LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

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\SFAMWLM092121SMA.M
Title : SFAM01.0

Signal : TIC: VW020175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.184	38	46	51	rBV4	6432	18637	0.27%	0.061%
2	2.361	69	75	86	rVB	100381	192650	2.80%	0.631%
3	2.501	95	98	104	rBV2	3529	6622	0.10%	0.022%
4	2.904	156	164	176	rVB	73871	184917	2.69%	0.606%
5	3.397	240	245	255	rVB7	1734	4699	0.07%	0.015%
6	4.025	336	348	359	rBV	143852	426701	6.21%	1.398%
7	4.123	359	364	374	rVB	17898	46250	0.67%	0.151%
8	4.397	398	409	424	rBV2	3146	10630	0.15%	0.035%
9	4.928	483	496	511	rBV	27894	97505	1.42%	0.319%
10	5.793	627	638	648	rBV3	3186	10357	0.15%	0.034%
11	5.946	654	663	674	rVB3	5826	16415	0.24%	0.054%
12	6.988	826	834	842	rBV6	3750	10943	0.16%	0.036%
13	7.086	842	850	857	rBV	19845	57762	0.84%	0.189%
14	7.653	932	943	957	rBV	213063	535026	7.79%	1.752%
15	7.957	984	993	1001	rBV4	8144	20906	0.30%	0.068%
16	8.037	1001	1006	1014	rVB5	2331	6093	0.09%	0.020%
17	8.159	1020	1026	1032	rBV3	2703	5697	0.08%	0.019%
18	8.281	1032	1046	1063	rVV2	416403	1211855	17.64%	3.969%
19	8.439	1063	1072	1078	rVV4	7495	19032	0.28%	0.062%
20	8.512	1078	1084	1089	rVV3	7495	16639	0.24%	0.054%
21	8.573	1089	1094	1103	rVB2	13981	30868	0.45%	0.101%
22	8.695	1109	1114	1123	rVB4	1104	2648	0.04%	0.009%
23	8.848	1129	1139	1158	rBV	498519	977694	14.23%	3.202%
24	9.085	1174	1178	1184	rVB6	1727	3383	0.05%	0.011%
25	9.152	1184	1189	1195	rVB3	1821	3673	0.05%	0.012%
26	9.280	1200	1210	1215	rBV	278059	605355	8.81%	1.983%
27	9.335	1215	1219	1226	rVB	123925	240417	3.50%	0.787%
28	9.518	1243	1249	1255	rVV2	15946	31379	0.46%	0.103%
29	9.610	1255	1264	1271	rVB2	53967	120052	1.75%	0.393%
30	9.756	1279	1288	1299	rVB2	79479	160484	2.34%	0.526%
31	9.902	1299	1312	1316	rBV	35090	73866	1.08%	0.242%
32	9.951	1316	1320	1325	rVB2	16642	28349	0.41%	0.093%
33	10.036	1328	1334	1338	rBV	114332	203262	2.96%	0.666%
34	10.085	1338	1342	1346	rVV	57866	96181	1.40%	0.315%
35	10.128	1346	1349	1357	rVB2	41422	75201	1.09%	0.246%
36	10.244	1357	1368	1374	rBV4	30217	81395	1.18%	0.267%

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ClientSampleId : EW7X0

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\SFAMWLM092121SMA.M
Title : SFAM01.0

37	10.323	1374	1381	1396	rBV	1031925	2151843	31.32%	7.048%
38	10.451	1397	1402	1404	rBV	48154	79356	1.16%	0.260%
39	10.500	1404	1410	1418	rVB3	216066	570094	8.30%	1.867%
40	10.585	1418	1424	1427	rBV2	89274	174981	2.55%	0.573%
41	10.664	1432	1437	1446	rVB	537576	954990	13.90%	3.128%
42	10.762	1446	1453	1458	rBV2	238658	471610	6.86%	1.545%
43	10.847	1463	1467	1472	rVB2	70121	114689	1.67%	0.376%
44	10.933	1472	1481	1488	rBV3	189881	411731	5.99%	1.349%
45	11.000	1488	1492	1493	rBV	29801	40031	0.58%	0.131%
46	11.036	1494	1498	1505	rVB3	87455	177225	2.58%	0.580%
47	11.109	1505	1510	1513	rBV2	117650	198268	2.89%	0.649%
48	11.176	1513	1521	1526	rBV	698602	1281688	18.66%	4.198%
49	11.231	1526	1530	1535	rVB	520988	856057	12.46%	2.804%
50	11.286	1535	1539	1543	rBV	91095	116549	1.70%	0.382%
51	11.335	1543	1547	1552	rVB2	160961	253542	3.69%	0.830%
52	11.384	1552	1555	1559	rVB	34634	46149	0.67%	0.151%
53	11.439	1559	1564	1571	rVB	247695	433244	6.31%	1.419%
54	11.506	1571	1575	1579	rBV3	26455	44174	0.64%	0.145%
55	11.561	1579	1584	1590	rVB2	31167	51685	0.75%	0.169%
56	11.634	1590	1596	1605	rBV	603947	1059471	15.42%	3.470%
57	11.725	1605	1611	1615	rBV	359363	618883	9.01%	2.027%
58	11.768	1615	1618	1621	rVB	82574	100704	1.47%	0.330%
59	11.810	1621	1625	1626	rBV2	46496	59217	0.86%	0.194%
60	11.847	1627	1631	1633	rBV	139637	210937	3.07%	0.691%
61	11.975	1648	1652	1657	rVB2	27206	42895	0.62%	0.140%
62	12.042	1657	1663	1670	rVB	97442	177563	2.58%	0.582%
63	12.140	1671	1679	1685	rBV	116893	275894	4.02%	0.904%
64	12.195	1685	1688	1701	rVB3	66196	170604	2.48%	0.559%
65	12.304	1701	1706	1707	rBV3	39765	58756	0.86%	0.192%
66	12.341	1707	1712	1717	rBV	166569	261249	3.80%	0.856%
67	12.609	1752	1756	1762	rVB4	12826	25719	0.37%	0.084%
68	12.694	1763	1770	1777	rBV	187765	329684	4.80%	1.080%
69	12.780	1780	1784	1790	rVB4	49119	91290	1.33%	0.299%
70	12.865	1790	1798	1800	rBV5	12479	29414	0.43%	0.096%
71	13.103	1830	1837	1844	rBV	621433	941514	13.70%	3.084%
72	13.182	1844	1850	1854	rVV5	21243	46090	0.67%	0.151%
73	13.249	1855	1861	1873	rVV	4632273	6870479	100.00%	22.504%
74	13.365	1875	1880	1885	rVB	47539	76711	1.12%	0.251%
75	13.560	1905	1912	1913	rBV	364905	533457	7.76%	1.747%
76	13.585	1914	1916	1923	rVV	503775	675086	9.83%	2.211%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

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\SFAMWLM092121SMA.M
Title : SFAM01.0

77	13.652	1924	1927	1931	rVV	23625	36467	0.53%	0.119%
78	13.719	1934	1938	1939	rVV	36836	50825	0.74%	0.166%
79	13.755	1939	1944	1949	rVV	655974	1085580	15.80%	3.556%
80	13.798	1949	1951	1955	rVV	180157	228743	3.33%	0.749%
81	13.853	1955	1960	1970	rVV	242229	529111	7.70%	1.733%
82	13.950	1970	1976	1980	rVV	133377	215848	3.14%	0.707%
83	14.011	1980	1986	1988	rVV	161255	264769	3.85%	0.867%
84	14.036	1988	1990	1995	rVV	156200	231406	3.37%	0.758%
85	14.097	1995	2000	2006	rVV	247576	379816	5.53%	1.244%
86	14.158	2006	2010	2013	rVV	26462	42523	0.62%	0.139%
87	14.206	2013	2018	2024	rVB2	84371	140431	2.04%	0.460%
88	14.273	2024	2029	2034	rBV6	10109	20409	0.30%	0.067%
89	14.334	2034	2039	2044	rVV2	48820	74332	1.08%	0.243%
90	14.414	2044	2052	2056	rVV	93616	168844	2.46%	0.553%
91	14.456	2056	2059	2064	rVB	109959	152516	2.22%	0.500%
92	14.682	2092	2096	2101	rBV	20432	34422	0.50%	0.113%
93	14.725	2101	2103	2108	rVB2	7033	9836	0.14%	0.032%
94	14.798	2108	2115	2122	rBV4	43746	104705	1.52%	0.343%
95	14.859	2122	2125	2129	rVB4	3954	5754	0.08%	0.019%
96	14.962	2136	2142	2146	rBV5	2983	5294	0.08%	0.017%
97	15.066	2154	2159	2163	rBV5	3030	5819	0.08%	0.019%
98	15.170	2171	2176	2182	rVB9	2305	4324	0.06%	0.014%
99	15.432	2214	2219	2224	rBV3	9599	16182	0.24%	0.053%
100	15.487	2224	2228	2237	rVB3	2671	5598	0.08%	0.018%

Sum of corrected areas: 30530620

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
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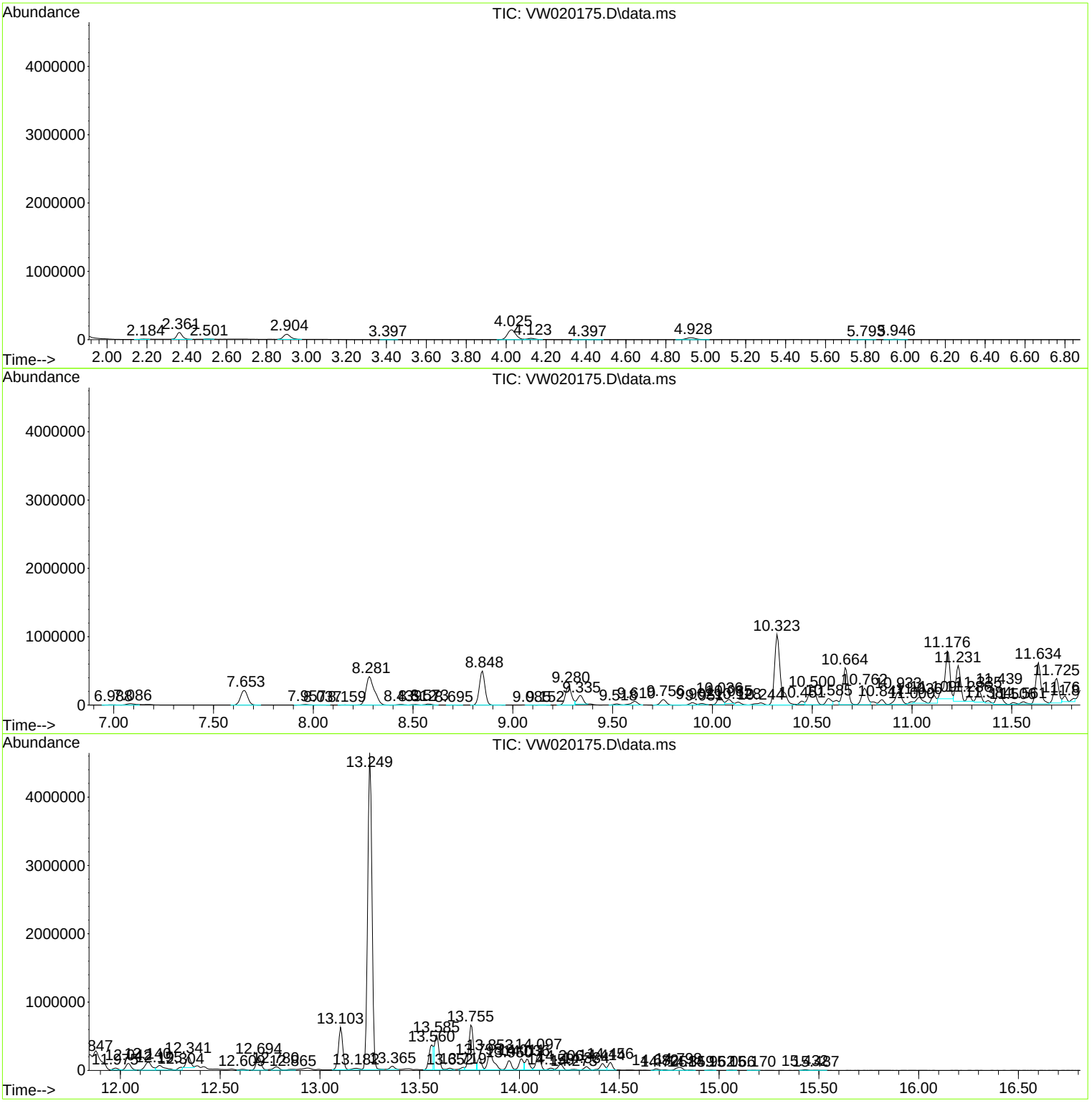
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

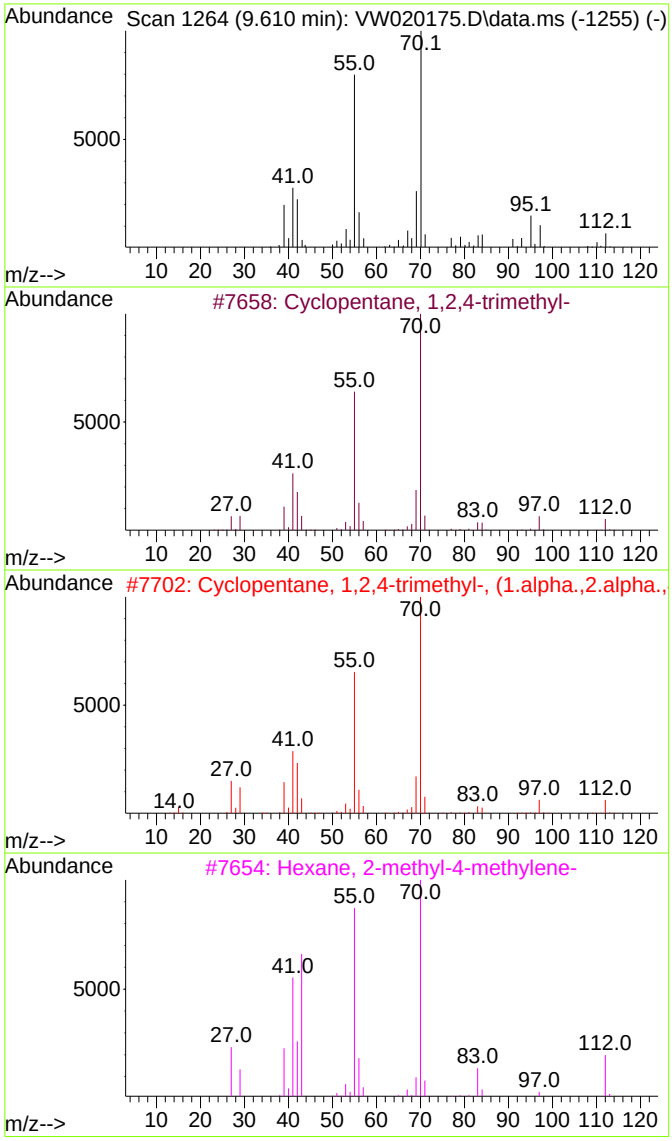
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

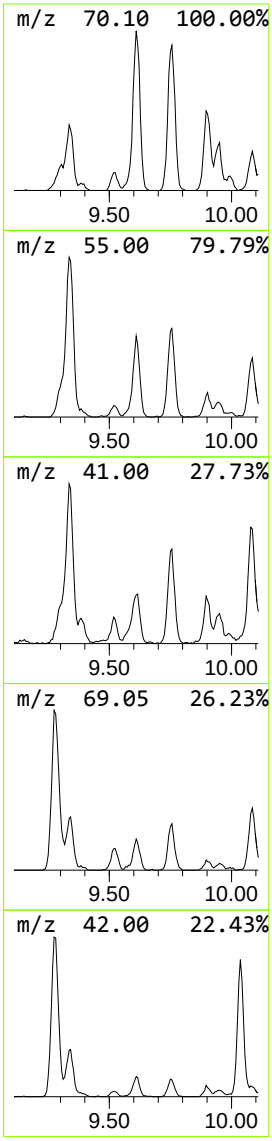
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic9.610 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	3.07 ug/L	120052	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	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
5	Nonane, 3-methylene-	140	C10H20	051655-64-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

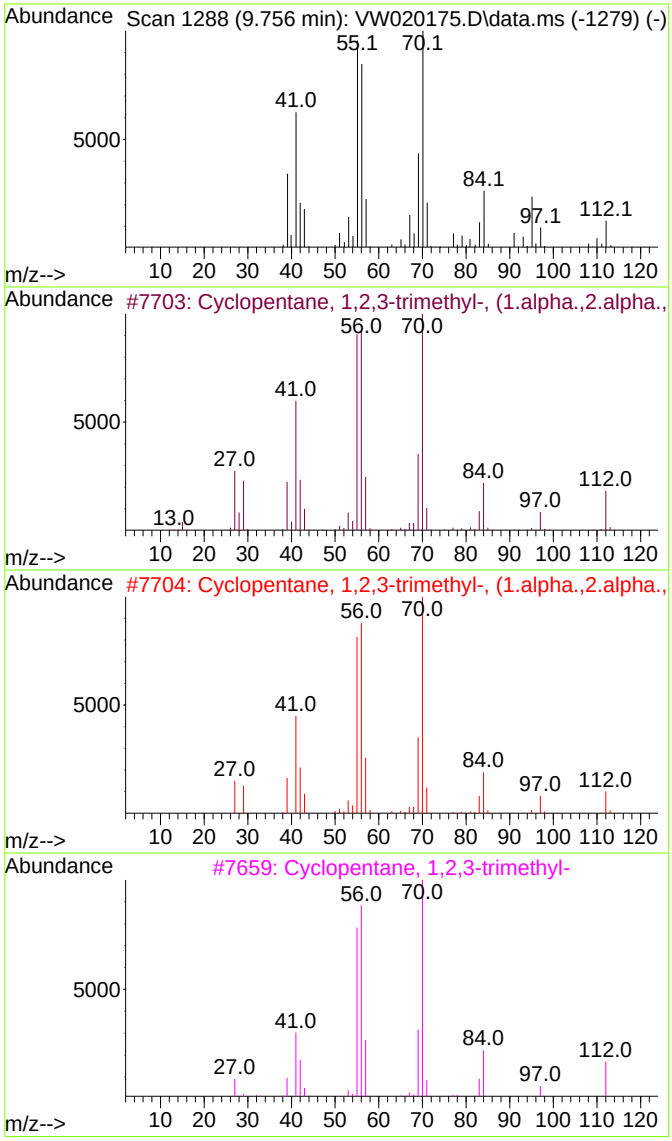
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

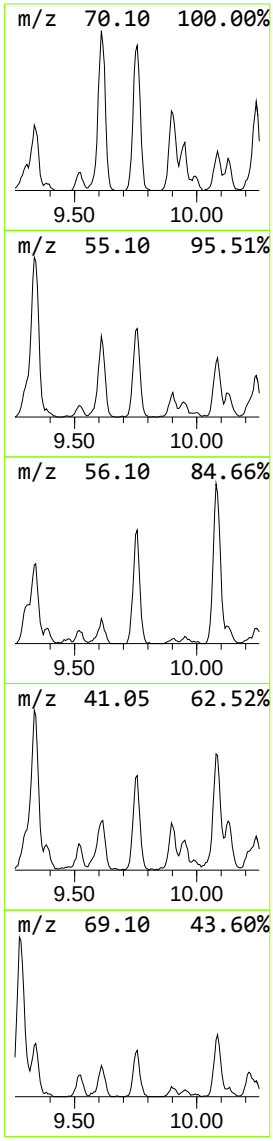
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic9.756 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	4.10 ug/L	160484	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	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

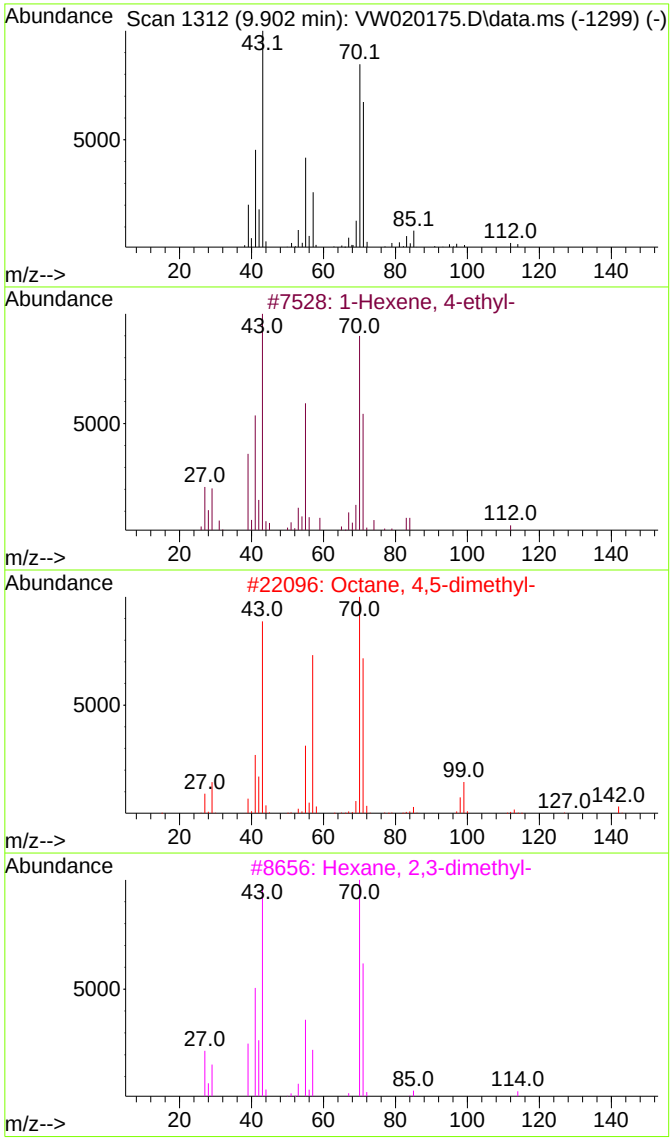
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

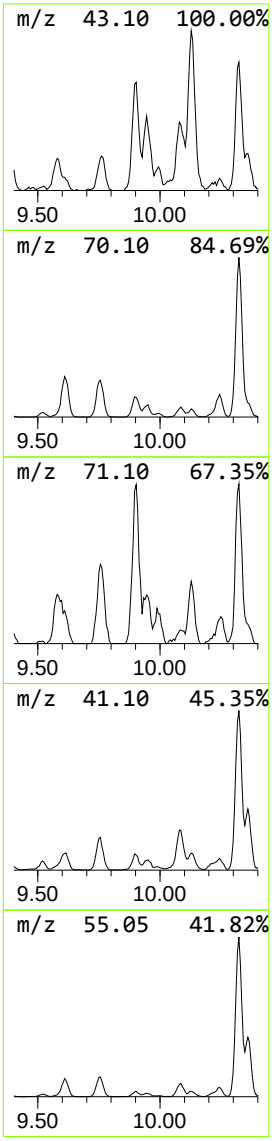
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	1.89 ug/L	73866	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	90
2	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
5	Diisoamyl ether	158	C10H22O	000544-01-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

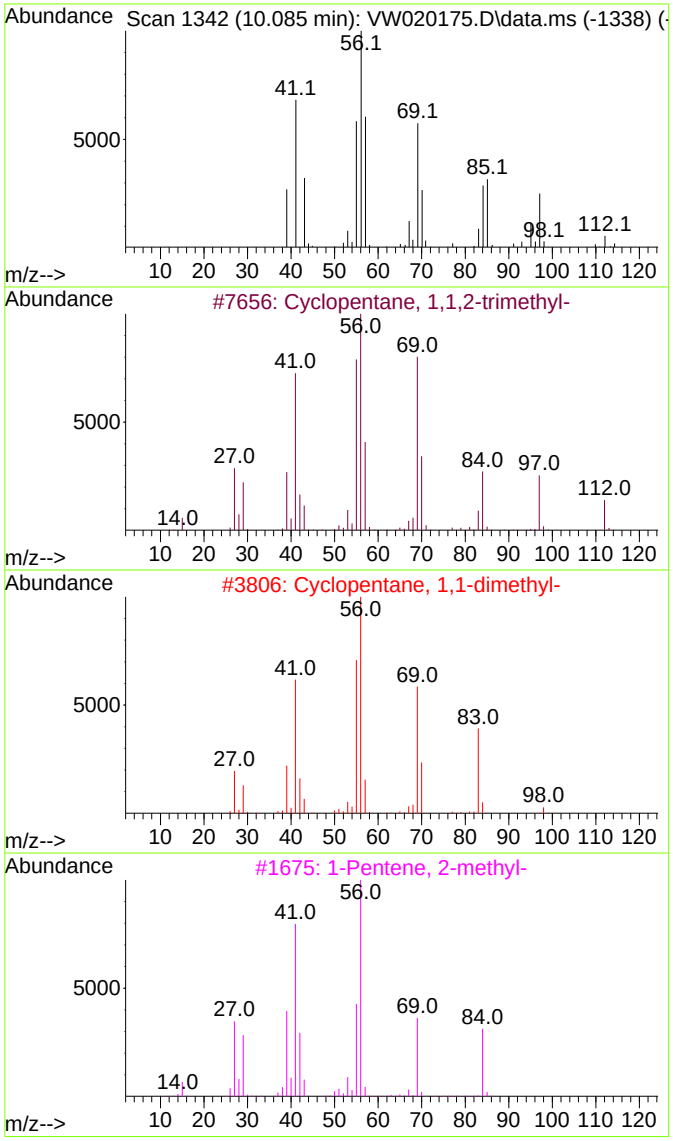
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

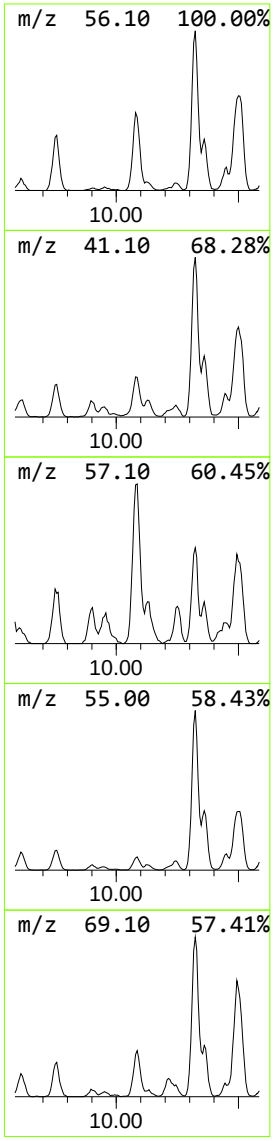
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic10.085 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.085	2.46 ug/L	96181	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	59
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
4	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	43
5	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

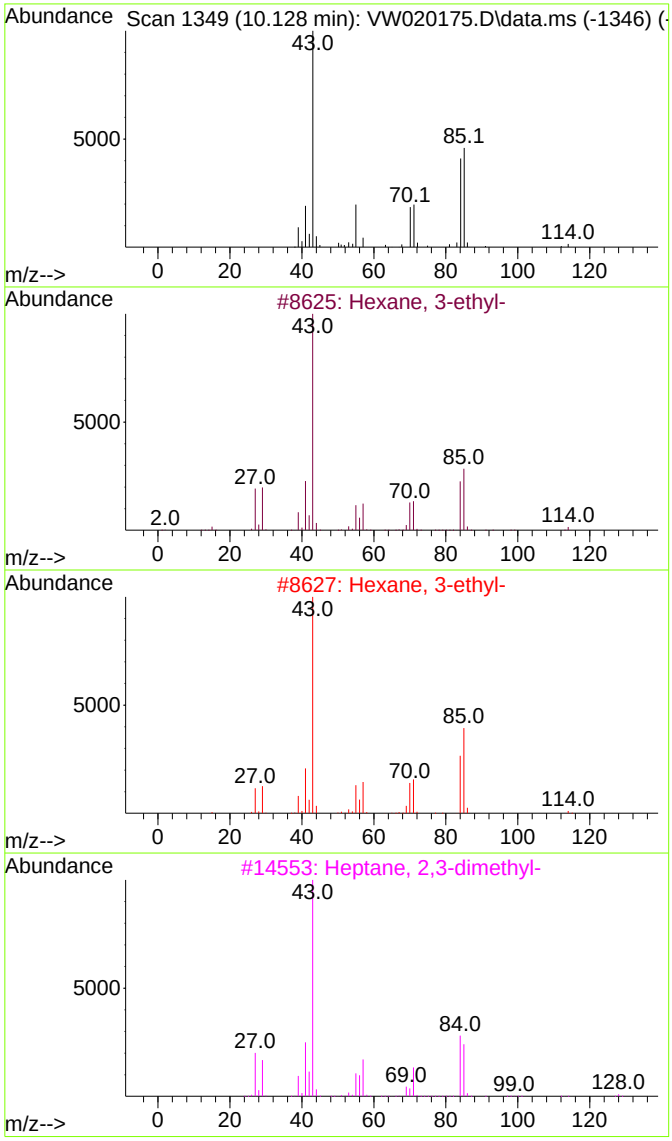
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

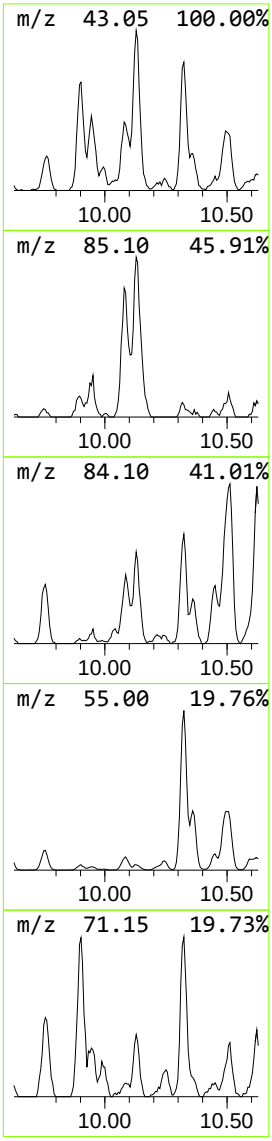
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	1.92 ug/L	75201	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	87
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	56
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

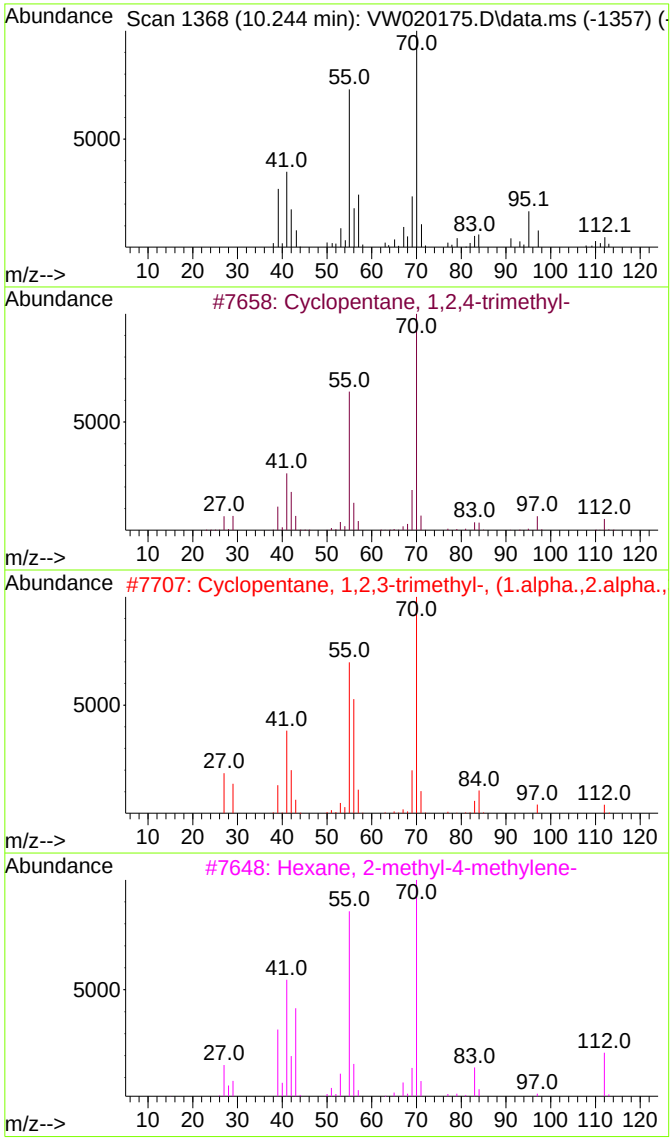
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

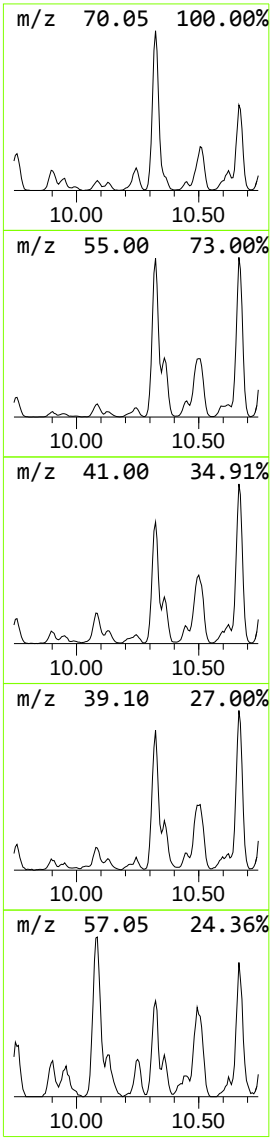
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.244 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.244	1.92 ug/L	81395	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	81
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	72
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

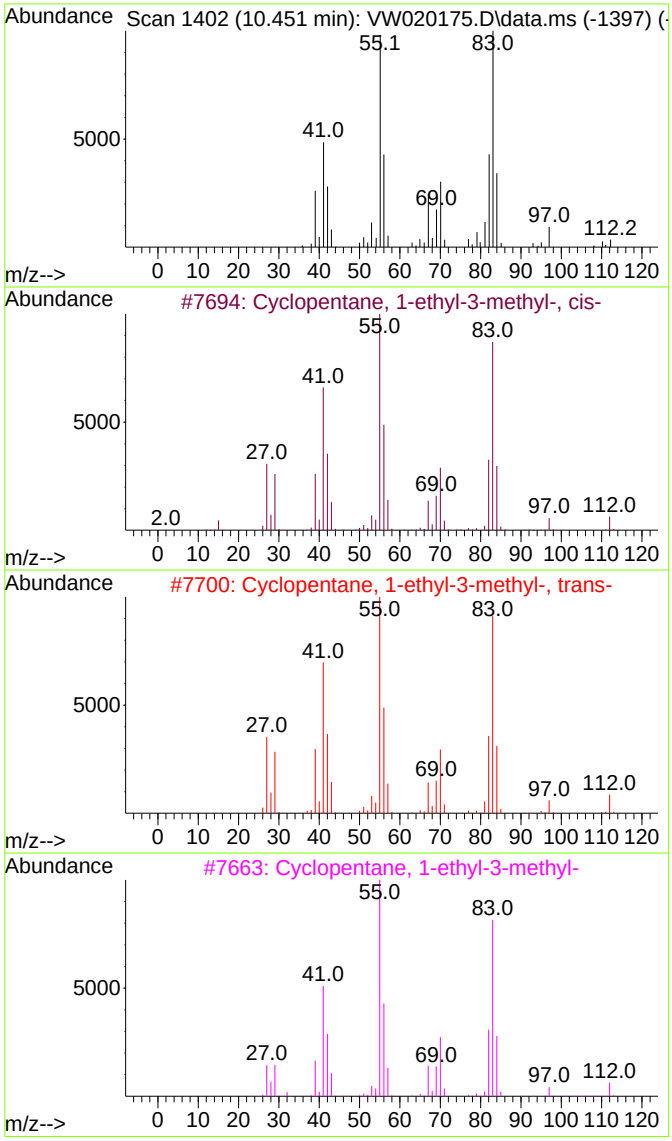
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

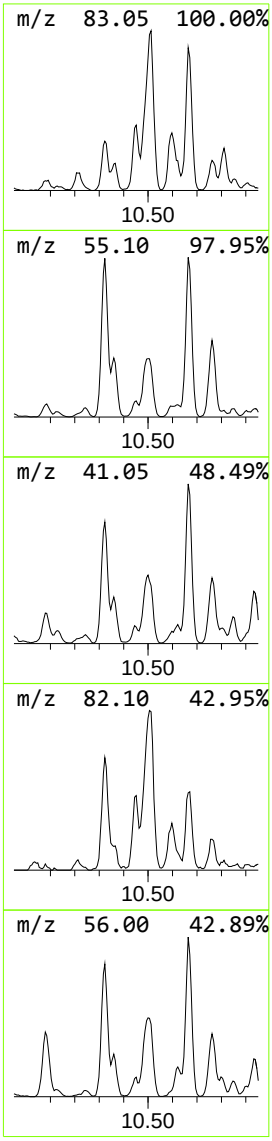
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic10.451 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	1.87 ug/L	79356	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	91
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	91
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	78
4	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	35
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

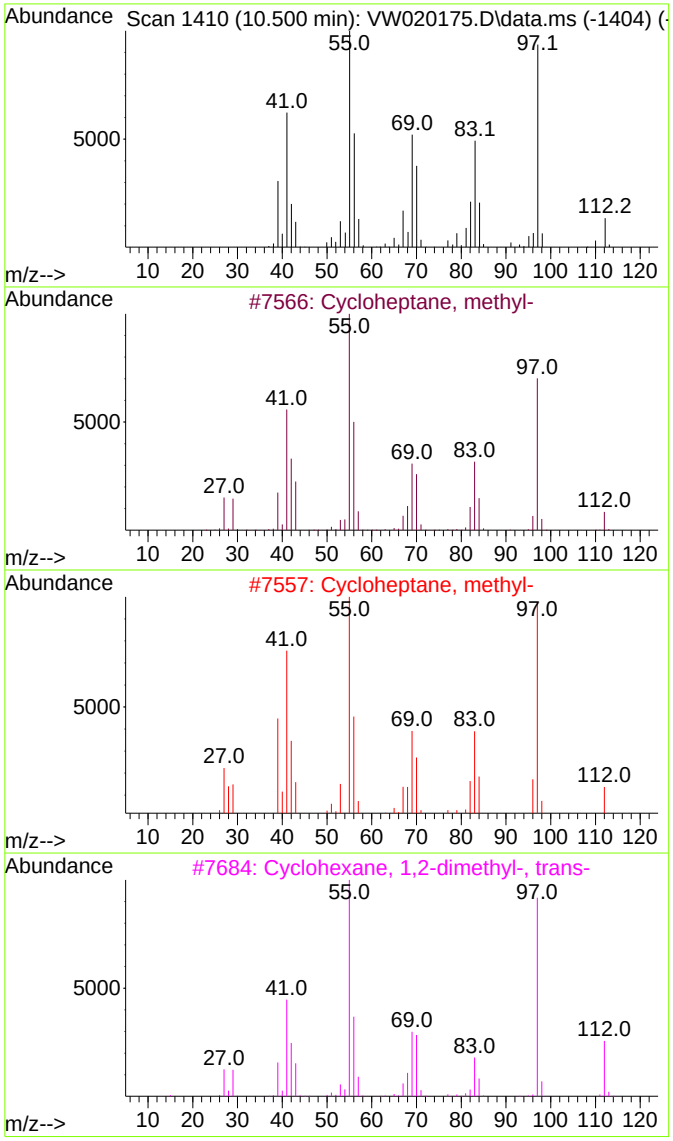
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

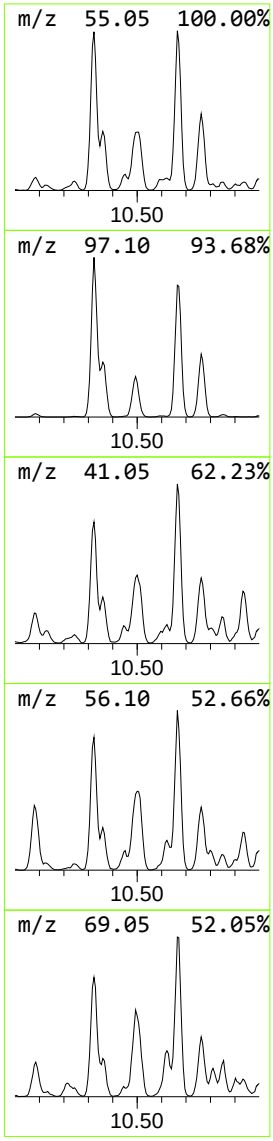
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic10.500 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	13.45 ug/L	570094	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	94
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	87
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

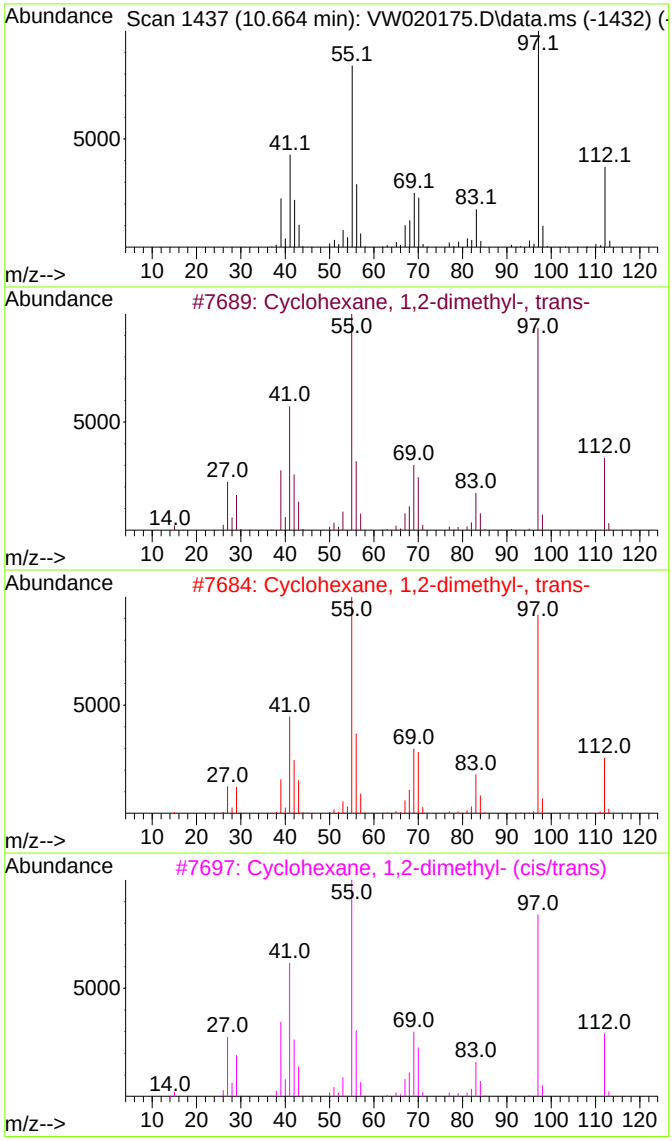
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

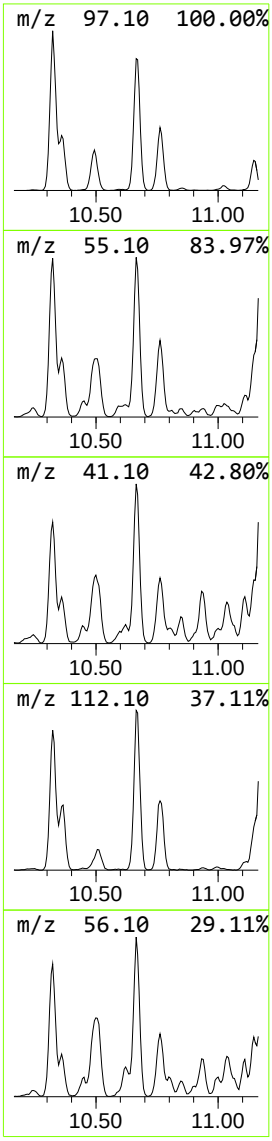
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic10.664 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	22.53 ug/L	954990	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

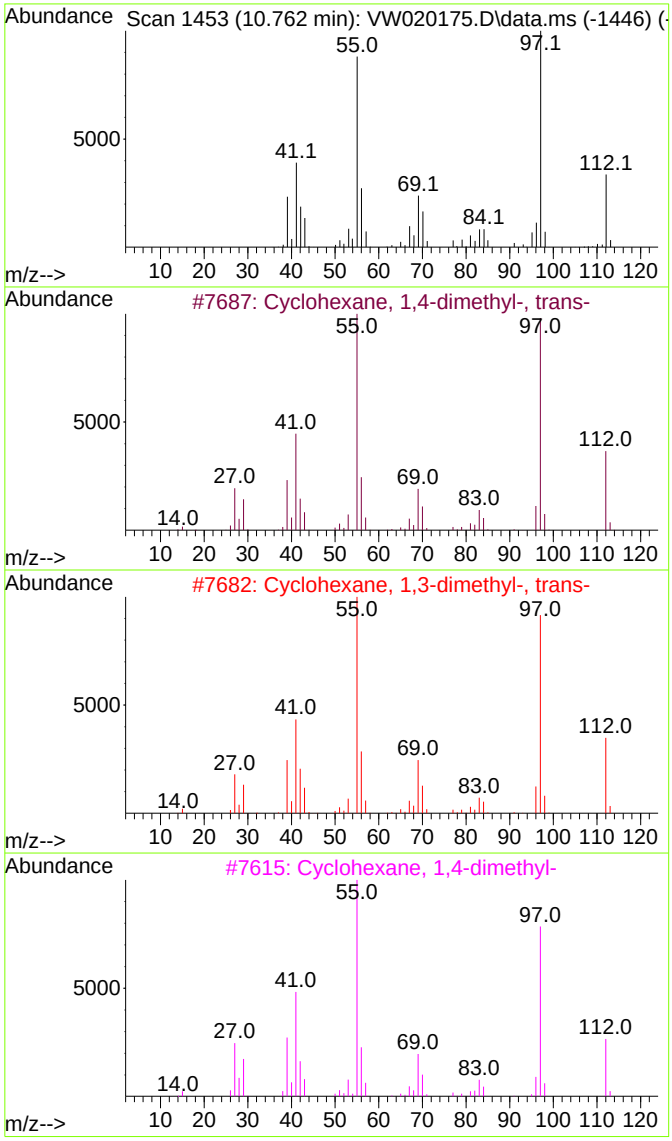
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

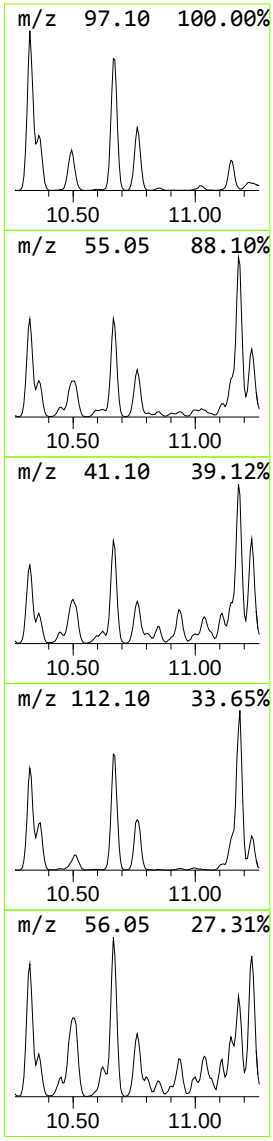
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic10.762 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	11.13 ug/L	471610	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

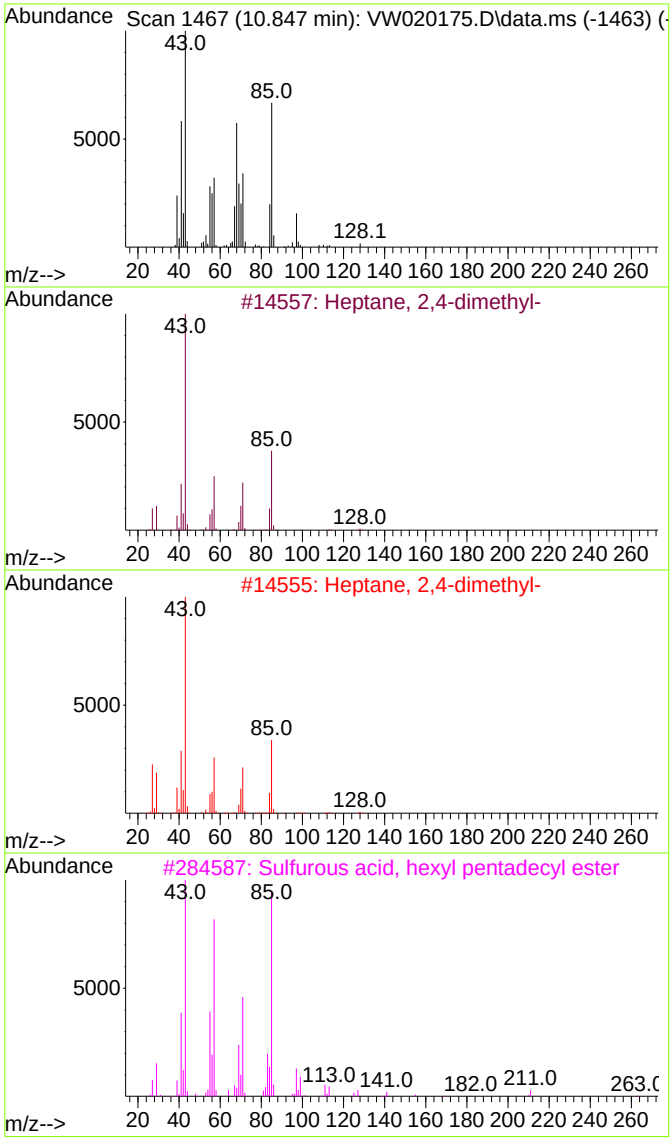
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

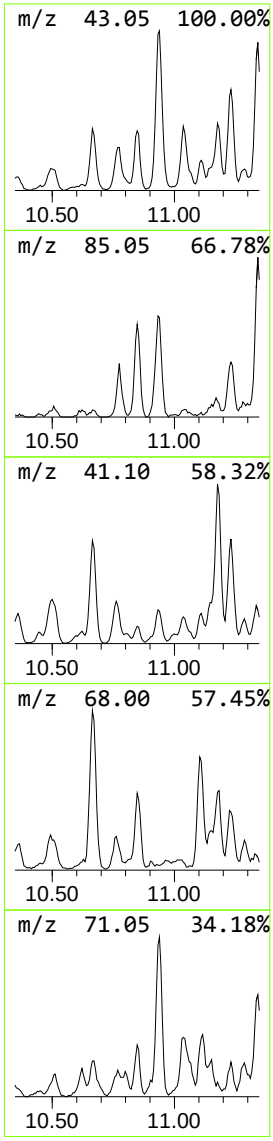
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	2.71 ug/L	114689	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	43
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
5	Octane, 4-methyl-	128	C9H20	002216-34-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

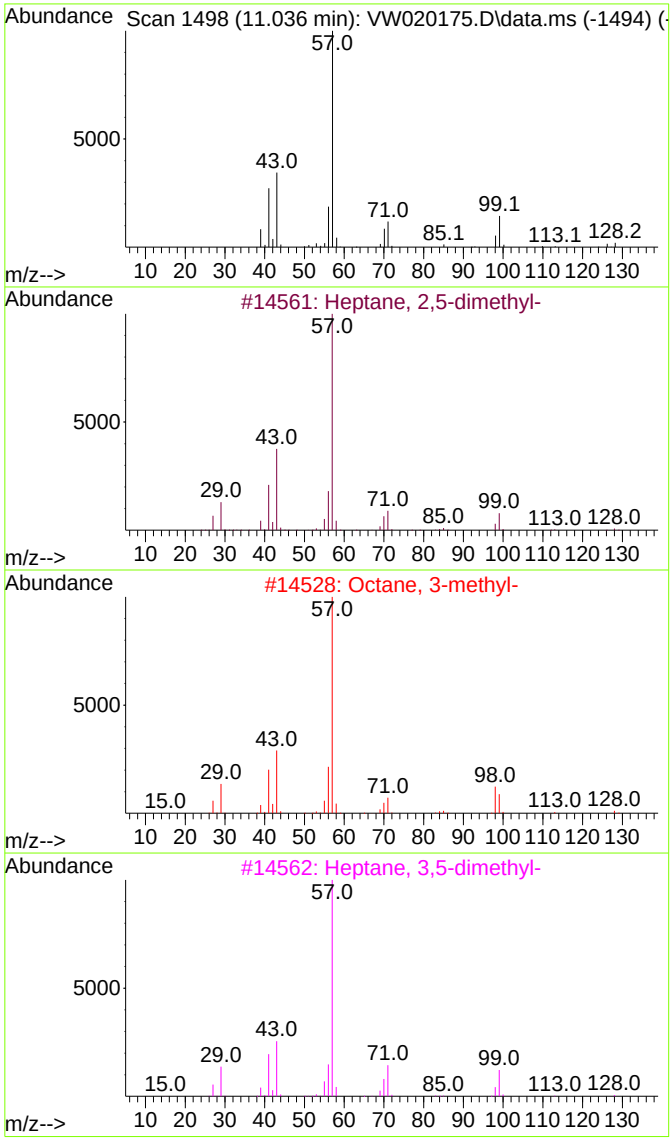
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

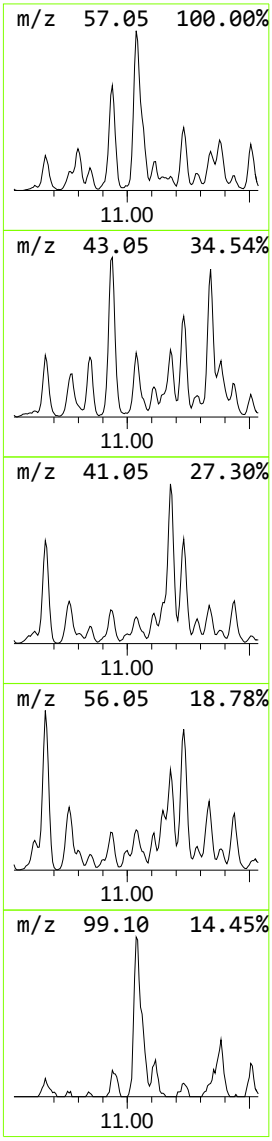
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	4.18 ug/L	177225	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
2	Octane, 3-methyl-	128	C9H20	002216-33-3	83
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

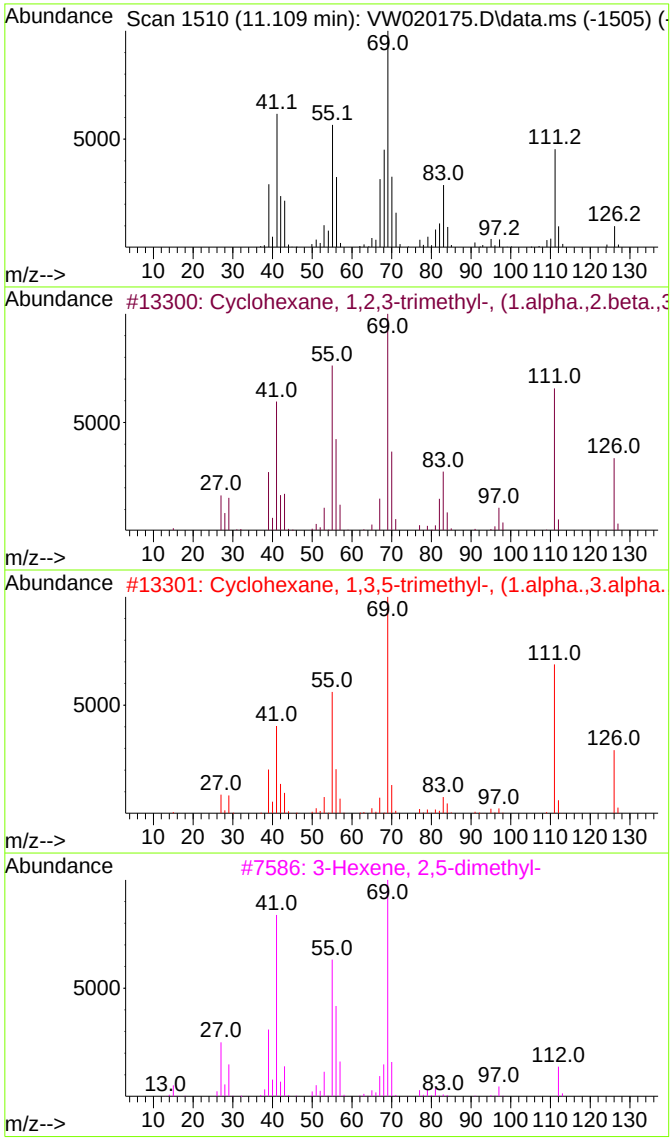
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

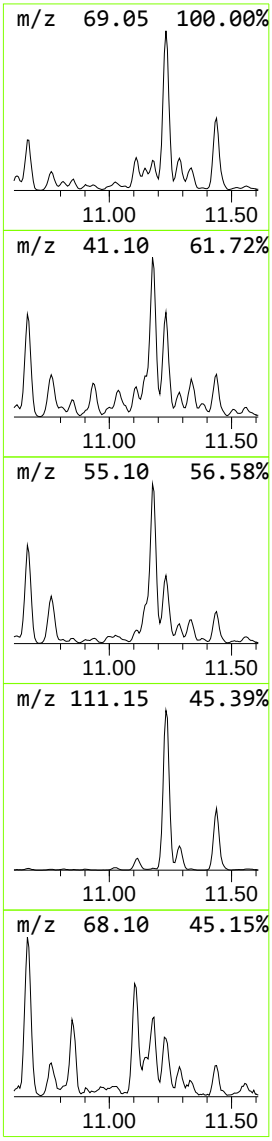
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic11.109 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	4.68 ug/L	198268	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	49
3	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	45
4	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	38
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

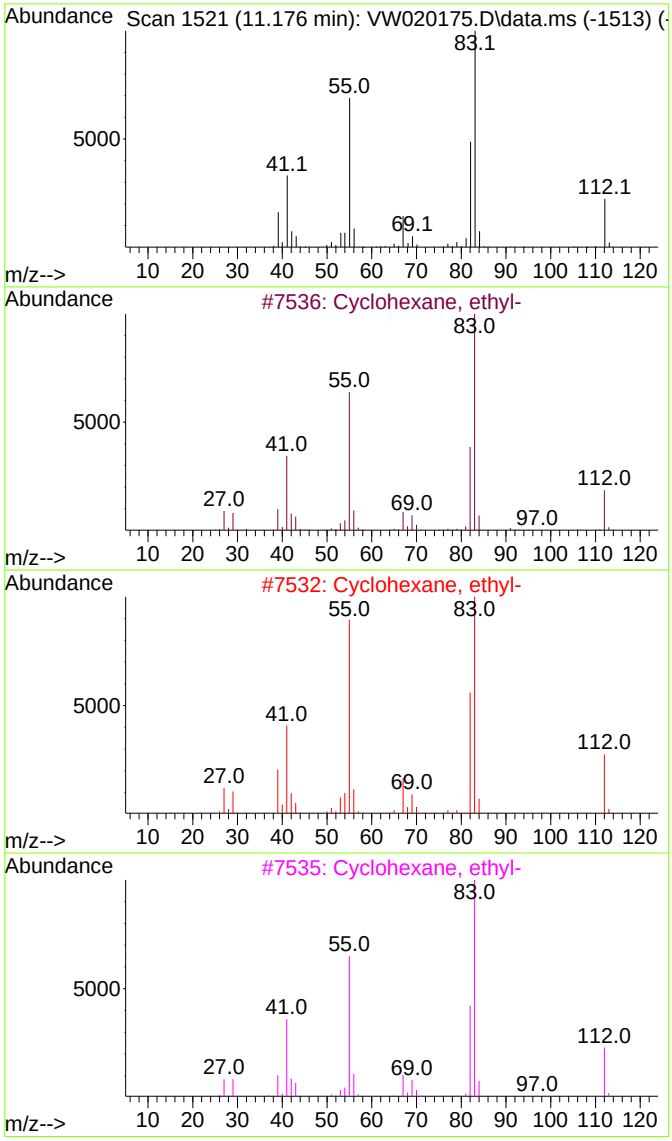
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

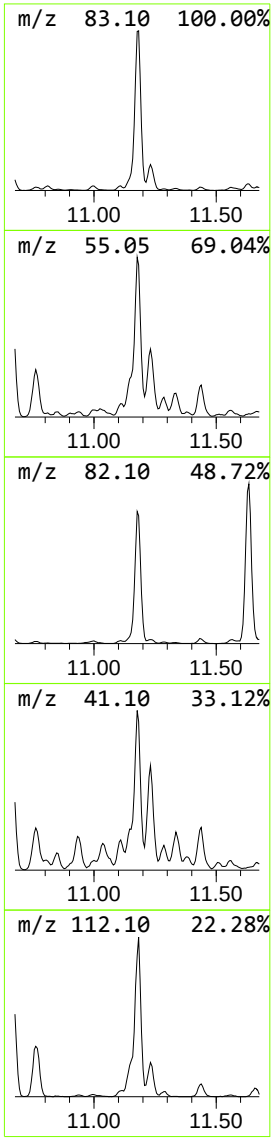
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic11.176 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.176	30.24 ug/L	1281690	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

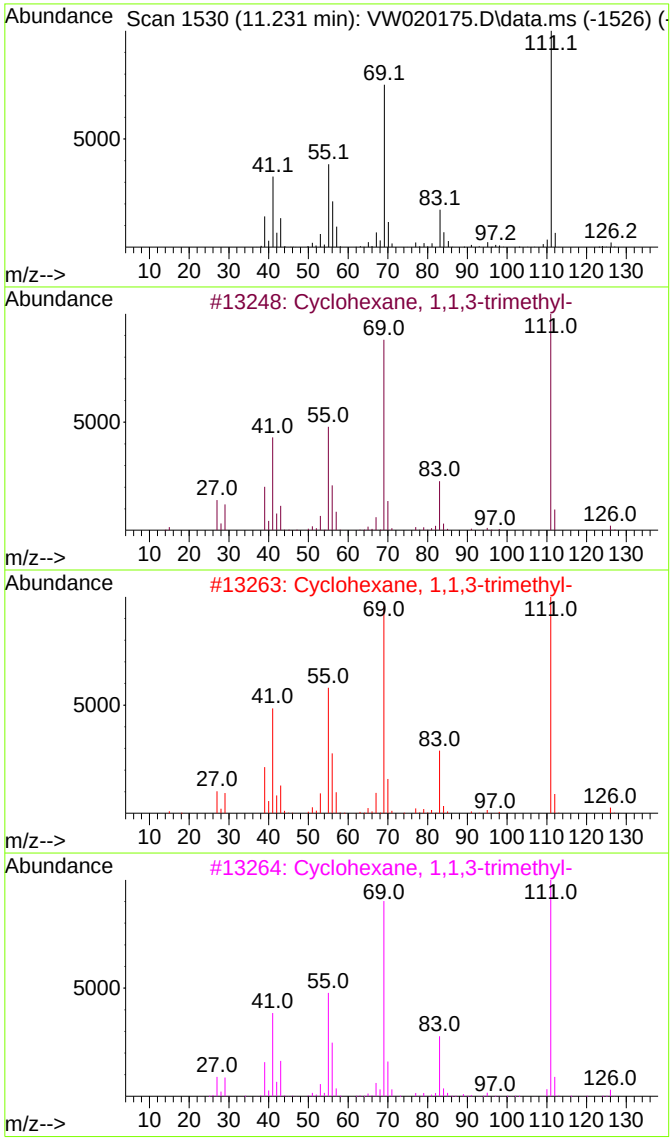
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

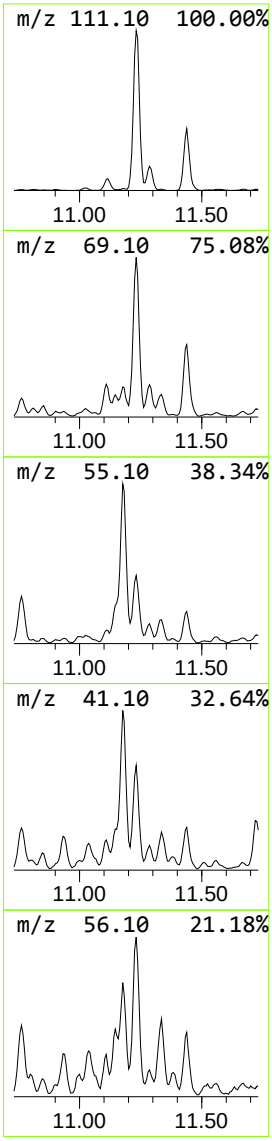
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic11.231 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	20.20 ug/L	856057	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

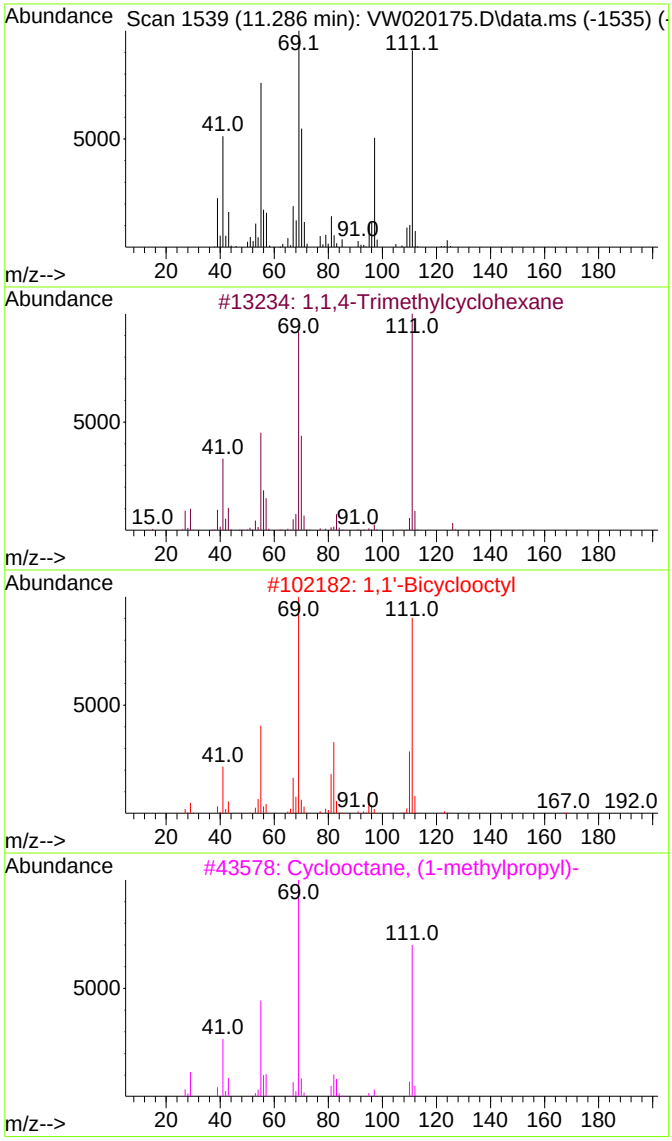
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

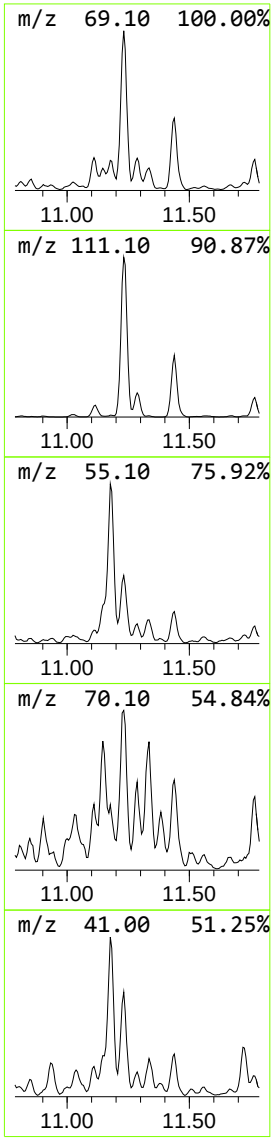
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic11.286 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.75 ug/L	116549	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	53
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	50
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
4	Triallylsilane	152	C9H16Si	001116-62-7	35
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

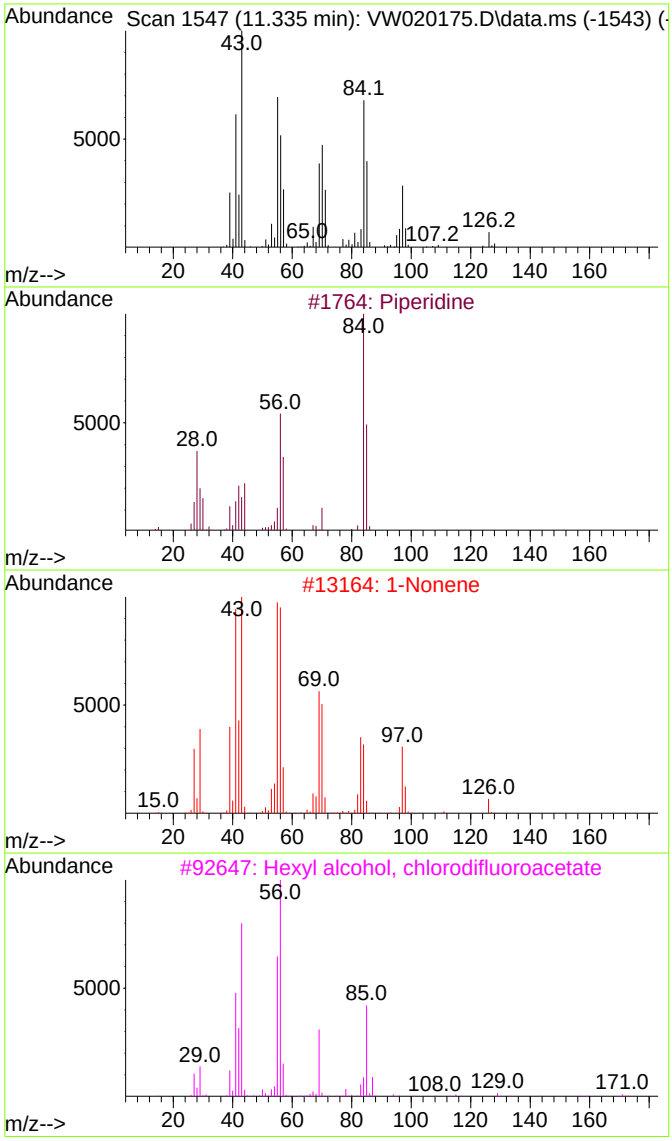
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

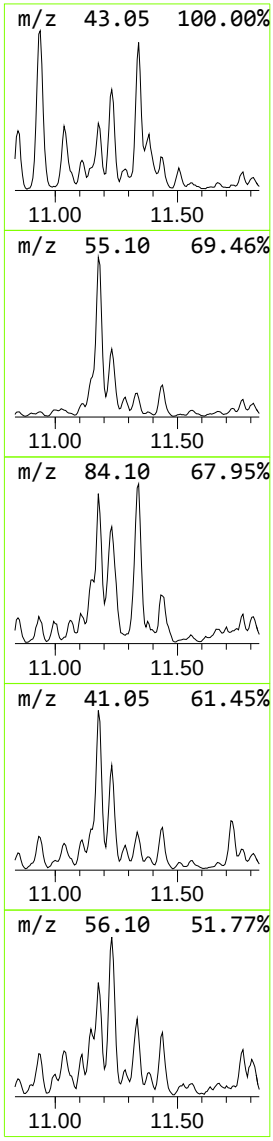
****

Peak Number 18 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	5.98 ug/L	253542	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	46
2	1-Nonene	126	C9H18	000124-11-8	41
3	Hexyl alcohol, chlorodifluoroace...	214	C8H13ClF2O2	1000447-24-1	35
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	35
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

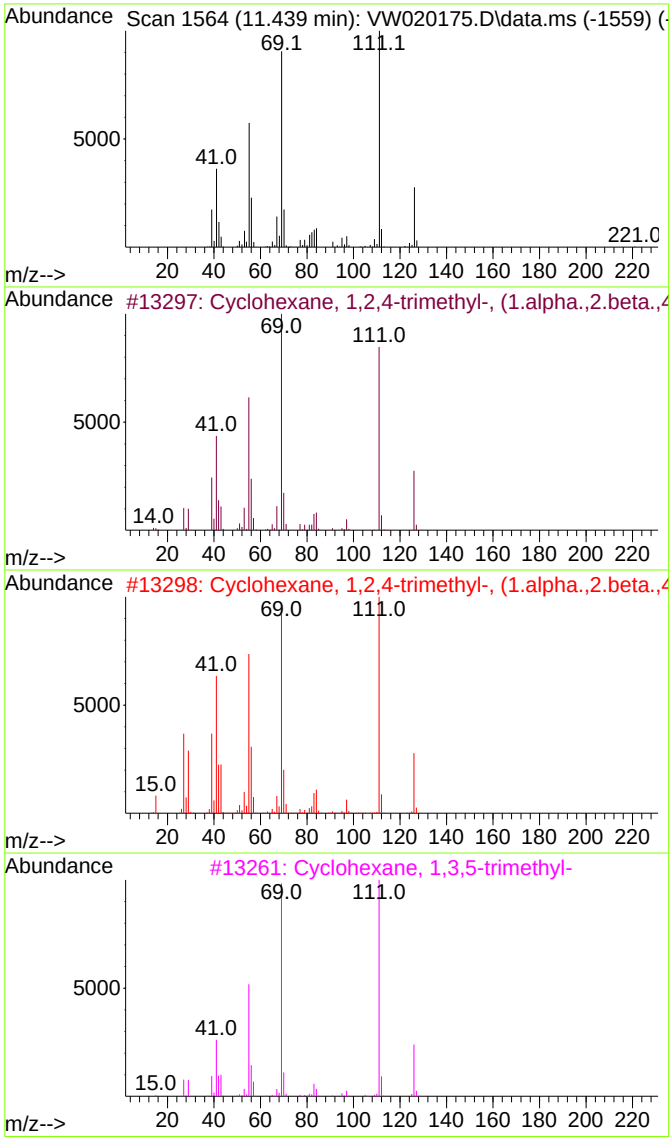
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

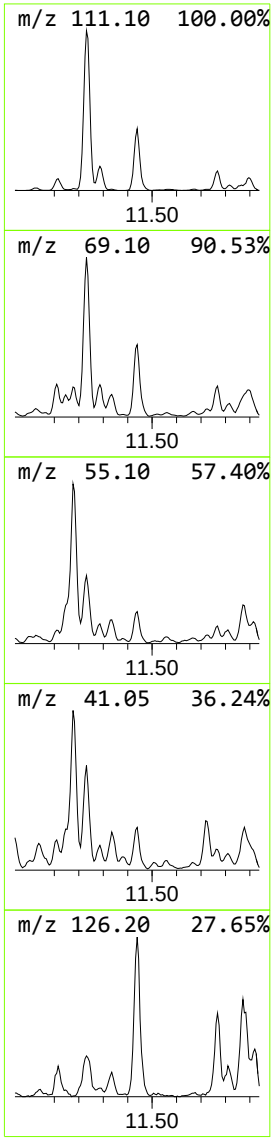
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic11.439 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	10.22 ug/L	433244	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

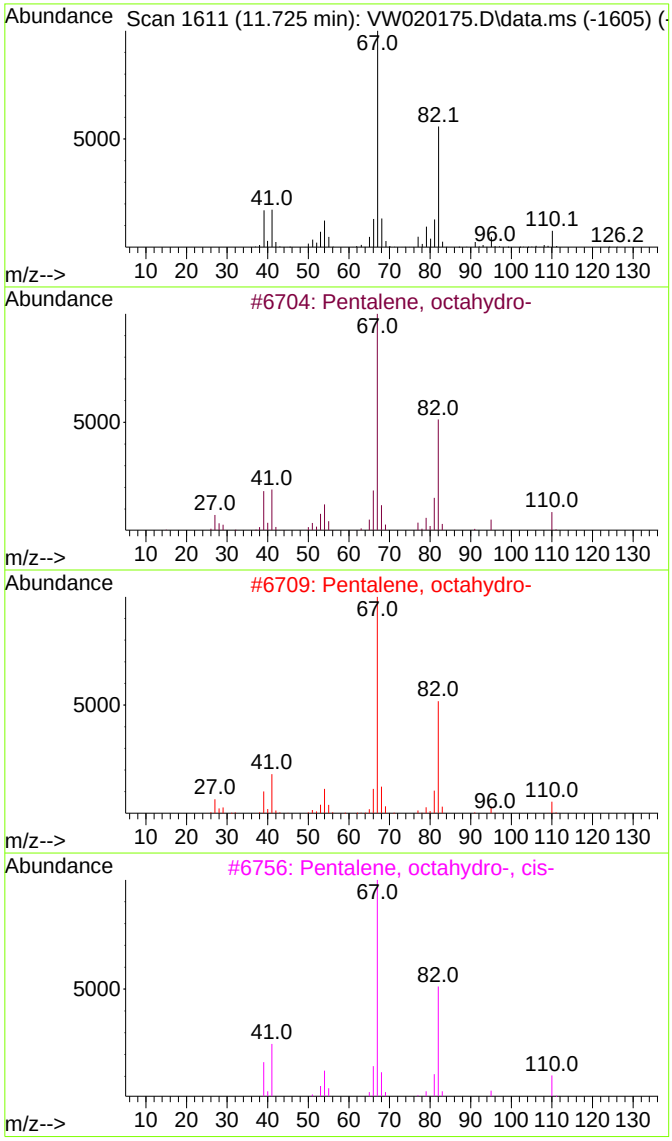
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

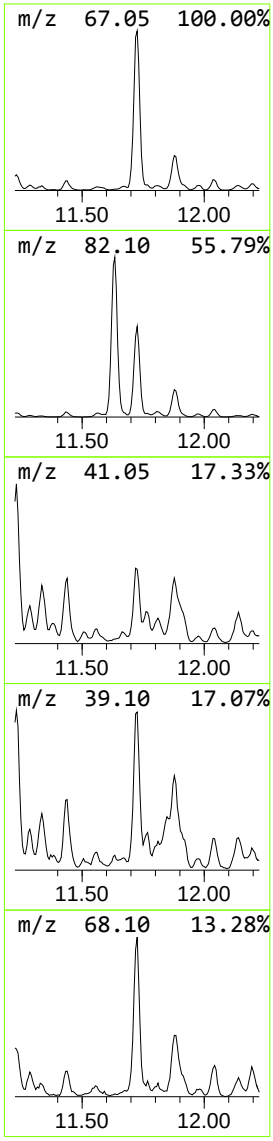
****

Peak Number 20 Pentalene, octahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	14.60 ug/L	618883	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2	Pentalene, octahydro-	110	C8H14	000694-72-4	90
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	87
5	4-Methyl-2-pentyne	82	C6H10	021020-27-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

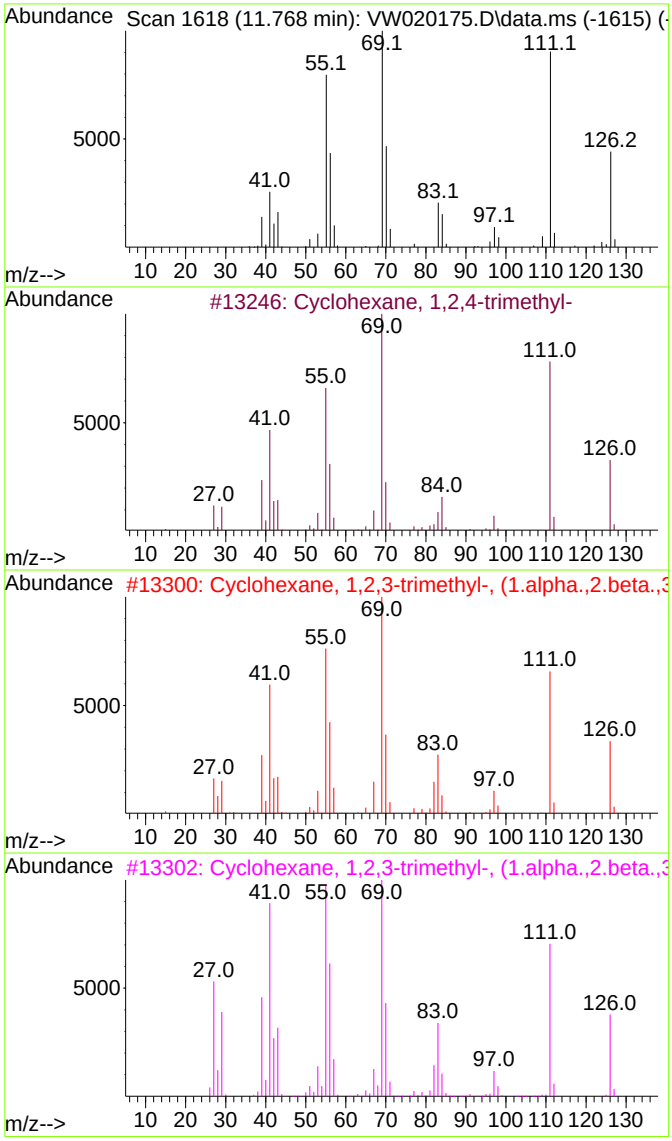
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

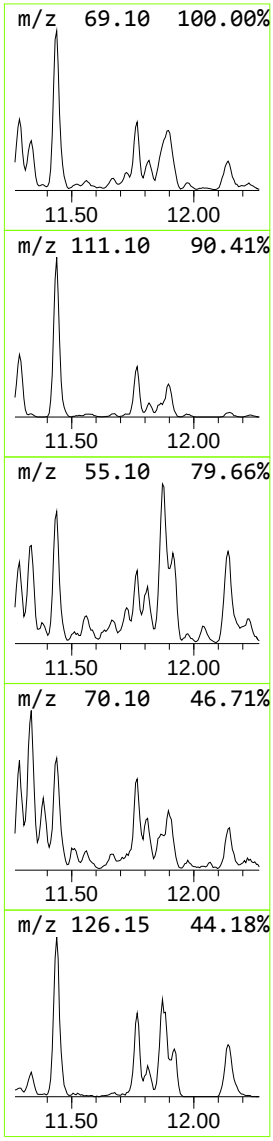
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic11.768 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.768	2.38 ug/L	100704	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	81
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	78
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

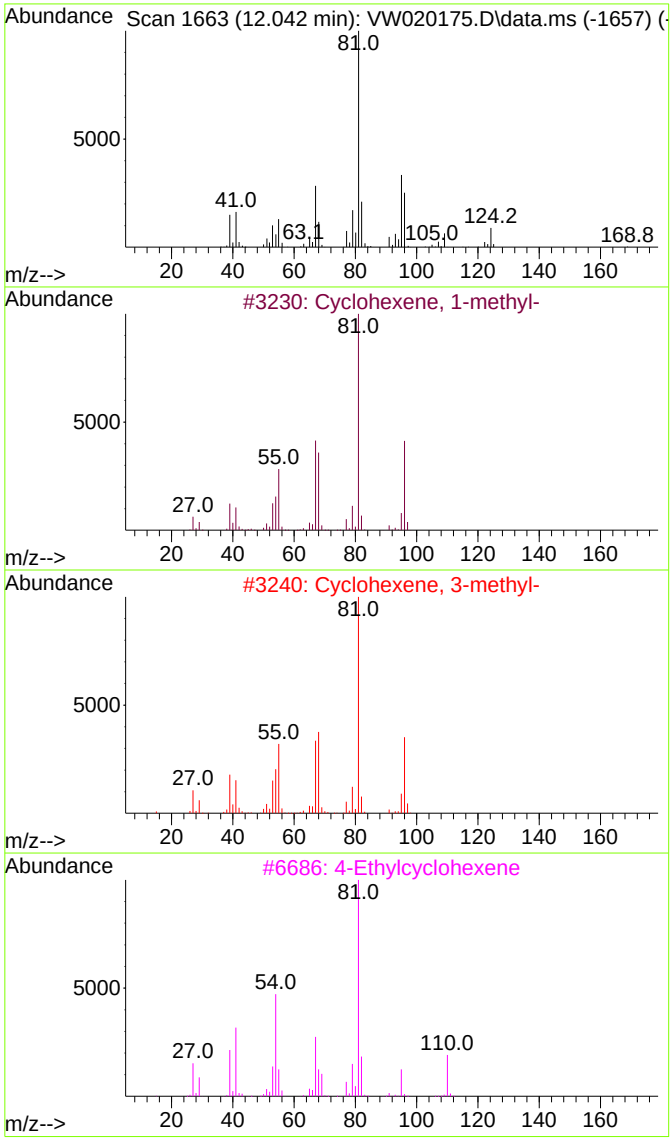
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

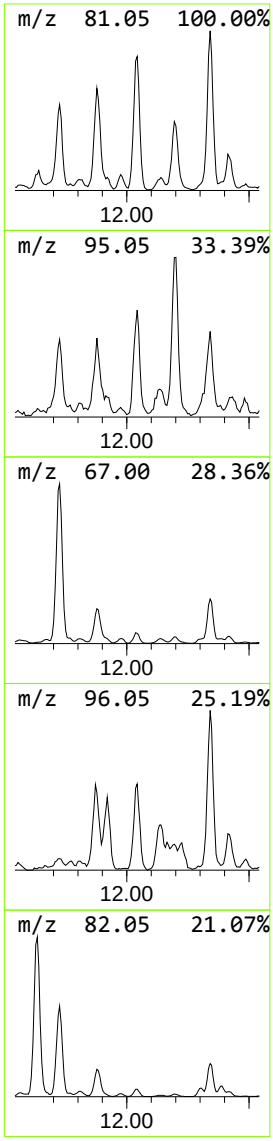
****

Peak Number 22 Cyclohexene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.042	4.19 ug/L	177563	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	59
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	59
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

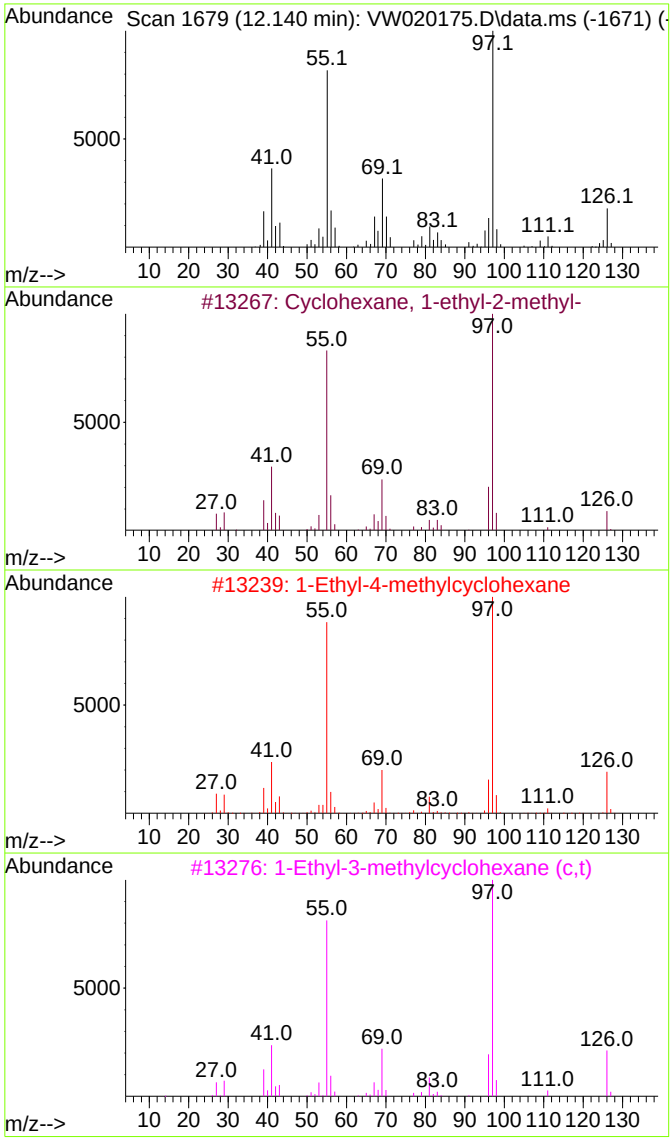
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

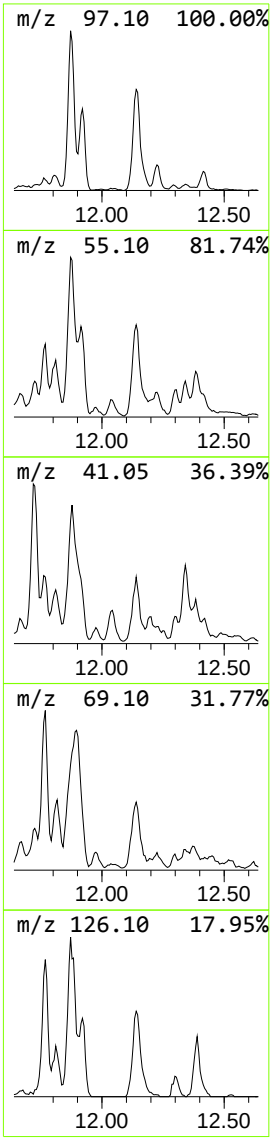
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic12.140 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	6.51 ug/L	275894	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

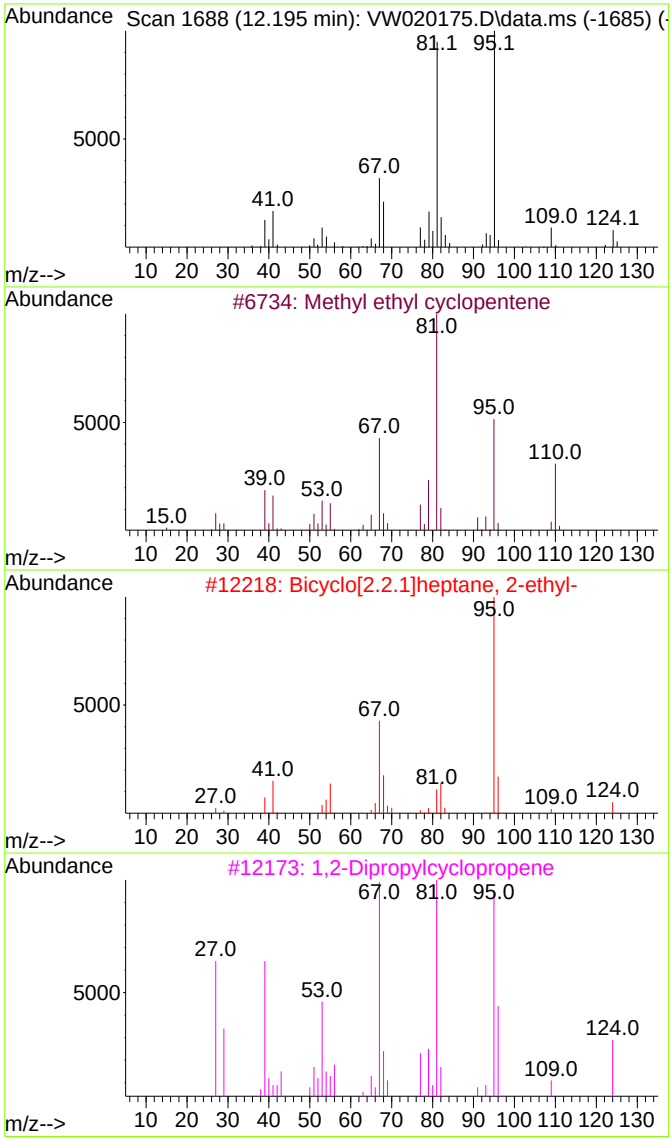
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

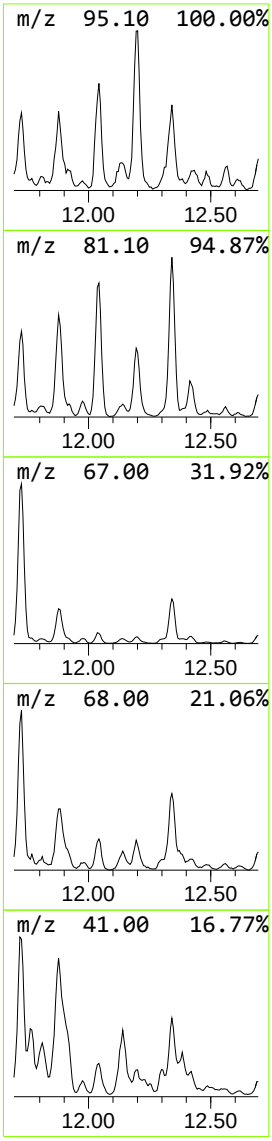
****

Peak Number 24 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.195	4.03 ug/L	170604	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	47
2	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	43
3	1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	42
4	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	37
5	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

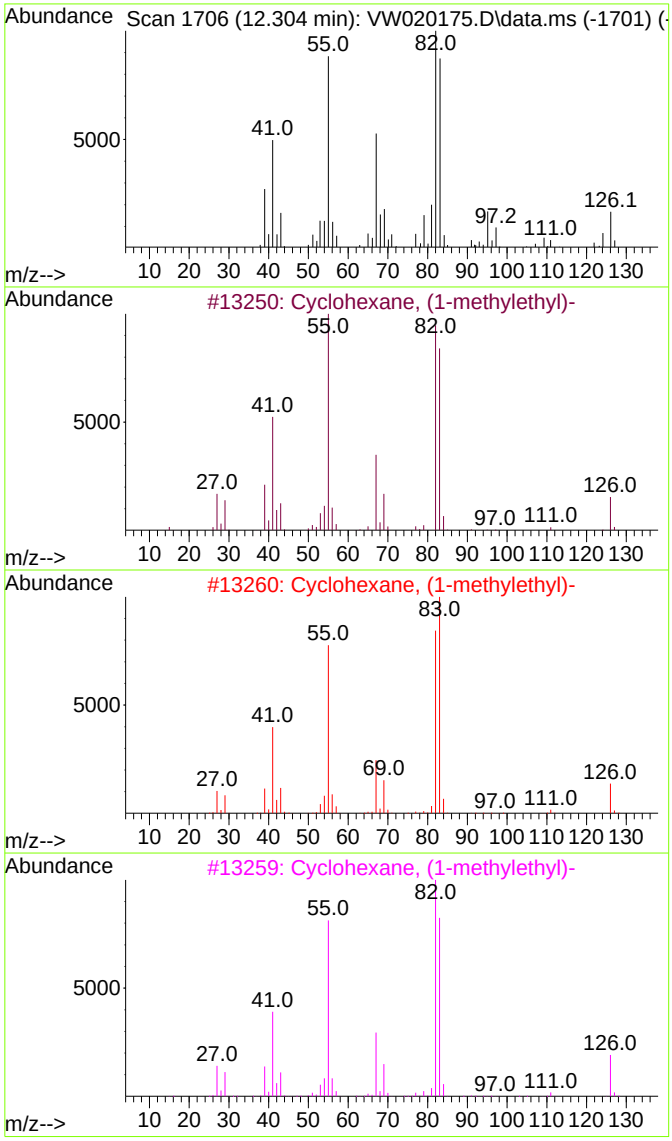
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

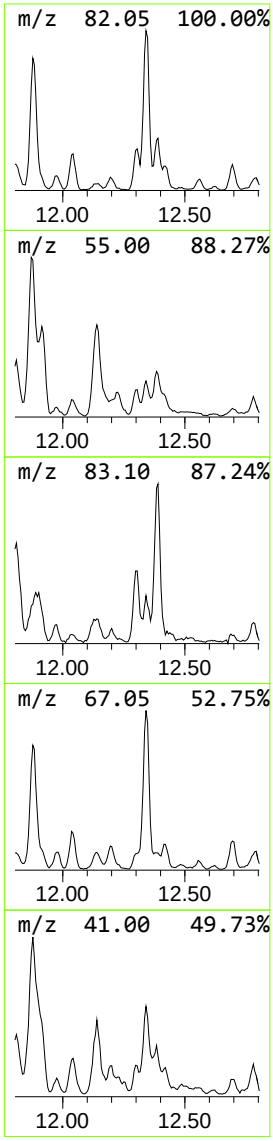
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic12.304 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	1.39 ug/L	58756	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	68
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

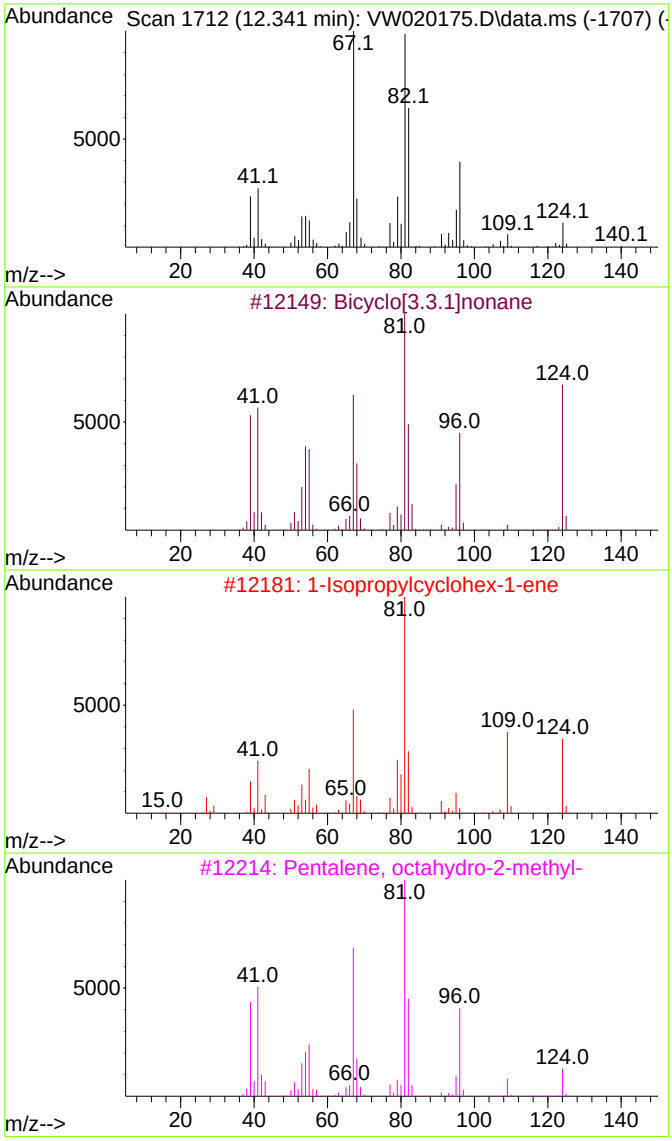
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

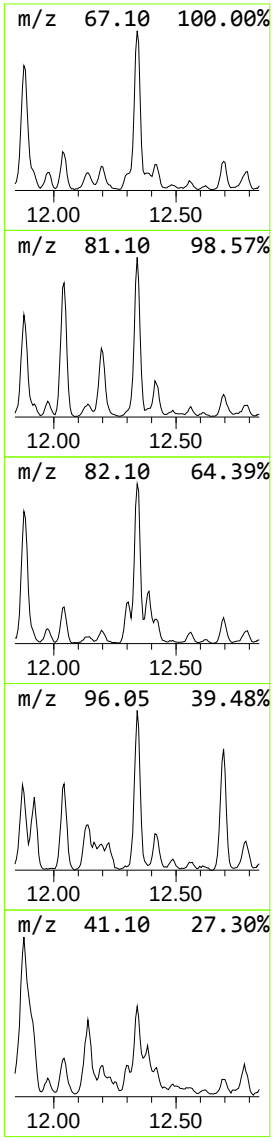
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Bicyclo[3.3.1]nonane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	6.16 ug/L	261249	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	64
2	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	58
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	52
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

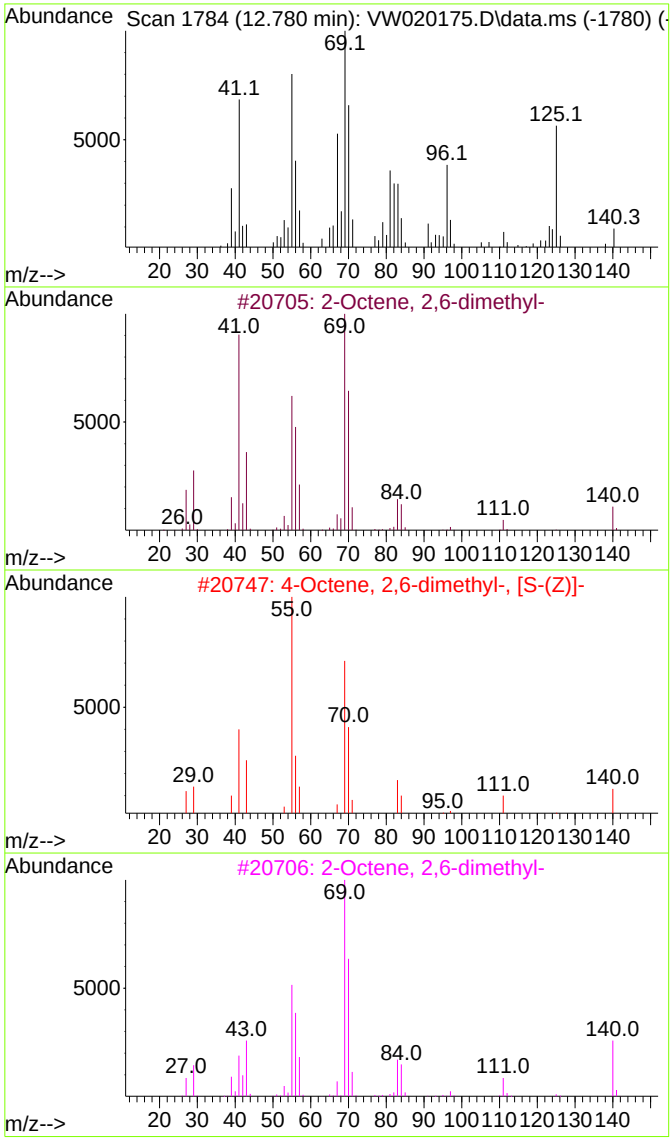
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

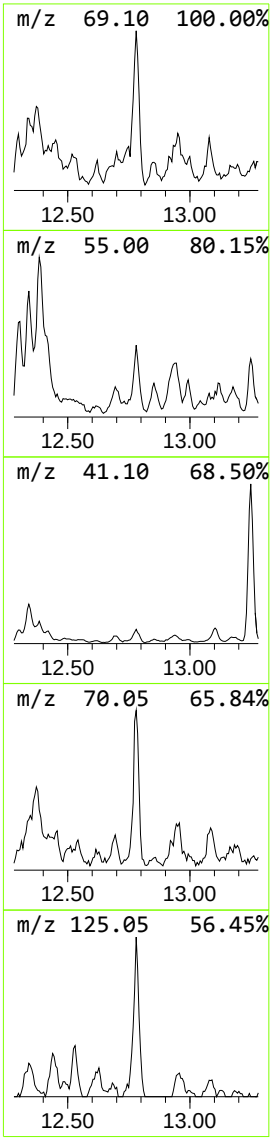
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	4.28 ug/L	91290	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	43
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
5	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

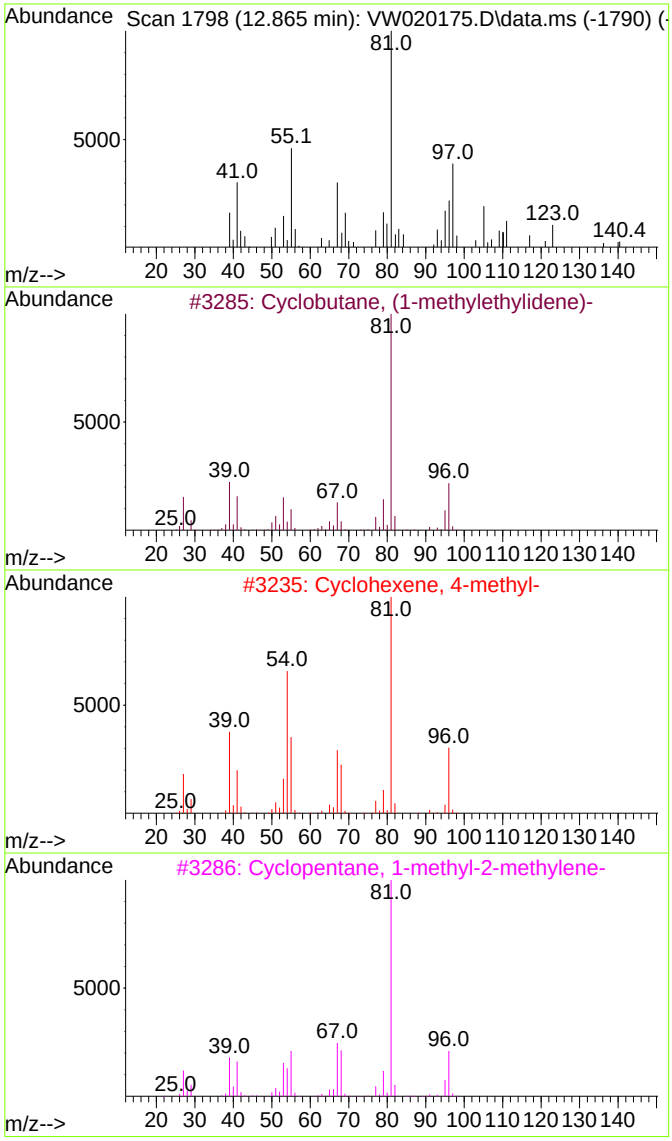
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

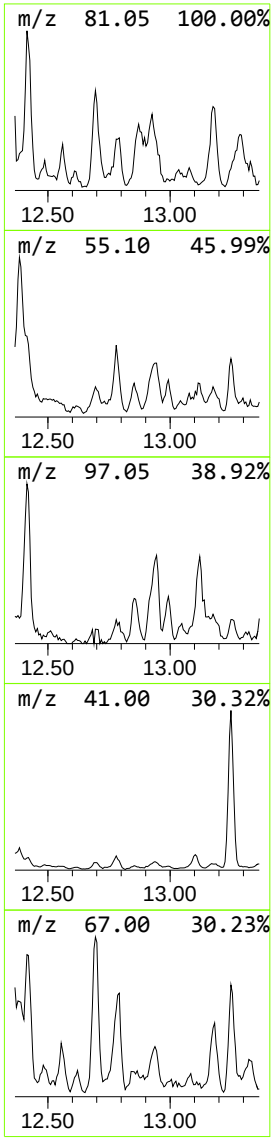
****

Peak Number 28 unknown-03 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.38 ug/L	29414	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	49
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	46
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	43
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

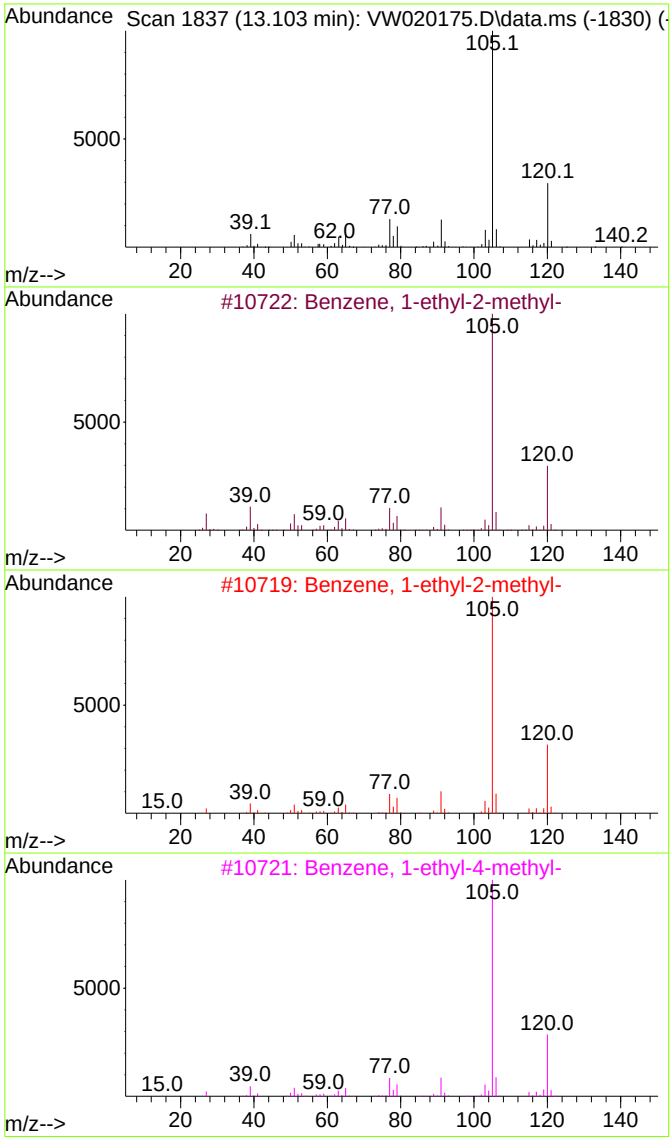
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

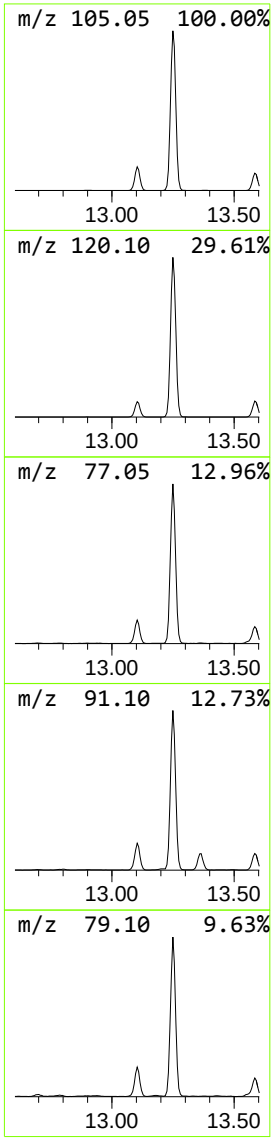
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	44.12 ug/L	941514	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

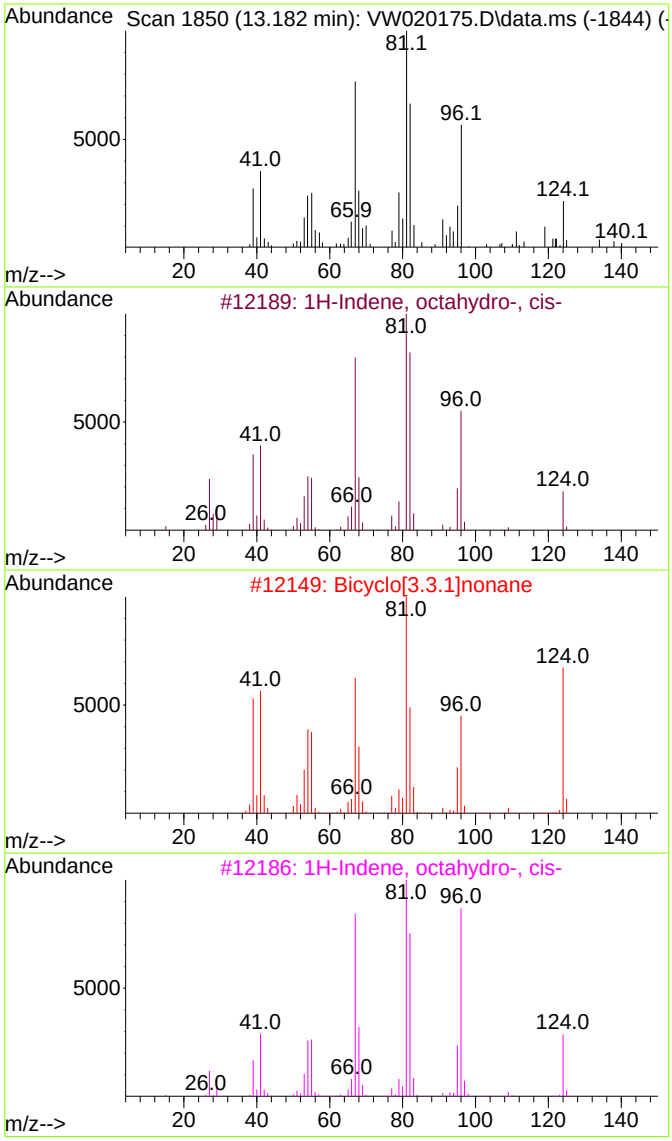
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

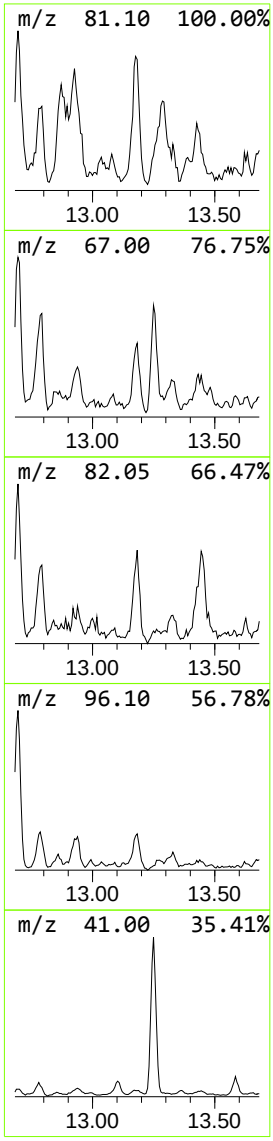
****

Peak Number 30 1H-Indene, octahydro-, cis- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.182	2.16 ug/L	46090	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	94
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	72
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	60
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

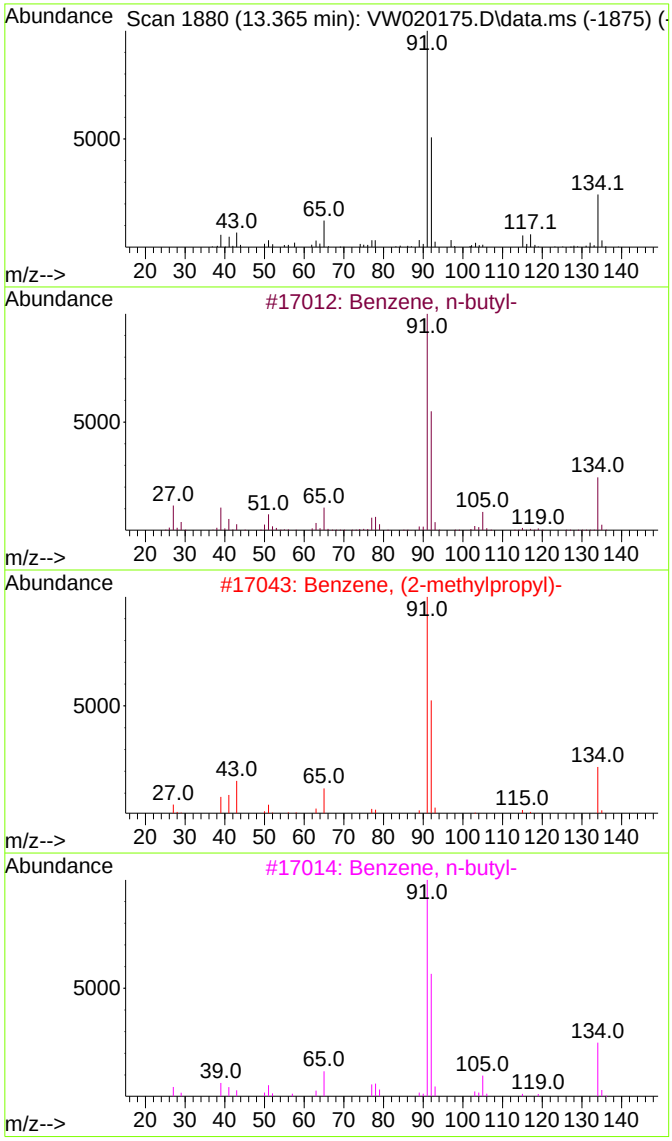
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

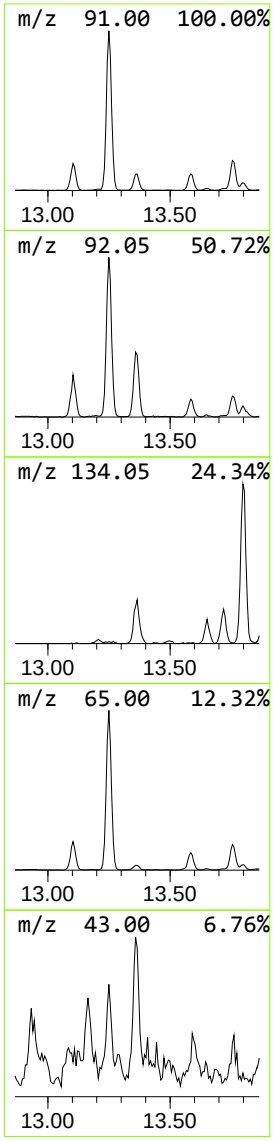
****

Peak Number 31 Benzene, n-butyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	3.59 ug/L	76711	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, n-butyl-	134	C10H14	000104-51-8	80
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
3	Benzene, n-butyl-	134	C10H14	000104-51-8	80
4	Benzene, n-butyl-	134	C10H14	000104-51-8	80
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

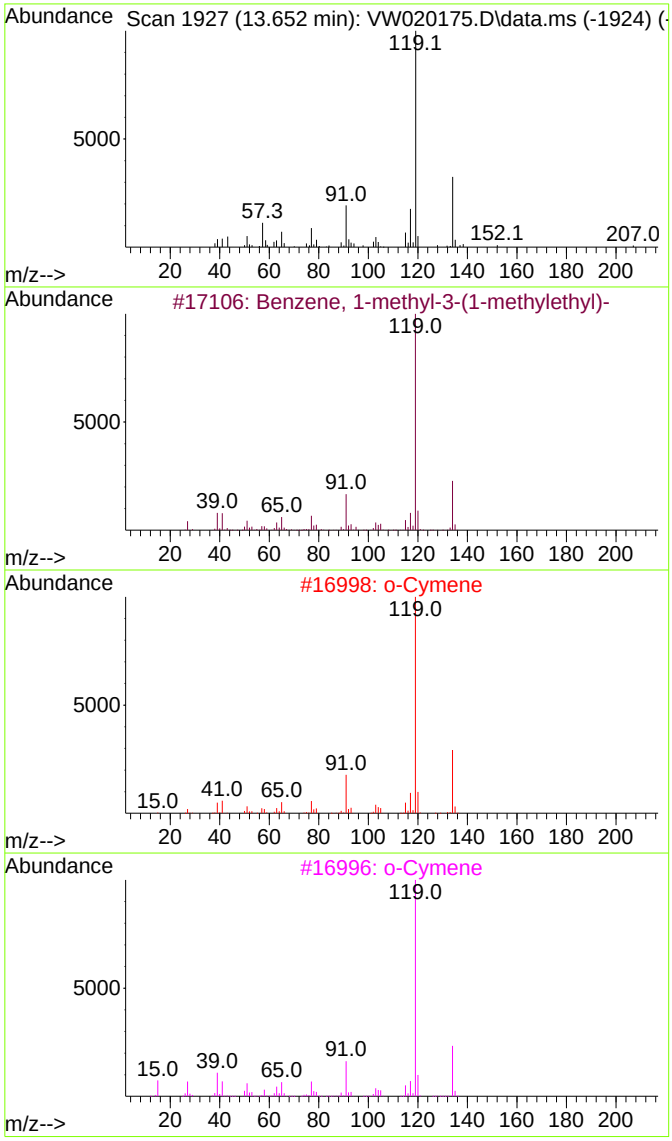
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

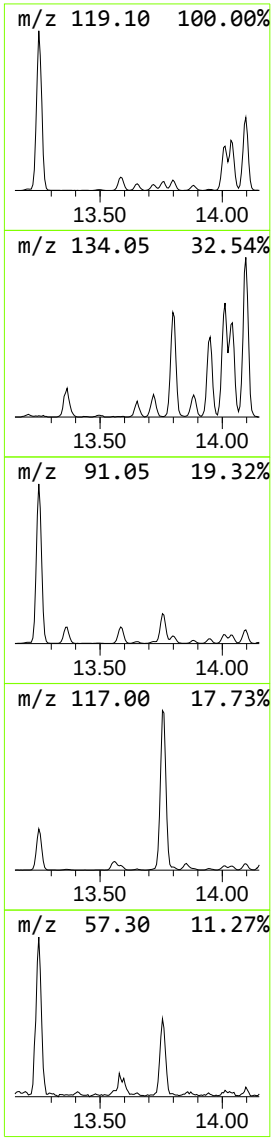
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-methyl-3-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	1.71 ug/L	36467	1,4-Dichlorobenzene-d4	13.560

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

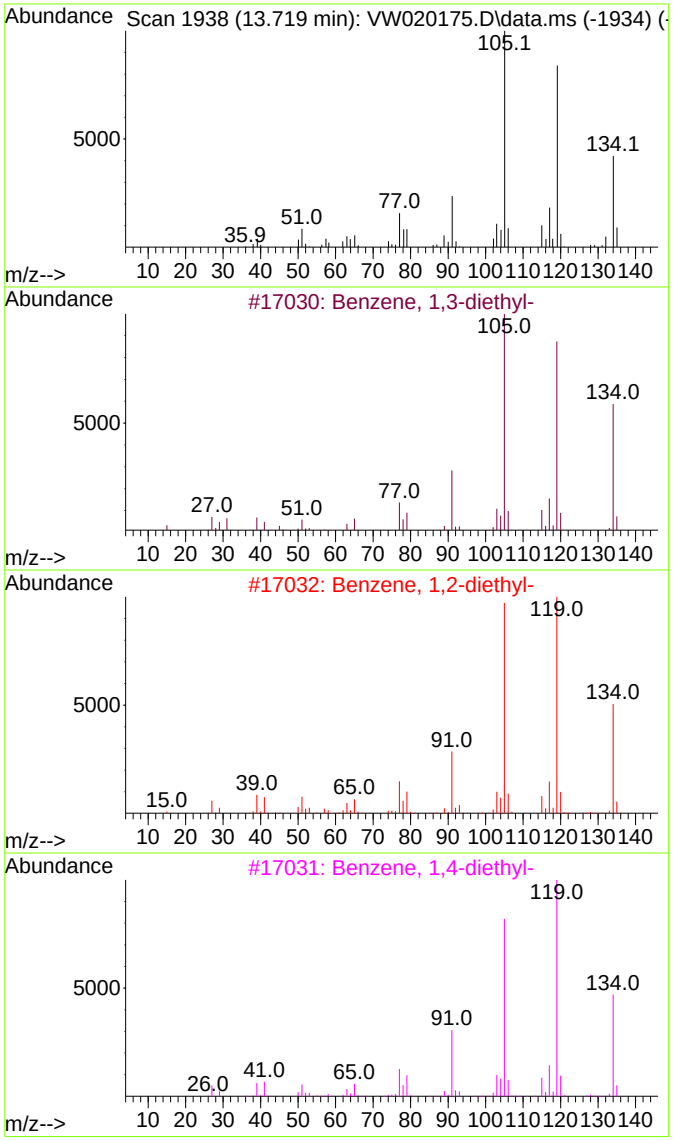
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

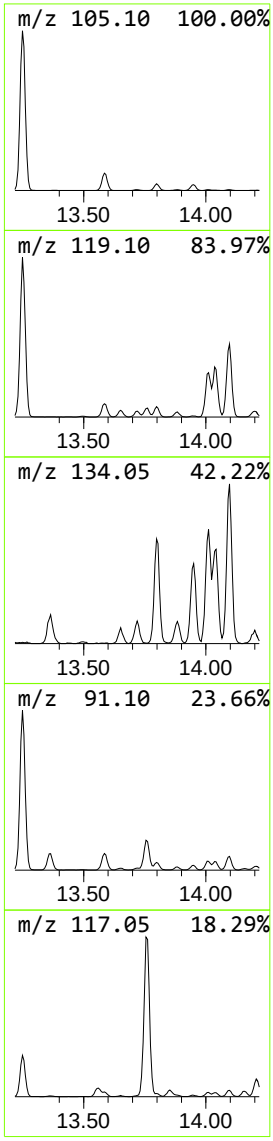
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,3-diethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	2.38 ug/L	50825	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

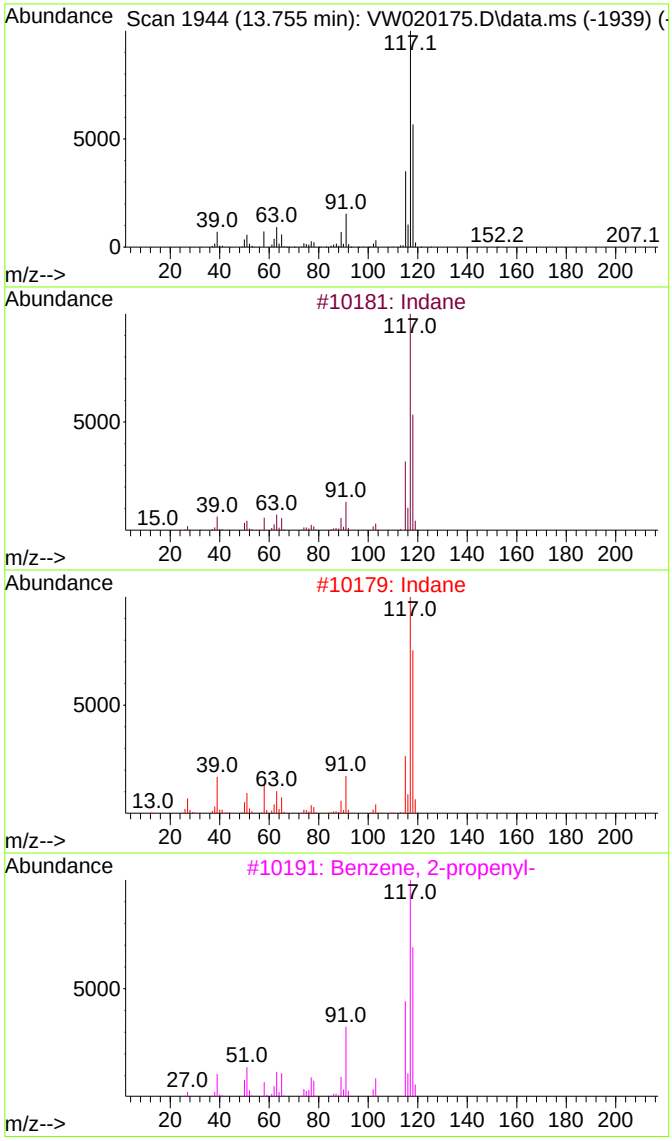
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

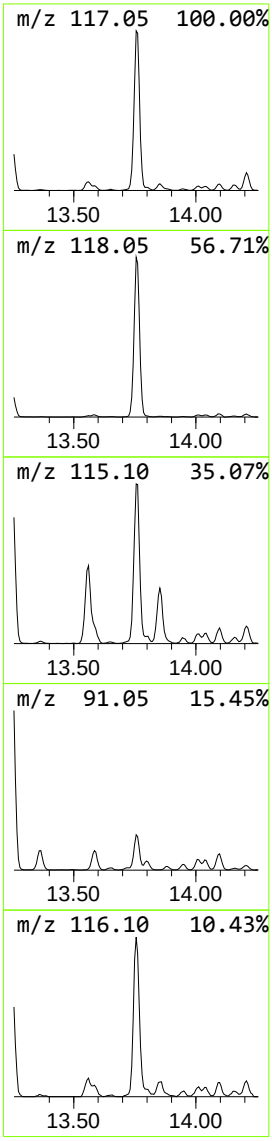
****

Peak Number 34 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	50.87 ug/L	1085580	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

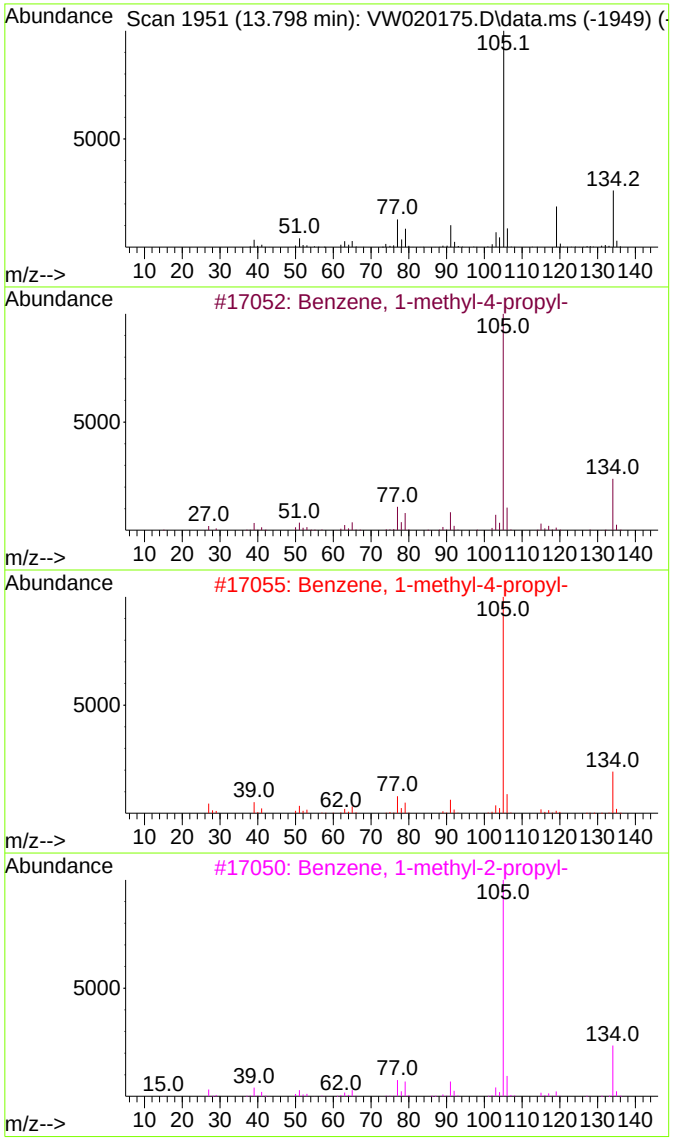
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

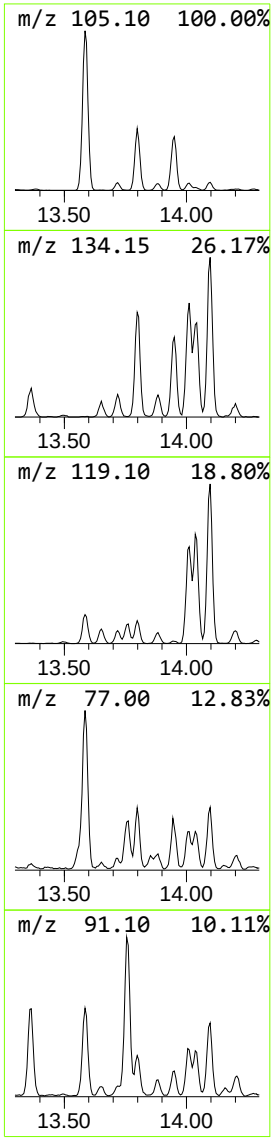
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	10.72 ug/L	228743	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	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5	2-Tolyloxirane	134	C9H10O	002783-26-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

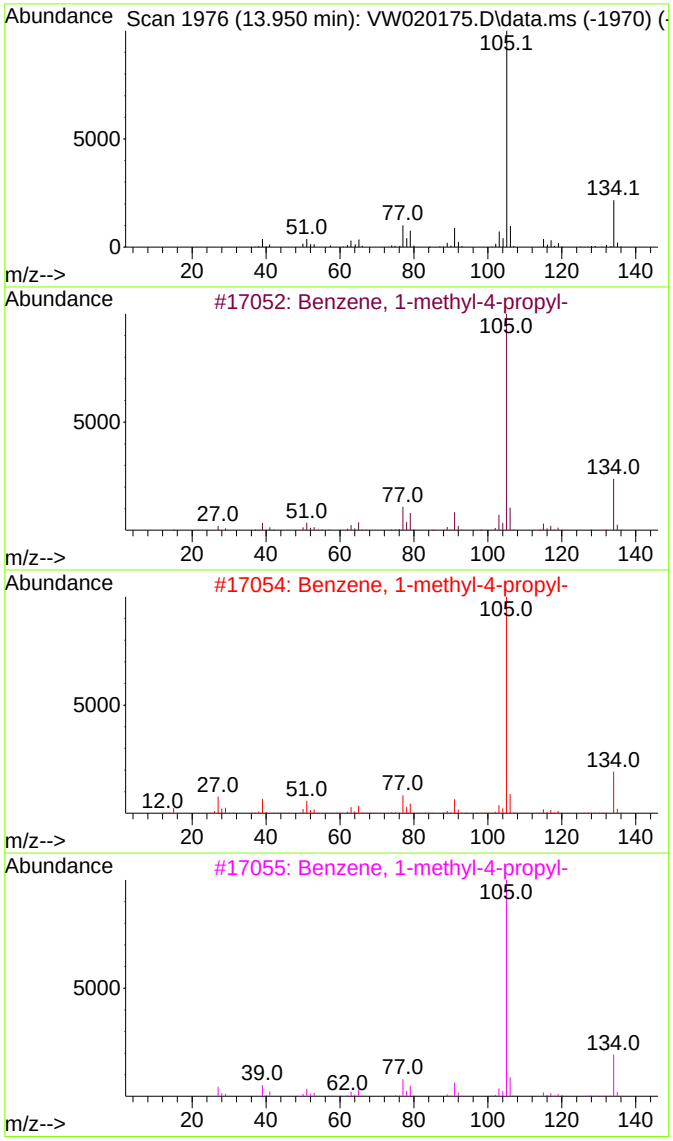
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

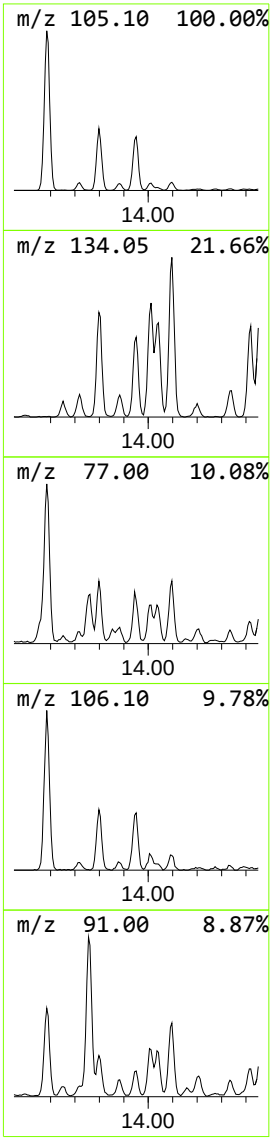
****

Peak Number 36 2-Tolyloxirane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	10.12 ug/L	215848	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	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

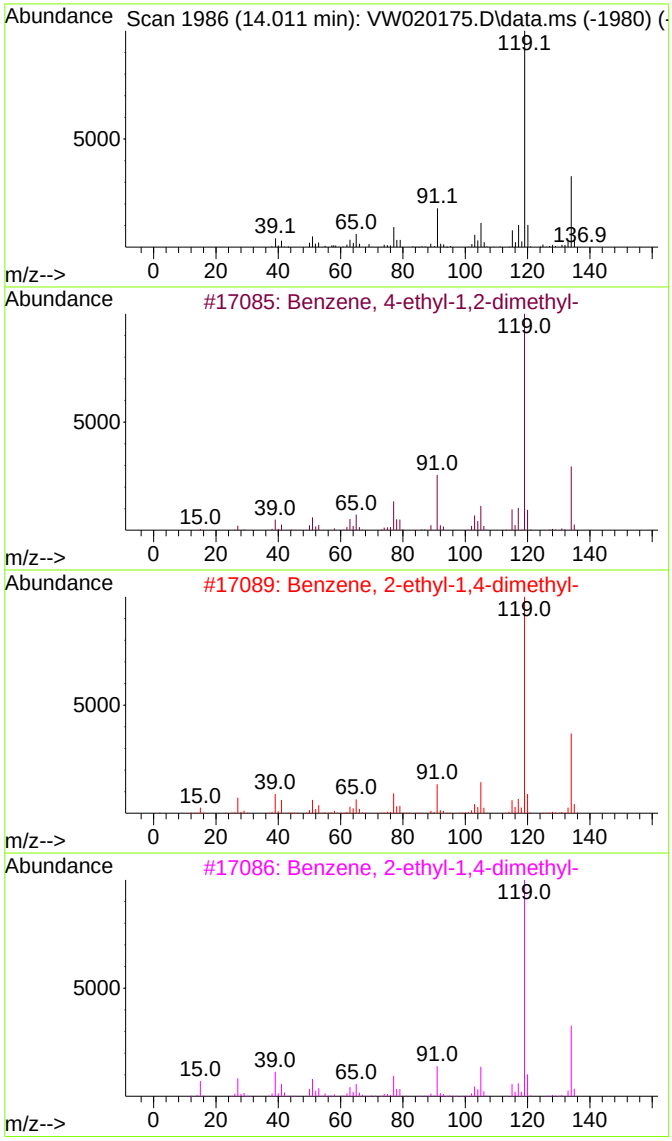
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

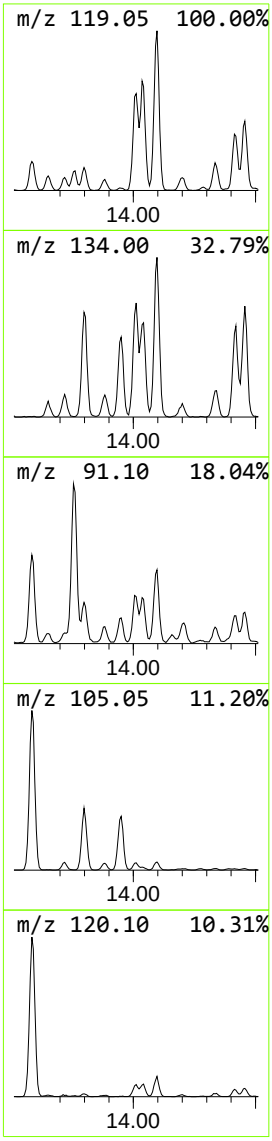
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	12.41 ug/L	264769	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	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

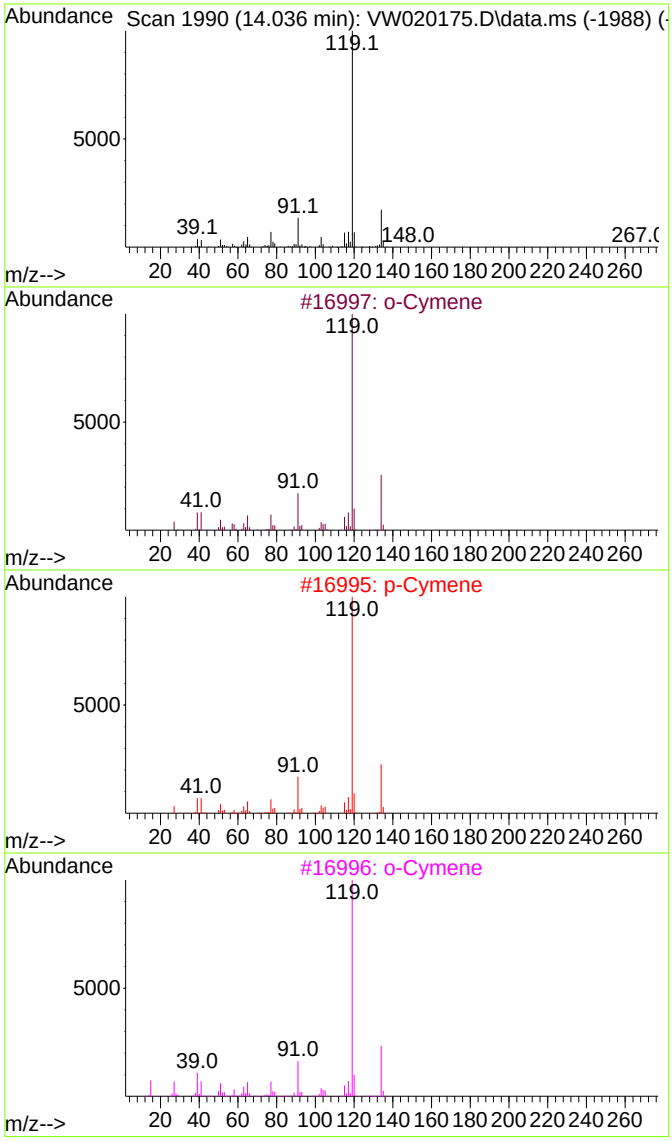
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

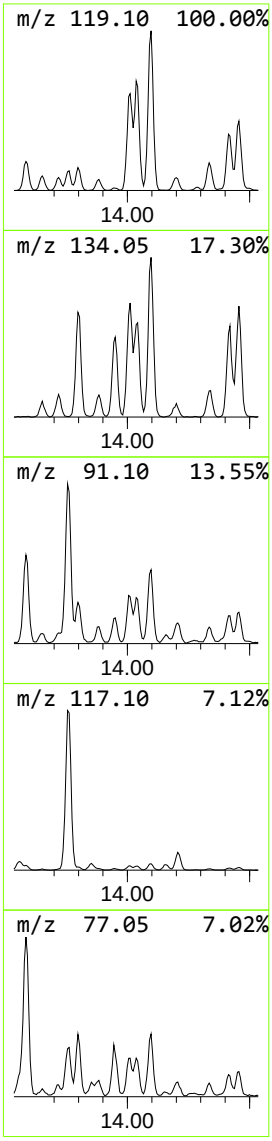
****

Peak Number 38 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	10.84 ug/L	231406	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	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

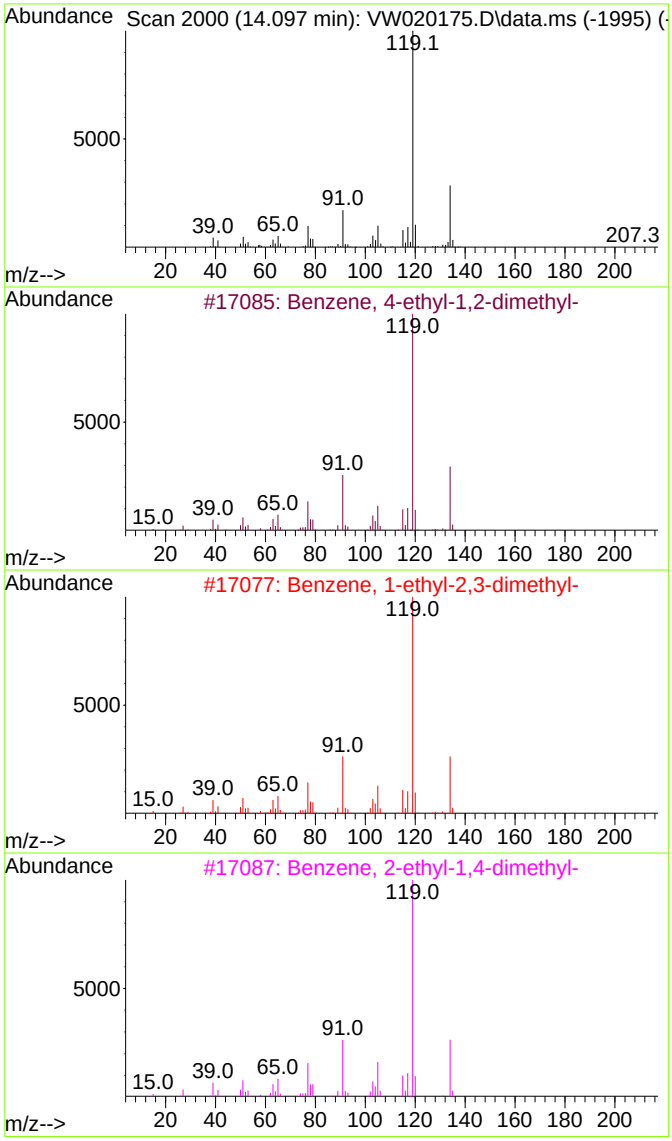
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

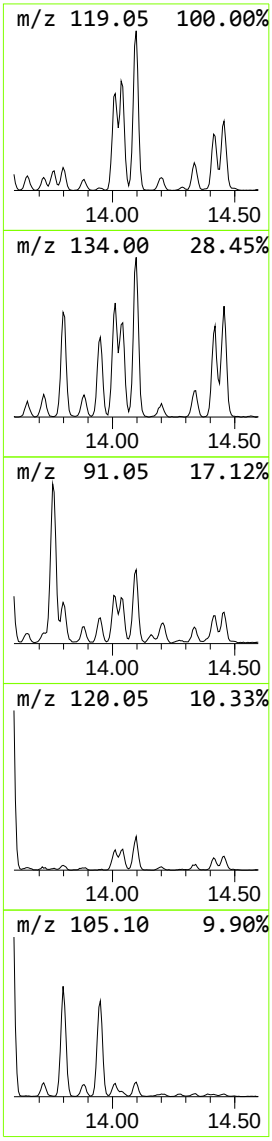
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	17.80 ug/L	379816	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	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

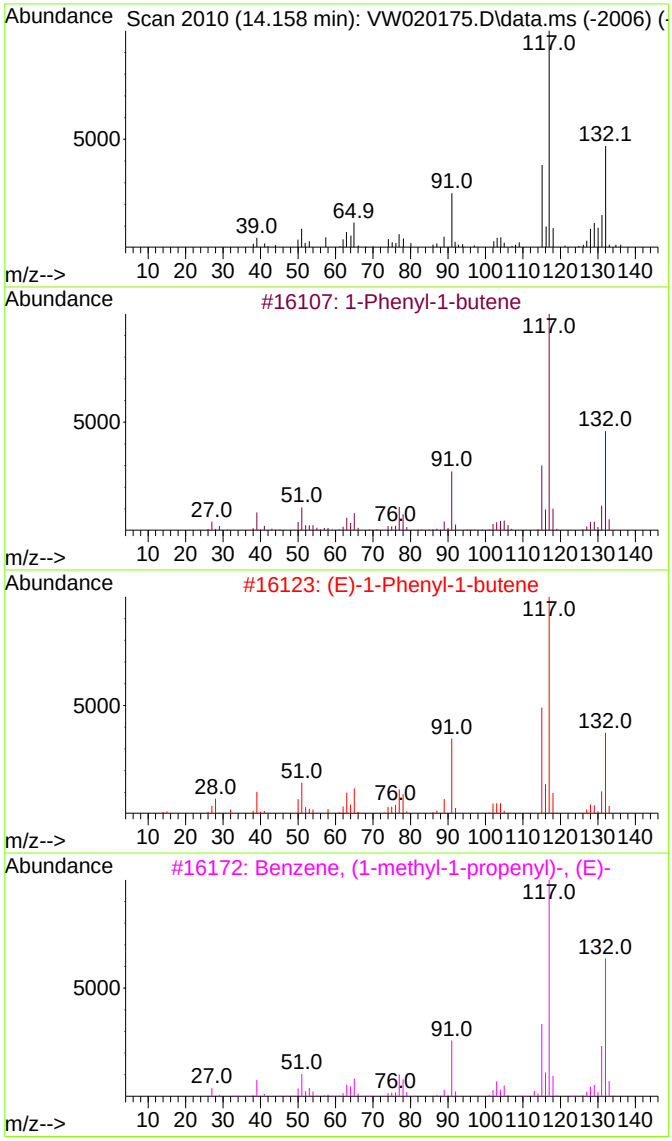
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

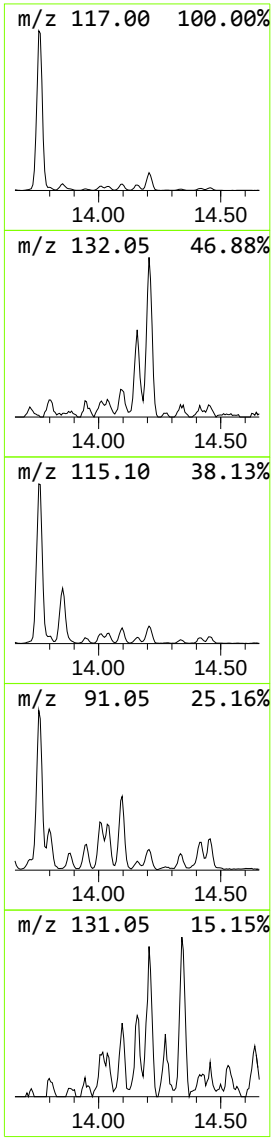
****

Peak Number 40 1-Phenyl-1-butene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.158	1.99 ug/L	42523	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

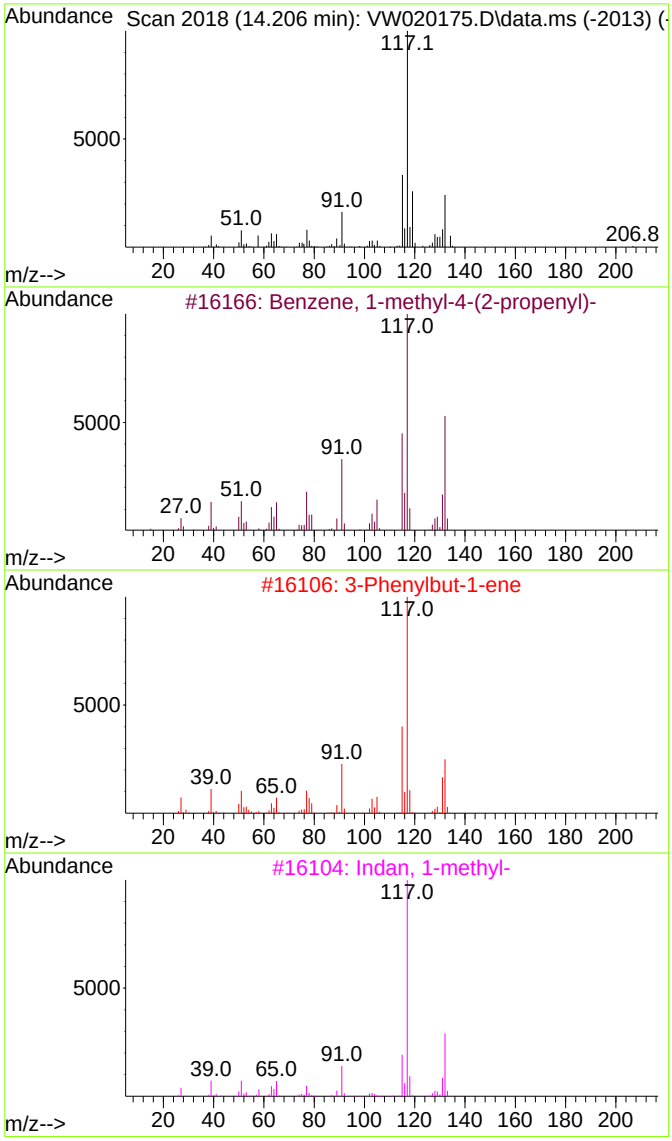
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

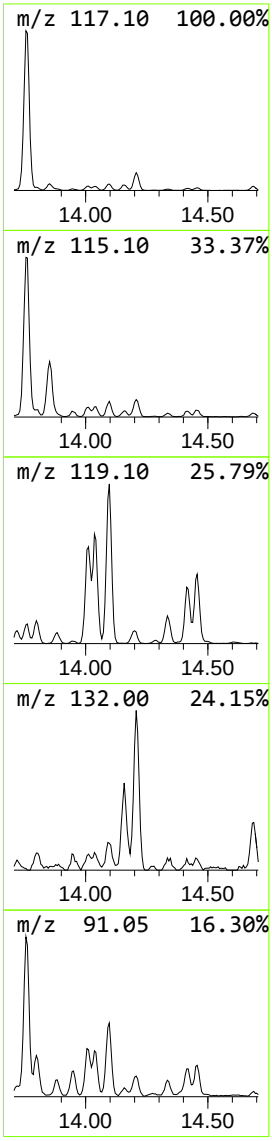
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1-methyl-4-(2-prop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	6.58 ug/L	140431	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	72
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	Indan, 1-methyl-	132	C10H12	000767-58-8	62
4	Indan, 1-methyl-	132	C10H12	000767-58-8	58
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

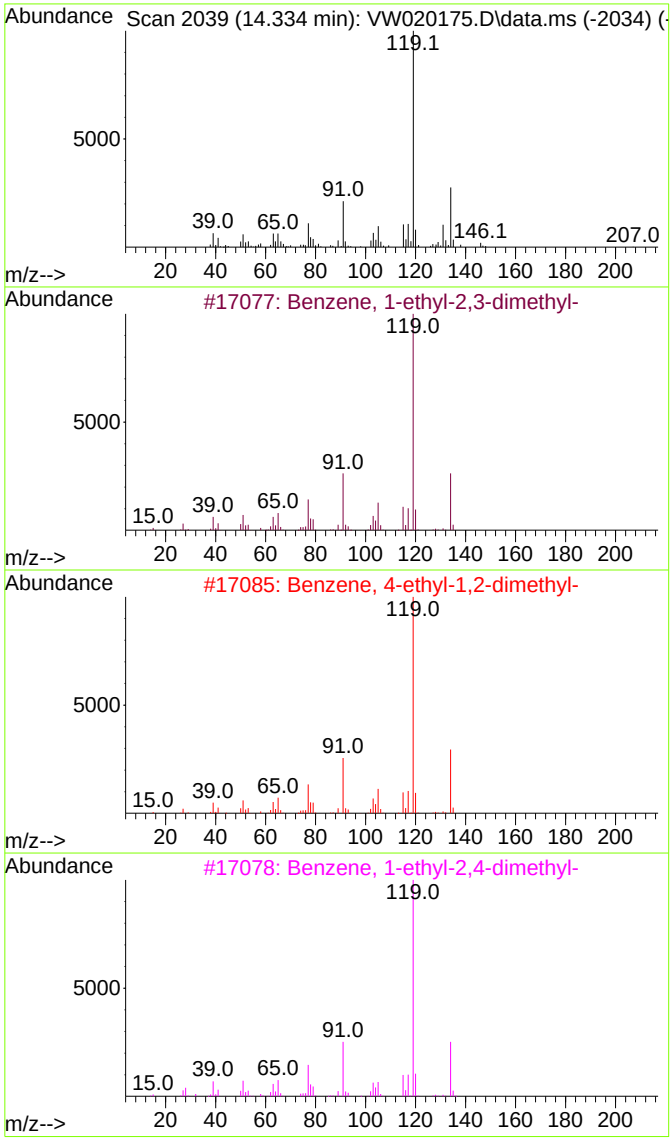
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

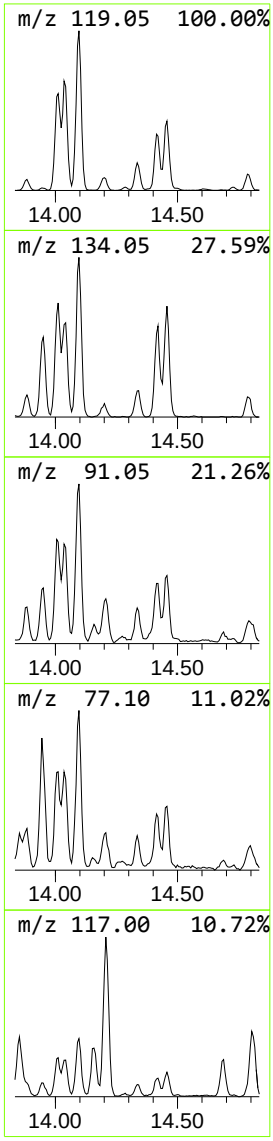
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	3.48 ug/L	74332	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

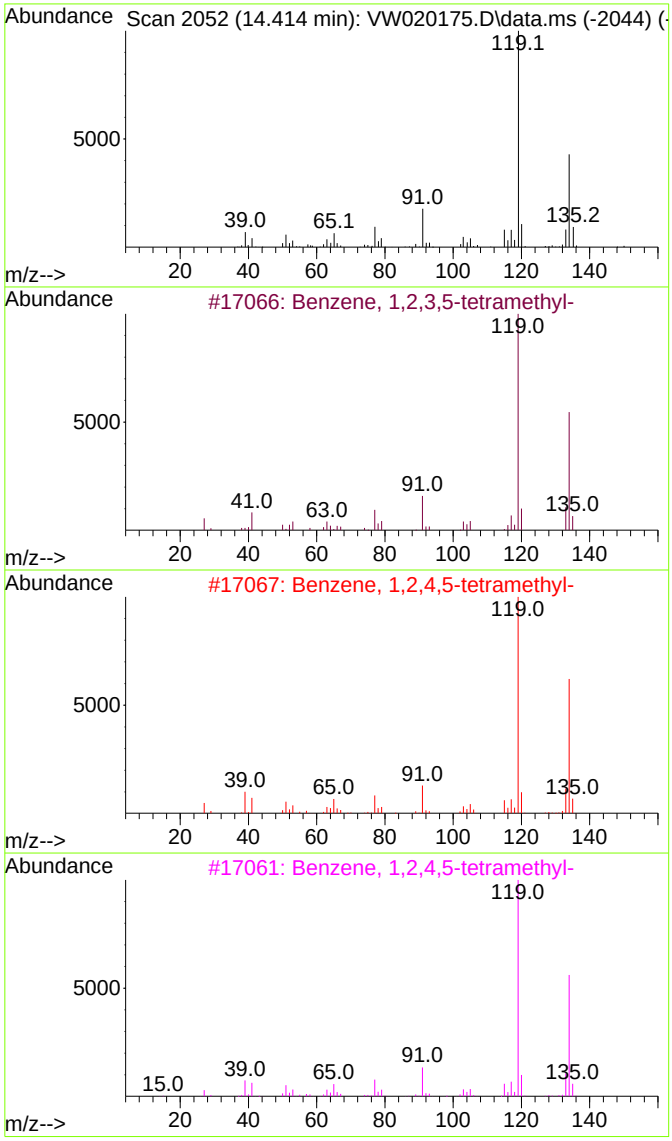
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

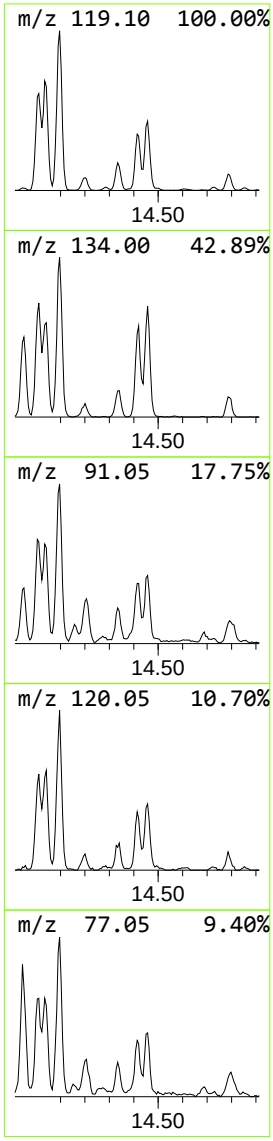
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	7.91 ug/L	168844	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

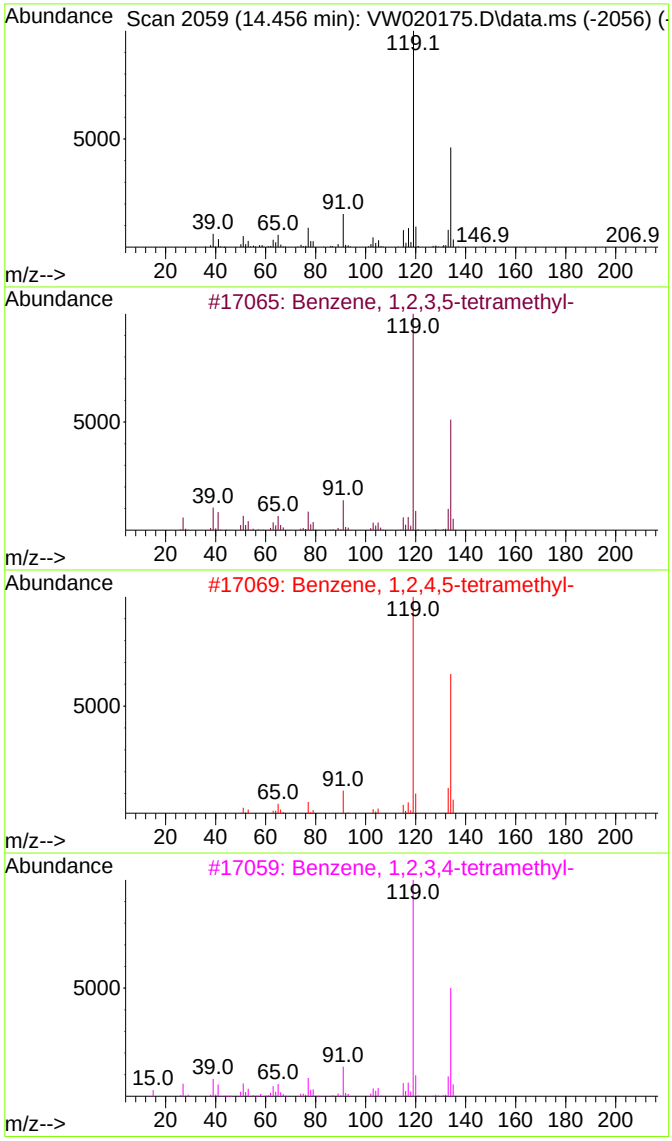
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

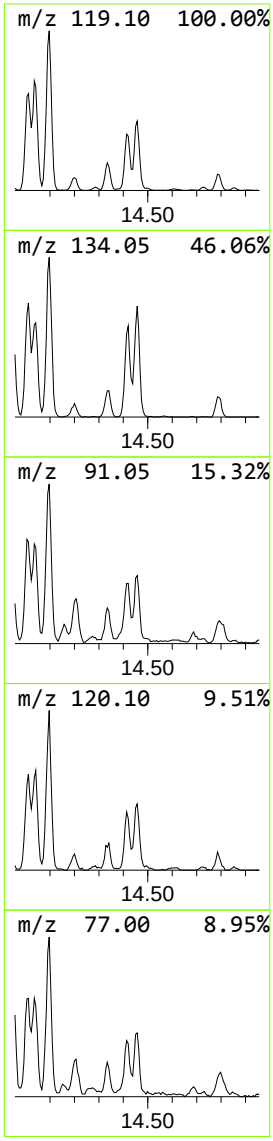
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	7.15 ug/L	152516	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

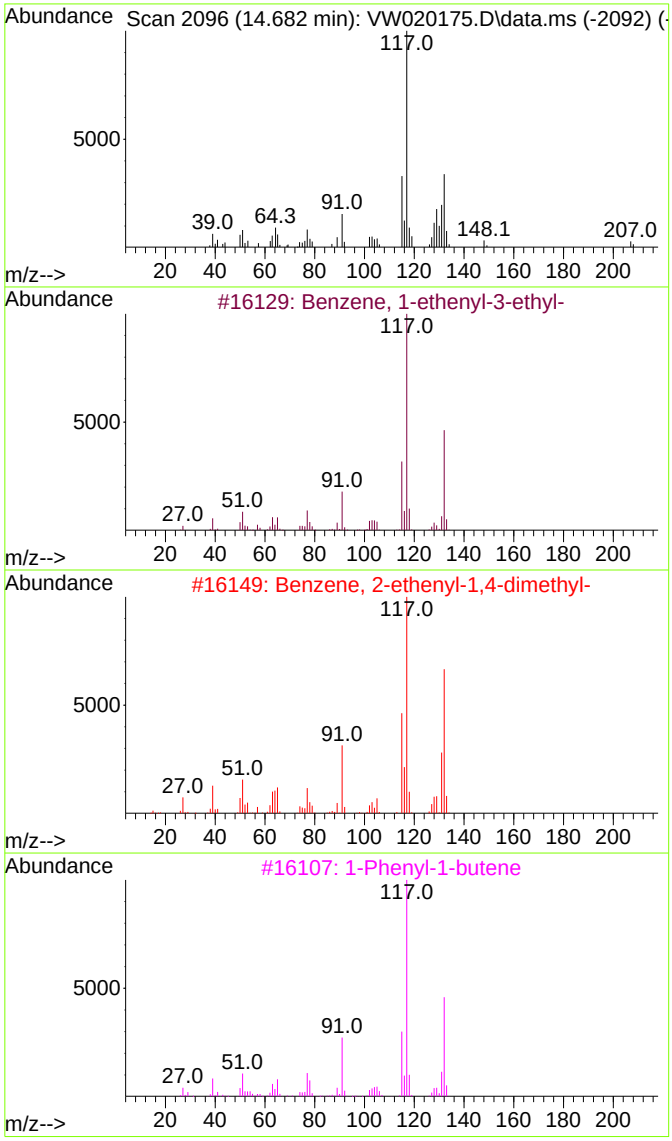
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

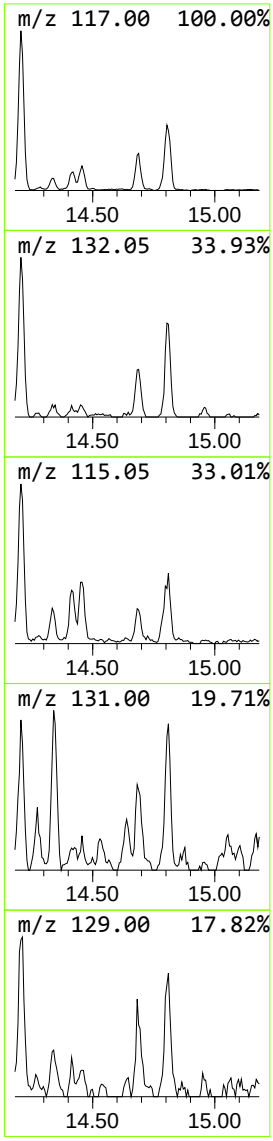
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	1.61 ug/L	34422	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

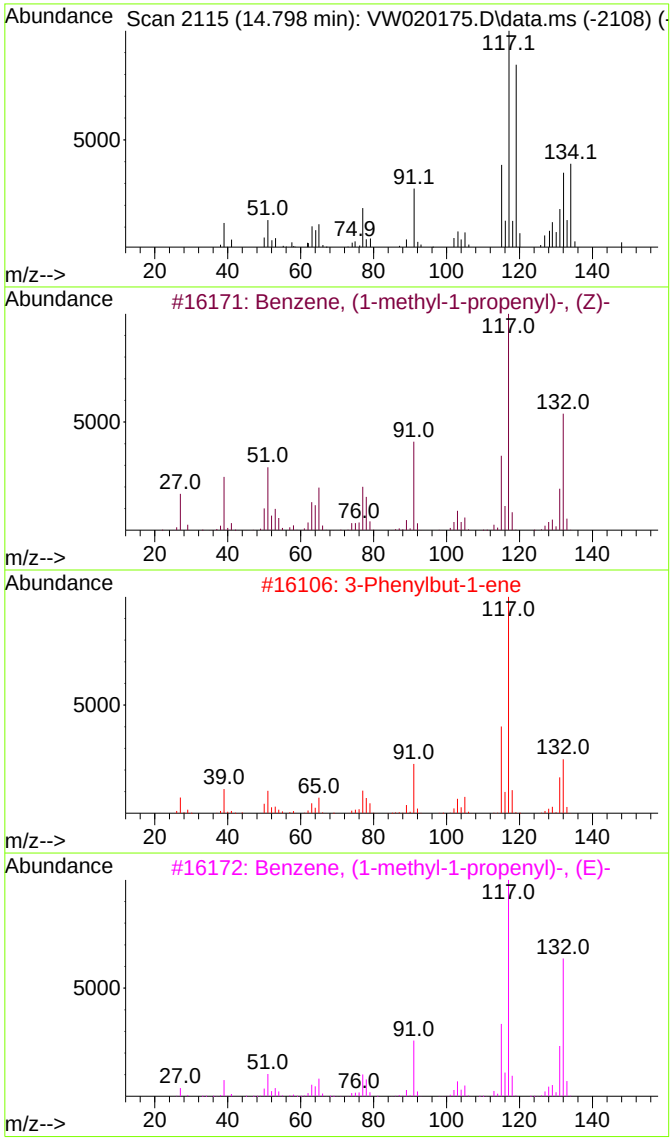
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

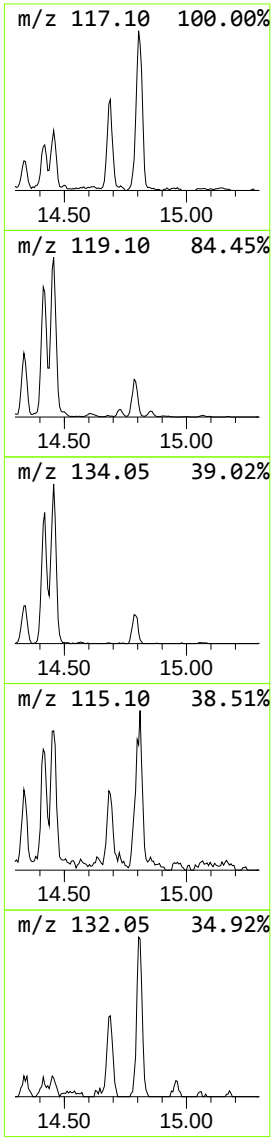
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, (1-methyl-1-propen... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	4.91 ug/L	104705	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020175.D
Acq On : 24 Sep 2021 04:11
Operator : SY/VA
Sample : M3874-22
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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: C...	9.610	3.1	ug/L	120052	1	8.848	977694	25.0
(DEL) Alkane: C...	9.756	4.1	ug/L	160484	1	8.848	977694	25.0
(DEL) Alkane: S...	9.902	1.9	ug/L	73866	1	8.848	977694	25.0
(DEL) Alkane: C...	10.085	2.5	ug/L	96181	1	8.848	977694	25.0
(DEL) Alkane: S...	10.128	1.9	ug/L	75201	1	8.848	977694	25.0
(DEL) Alkane: C...	10.244	1.9	ug/L	81395	2	11.634	1059470	25.0
(DEL) Alkane: C...	10.451	1.9	ug/L	79356	2	11.634	1059470	25.0
(DEL) Alkane: C...	10.500	13.4	ug/L	570094	2	11.634	1059470	25.0
(DEL) Alkane: C...	10.664	22.5	ug/L	954990	2	11.634	1059470	25.0
(DEL) Alkane: C...	10.762	11.1	ug/L	471610	2	11.634	1059470	25.0
(DEL) Alkane: S...	10.847	2.7	ug/L	114689	2	11.634	1059470	25.0
(DEL) Alkane: S...	11.036	4.2	ug/L	177225	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.109	4.7	ug/L	198268	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.176	30.2	ug/L	1281690	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.231	20.2	ug/L	856057	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.286	2.8	ug/L	116549	2	11.634	1059470	25.0
unknown-01	11.335	6.0	ug/L	253542	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.439	10.2	ug/L	433244	2	11.634	1059470	25.0
Pentalene, octa...	11.725	14.6	ug/L	618883	2	11.634	1059470	25.0
(DEL) Alkane: C...	11.768	2.4	ug/L	100704	2	11.634	1059470	25.0
Cyclohexene, 1-...	12.042	4.2	ug/L	177563	2	11.634	1059470	25.0
(DEL) Alkane: C...	12.140	6.5	ug/L	275894	2	11.634	1059470	25.0
unknown-02	12.195	4.0	ug/L	170604	2	11.634	1059470	25.0
(DEL) Alkane: C...	12.304	1.4	ug/L	58756	2	11.634	1059470	25.0
Bicyclo[3.3.1]n...	12.341	6.2	ug/L	261249	2	11.634	1059470	25.0
(DEL) Alkane: S...	12.780	4.3	ug/L	91290	3	13.560	533457	25.0
unknown-03	12.865	1.4	ug/L	29414	3	13.560	533457	25.0
Benzene, 1-ethy...	13.103	44.1	ug/L	941514	3	13.560	533457	25.0
1H-Indene, octa...	13.182	2.2	ug/L	46090	3	13.560	533457	25.0
Benzene, n-butyl-	13.365	3.6	ug/L	76711	3	13.560	533457	25.0
Benzene, 1-meth...	13.652	1.7	ug/L	36467	3	13.560	533457	25.0
Benzene, 1,3-di...	13.719	2.4	ug/L	50825	3	13.560	533457	25.0
Indane	13.755	50.9	ug/L	1085580	3	13.560	533457	25.0
Benzene, 1-meth...	13.798	10.7	ug/L	228743	3	13.560	533457	25.0
2-Tolyloxirane	13.950	10.1	ug/L	215848	3	13.560	533457	25.0
Benzene, 4-ethy...	14.011	12.4	ug/L	264769	3	13.560	533457	25.0
o-Cymene	14.036	10.8	ug/L	231406	3	13.560	533457	25.0
Benzene, 1-ethy...	14.097	17.8	ug/L	379816	3	13.560	533457	25.0
1-Phenyl-1-butene	14.158	2.0	ug/L	42523	3	13.560	533457	25.0
Benzene, 1-meth...	14.206	6.6	ug/L	140431	3	13.560	533457	25.0
Benzene, 1-ethy...	14.334	3.5	ug/L	74332	3	13.560	533457	25.0
Benzene, 1,2,3,...	14.414	7.9	ug/L	168844	3	13.560	533457	25.0
Benzene, 1,2,4,...	14.456	7.2	ug/L	152516	3	13.560	533457	25.0
Benzene, 1-ethe...	14.682	1.6	ug/L	34422	3	13.560	533457	25.0
Benzene, (1-met...	14.798	4.9	ug/L	104705	3	13.560	533457	25.0