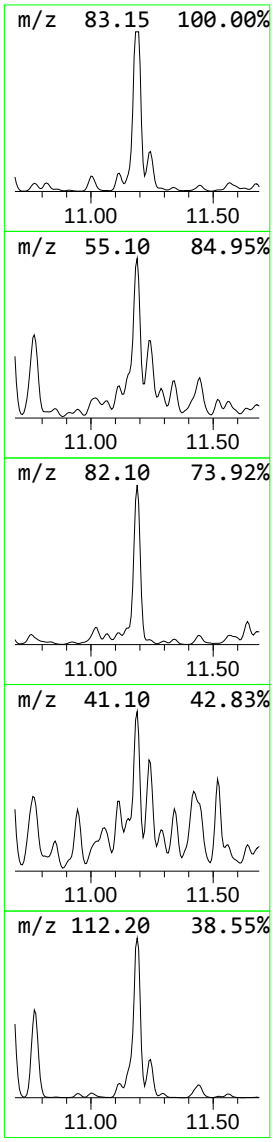
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic11.189 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.189	67.02 ug/L	54119300	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

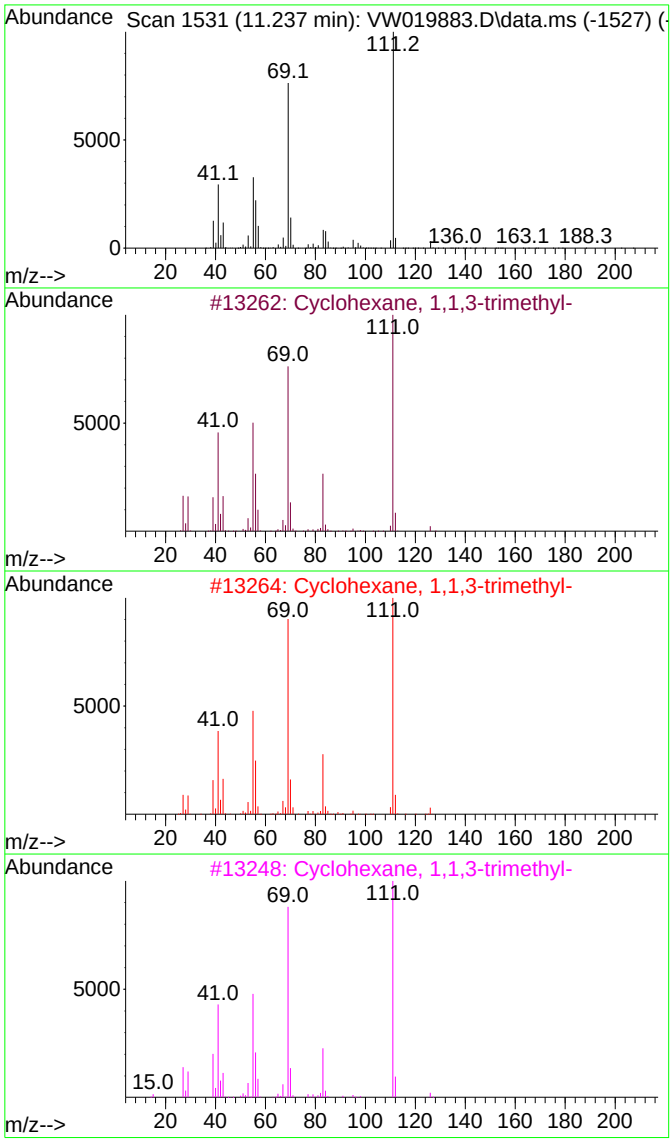
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

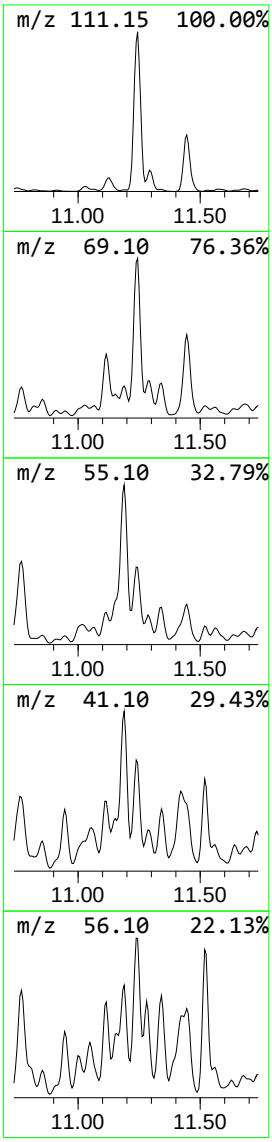
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic11.238 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.238	62.84 ug/L	50737400	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4	2-Cyclopenten-1-one, 3-methoxy-5...	126	C7H10O2	007180-60-1	59
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

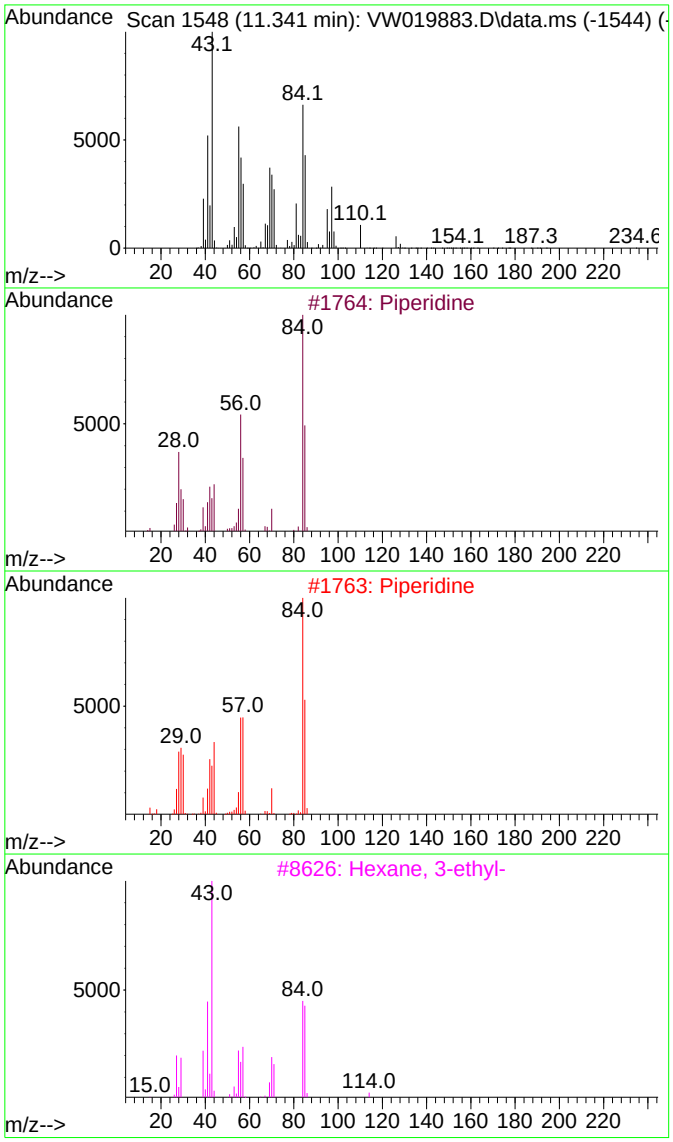
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

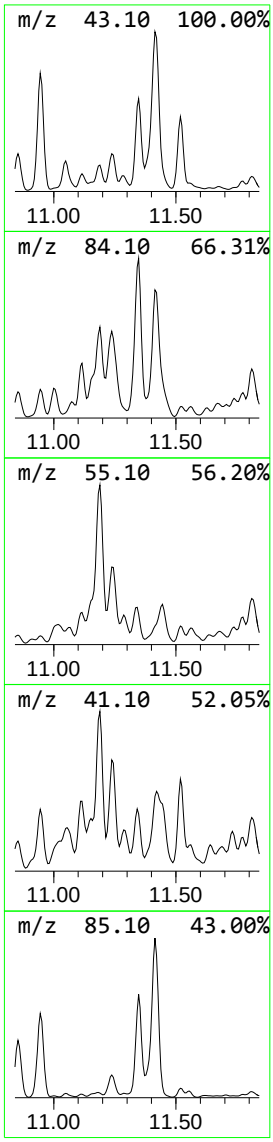
****

Peak Number 35 Piperidine Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	37.91 ug/L	30611400	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	52
2	Piperidine	85	C5H11N	000110-89-4	52
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

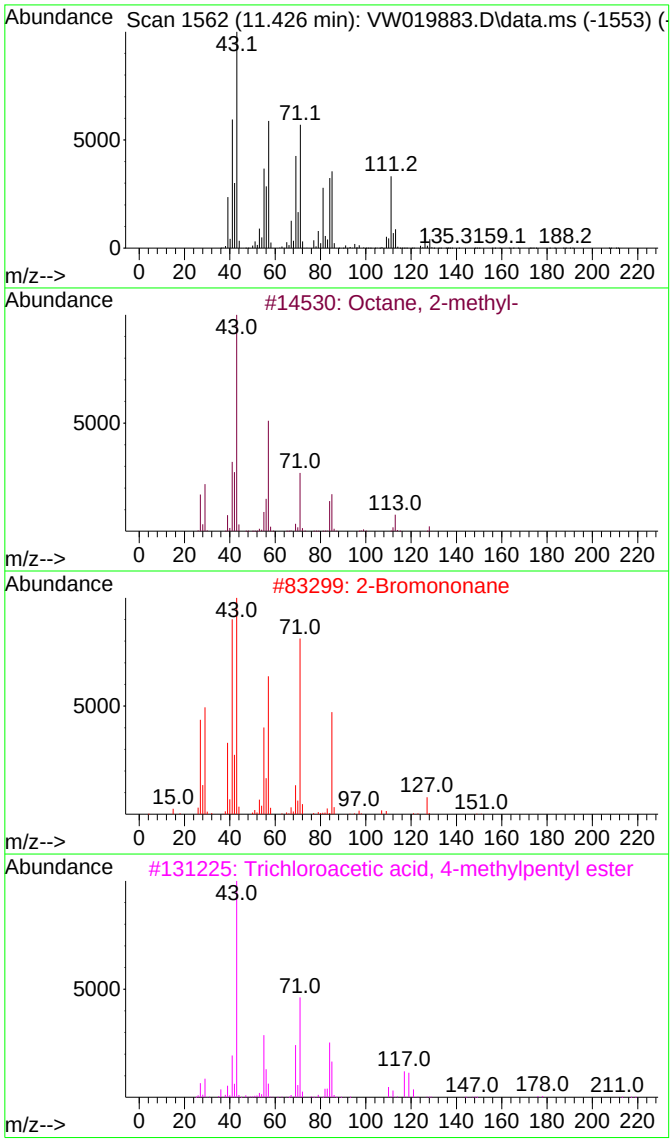
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

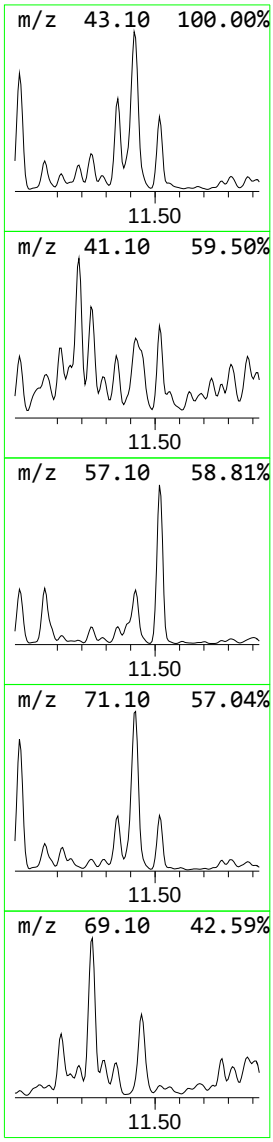
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	48.80 ug/L	39401400	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	68
2	2-Bromononane	206	C9H19Br	002216-35-5	35
3	Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	35
4	Octane	114	C8H18	000111-65-9	35
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

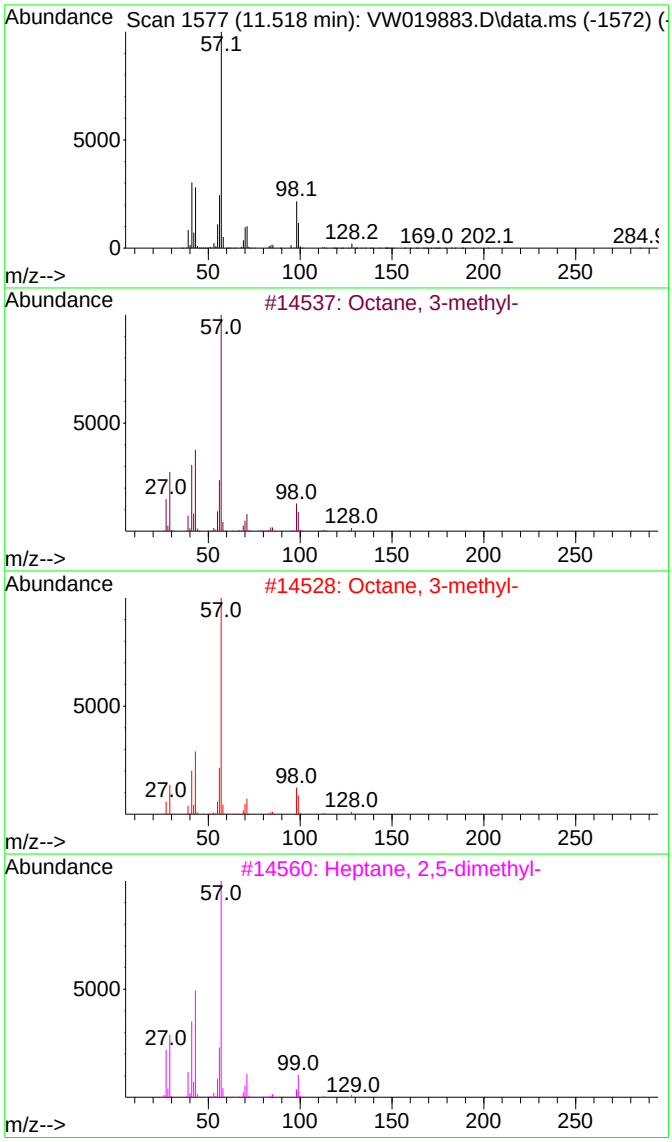
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

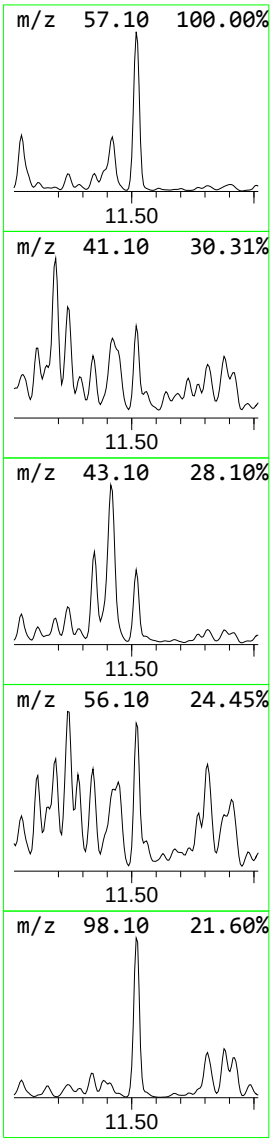
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.518	39.58 ug/L	31955700	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

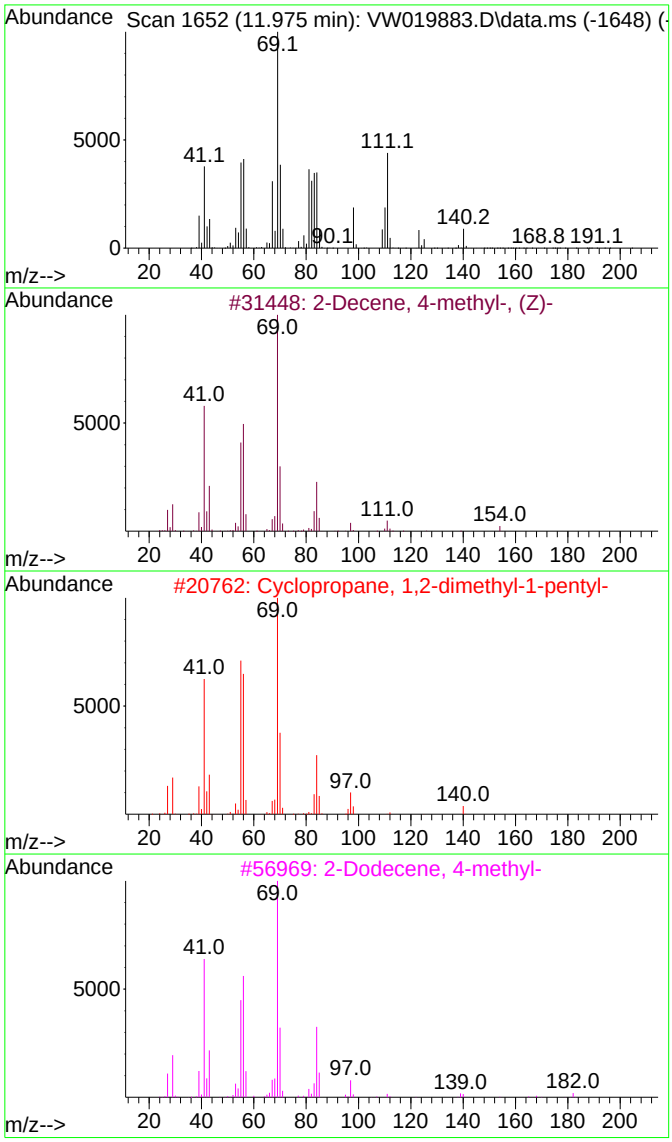
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

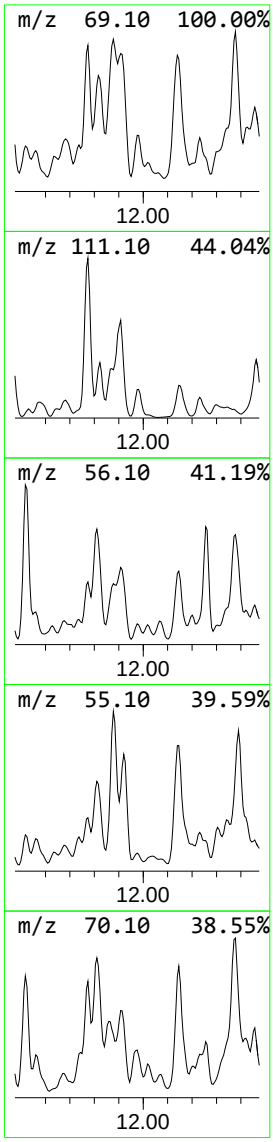
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.85 ug/L	3913800	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	50
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	50
3	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	43
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	35
5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

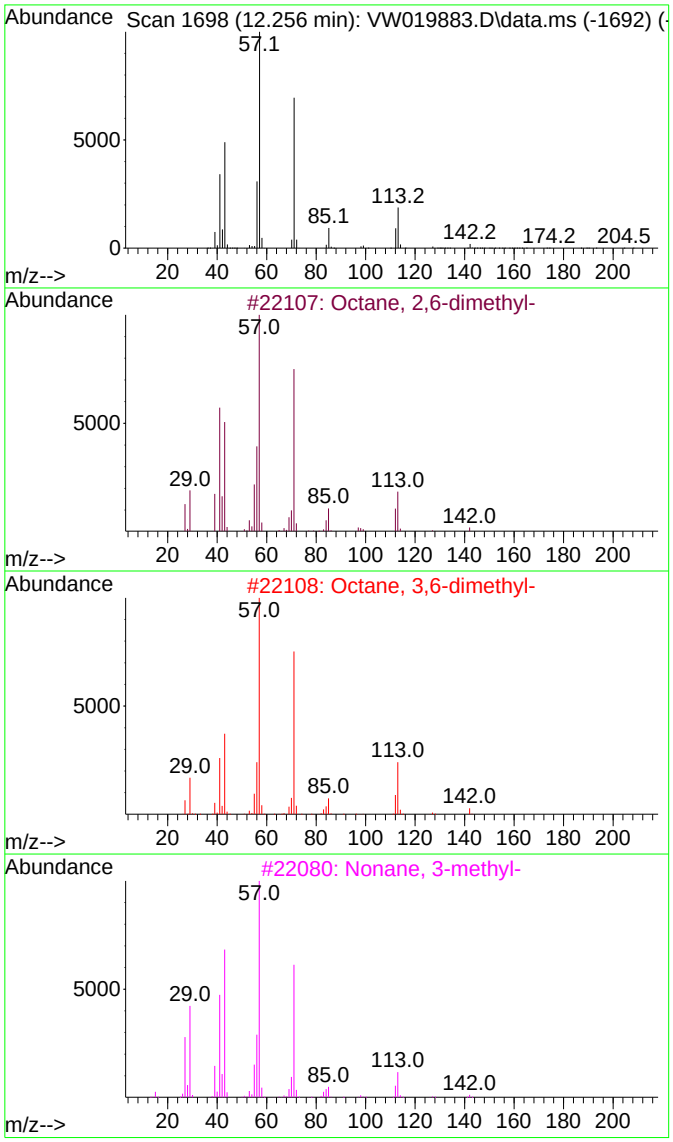
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

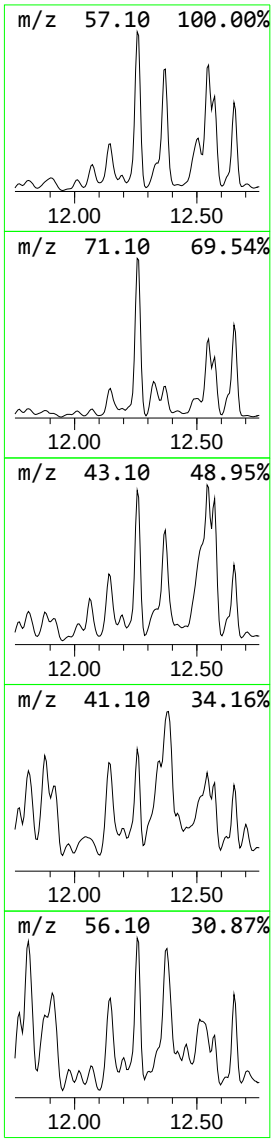
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.256	32.12 ug/L	25933500	Chlorobenzene-d5	11.634

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

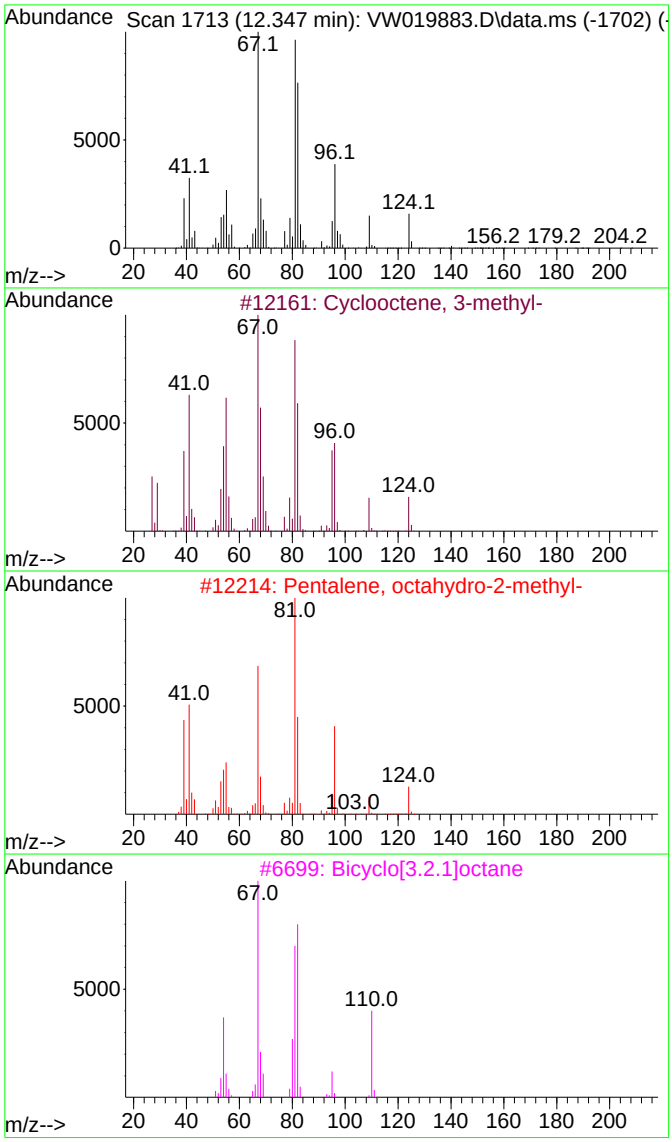
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

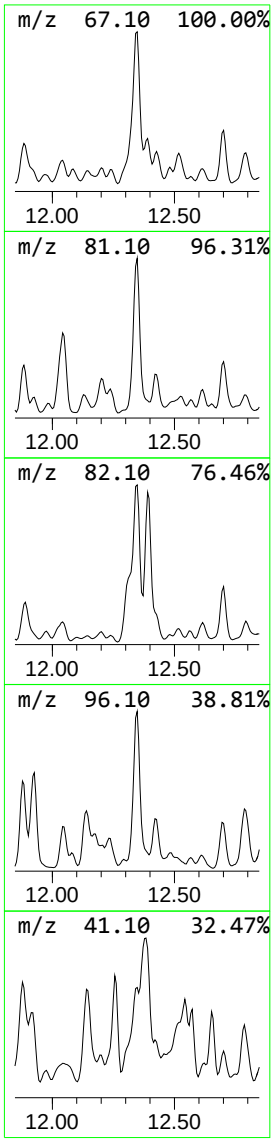
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Cyclooctene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.347	66.81 ug/L	53943100	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	87
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	76
3	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	74
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
5	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

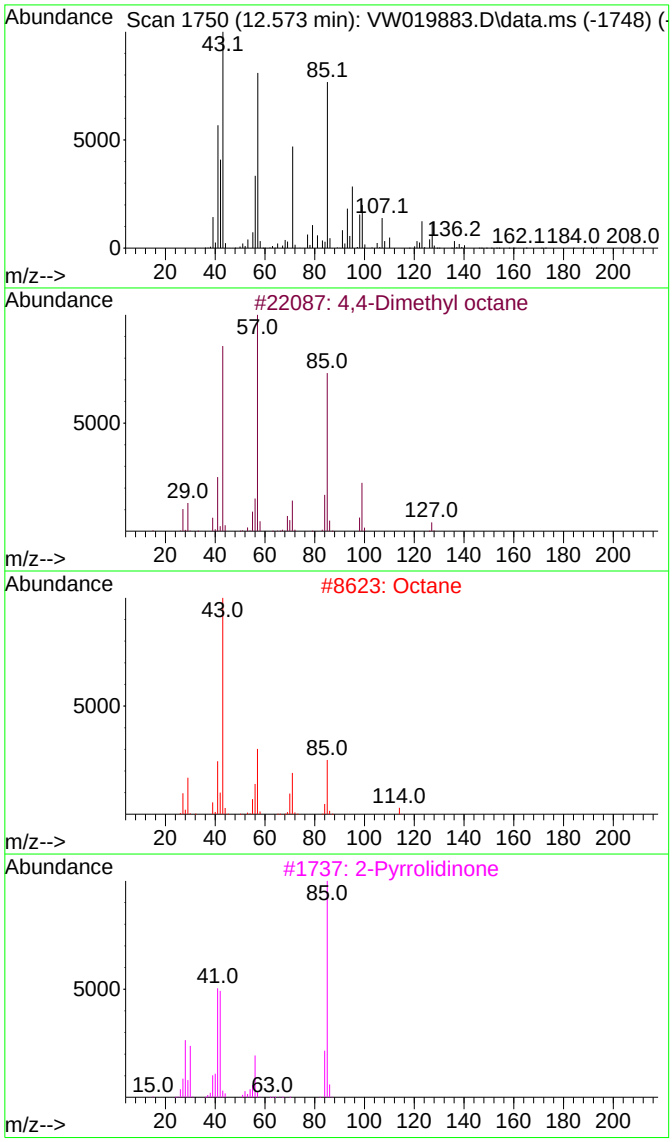
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

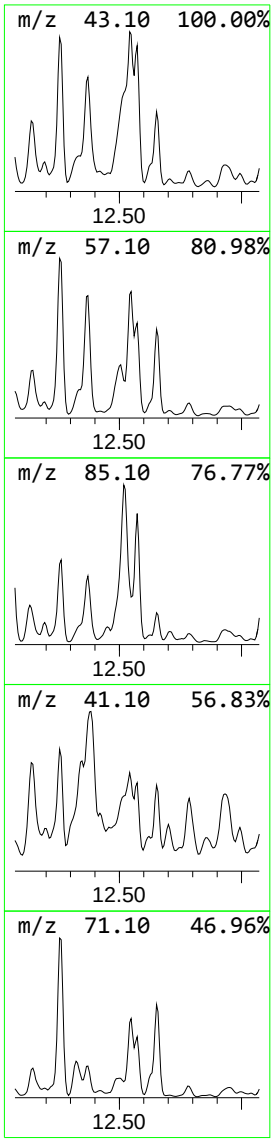
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.573	12.85 ug/L	10374000	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl octane	142	C10H22	015869-95-1	43
2	Octane	114	C8H18	000111-65-9	37
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	35
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	35
5	Octane	114	C8H18	000111-65-9	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

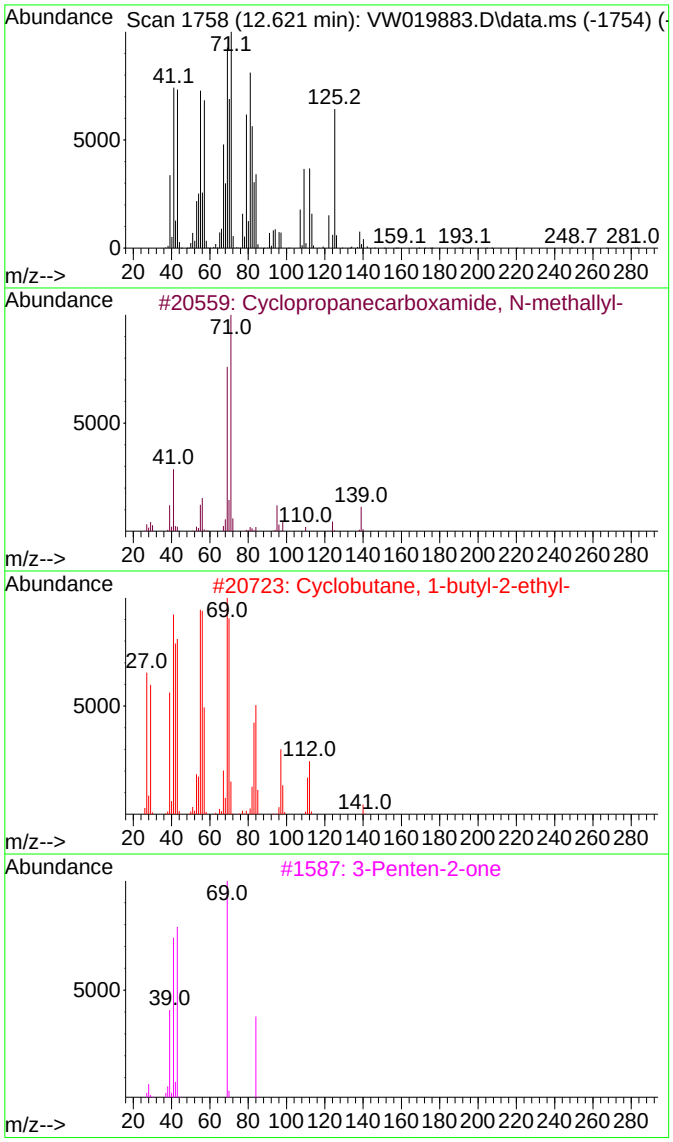
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

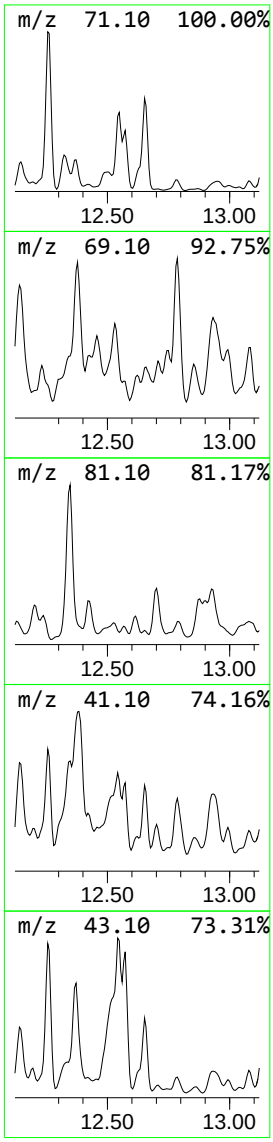
****

Peak Number 44 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	30.67 ug/L	5290320	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxamide, N-metha...	139	C8H13NO	1000340-05-6	25
2	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	18
3	3-Penten-2-one	84	C5H8O	000625-33-2	11
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	11
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

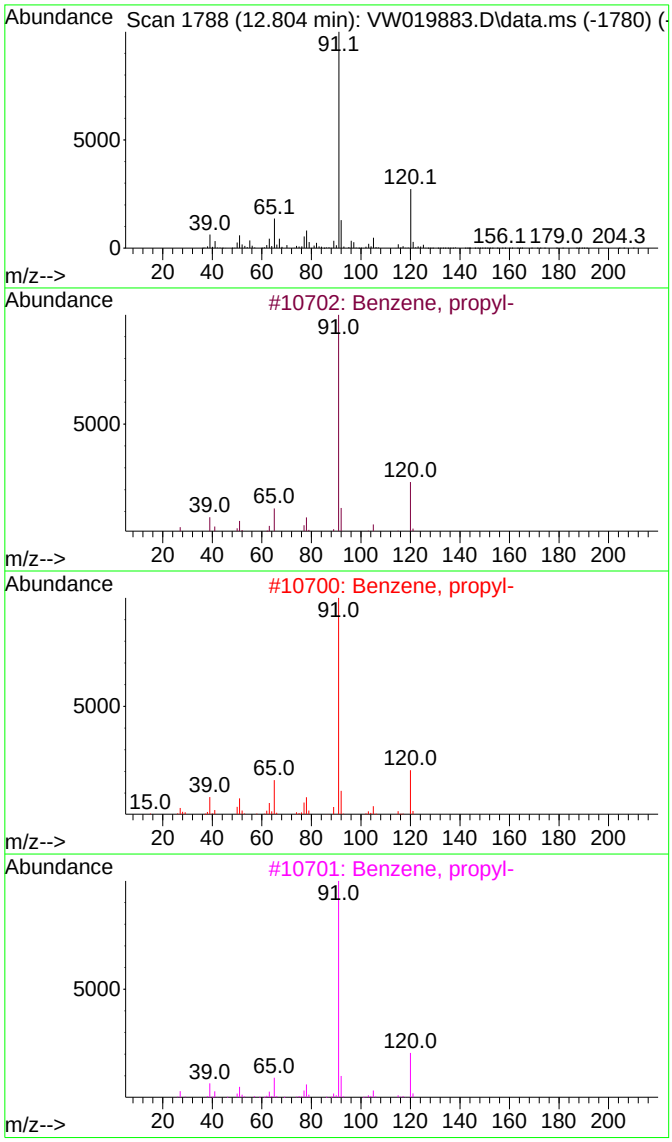
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

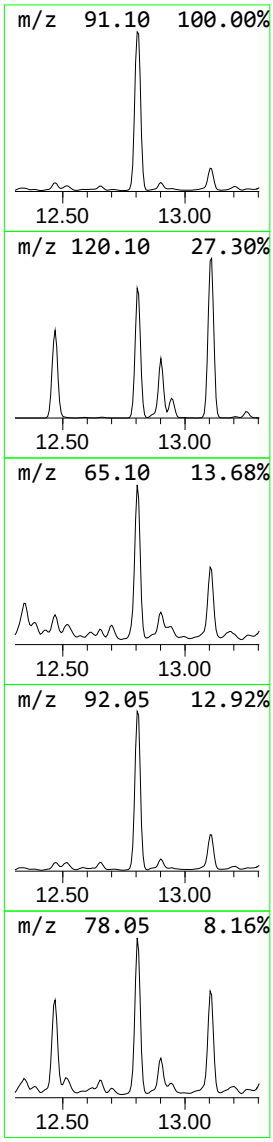
****

Peak Number 45 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	247.26 ug/L	42655300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	93
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

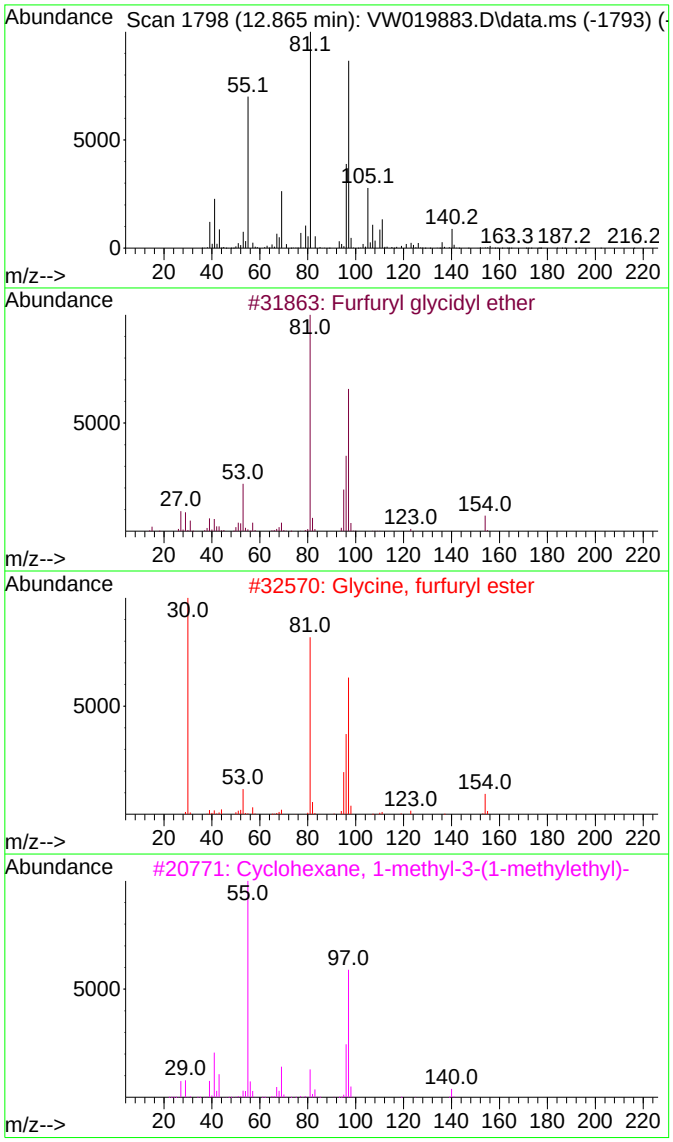
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

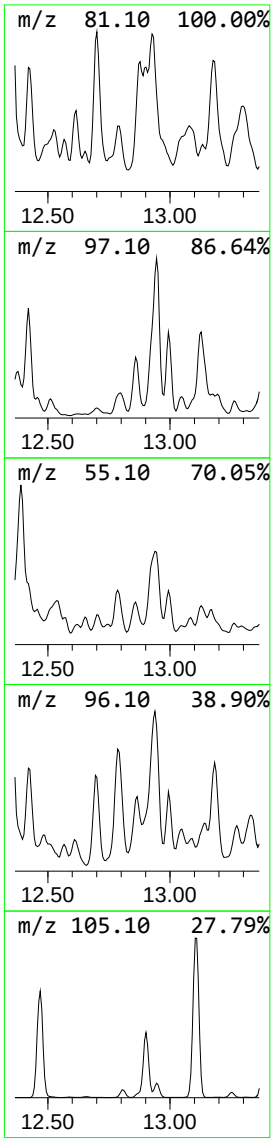
****

Peak Number 46 Furfuryl glycidyl ether Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	33.22 ug/L	5730310	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	59
2	Glycine, furfuryl ester	155	C7H9NO3	1000306-78-7	45
3	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5	Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

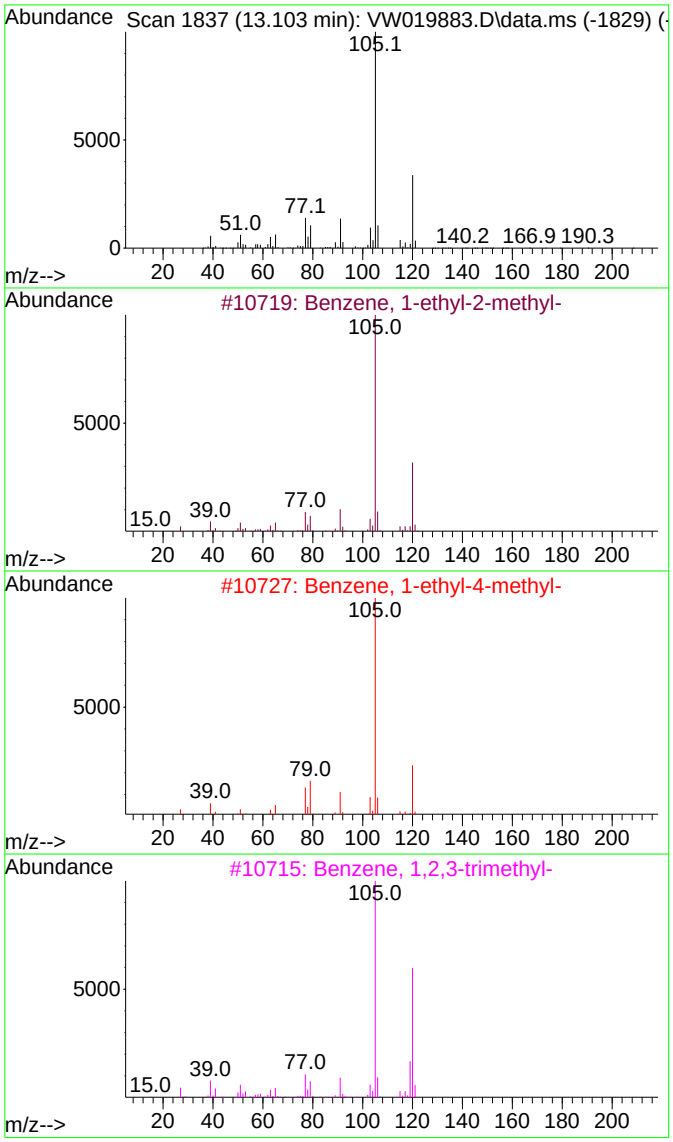
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

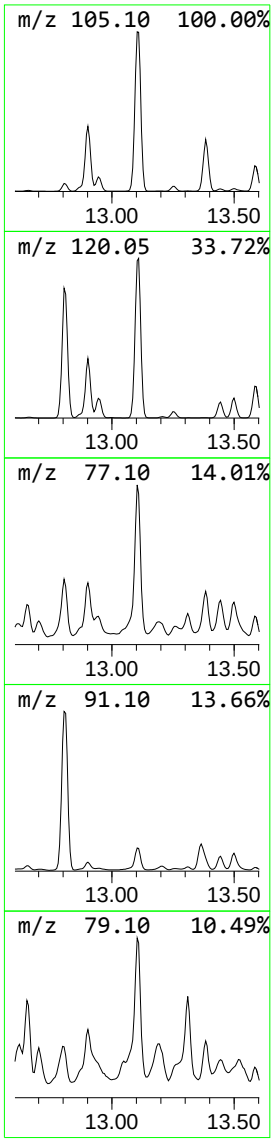
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	280.19 ug/L	48335200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

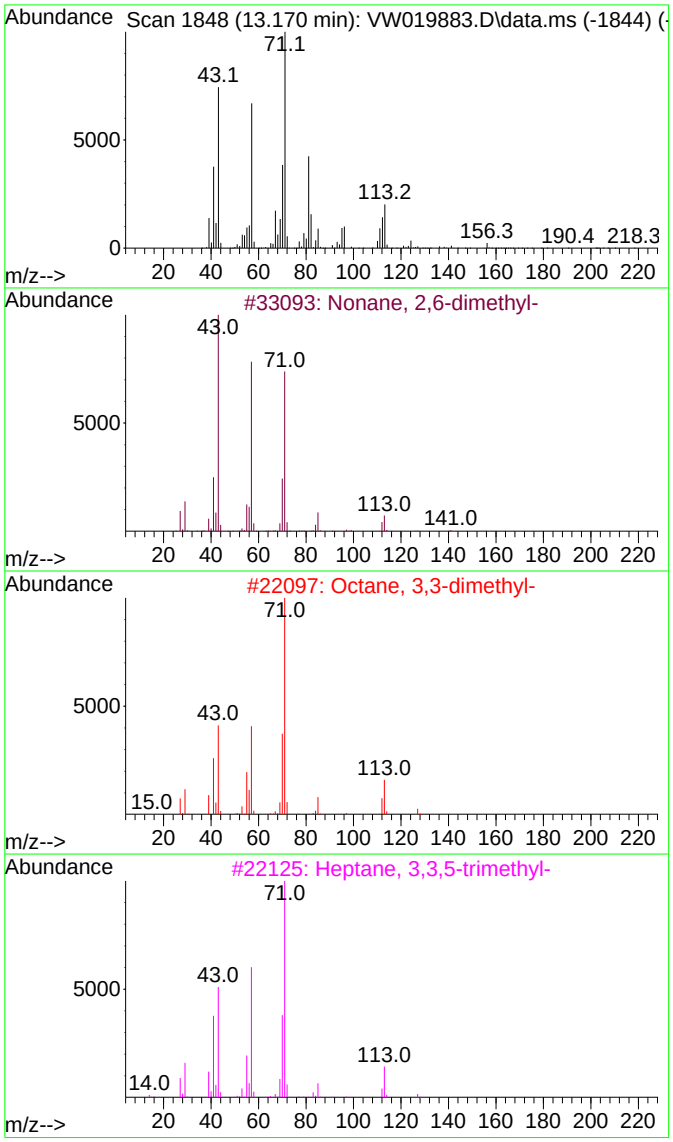
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

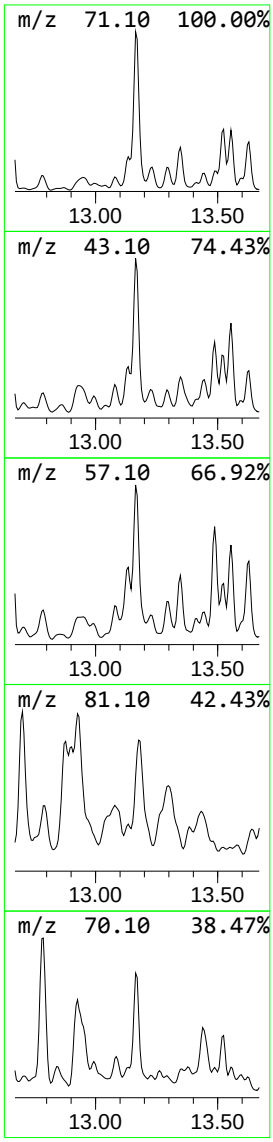
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	138.18 ug/L	23838000	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
5	Decane, 4-methyl-	156	C11H24	002847-72-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

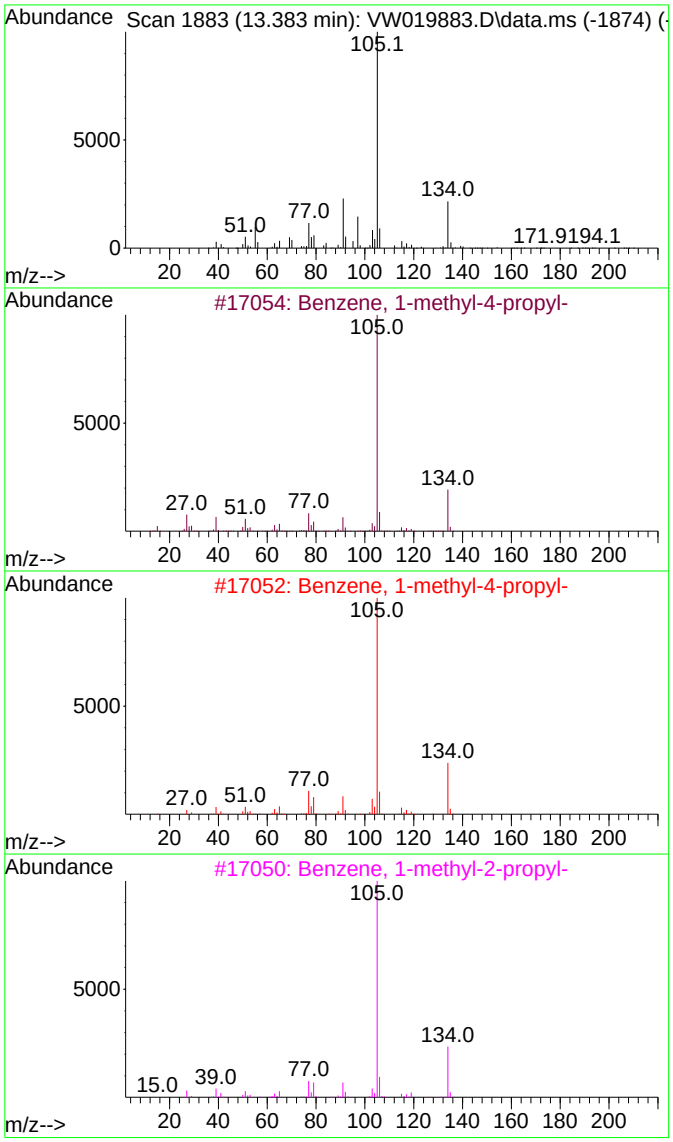
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

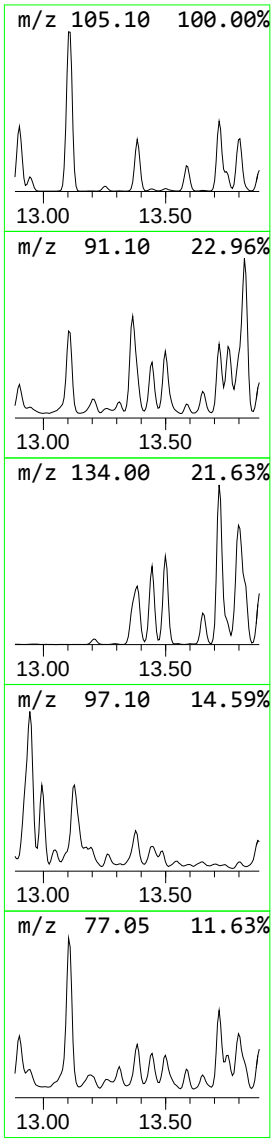
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.383	88.93 ug/L	15342000	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

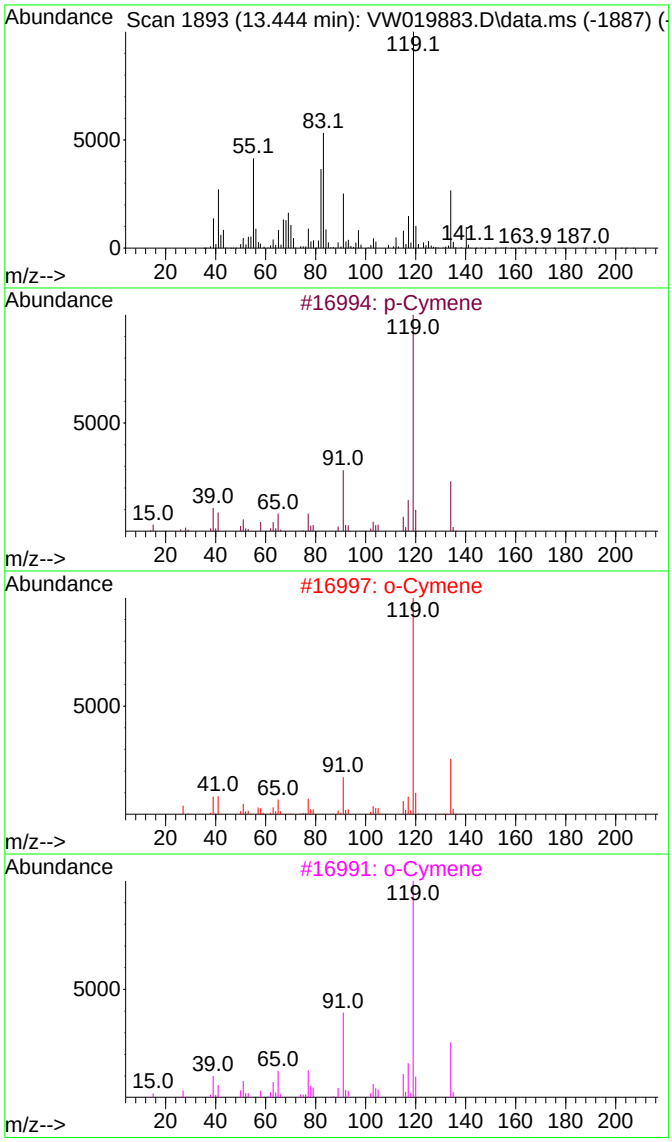
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

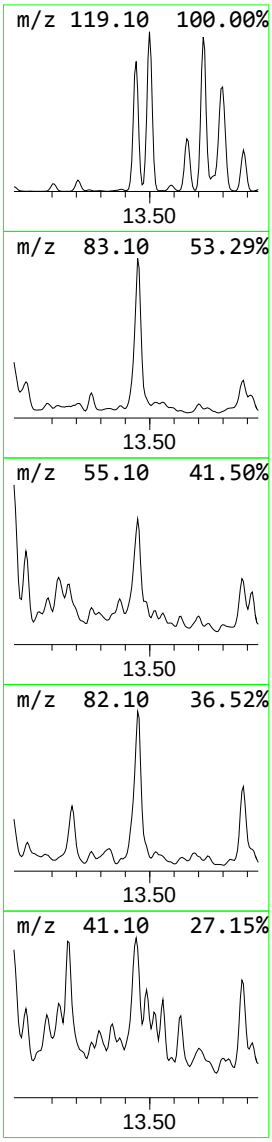
****

Peak Number 50 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	170.38 ug/L	29392600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	92
2	o-Cymene	134	C10H14	000527-84-4	92
3	o-Cymene	134	C10H14	000527-84-4	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5	p-Cymene	134	C10H14	000099-87-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

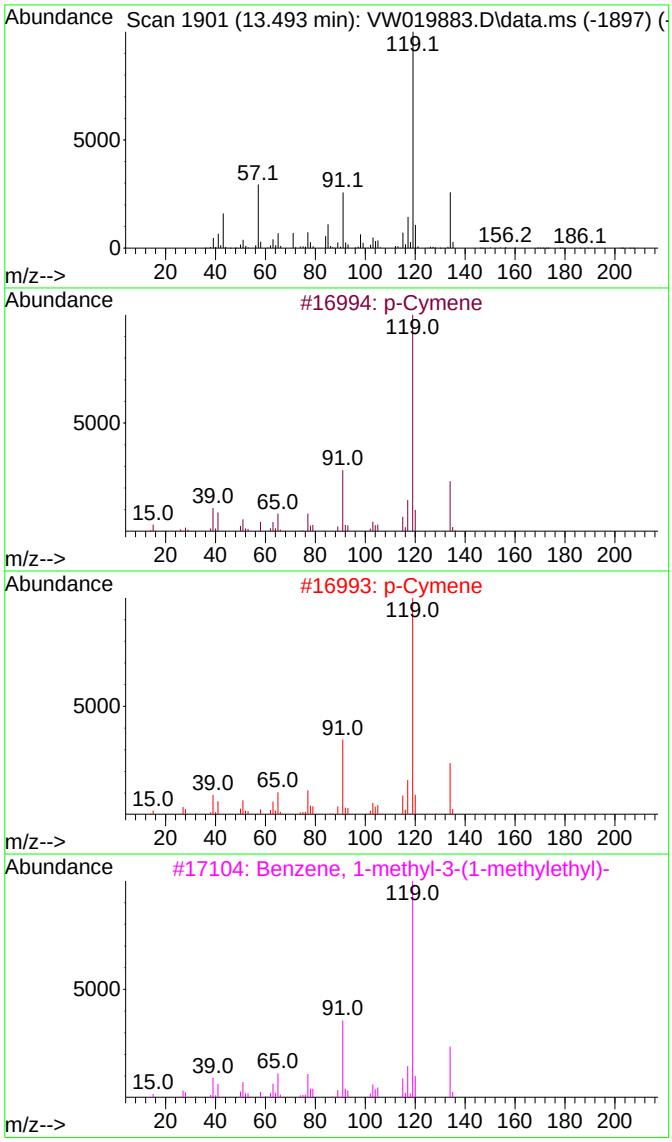
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

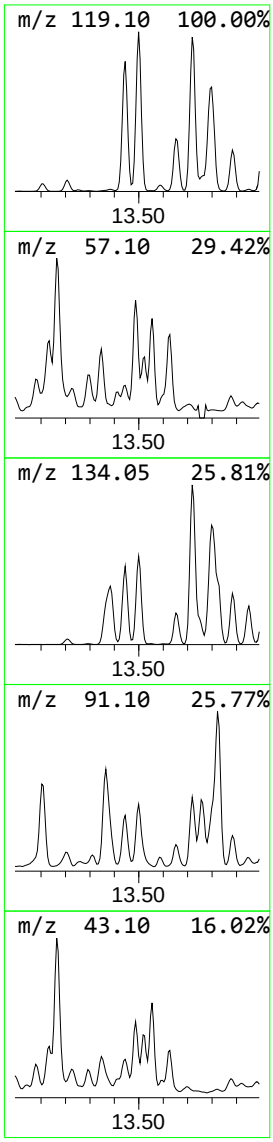
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	118.08 ug/L	20371000	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

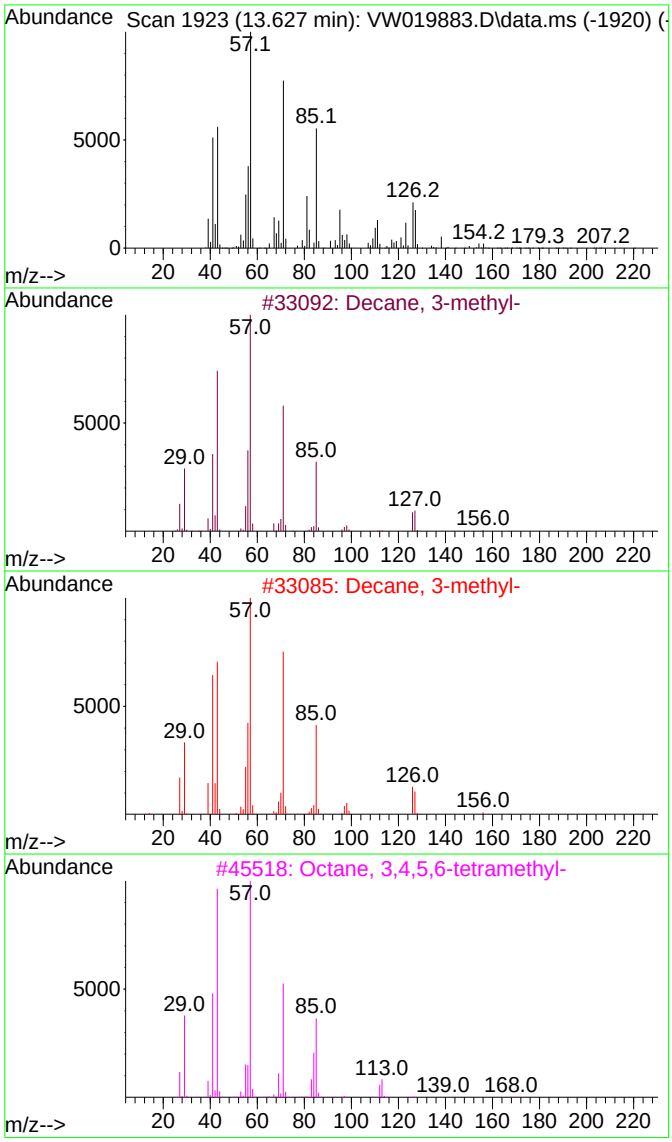
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

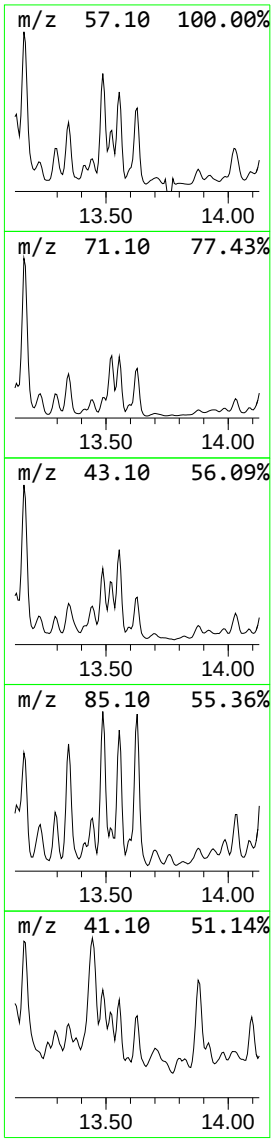
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	25.73 ug/L	4438310	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

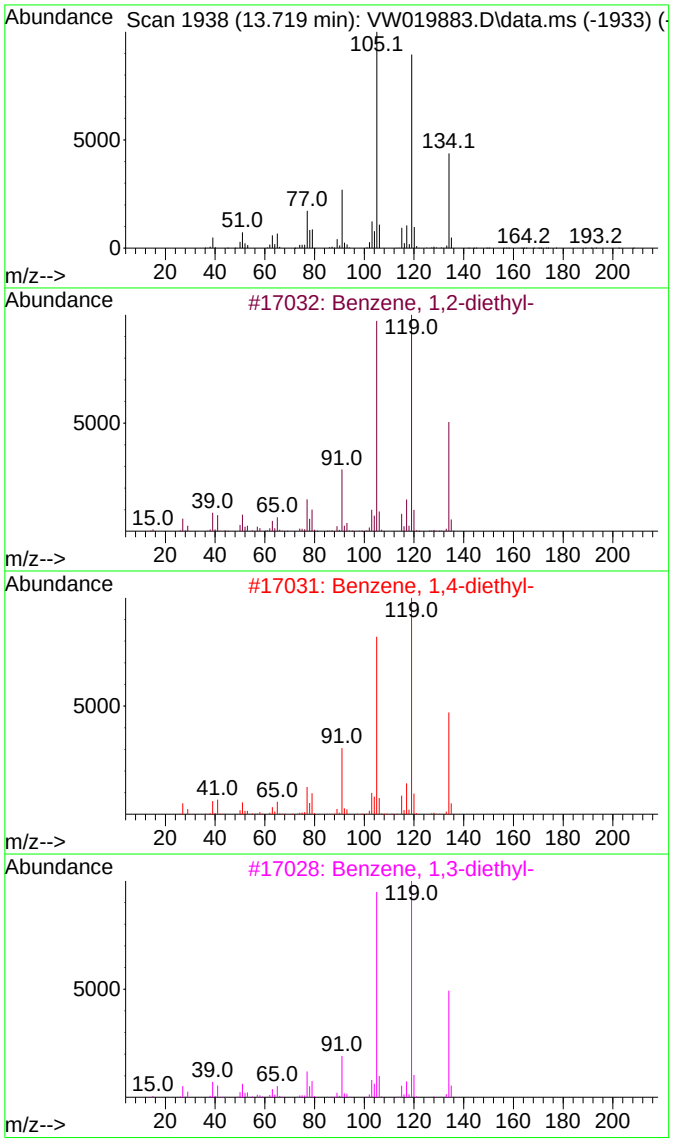
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

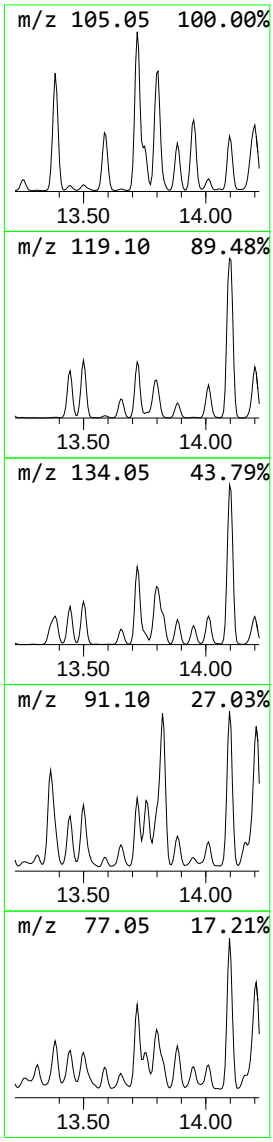
****

Peak Number 53 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	113.24 ug/L	19534700	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

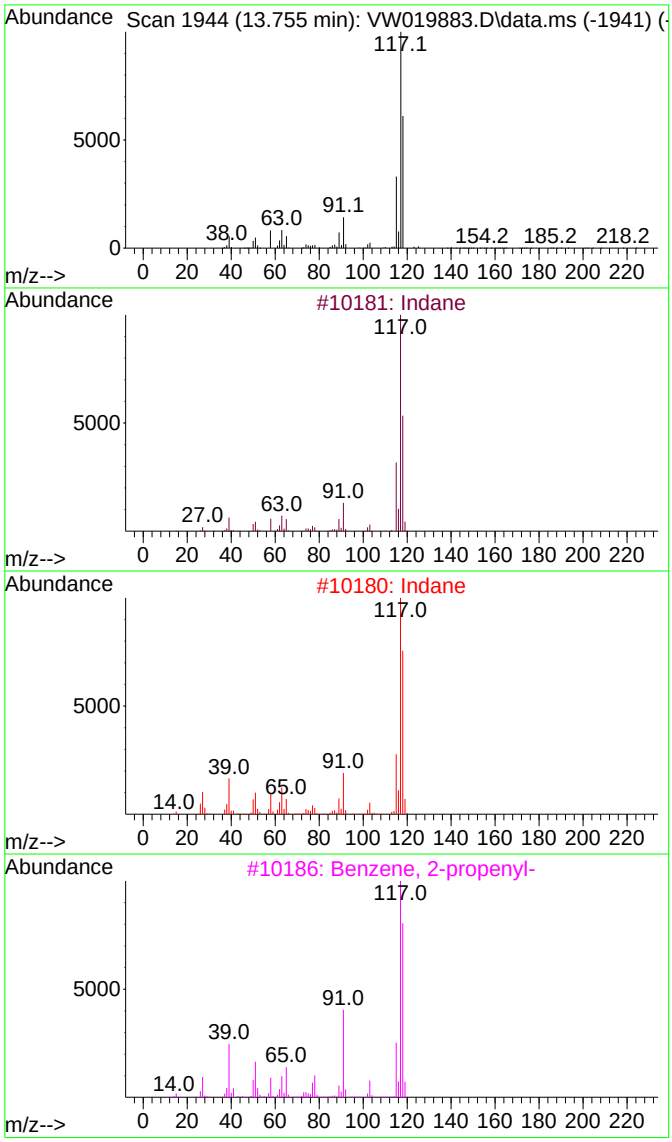
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

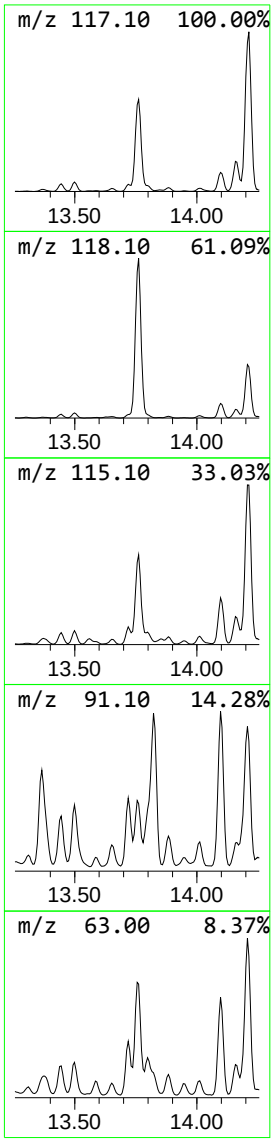
****

Peak Number 54 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	123.52 ug/L	21309200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Indane	118	C9H10	000496-11-7	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

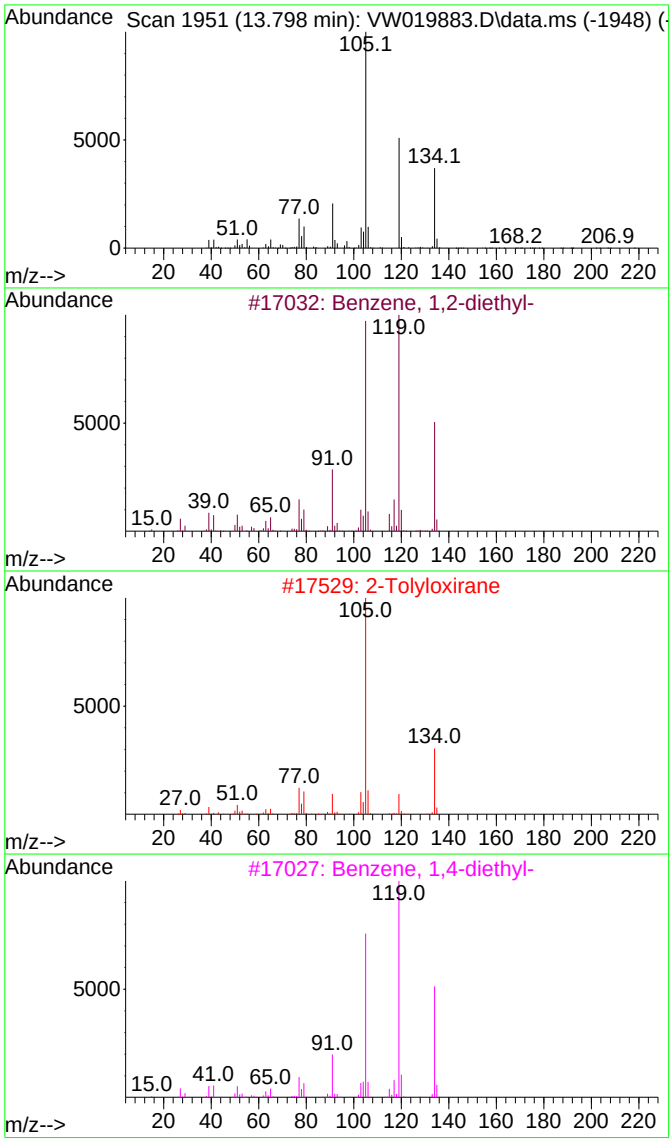
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

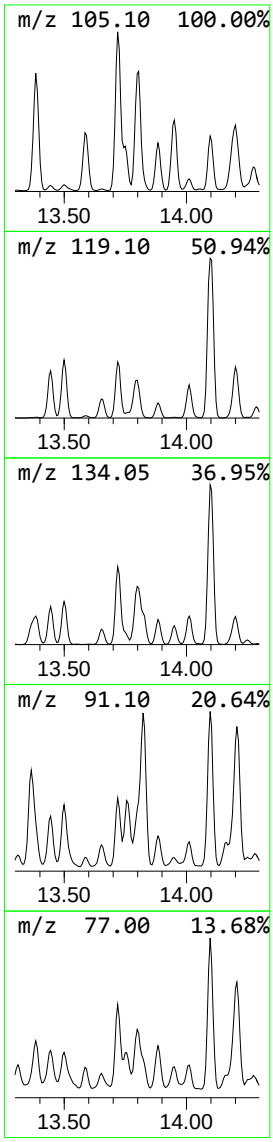
****

Peak Number 55 2-Tolyloxirane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	119.63 ug/L	20638000	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2	2-Tolyloxirane	134	C9H10O	002783-26-8	64
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

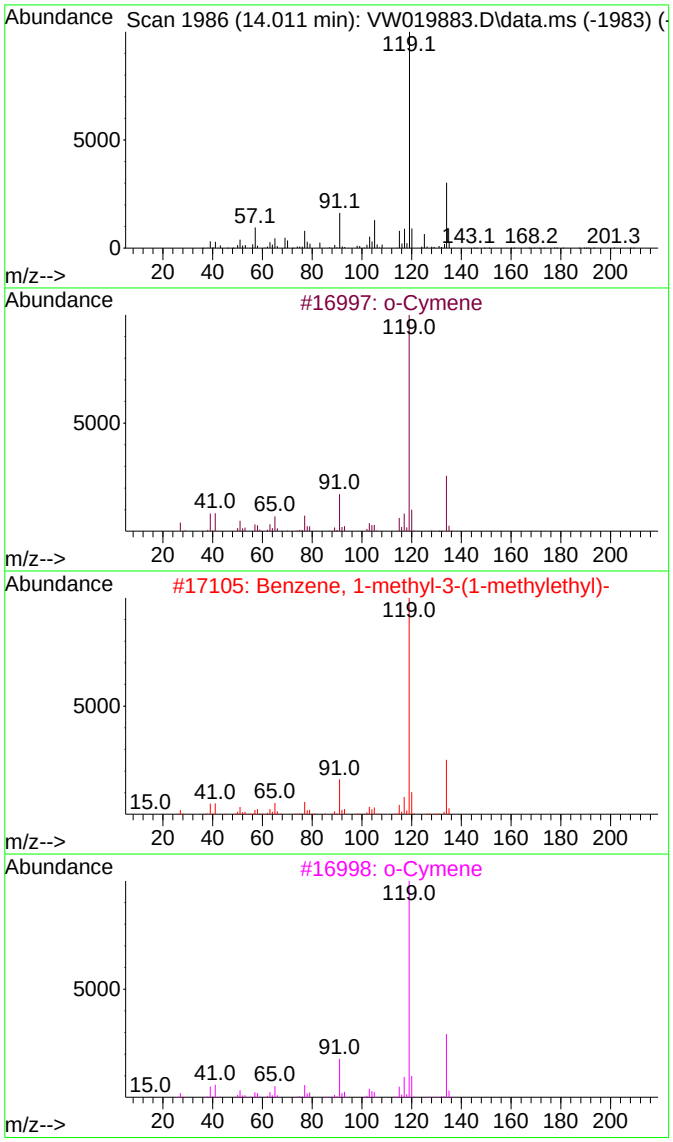
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

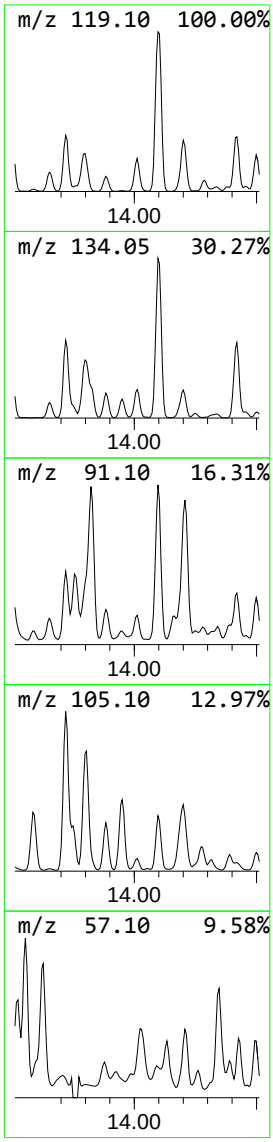
****

Peak Number 56 o-Cymene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	38.45 ug/L	6633570	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

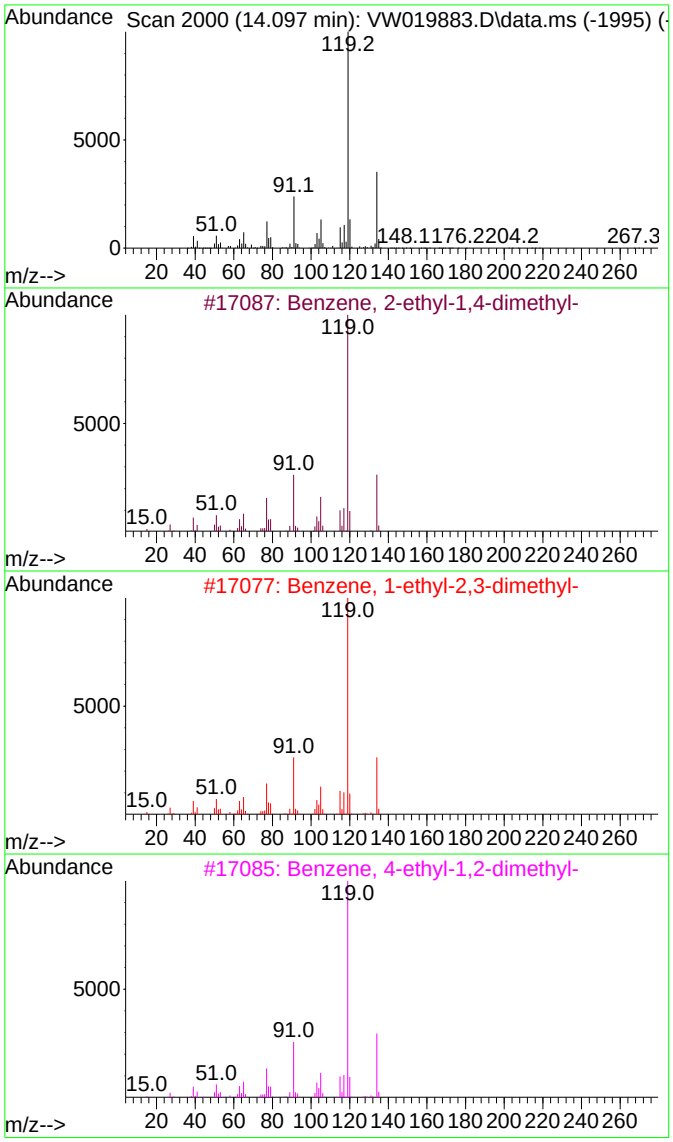
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

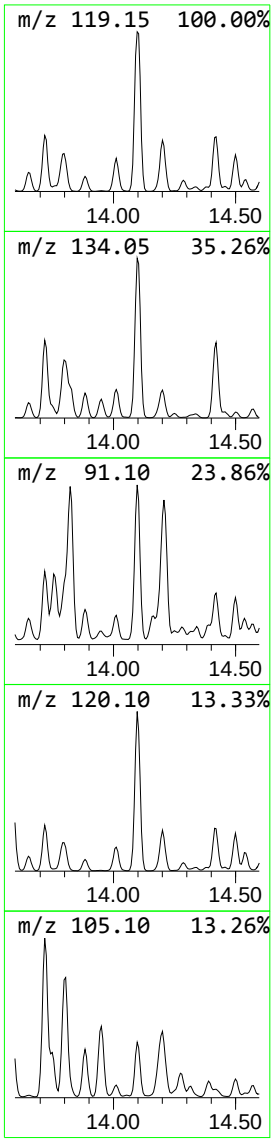
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	234.95 ug/L	40531400	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

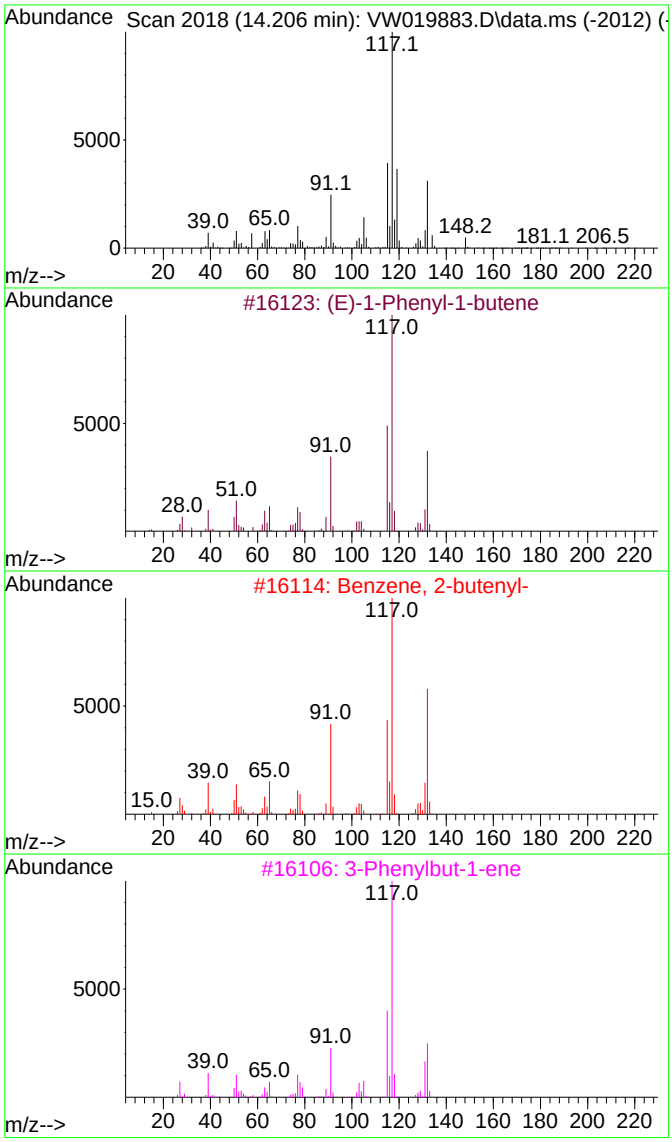
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

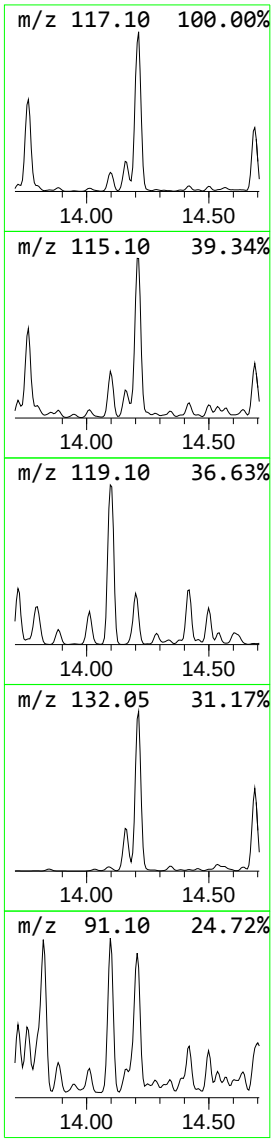
****

Peak Number 58 (E)-1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	297.09 ug/L	51251800	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

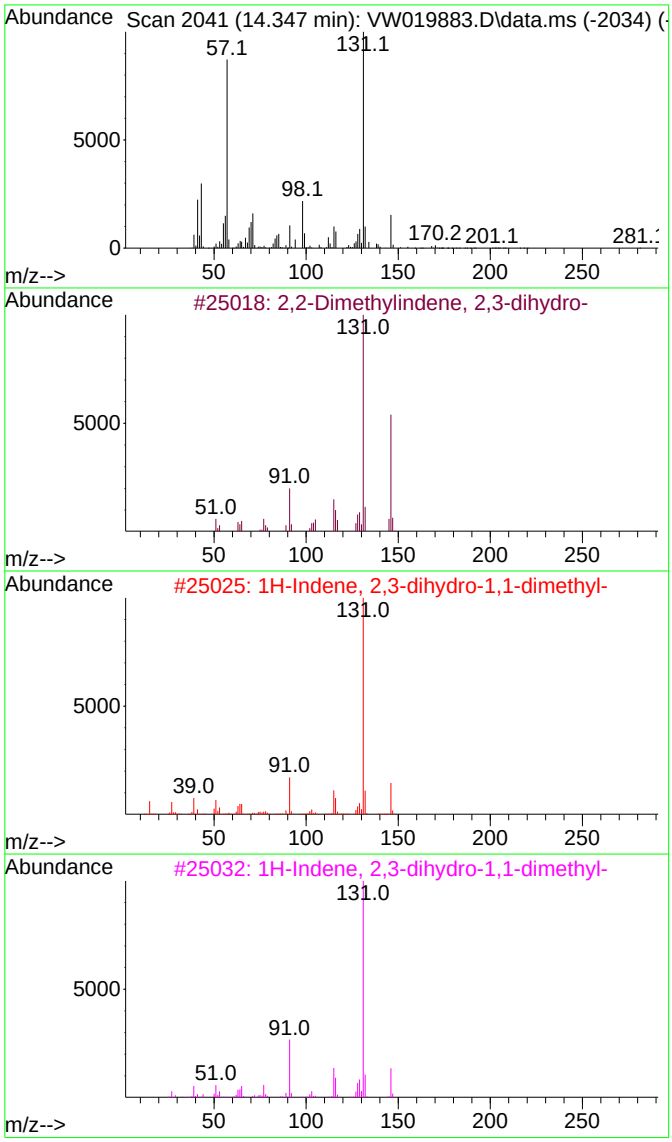
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

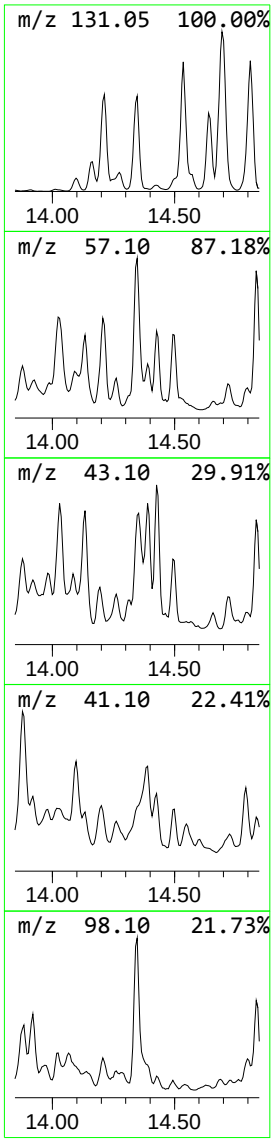
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 2,2-Dimethylindene, 2,3-dih... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	33.08 ug/L	5706340	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	68
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

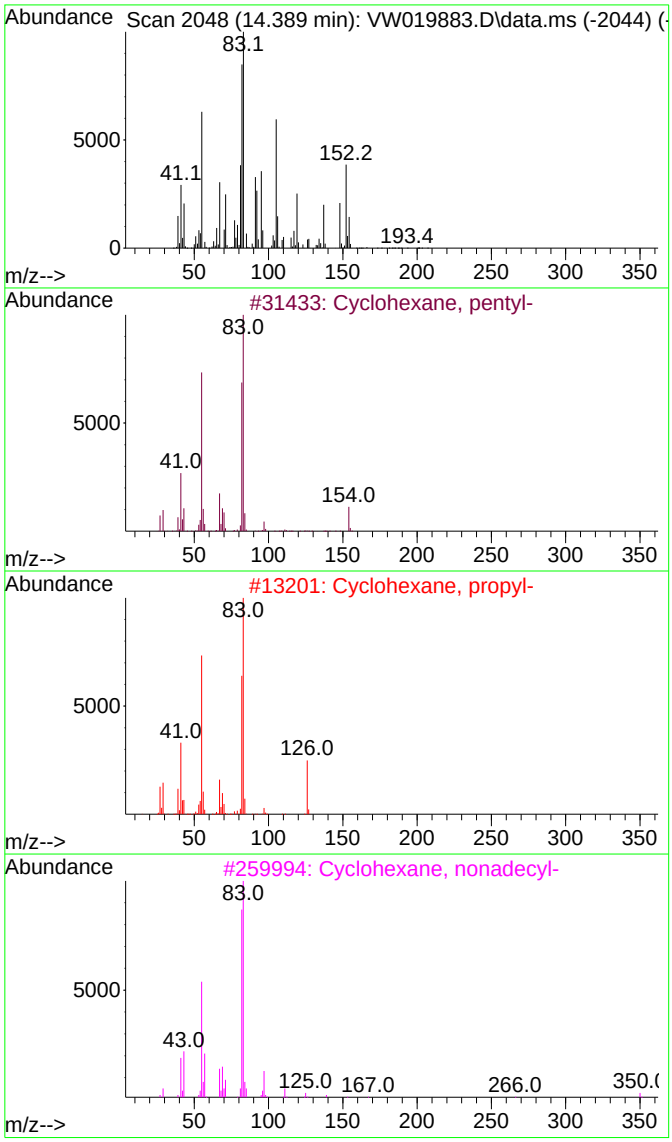
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

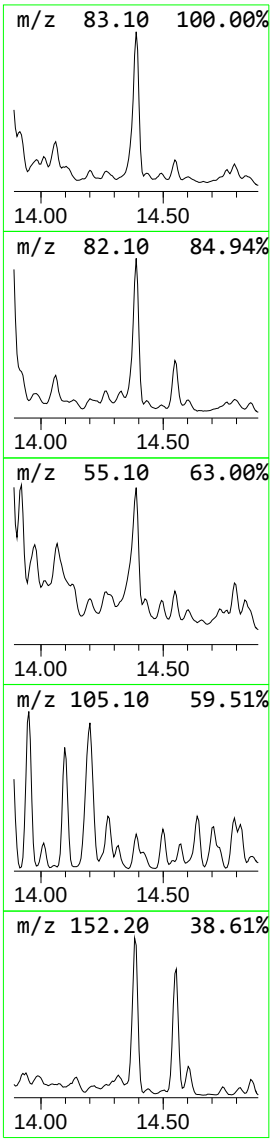
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Cyclic14.389 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	47.64 ug/L	8218560	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	38
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

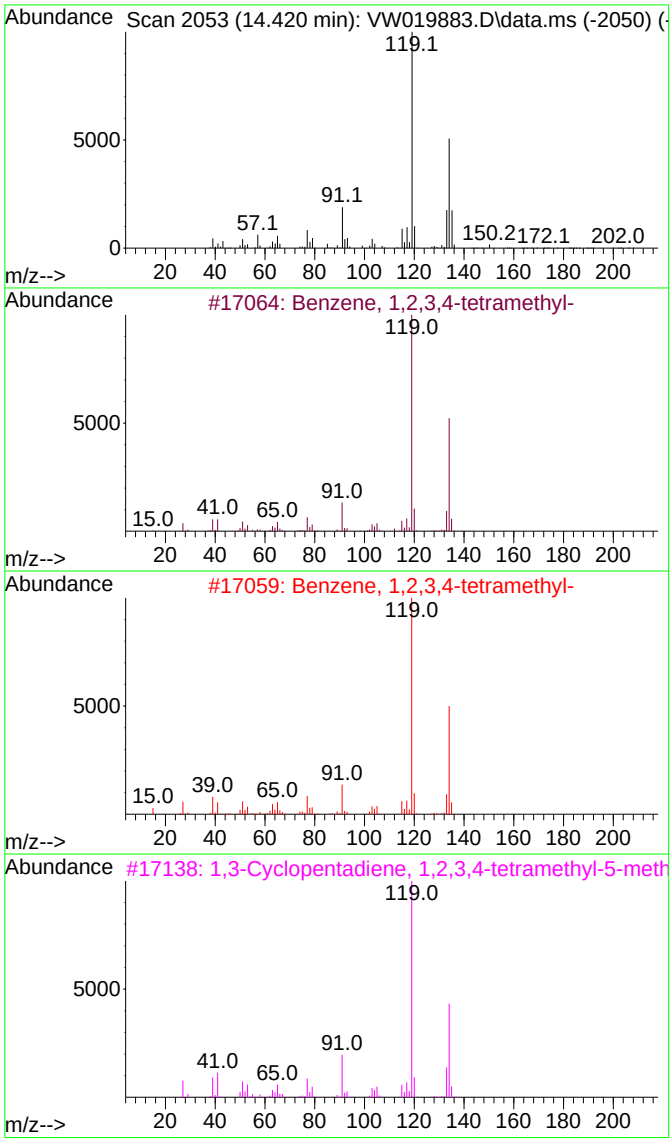
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

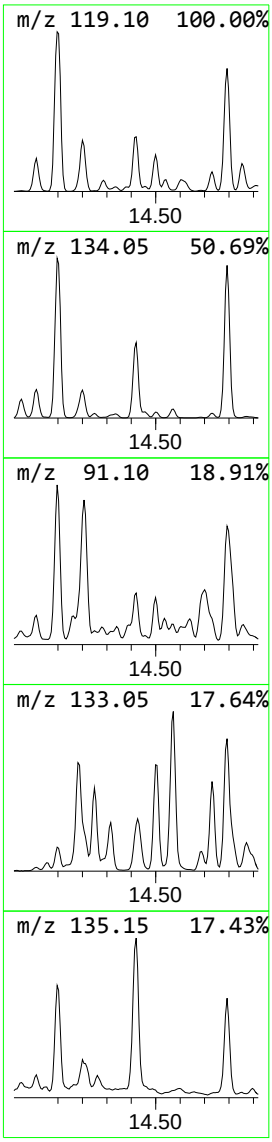
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	100.69 ug/L	17369800	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

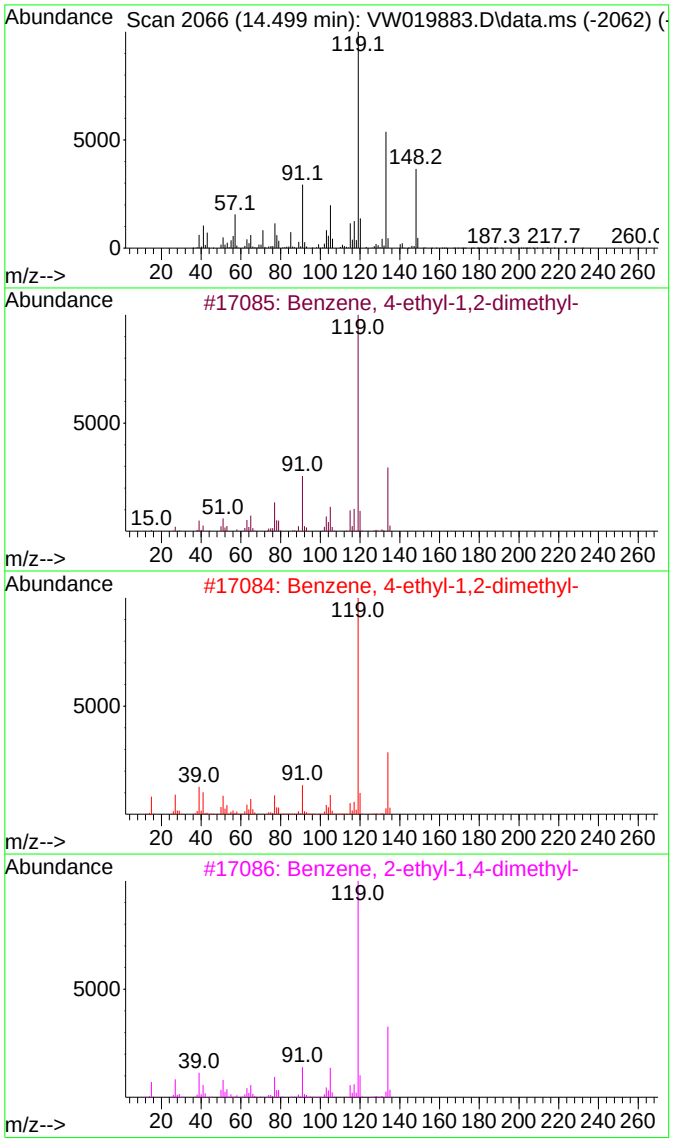
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

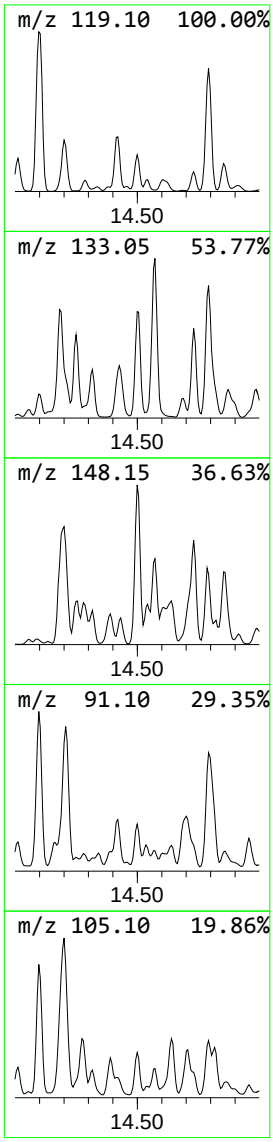
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	67.81 ug/L	11698400	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

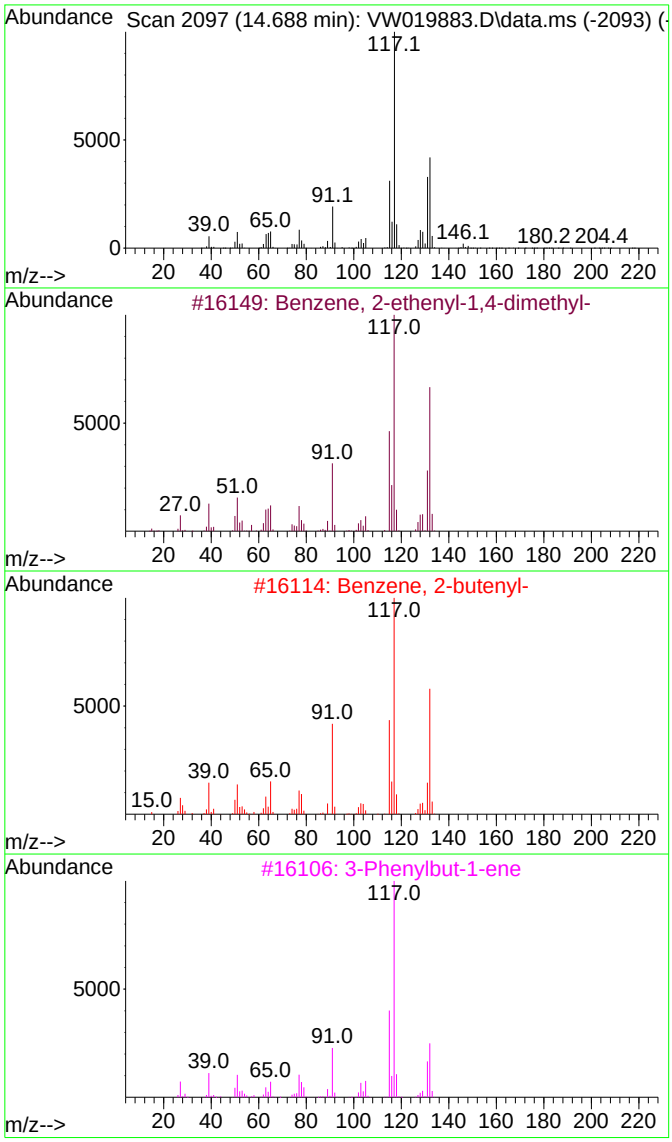
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

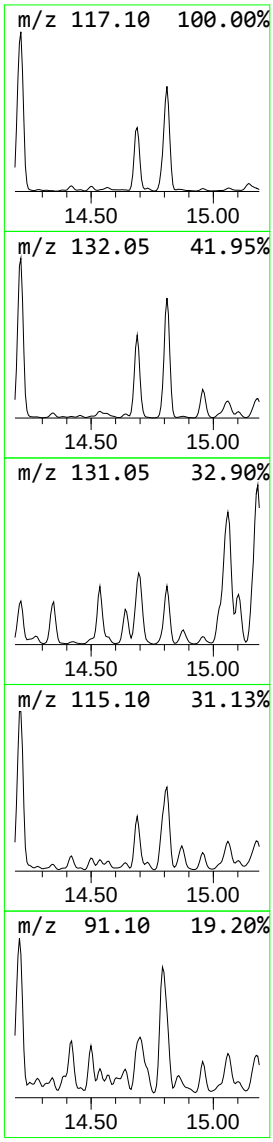
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	112.62 ug/L	19428000	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

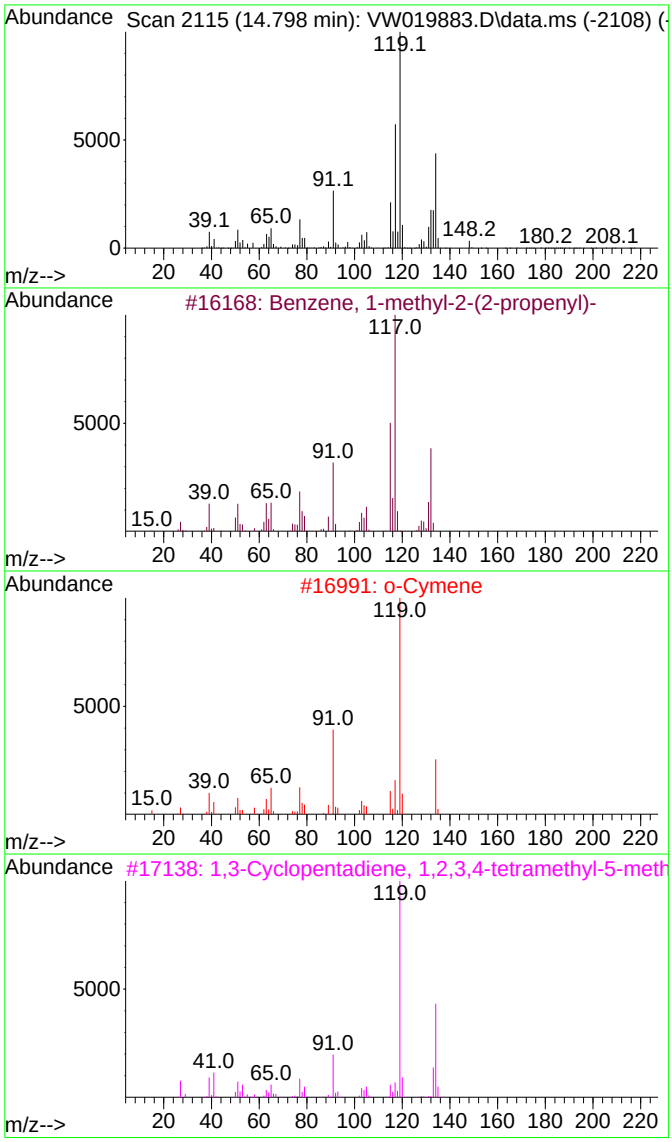
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

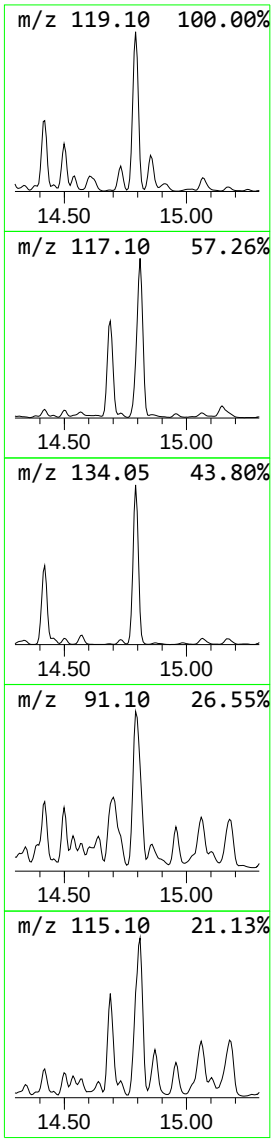
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Benzene, 1-methyl-2-(2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	347.83 ug/L	60005300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	o-Cymene	134	C10H14	000527-84-4	64
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

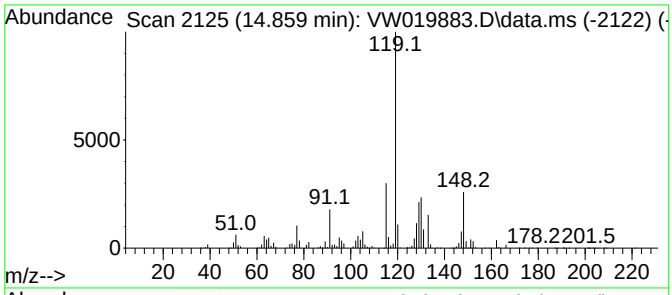
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

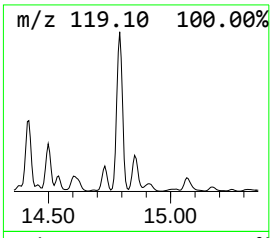
****

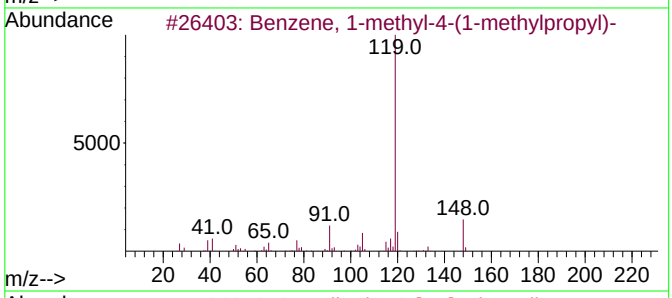
Peak Number 68 unknown-03 Concentration Rank 25

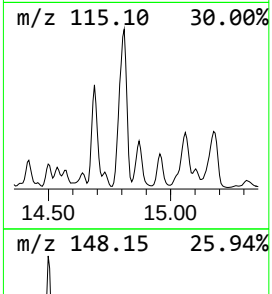
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.859	52.59 ug/L	9071690	1,4-Dichlorobenzene-d4	13.560

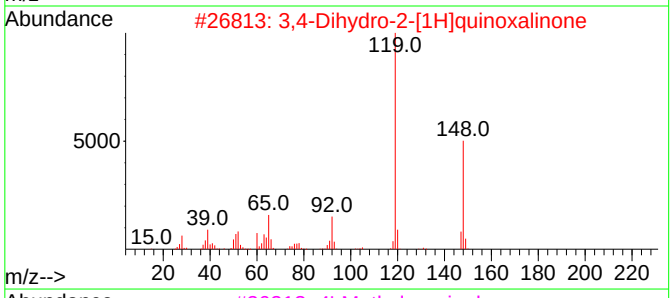
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
2	3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	43
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	41

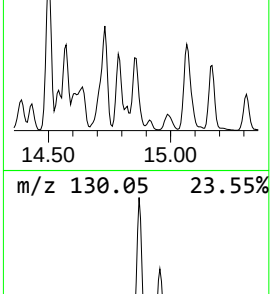


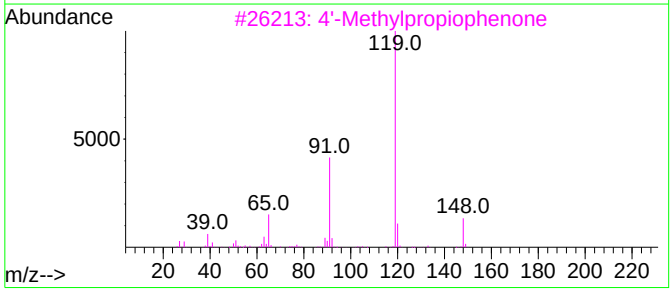












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

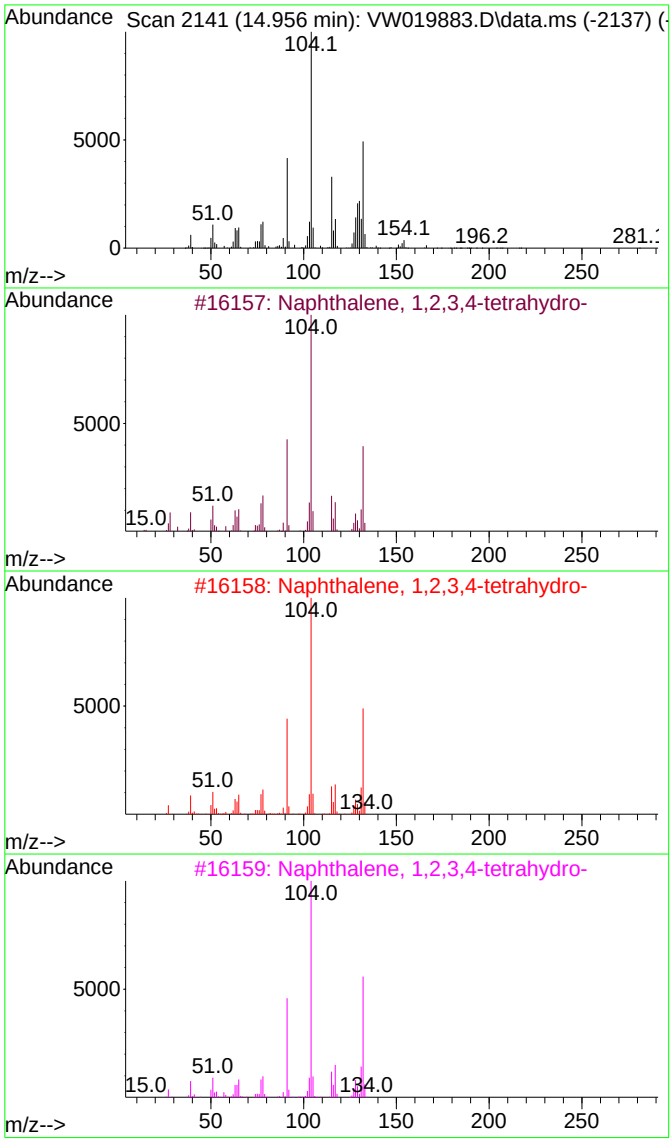
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

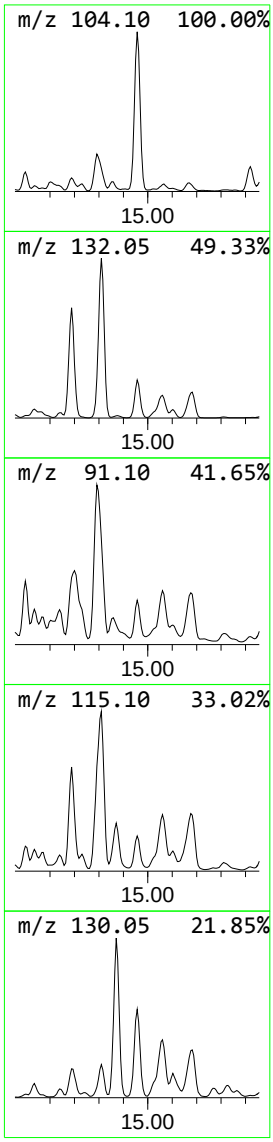
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	34.19 ug/L	5898740	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

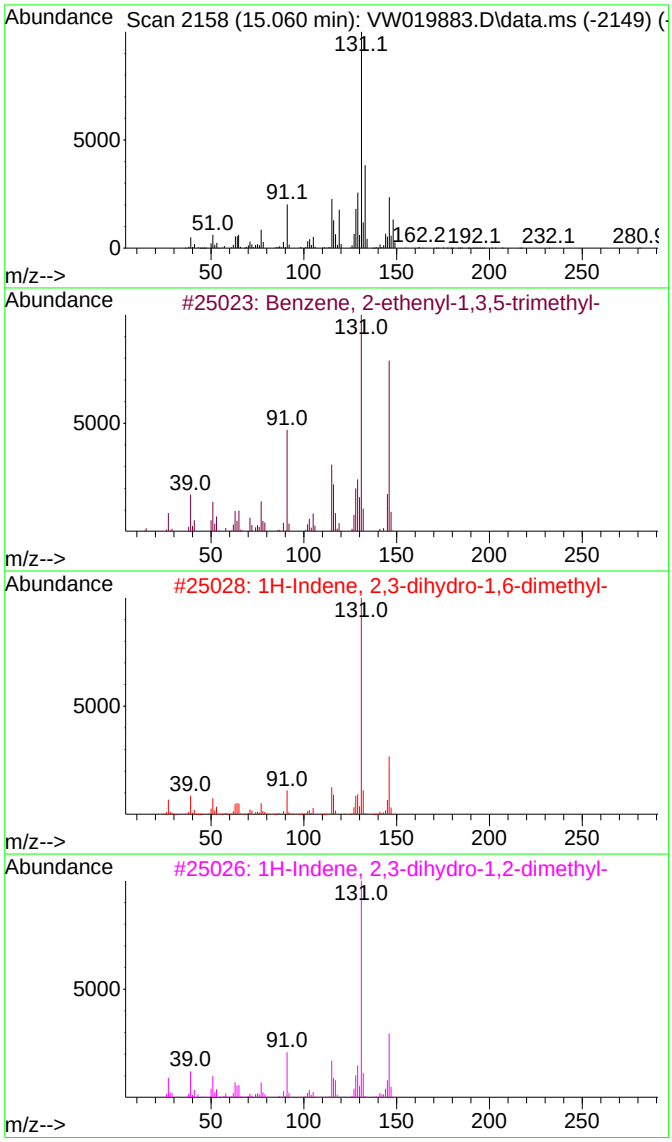
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

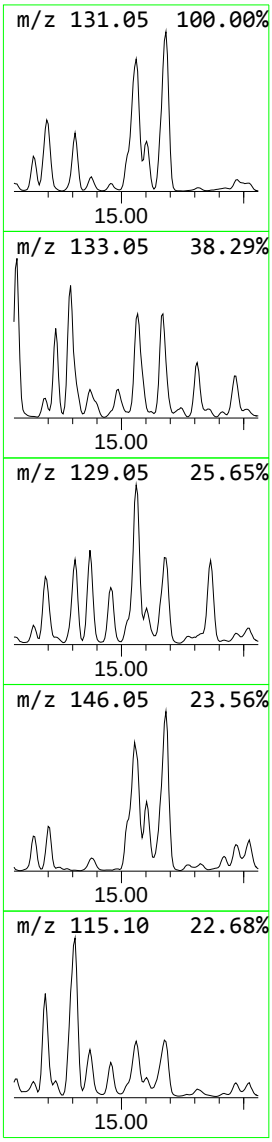
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	106.10 ug/L	18302700	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

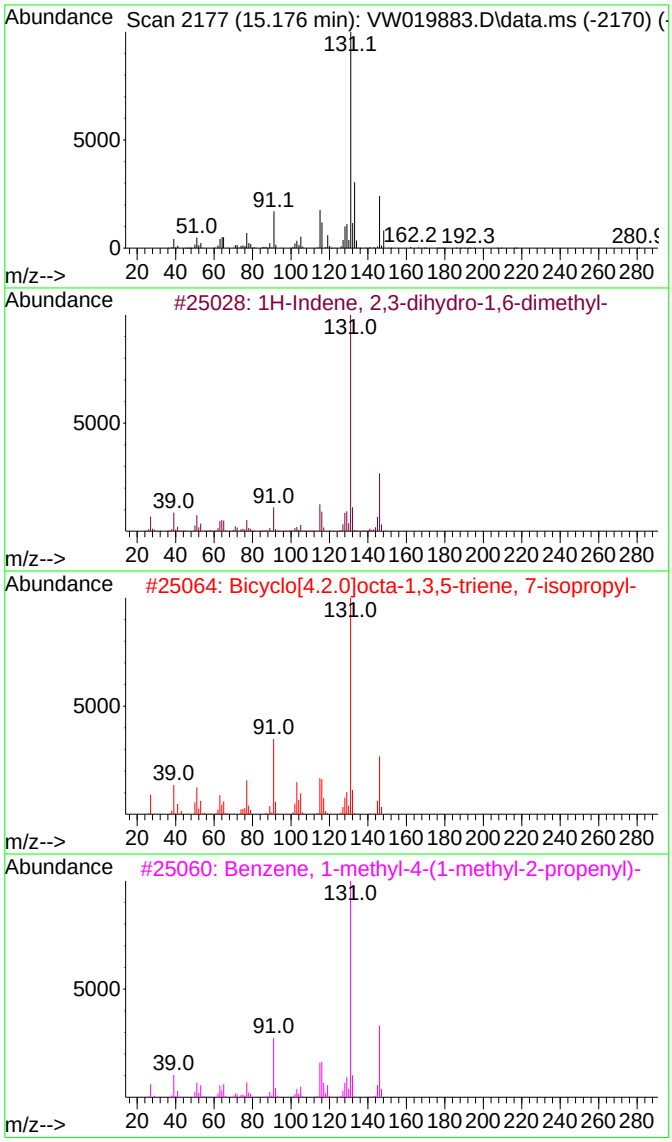
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

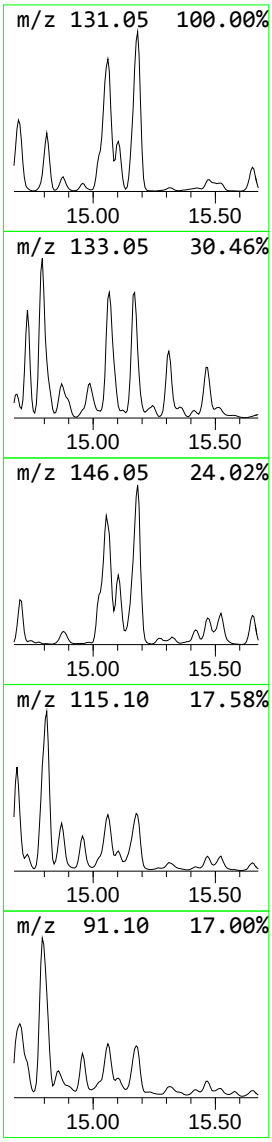
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	116.10 ug/L	20029000	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

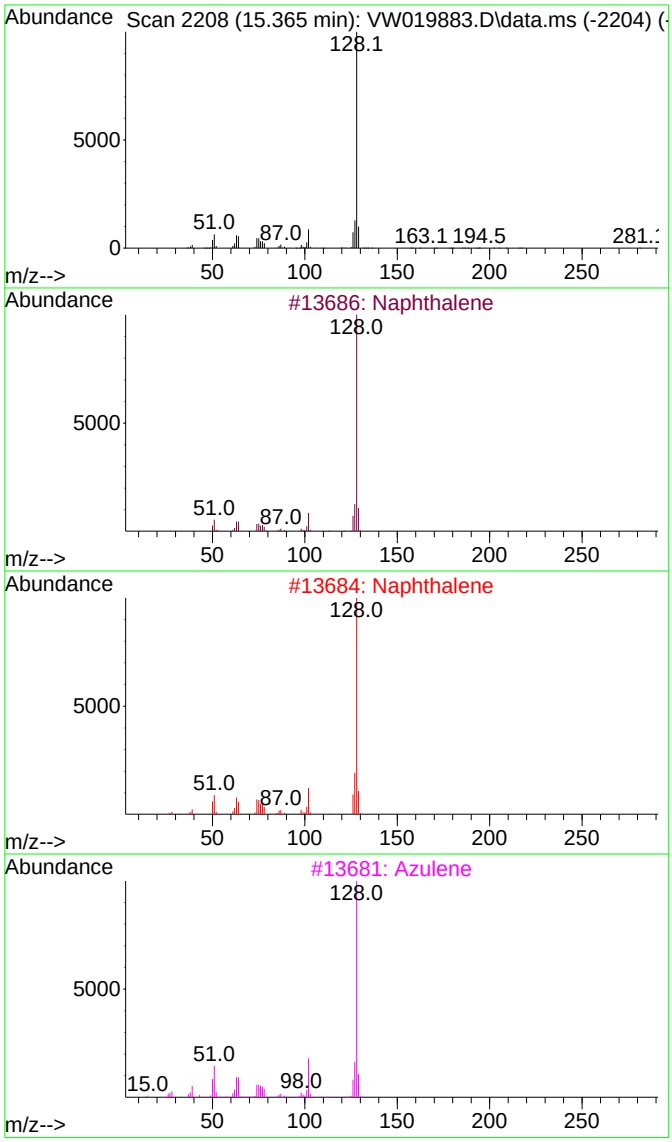
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

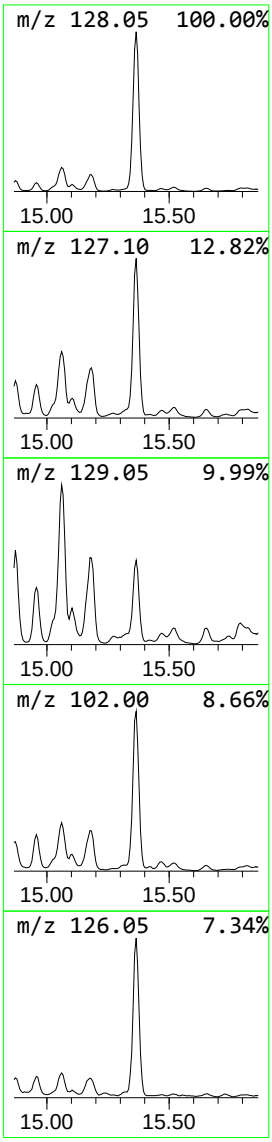
****

Peak Number 73 Azulene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	50.59 ug/L	8726640	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
Sample : M3526-08
Misc : 2.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.976	19.6	ug/L	23075300	1	8.848	29490900	25.0
(DEL) Alkane: S...	5.452	14.1	ug/L	16606500	1	8.848	29490900	25.0
(DEL) Alkane: S...	6.891	3.6	ug/L	4227330	1	8.848	29490900	25.0
(DEL) Alkane: C...	6.994	43.3	ug/L	51045900	1	8.848	29490900	25.0
(DEL) Alkane: S...	8.043	15.3	ug/L	18024500	1	8.848	29490900	25.0
(DEL) Alkane: S...	8.165	47.1	ug/L	55608900	1	8.848	29490900	25.0
(DEL) Alkane: C...	8.445	47.8	ug/L	56381800	1	8.848	29490900	25.0
(DEL) Alkane: C...	8.518	24.4	ug/L	28766100	1	8.848	29490900	25.0
(DEL) Alkane: C...	8.585	65.7	ug/L	77516500	1	8.848	29490900	25.0
(DEL) Alkane: S...	8.701	6.8	ug/L	8027310	1	8.848	29490900	25.0
(DEL) Alkane: C...	9.524	39.8	ug/L	46998600	1	8.848	29490900	25.0
(DEL) Alkane: C...	9.616	29.0	ug/L	34183800	1	8.848	29490900	25.0
(DEL) Alkane: C...	9.762	40.0	ug/L	47207800	1	8.848	29490900	25.0
Cyclopentene, 1...	9.860	32.4	ug/L	38223900	1	8.848	29490900	25.0
(DEL) Alkane: S...	9.963	26.6	ug/L	31439200	1	8.848	29490900	25.0
(DEL) Alkane: S...	10.104	43.0	ug/L	50763400	1	8.848	29490900	25.0
Cyclohexene, 1-...	10.213	42.1	ug/L	49661700	1	8.848	29490900	25.0
(DEL) Alkane: C...	10.451	20.9	ug/L	16835200	2	11.634	20186300	25.0
unknown-01	10.518	103.5	ug/L	83559700	2	11.634	20186300	25.0
(DEL) Alkane: C...	10.677	82.1	ug/L	66286200	2	11.634	20186300	25.0
(DEL) Alkane: C...	10.762	106.2	ug/L	85782800	2	11.634	20186300	25.0
(DEL) Alkane: S...	10.847	21.1	ug/L	17052900	2	11.634	20186300	25.0
1,3-Dimethyl-1-...	11.024	33.1	ug/L	26694200	2	11.634	20186300	25.0
(DEL) Alkane: C...	11.109	28.8	ug/L	23248700	2	11.634	20186300	25.0
(DEL) Alkane: C...	11.189	67.0	ug/L	54119300	2	11.634	20186300	25.0
(DEL) Alkane: C...	11.238	62.8	ug/L	50737400	2	11.634	20186300	25.0
Piperidine	11.341	37.9	ug/L	30611400	2	11.634	20186300	25.0
(DEL) Alkane: S...	11.427	48.8	ug/L	39401400	2	11.634	20186300	25.0
(DEL) Alkane: S...	11.518	39.6	ug/L	31955700	2	11.634	20186300	25.0
(DEL) Alkane: S...	11.975	4.8	ug/L	3913800	2	11.634	20186300	25.0
(DEL) Alkane: S...	12.256	32.1	ug/L	25933500	2	11.634	20186300	25.0
Cyclooctene, 3-...	12.347	66.8	ug/L	53943100	2	11.634	20186300	25.0
(DEL) Alkane: S...	12.573	12.9	ug/L	10374000	2	11.634	20186300	25.0
unknown-02	12.621	30.7	ug/L	5290320	3	13.560	4312770	25.0
Benzene, propyl-	12.804	247.3	ug/L	42655300	3	13.560	4312770	25.0
Furfuryl glycid...	12.865	33.2	ug/L	5730310	3	13.560	4312770	25.0
Benzene, 1-ethy...	13.103	280.2	ug/L	48335200	3	13.560	4312770	25.0
(DEL) Alkane: S...	13.170	138.2	ug/L	23838000	3	13.560	4312770	25.0
Benzene, 1-meth...	13.383	88.9	ug/L	15342000	3	13.560	4312770	25.0
p-Cymene	13.444	170.4	ug/L	29392600	3	13.560	4312770	25.0
Benzene, 1-meth...	13.493	118.1	ug/L	20371000	3	13.560	4312770	25.0
(DEL) Alkane: S...	13.627	25.7	ug/L	4438310	3	13.560	4312770	25.0
Benzene, 1,2-di...	13.719	113.2	ug/L	19534700	3	13.560	4312770	25.0
Indane	13.755	123.5	ug/L	21309200	3	13.560	4312770	25.0
2-Tolyloxirane	13.798	119.6	ug/L	20638000	3	13.560	4312770	25.0
o-Cymene	14.011	38.5	ug/L	6633570	3	13.560	4312770	25.0
Benzene, 2-ethy...	14.097	234.9	ug/L	40531400	3	13.560	4312770	25.0
(E)-1-Phenyl-1-...	14.206	297.1	ug/L	51251800	3	13.560	4312770	25.0
2,2-Dimethylind...	14.347	33.1	ug/L	5706340	3	13.560	4312770	25.0
(DEL) Alkane: C...	14.389	47.6	ug/L	8218560	3	13.560	4312770	25.0
Benzene, 1,2,3,...	14.420	100.7	ug/L	17369800	3	13.560	4312770	25.0
Benzene, 4-ethy...	14.499	67.8	ug/L	11698400	3	13.560	4312770	25.0

Benzene, 2-ethe...	14.688	112.6	ug/L	19428000	3	13.560	4312770	25.0
Benzene, 1-meth...	14.798	347.8	ug/L	60005300	3	13.560	4312770	25.0
unknown-03	14.859	52.6	ug/L	9071690	3	13.560	4312770	25.0
Naphthalene, 1,...	14.956	34.2	ug/L	5898740	3	13.560	4312770	25.0
Benzene, 2-ethe...	15.060	106.1	ug/L	18302700	3	13.560	4312770	25.0
1H-Indene, 2,3-...	15.176	116.1	ug/L	20029000	3	13.560	4312770	25.0
Azulene	15.365	50.6	ug/L	8726640	3	13.560	4312770	25.0

Instrument :
MSVOA_W
ClientSampleId :
EW7C0