LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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: VW020174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.203	42	49	50	rBV5	5034	11186	0.17%	0.035%
2	2.361	69	75	86	rVB	118639	221143	3.28%	0.692%
3	2.898	156	163	177	rVB	83182	208230	3.09%	0.652%
4	3.410	237	247	253	rVB7	1943	5011	0.07%	0.016%
5	4.025	334	348	359	rBV	161290	470184	6.98%	1.472%
6	4.129	359	365	375	rVB	17764	47981	0.71%	0.150%
7	4.397	400	409	420	rVV3	3166	10952	0.16%	0.034%
8	4.922	483	495	509	rBV2	20949	73337	1.09%	0.230%
9	5.434	572	579	589	rBV5	1435	4503	0.07%	0.014%
10	5.781	630	636	637	rBV	1981	2737	0.04%	0.009%
11	5.952	654	664	673	rVB5	5285	15195	0.23%	0.048%
12	6.994	825	835	842	rBV3	5048	13894	0.21%	0.043%
13	7.080	842	849	857	rBV2	16702	52100	0.77%	0.163%
14	7.653	931	943	956	rBV	245580	591168	8.78%	1.851%
15	7.958	984	993	1001	rVV4	9848	25309	0.38%	0.079%
16	8.043	1001	1007	1013	rVB5	2747	6586	0.10%	0.021%
17	8.165	1020	1027	1032	rBV5	2928	6792	0.10%	0.021%
18	8.281	1032	1046	1063	rVV2	449364	1317402	19.56%	4.125%
19	8.439	1063	1072	1078	rVV4	9259	24207	0.36%	0.076%
20	8.512	1078	1084	1089	rVV5	8862	20045	0.30%	0.063%
21	8.579	1089	1095	1106	rVB2	16954	37480	0.56%	0.117%
22	8.848	1130	1139	1154	rBV	501777	981146	14.57%	3.072%
23	9.092	1173	1179	1183	rVB8	1816	3898	0.06%	0.012%
24	9.153	1185	1189	1197	rVB3	2076	3978	0.06%	0.012%
25	9.281	1201	1210	1215	rBV	298278	655802	9.74%	2.053%
26	9.335	1215	1219	1226	rVB	145582	279433	4.15%	0.875%
27	9.518	1244	1249	1254	rBV	16978	29634	0.44%	0.093%
28	9.610	1254	1264	1274	rVB2	58719	138530	2.06%	0.434%
29	9.756	1279	1288	1298	rVB2	89765	180134	2.67%	0.564%
30	9.902	1298	1312	1316	rBV	40226	86624	1.29%	0.271%
31	9.945	1316	1319	1324	rVB3	19560	33163	0.49%	0.104%
32	9.994	1324	1327	1328	rBV3	2778	3047	0.05%	0.010%
33	10.037	1328	1334	1338	rBV	107595	195683	2.91%	0.613%
34	10.085	1338	1342	1346	rVB	61390	94447	1.40%	0.296%
35	10.128	1346	1349	1357	rVB	46784	86950	1.29%	0.272%
36	10.244	1357	1368	1373	rBV4	33693	91806	1.36%	0.287%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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	1373	1381	1396	rBV	1139630	2377925	35.31%	7.445%
38	10.451	1396	1402	1404	rBV	57717	95734	1.42%	0.300%
39	10.500	1404	1410	1418	rVB3	245384	646778	9.60%	2.025%
40	10.585	1418	1424	1427	rBV2	88011	175773	2.61%	0.550%
41	10.664	1432	1437	1446	rVB	598465	1088587	16.16%	3.408%
42	10.762	1446	1453	1458	rBV2	278446	541541	8.04%	1.695%
43	10.847	1463	1467	1472	rVB2	82425	132567	1.97%	0.415%
44	10.933	1472	1481	1488	rBV3	192476	430926	6.40%	1.349%
45	11.000	1488	1492	1493	rBV	32127	42978	0.64%	0.135%
46	11.036	1494	1498	1505	rVB3	97347	194158	2.88%	0.608%
47	11.109	1505	1510	1513	rBV2	127295	218218	3.24%	0.683%
48	11.177	1513	1521	1526	rBV	790945	1470691	21.84%	4.604%
49	11.231	1526	1530	1535	rVB	593091	966358	14.35%	3.025%
50	11.286	1535	1539	1543	rBV	108383	135177	2.01%	0.423%
51	11.335	1543	1547	1552	rVB2	178473	291330	4.33%	0.912%
52	11.384	1552	1555	1559	rVB	39732	54834	0.81%	0.172%
53	11.439	1559	1564	1571	rVB	273278	478367	7.10%	1.498%
54	11.506	1571	1575	1579	rBV2	28137	47261	0.70%	0.148%
55	11.561	1580	1584	1590	rVB3	33937	55506	0.82%	0.174%
56	11.634	1590	1596	1605	rBV	566238	999713	14.84%	3.130%
57	11.725	1605	1611	1615	rBV	413305	696078	10.34%	2.179%
58	11.768	1615	1618	1621	rVB	84338	105286	1.56%	0.330%
59	11.811	1621	1625	1626	rBV2	48639	61747	0.92%	0.193%
60	11.847	1627	1631	1633	rBV	195817	285313	4.24%	0.893%
61	11.975	1648	1652	1657	rVB2	28989	45452	0.67%	0.142%
62	12.042	1657	1663	1671	rVB	106543	198165	2.94%	0.620%
63	12.140	1671	1679	1684	rBV	132848	292185	4.34%	0.915%
64	12.201	1685	1689	1701	rVB3	71392	182745	2.71%	0.572%
65	12.298	1701	1705	1707	rBV3	41048	62697	0.93%	0.196%
66	12.341	1707	1712	1717	rBV	181857	281682	4.18%	0.882%
67	12.609	1752	1756	1762	rVB6	12231	24709	0.37%	0.077%
68	12.695	1763	1770	1776	rBV2	191018	325220	4.83%	1.018%
69	12.786	1780	1785	1791	rVB3	50429	97488	1.45%	0.305%
70	12.859	1791	1797	1801	rBV7	13951	35891	0.53%	0.112%
71	13.103	1830	1837	1844	rBV	619346	959909	14.25%	3.005%
72	13.176	1844	1849	1854	rVV5	23763	52694	0.78%	0.165%
73	13.249	1855	1861	1873	rVV	4542373	6734788	100.00%	21.085%
74	13.365	1875	1880	1885	rVB	51157	86250	1.28%	0.270%
75	13.560	1905	1912	1913	rBV	316226	451984	6.71%	1.415%
76	13.585	1914	1916	1922	rVV	453028	595942	8.85%	1.866%

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Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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	24291	37603	0.56%	0.118%
78	13.719	1934	1938	1939	rVV	34288	48143	0.71%	0.151%
79	13.755	1939	1944	1949	rVV	696281	1186445	17.62%	3.715%
80	13.798	1949	1951	1955	rVV	183250	238623	3.54%	0.747%
81	13.853	1955	1960	1970	rVV	230672	512233	7.61%	1.604%
82	13.950	1970	1976	1981	rVV	140124	223815	3.32%	0.701%
83	14.011	1981	1986	1988	rVV	162689	258852	3.84%	0.810%
84	14.036	1988	1990	1995	rVV	145989	228052	3.39%	0.714%
85	14.097	1995	2000	2006	rVV	240000	376098	5.58%	1.177%
86	14.158	2006	2010	2013	rVV	27897	43493	0.65%	0.136%
87	14.206	2013	2018	2024	rVB2	85209	145058	2.15%	0.454%
88	14.267	2024	2028	2034	rBV6	9032	19414	0.29%	0.061%
89	14.335	2034	2039	2044	rBV2	46936	73447	1.09%	0.230%
90	14.414	2044	2052	2056	rVV	88705	159846	2.37%	0.500%
91	14.456	2056	2059	2064	rVB	106474	145849	2.17%	0.457%
92	14.682	2092	2096	2101	rBV	21462	36687	0.54%	0.115%
93	14.804	2108	2116	2122	rBV3	43721	102285	1.52%	0.320%
94	14.853	2122	2124	2133	rVB7	3993	7370	0.11%	0.023%
95	14.950	2137	2140	2145	rVV6	3179	4758	0.07%	0.015%
96	15.060	2154	2158	2170	rVB10	3699	11003	0.16%	0.034%
97	15.164	2170	2175	2183	rVB8	2752	6205	0.09%	0.019%
98	15.432	2211	2219	2224	rBV3	6898	12595	0.19%	0.039%
99	15.487	2224	2228	2236	rVB2	5749	10321	0.15%	0.032%
100	15.956	2301	2305	2314	rVB10	1051	2261	0.03%	0.007%

Sum of corrected areas: 31940820

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
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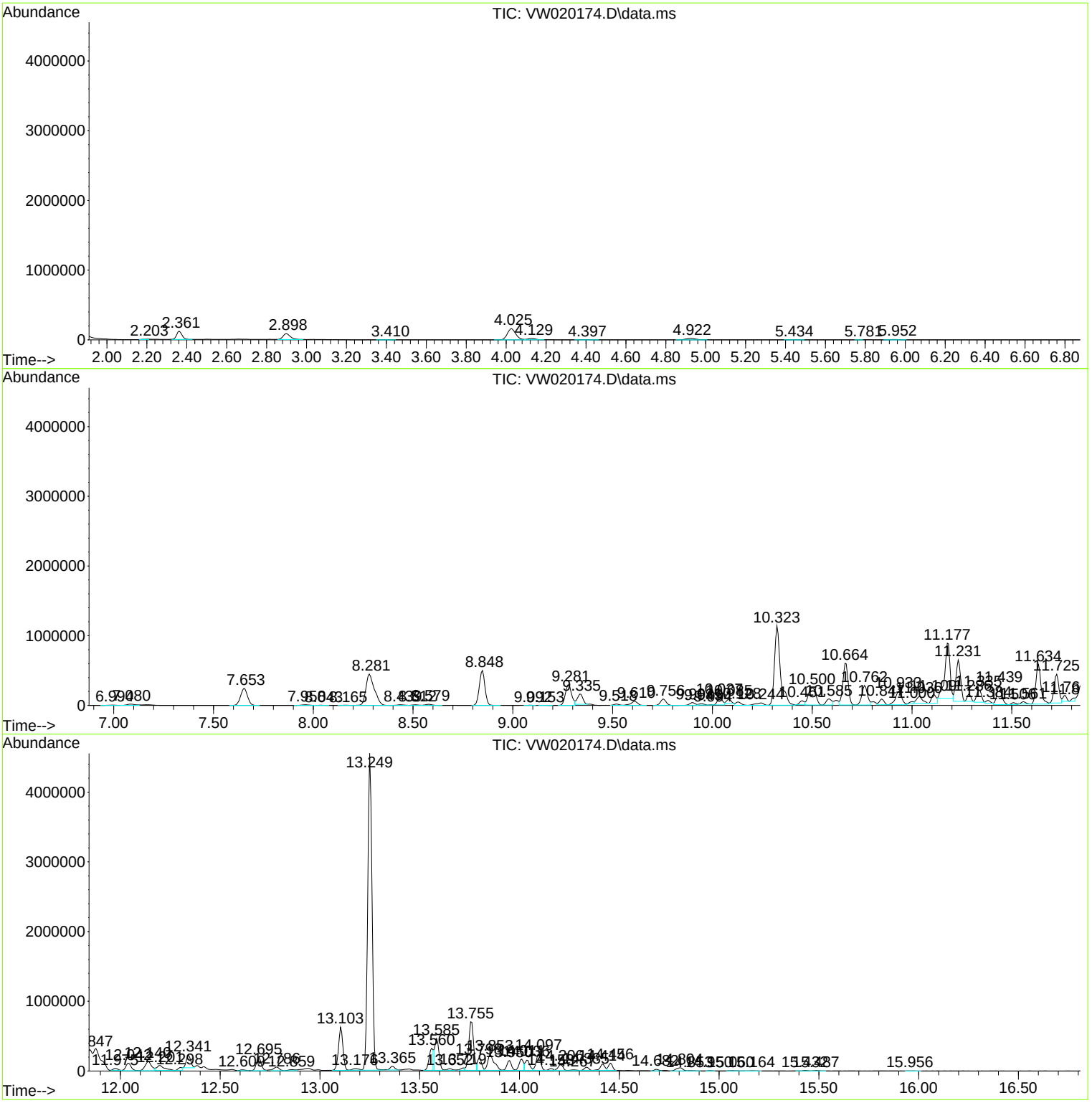
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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 : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

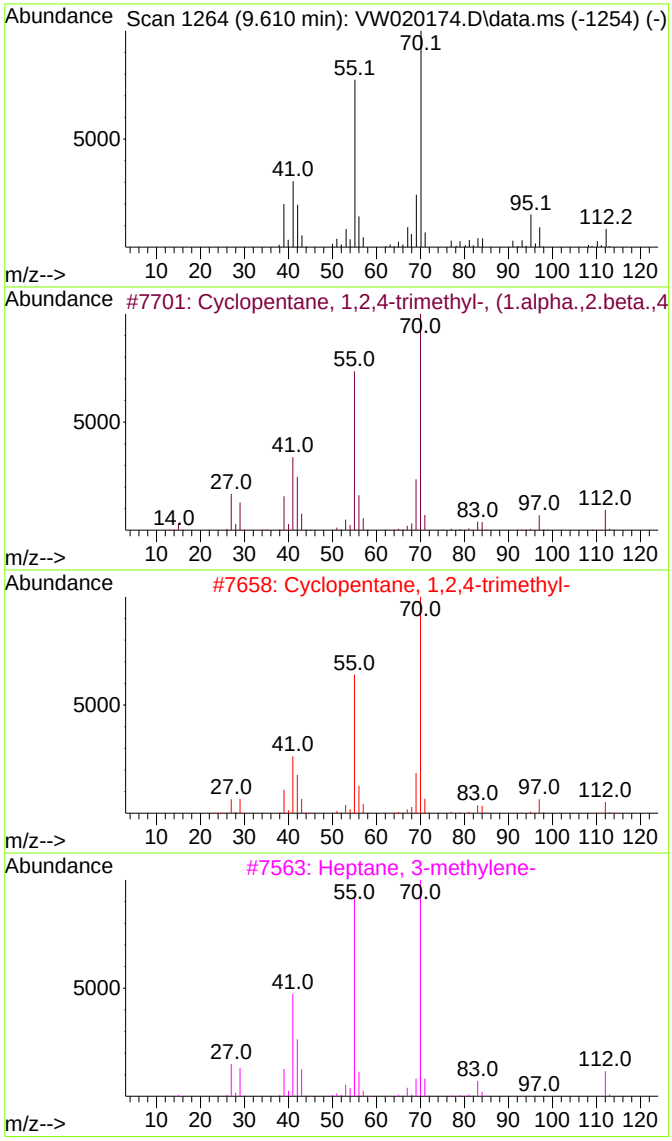
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

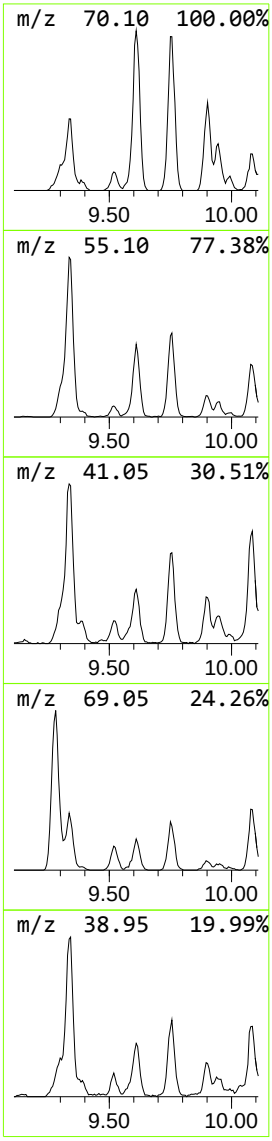
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic9.610 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	3.53 ug/L	138530	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	80
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

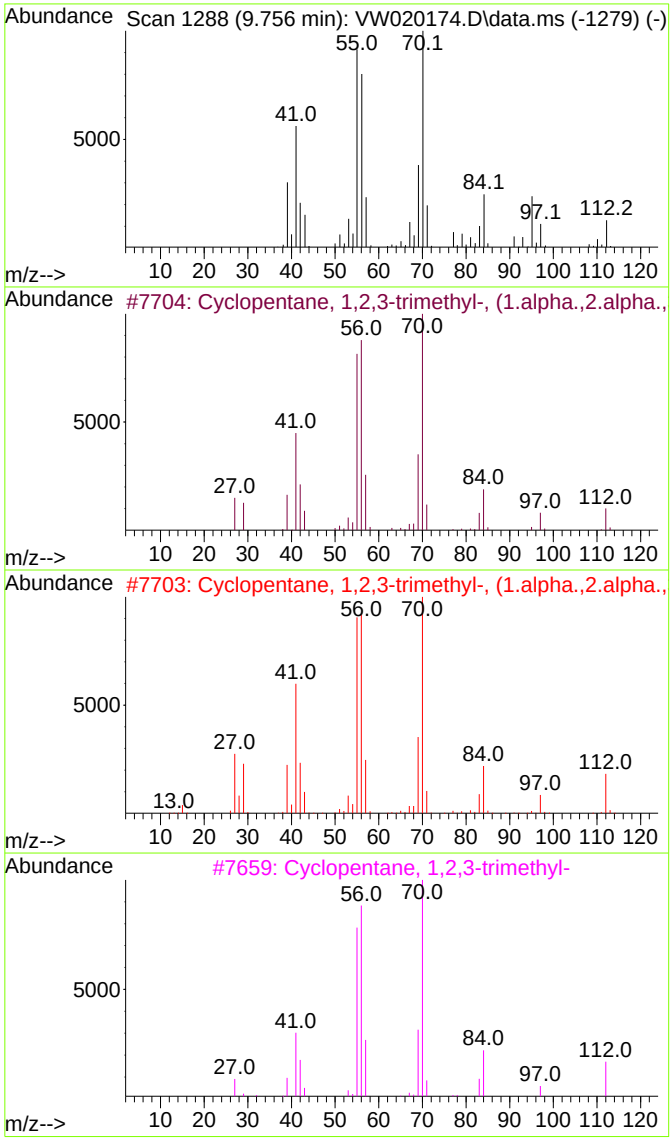
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

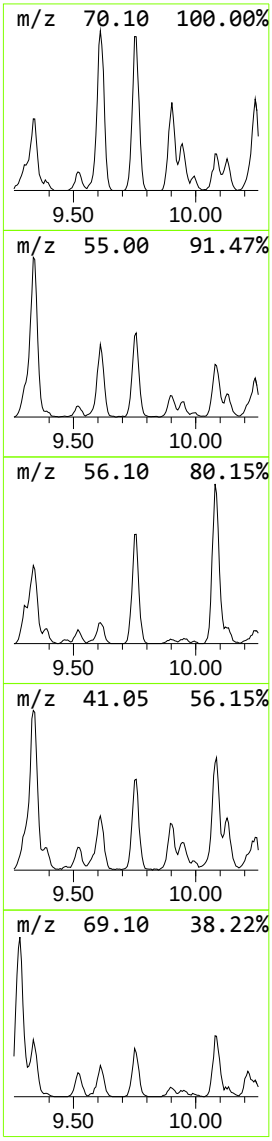
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	4.59 ug/L	180134	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	80
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\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

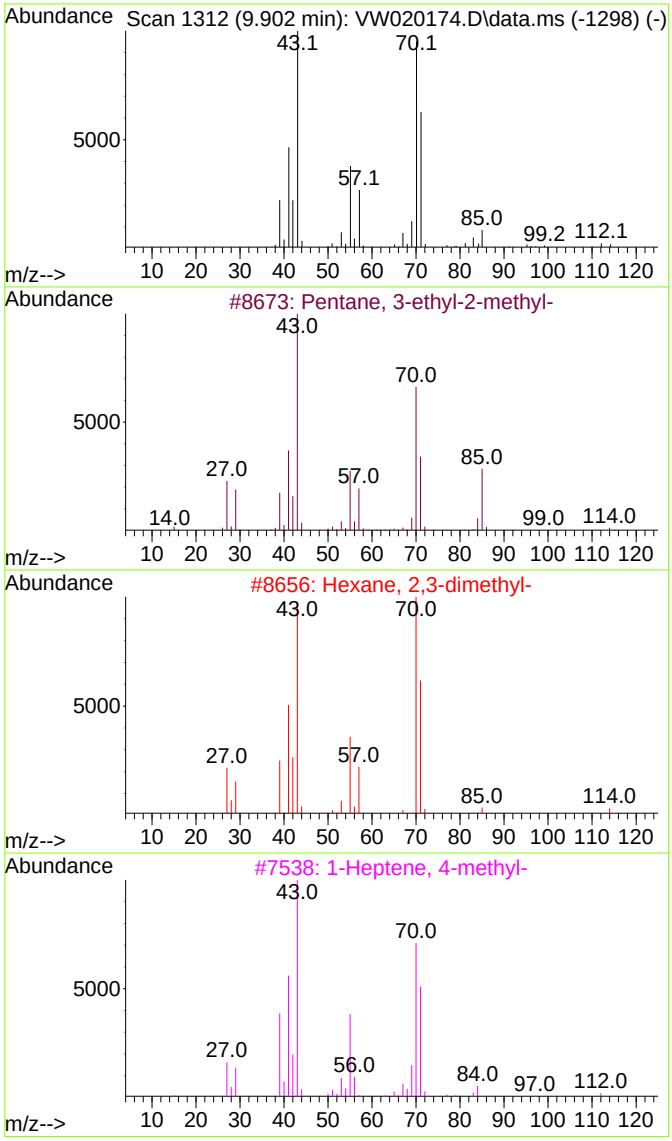
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

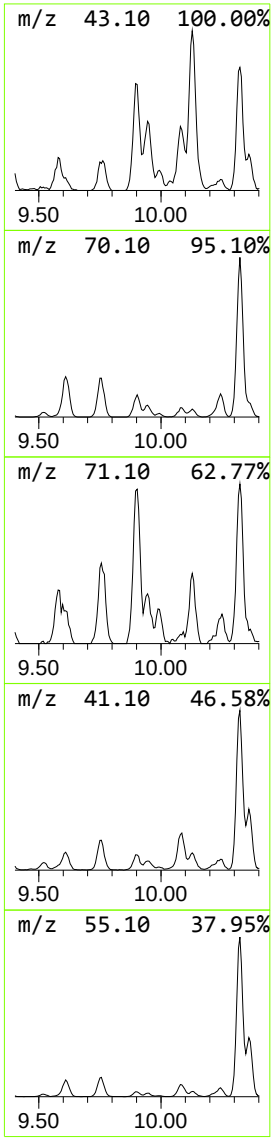
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	2.21 ug/L	86624	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	74
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	72
4	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

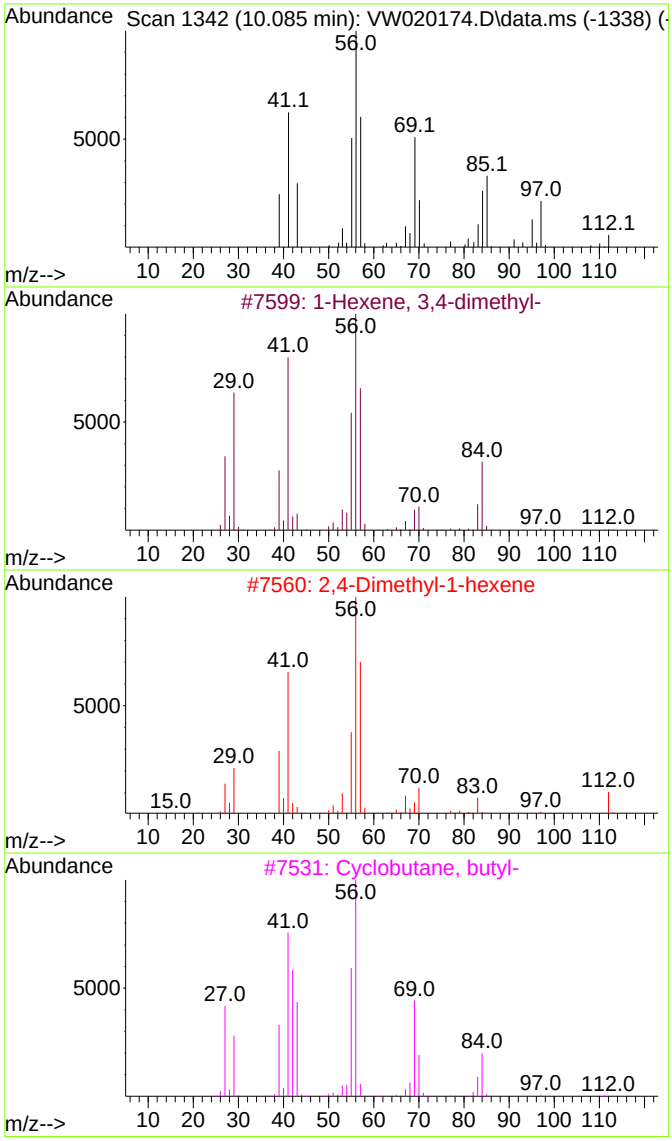
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

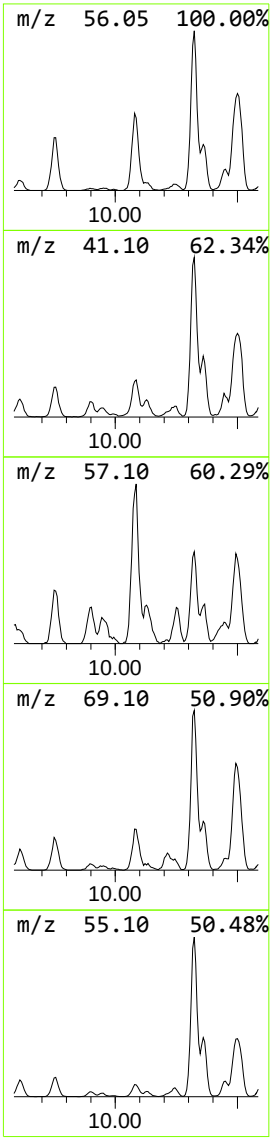
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.085	2.41 ug/L	94447	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50
2	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	46
3	Cyclobutane, butyl-	112	C8H16	013152-44-8	40
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	38
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

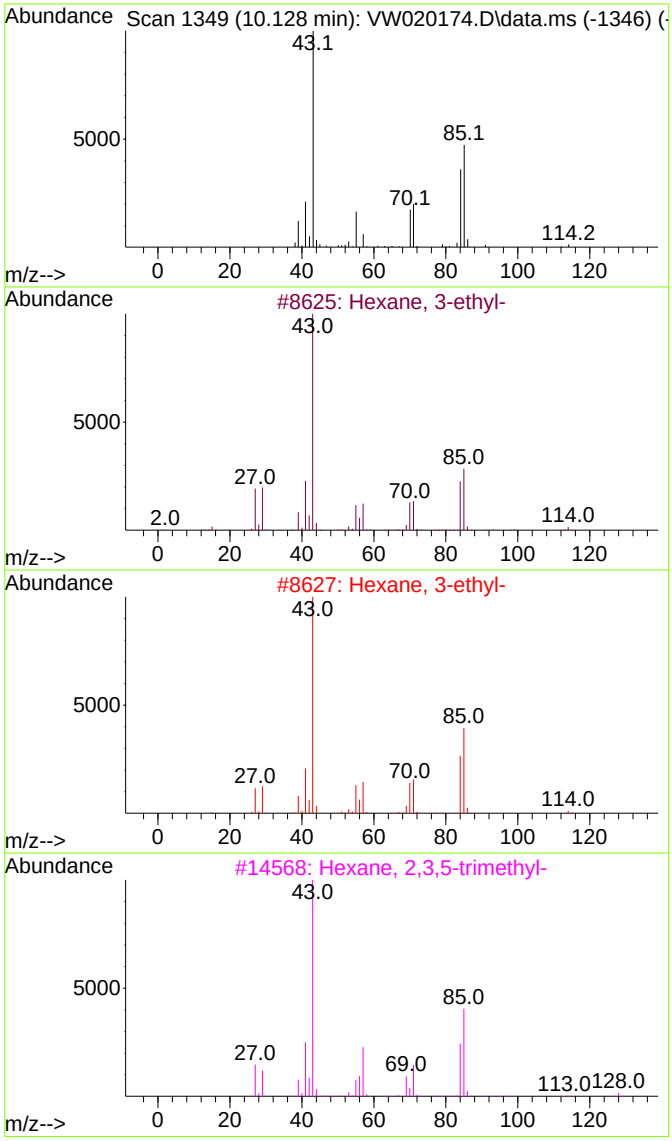
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

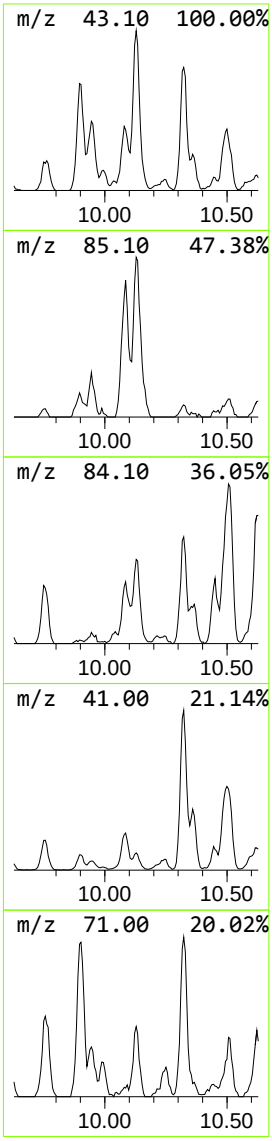
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	2.22 ug/L	86950	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	91
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

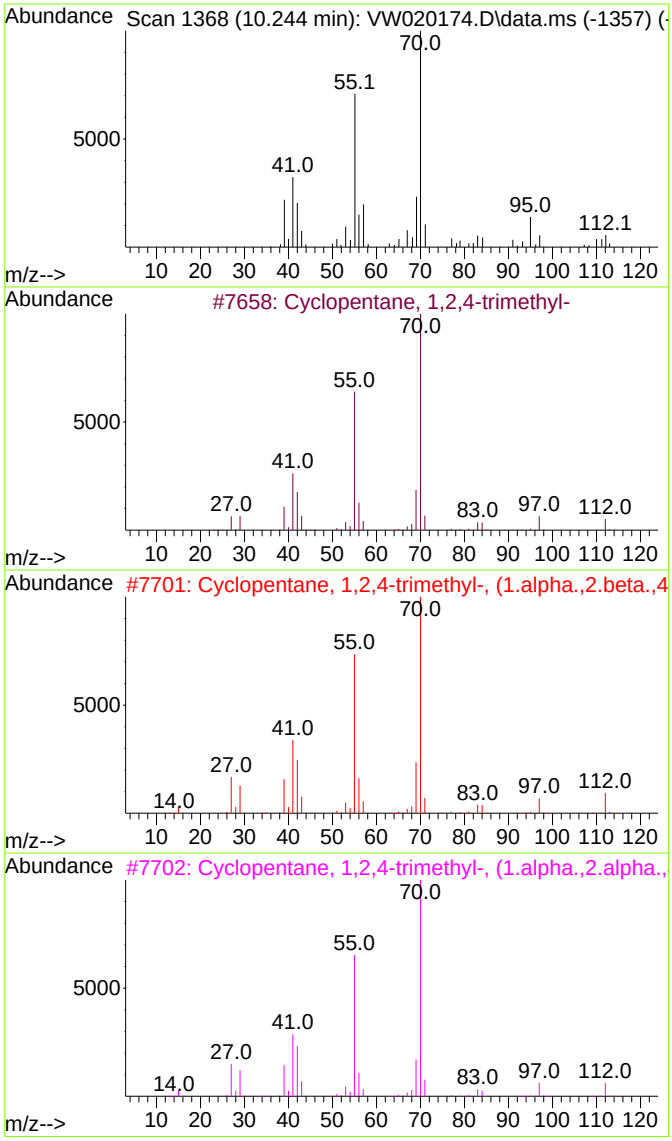
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

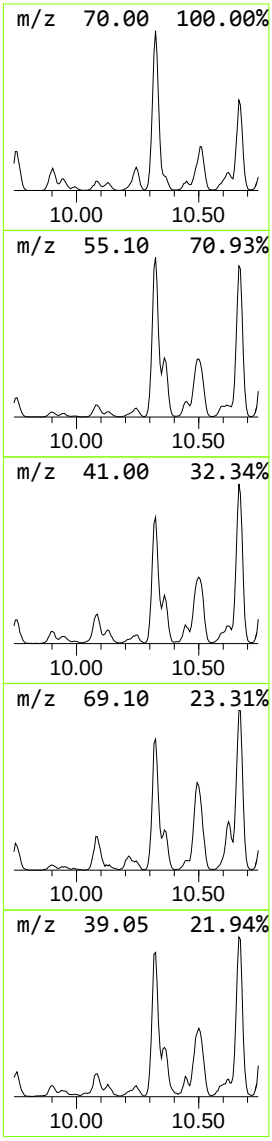
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.244 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.244	2.30 ug/L	91806	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	83
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

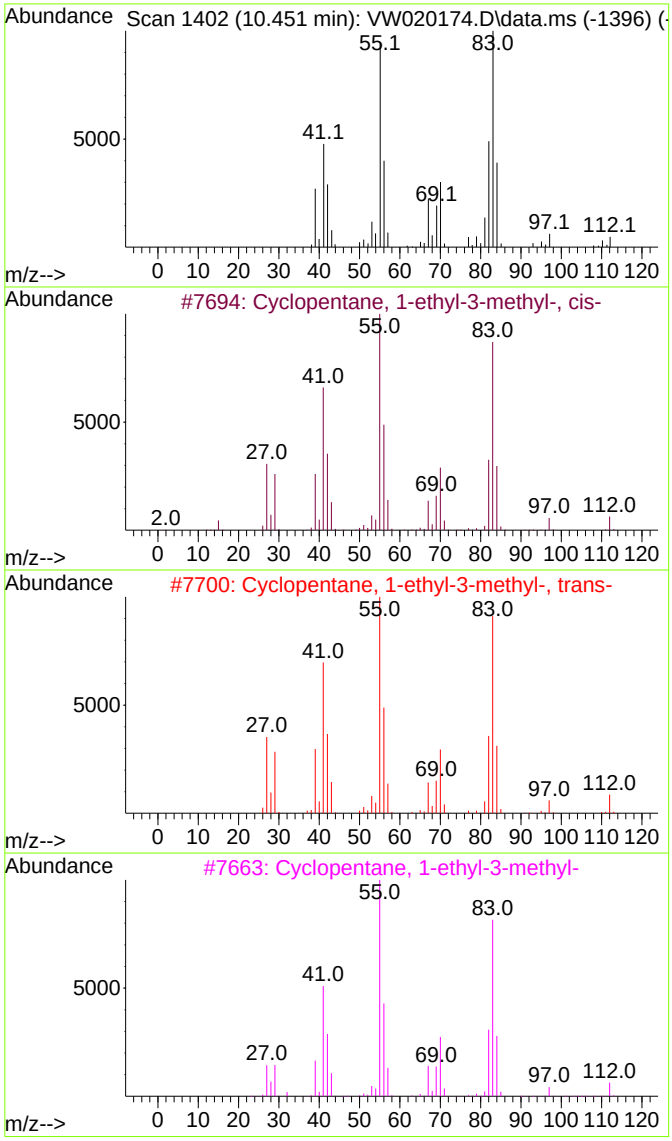
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

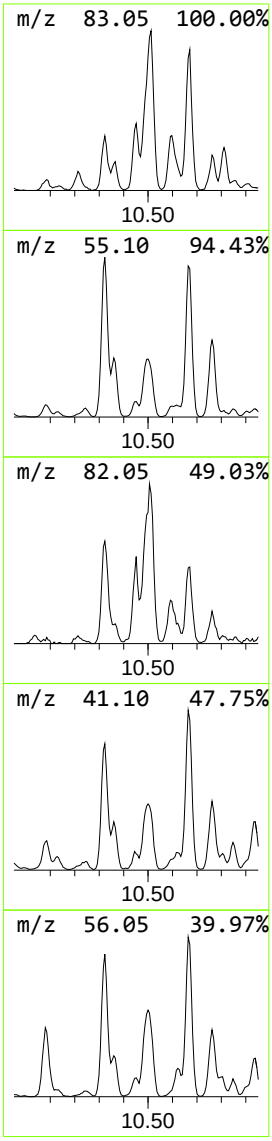
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic10.451 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	2.39 ug/L	95734	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	90
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	83
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	50
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	47
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

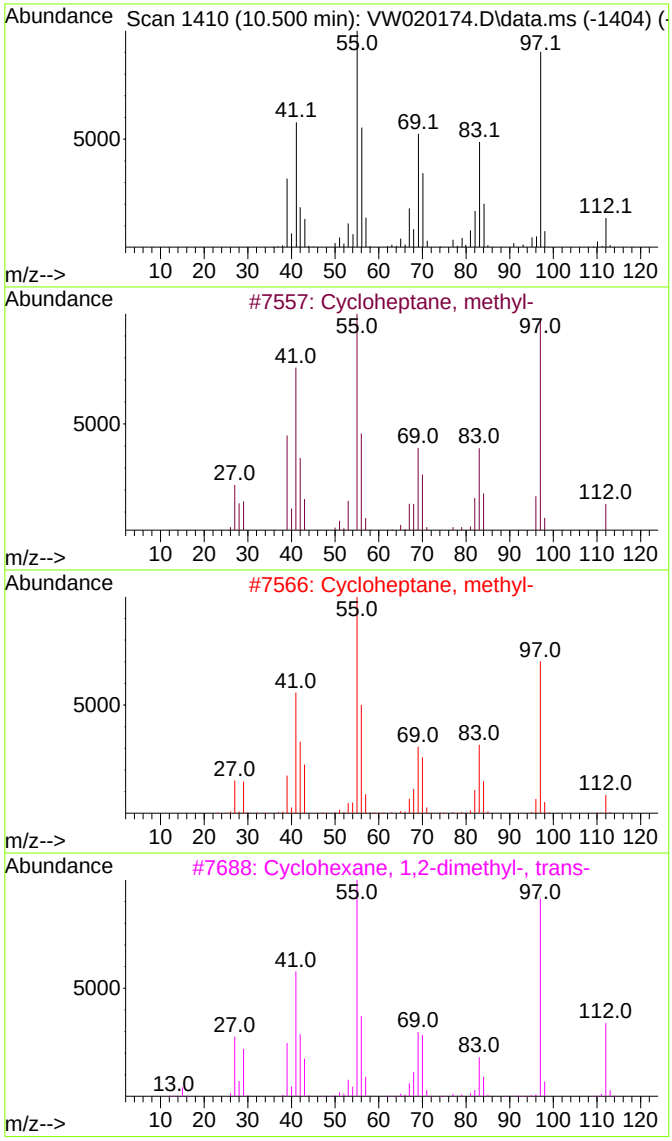
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

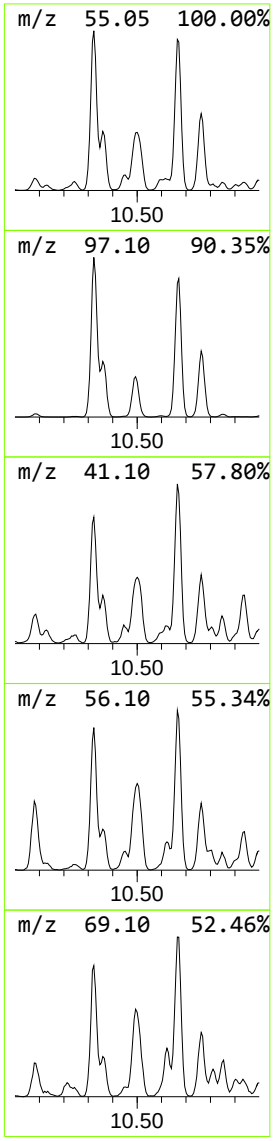
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic10.500 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	16.17 ug/L	646778	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	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	60
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

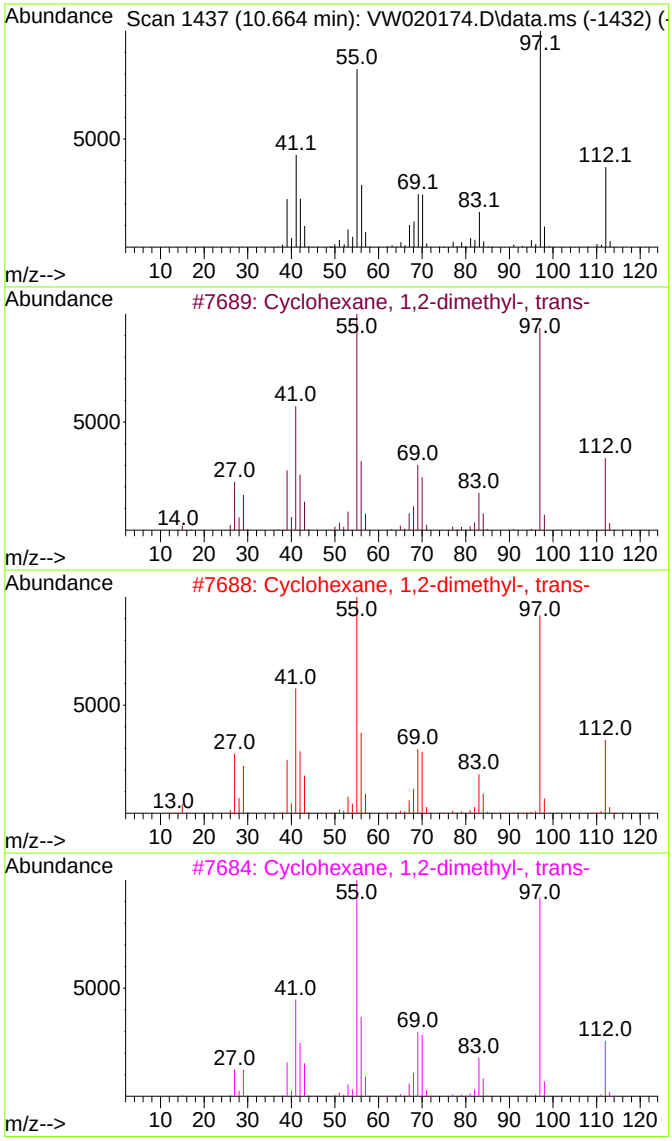
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

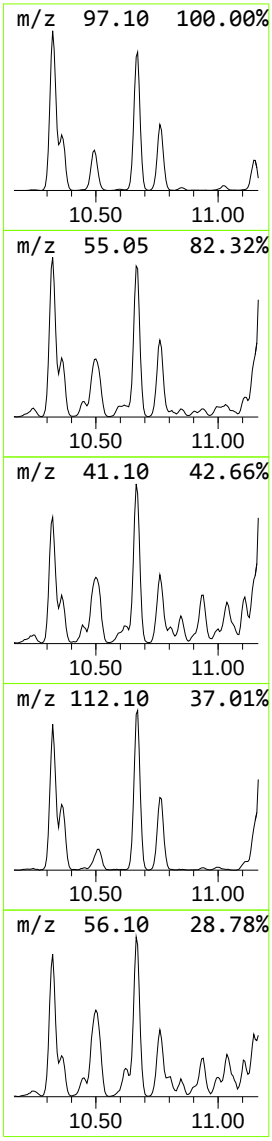
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	27.22 ug/L	1088590	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-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

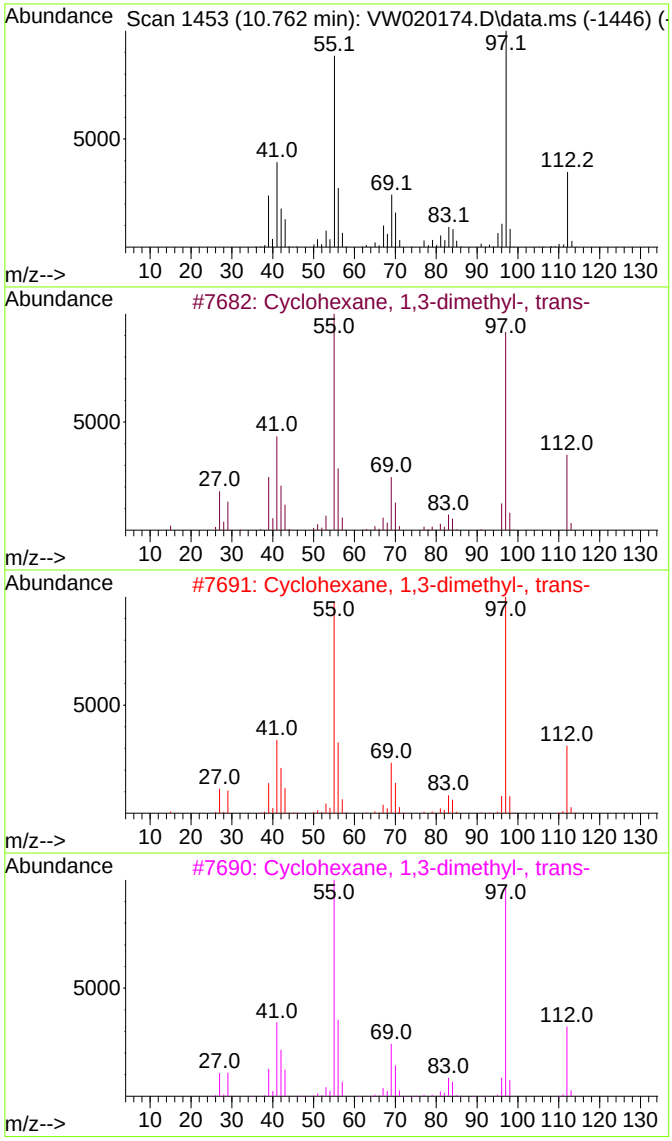
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

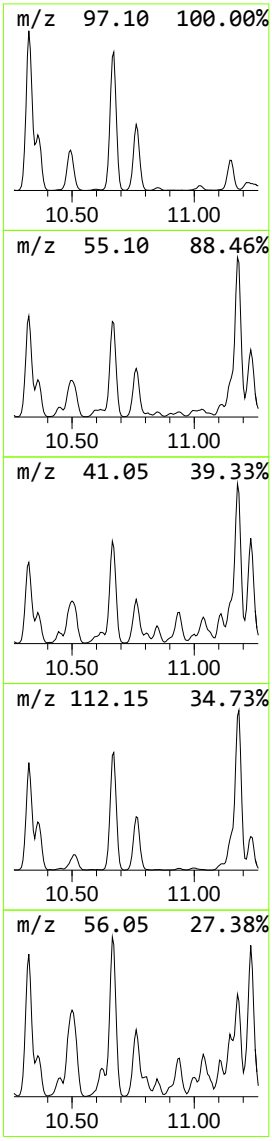
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic10.762 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	13.54 ug/L	541541	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

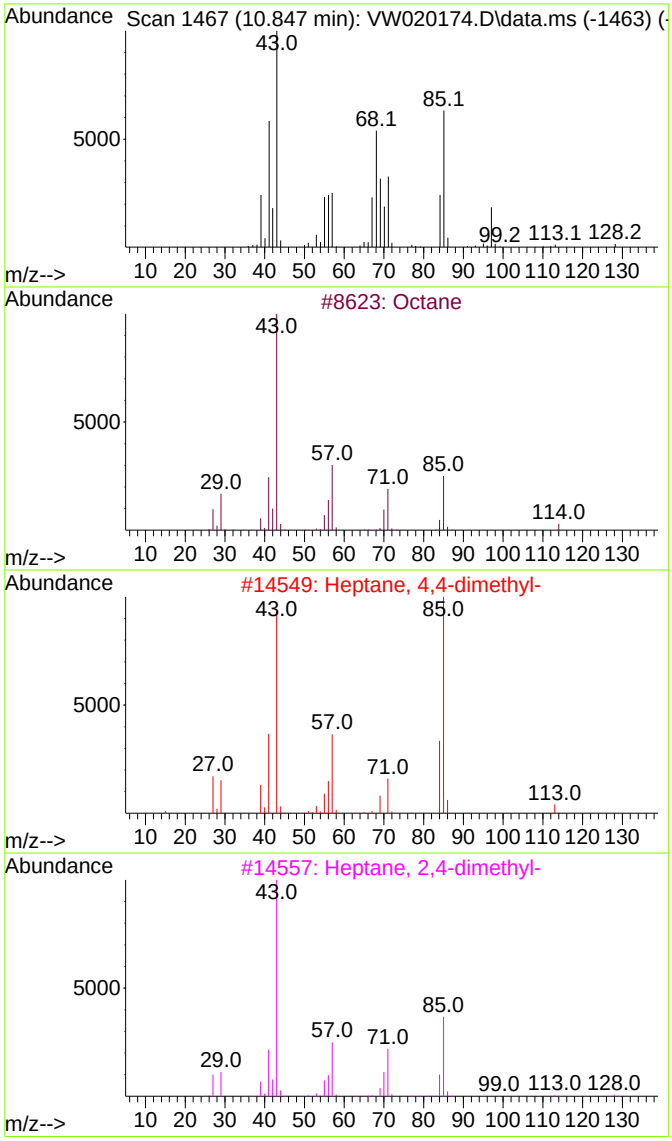
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

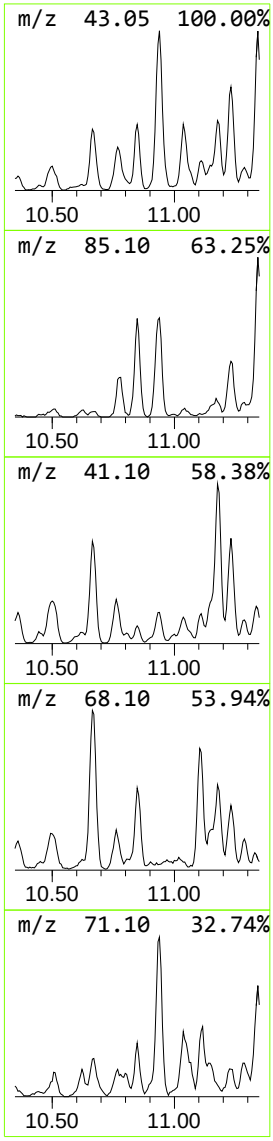
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	3.32 ug/L	132567	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	47
2	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	43
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

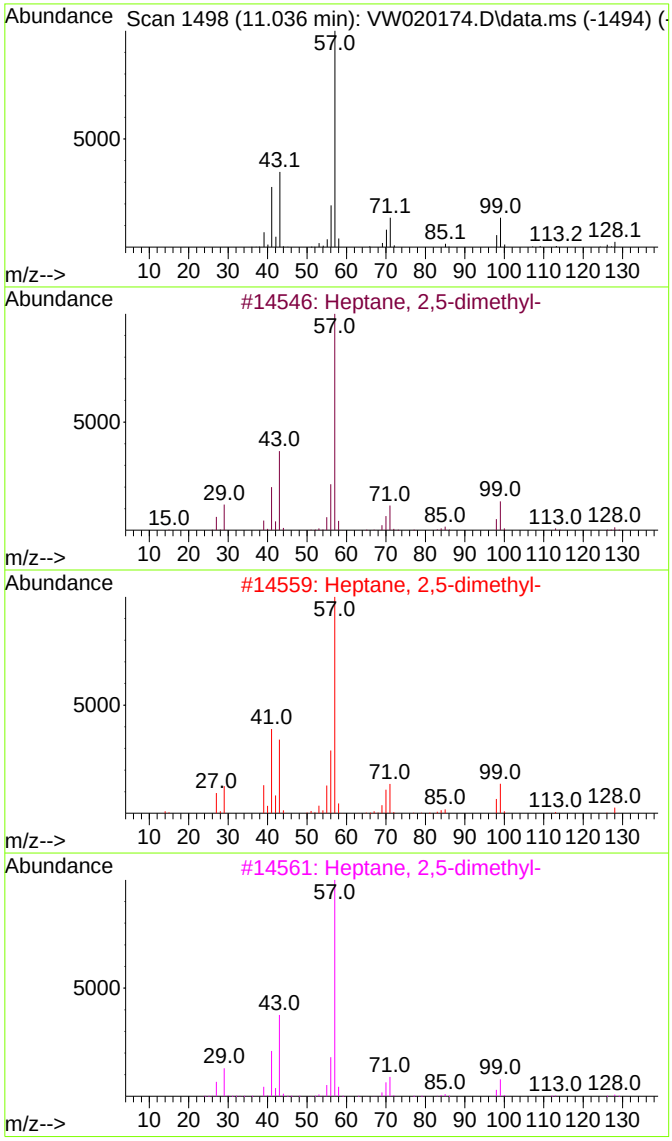
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

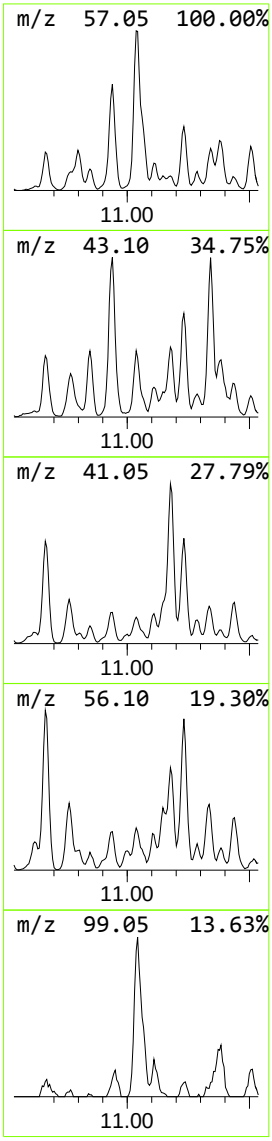
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	4.86 ug/L	194158	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	78
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

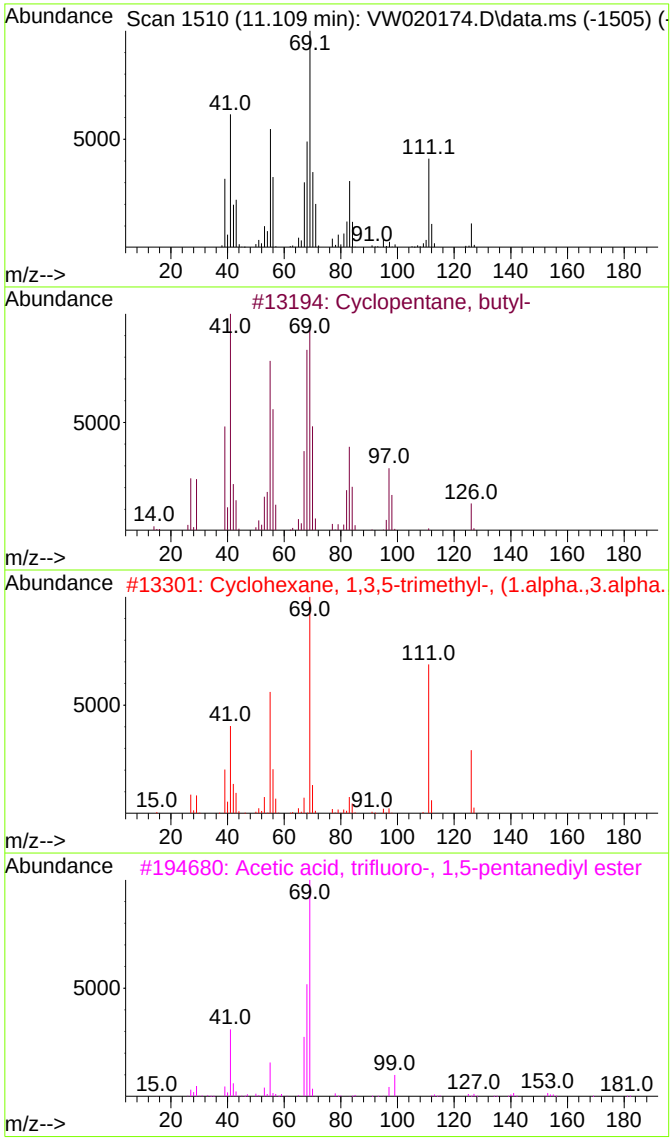
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

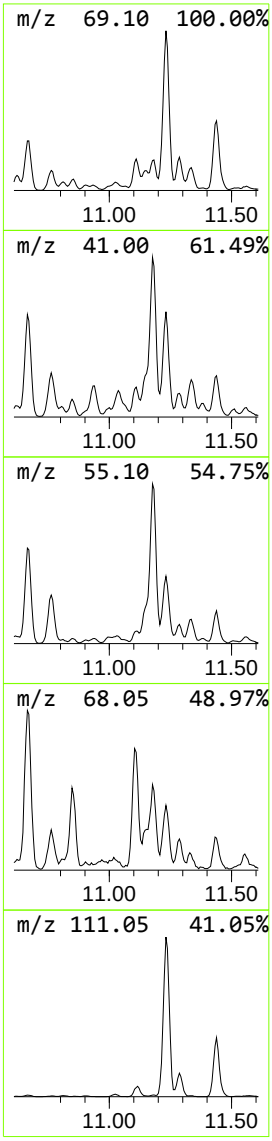
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic11.110 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	5.46 ug/L	218218	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	83
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	46
3	Acetic acid, trifluoro-, 1,5-pen...	296	C9H10F6O4	000453-44-1	38
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
5	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

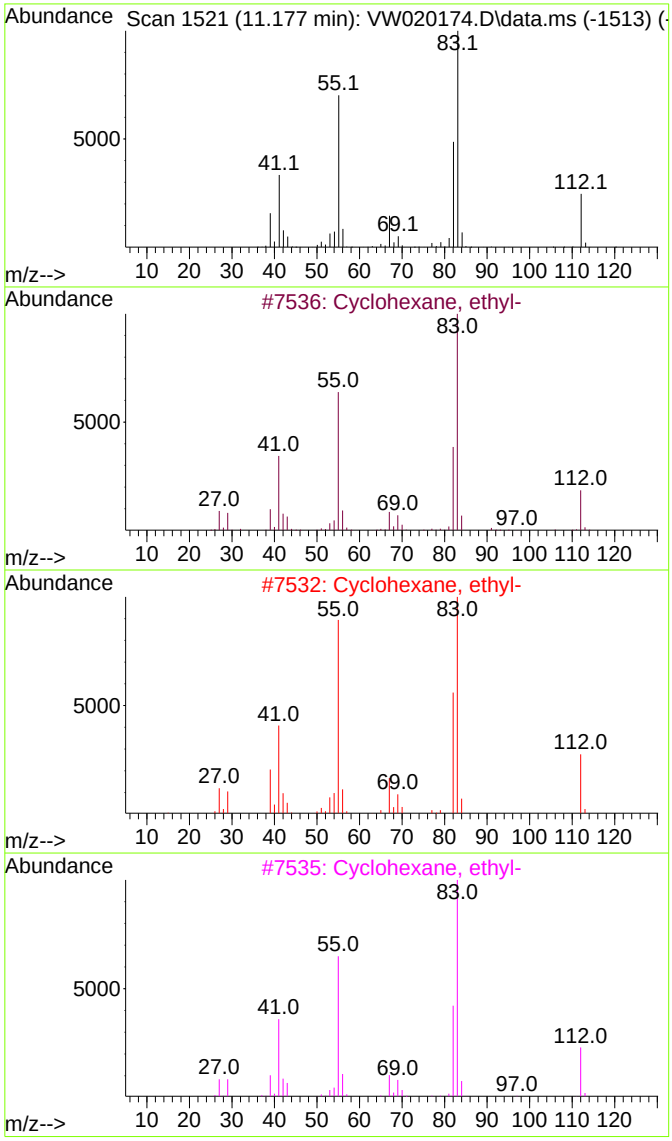
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

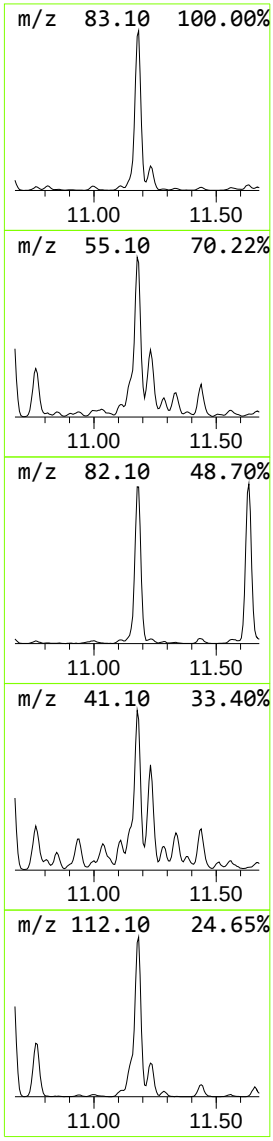
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic11.177 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	36.78 ug/L	1470690	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	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
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 : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

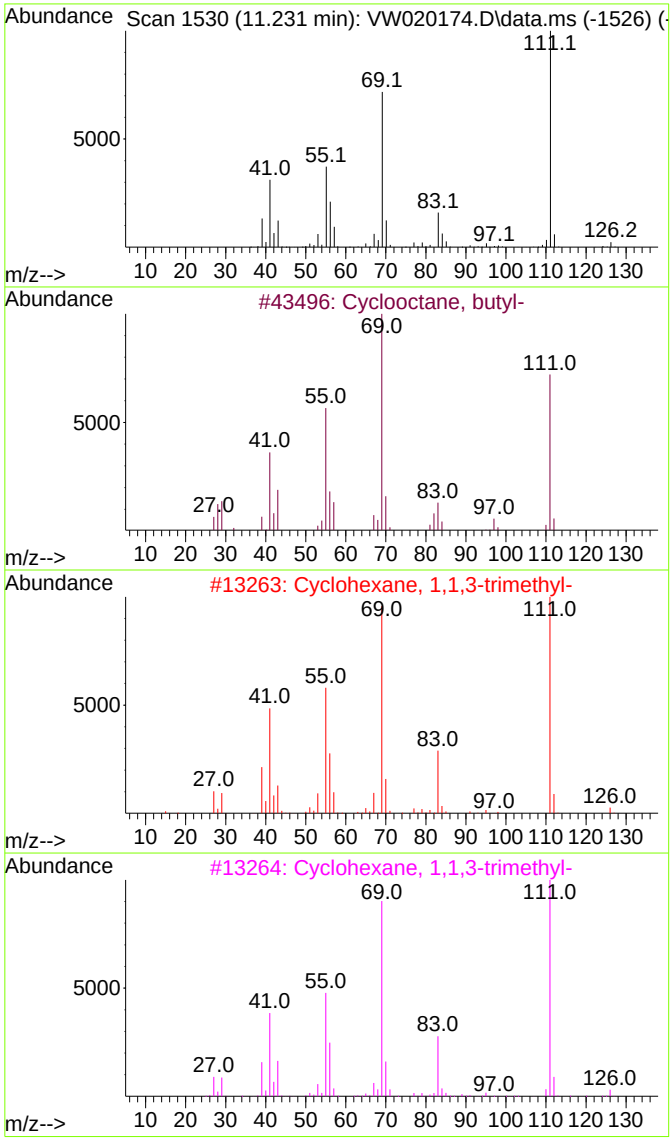
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

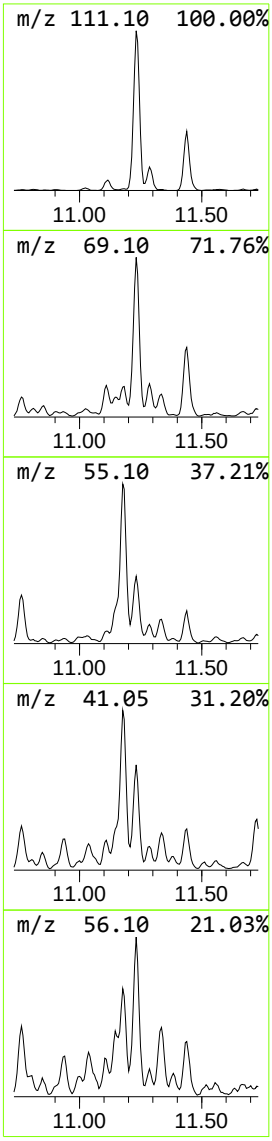
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	24.17 ug/L	966358	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

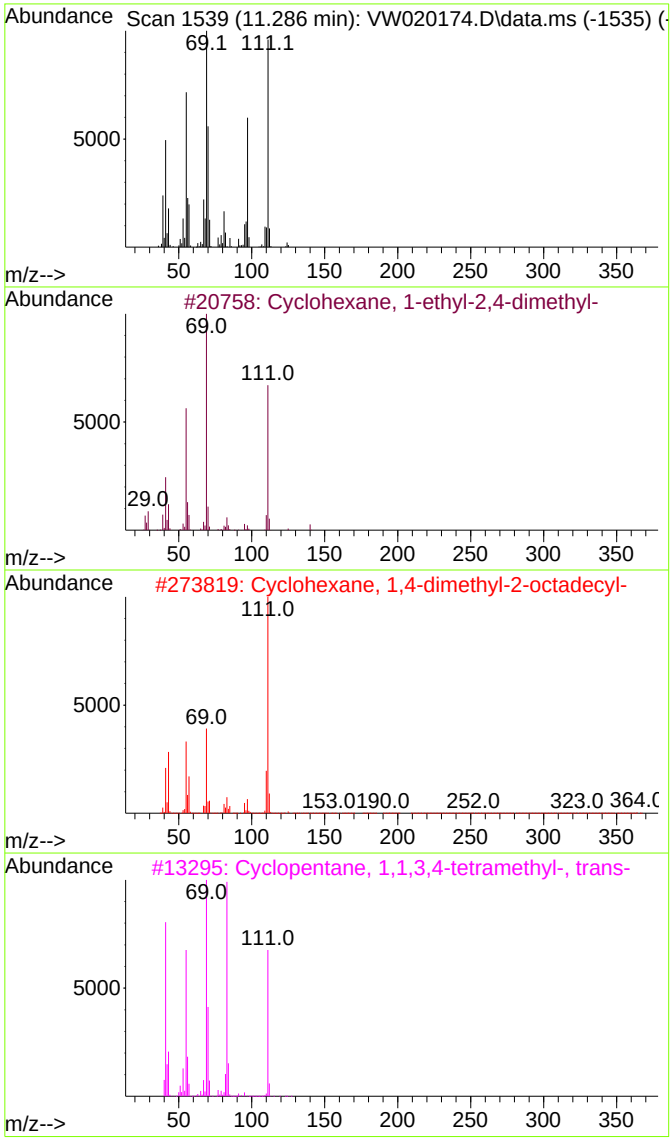
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

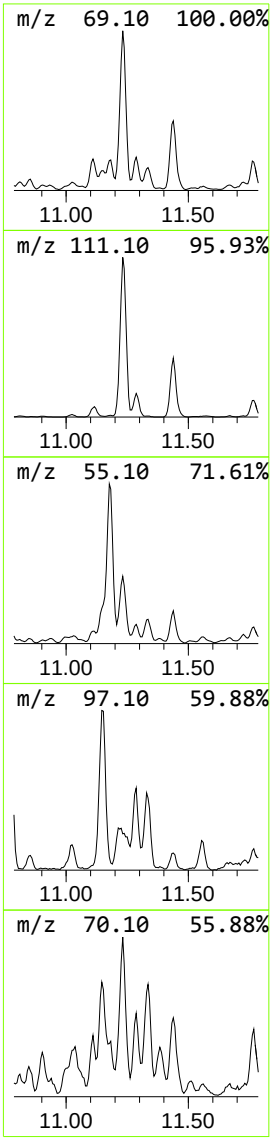
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic11.286 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	3.38 ug/L	135177	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
2	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	50
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	50
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

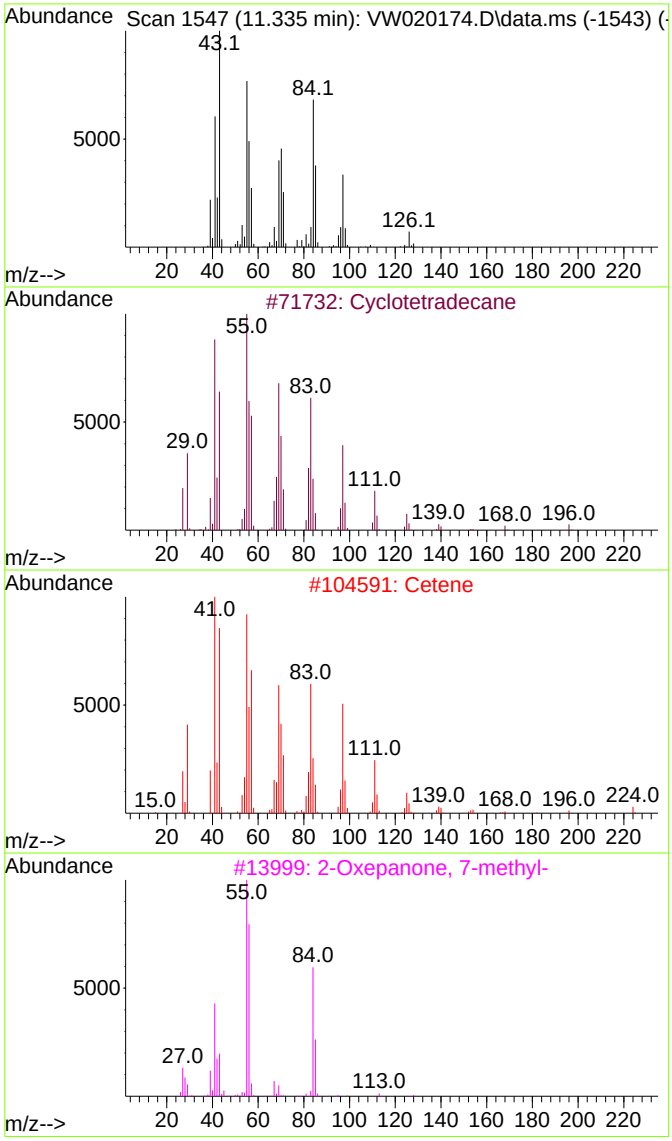
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

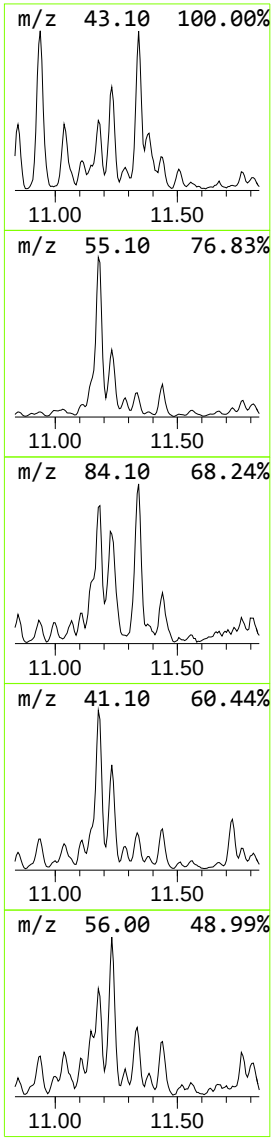
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.335 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	7.29 ug/L	291330	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	50
2	Cetene	224	C16H32	000629-73-2	50
3	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	46
4	1-Nonene	126	C9H18	000124-11-8	43
5	2(3H)-Furanone, dihydro-5,5-dime...	114	C6H10O2	003123-97-5	43





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Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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

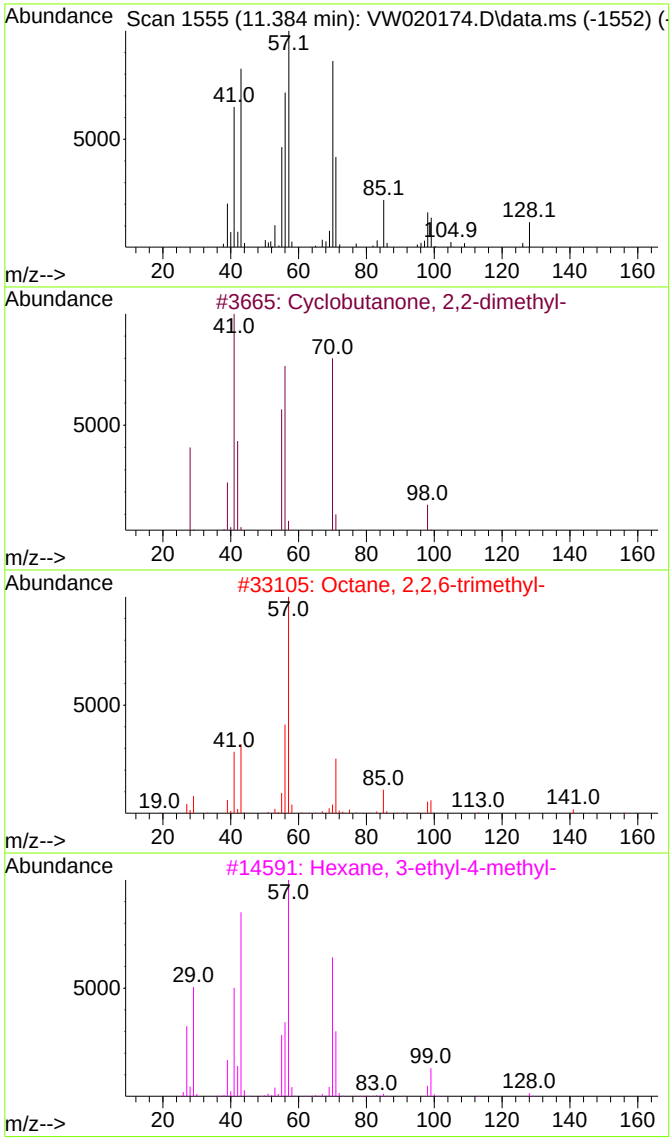
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

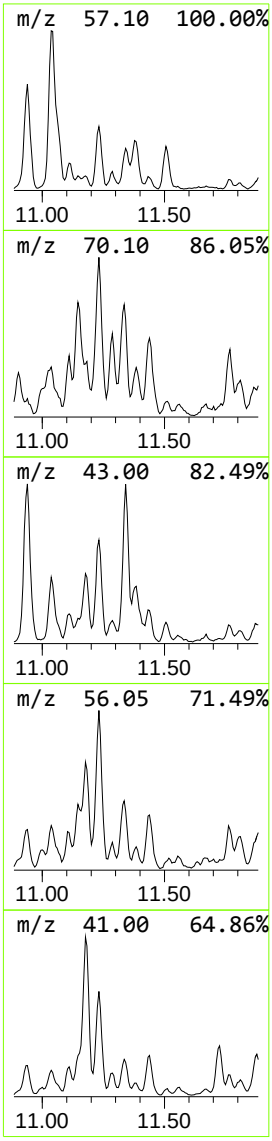
****

Peak Number 19 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	1.37 ug/L	54834	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	47
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	47
3	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	42
4	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	40
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	38





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Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

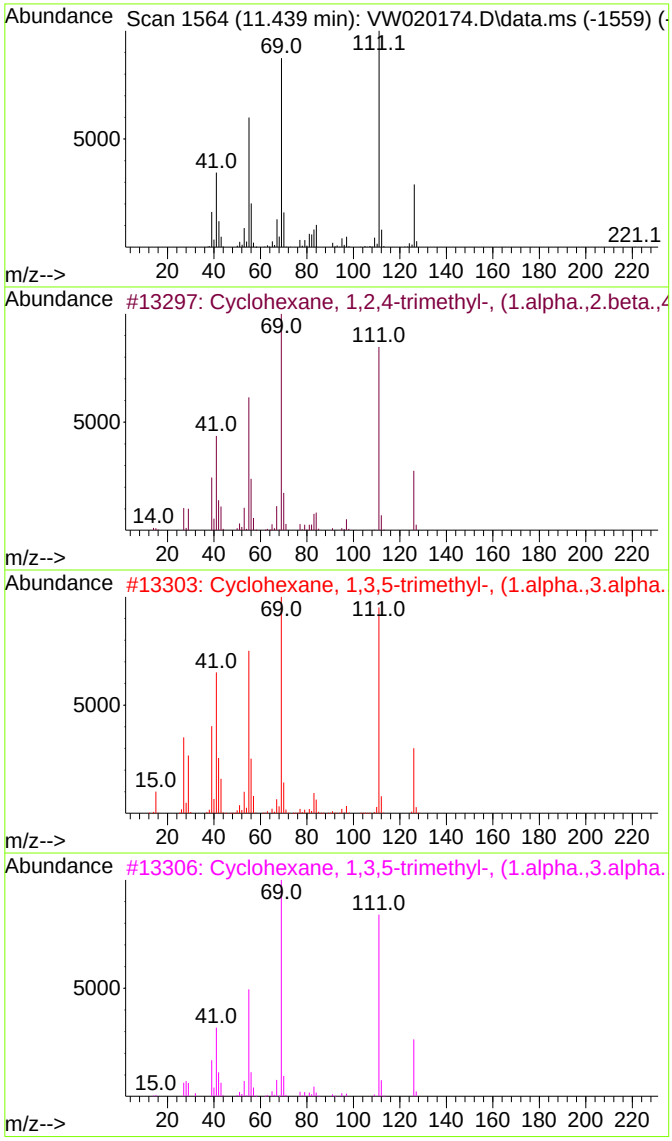
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

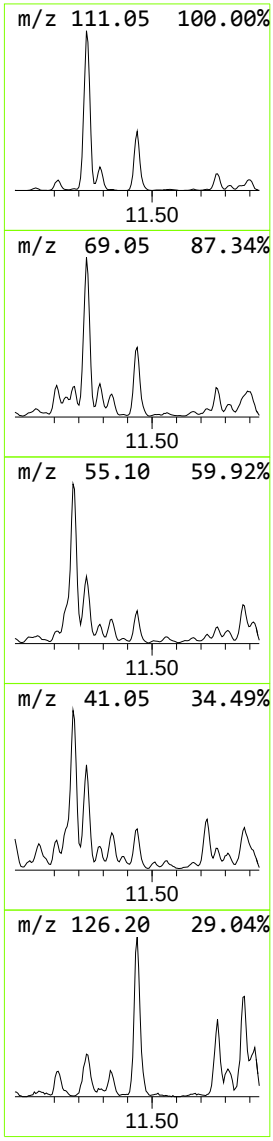
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic11.439 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	11.96 ug/L	478367	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	97
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

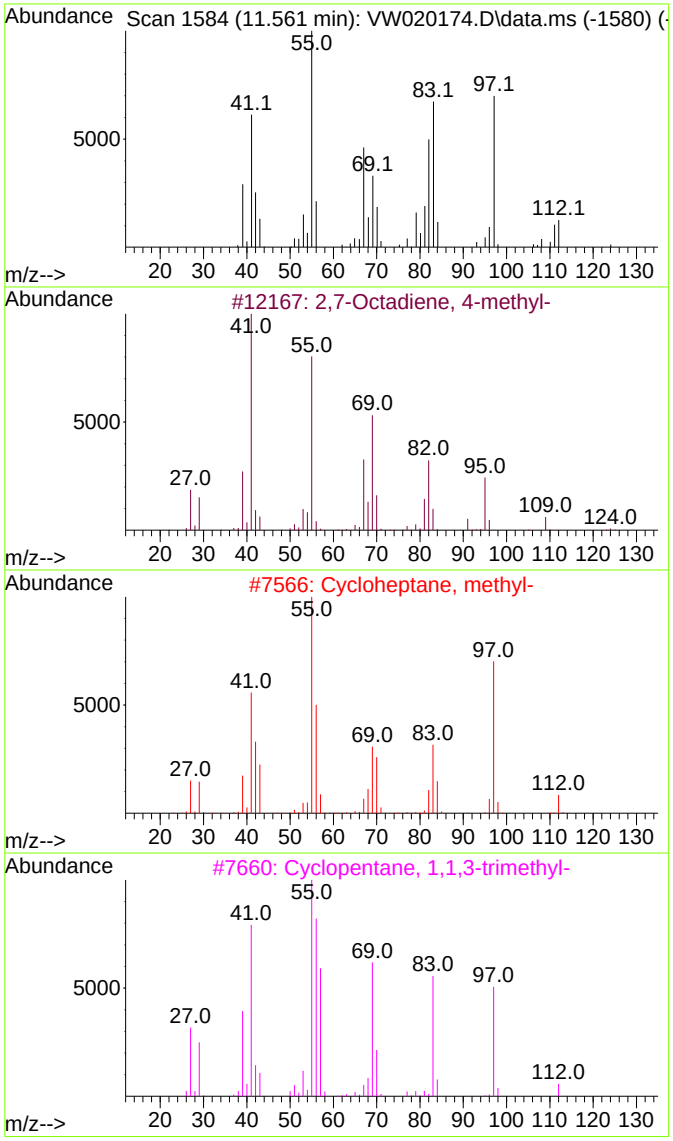
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

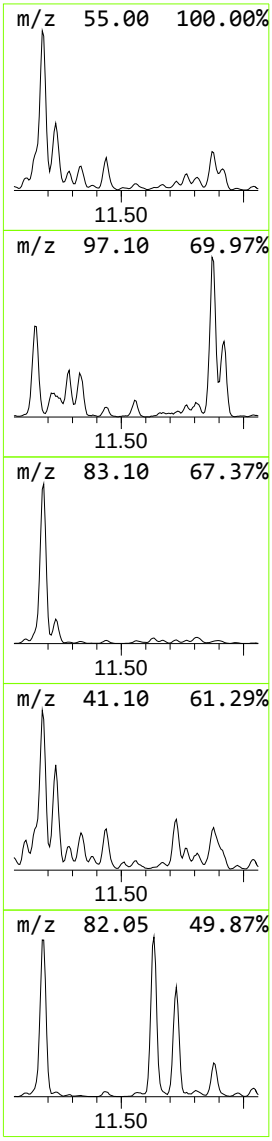
****

Peak Number 21 unknown-02 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.561	1.39 ug/L	55506	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	45
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	45
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
4	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	38
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

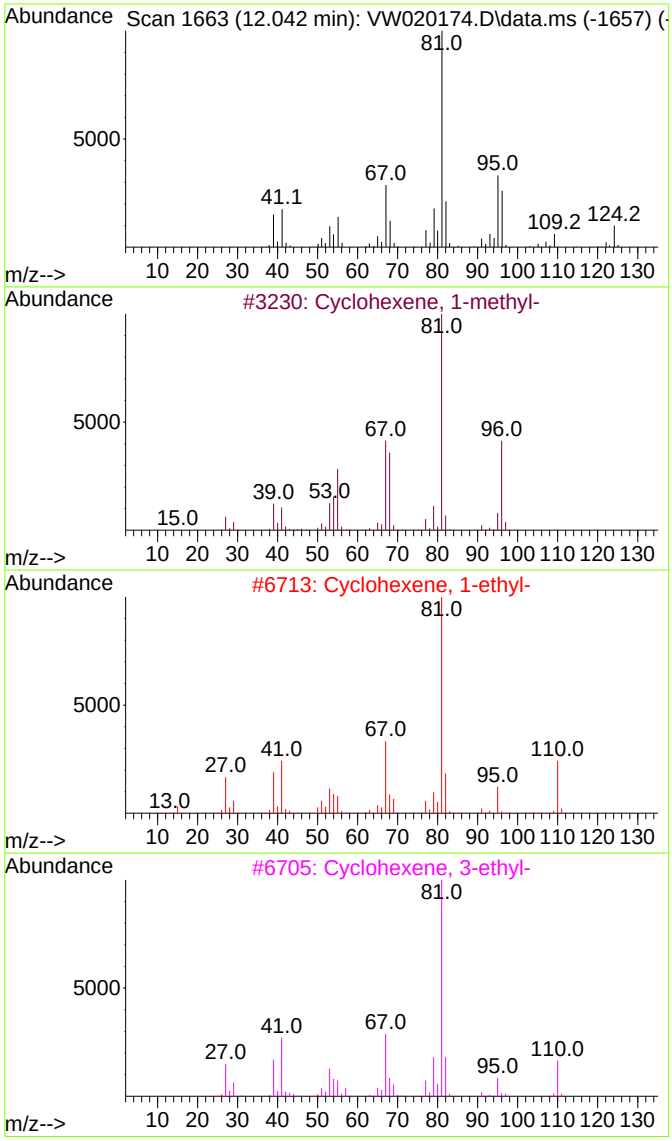
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

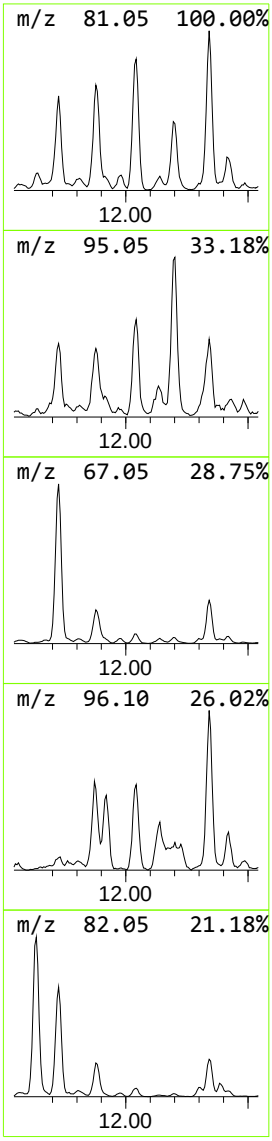
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.042	4.96 ug/L	198165	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	53
3	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	53
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

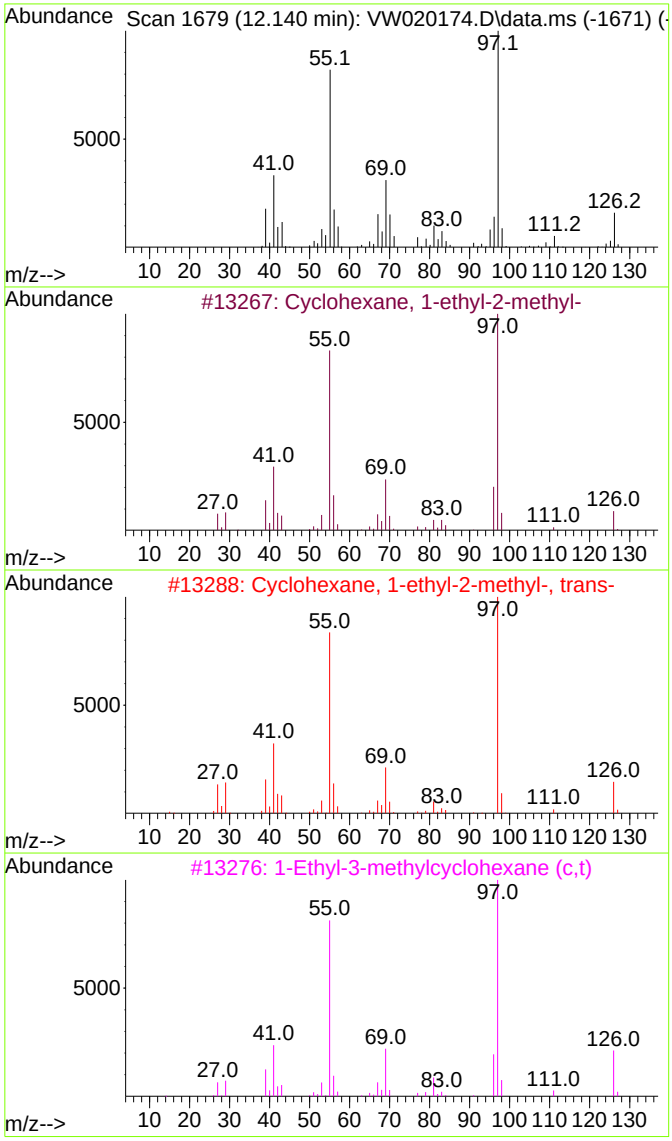
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

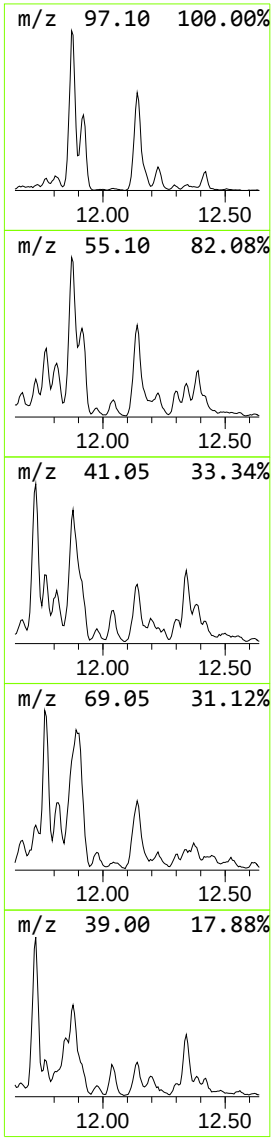
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic12.140 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	7.31 ug/L	292185	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

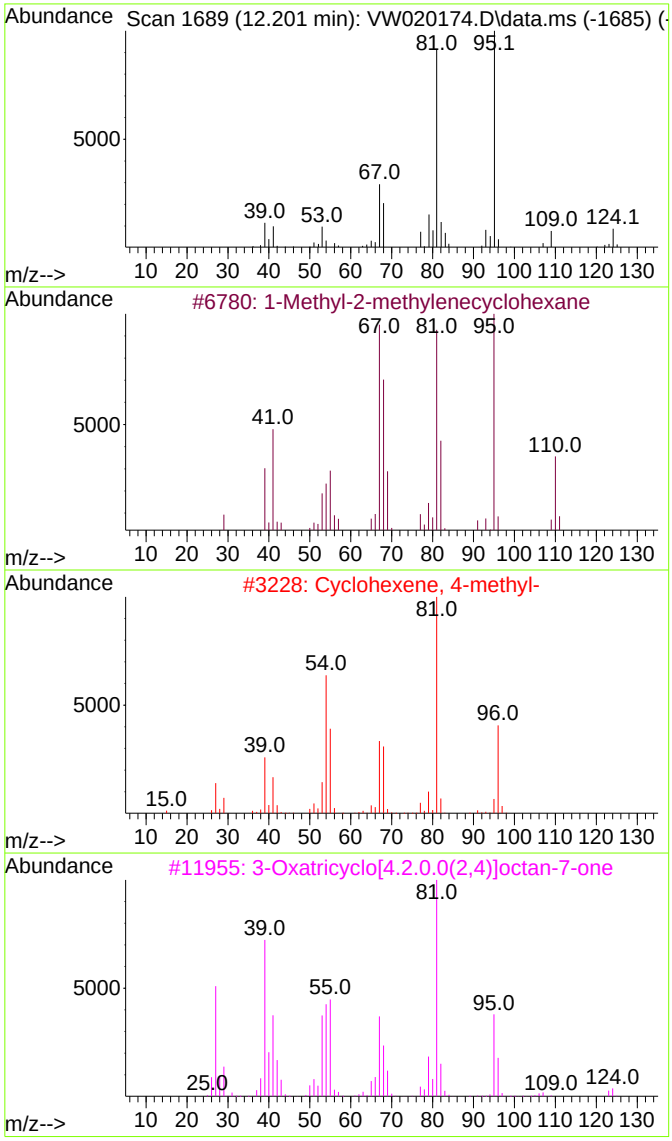
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

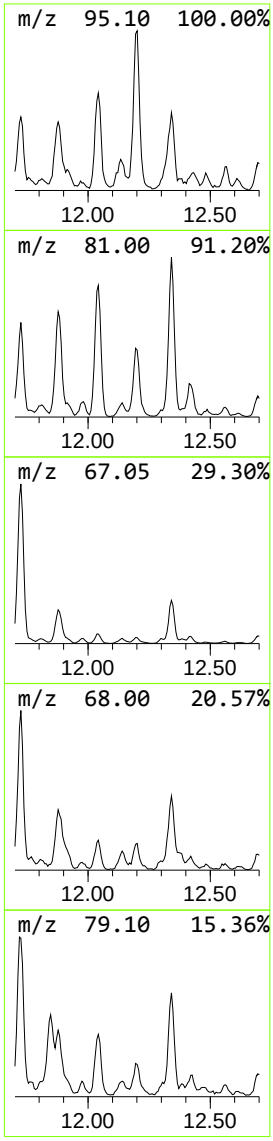
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1-Methyl-2-methylenecyclohe... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	4.57 ug/L	182745	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
3	3-Oxatricyclo[4.2.0.0(2,4)]octan...	124	C7H8O2	1000211-18-1	40
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	37
5	Phenol, 2-(2-furyl)(2-pyrimidyla...	267	C15H13N3O2	1000262-80-0	35





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Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

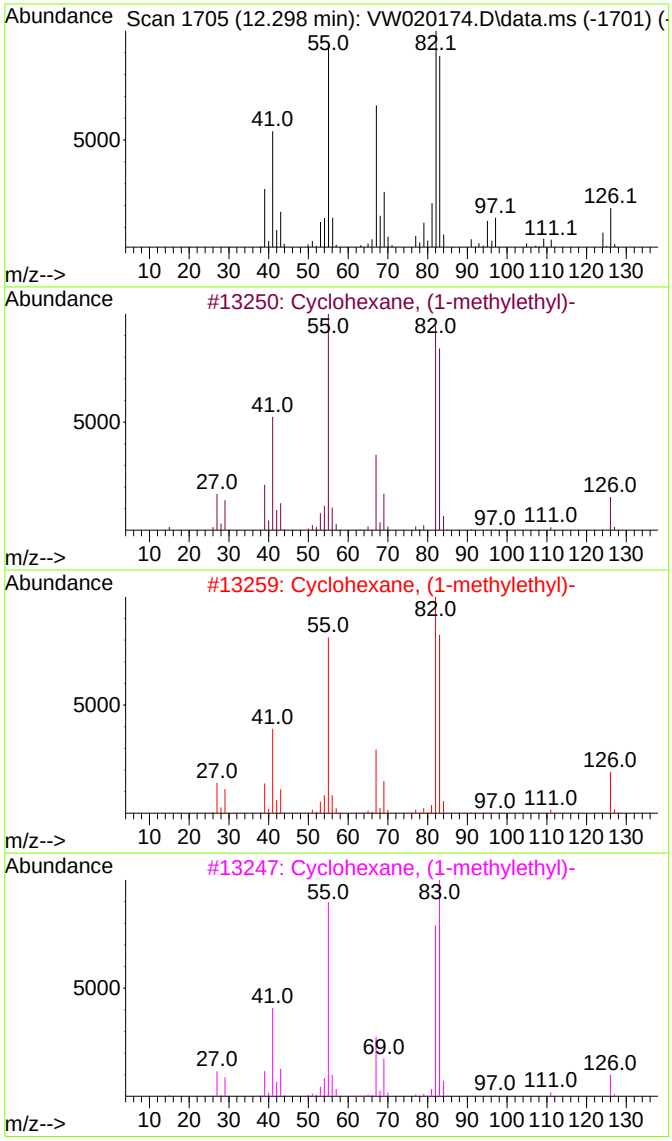
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

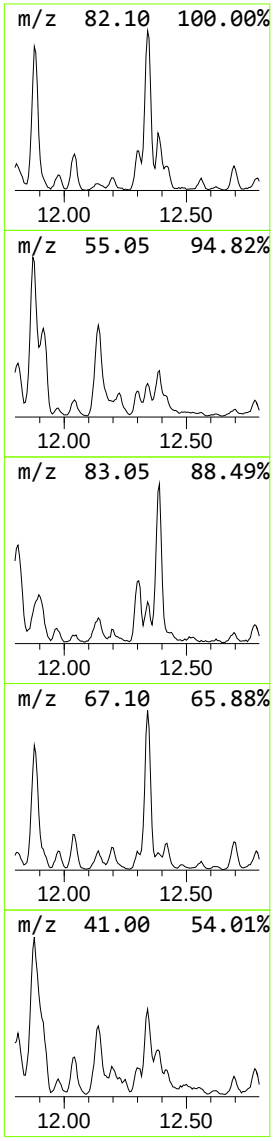
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic12.298 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	1.57 ug/L	62697	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	74
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53





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Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

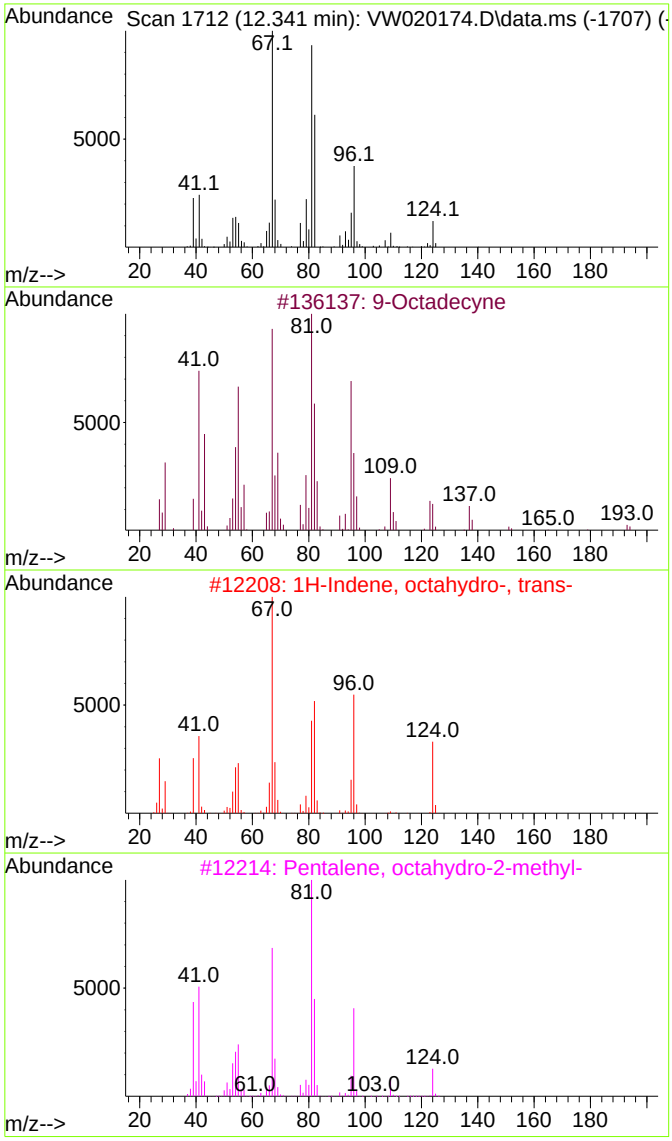
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

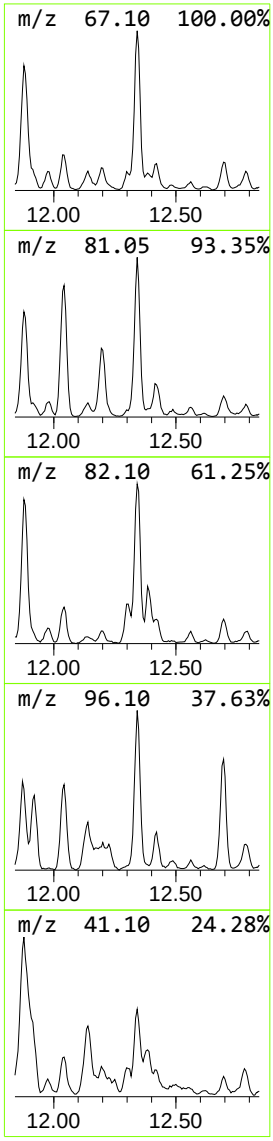
****

Peak Number 26 9-Octadecyne Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	7.04 ug/L	281682	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecyne	250	C18H34	035365-59-4	83
2	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	52
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

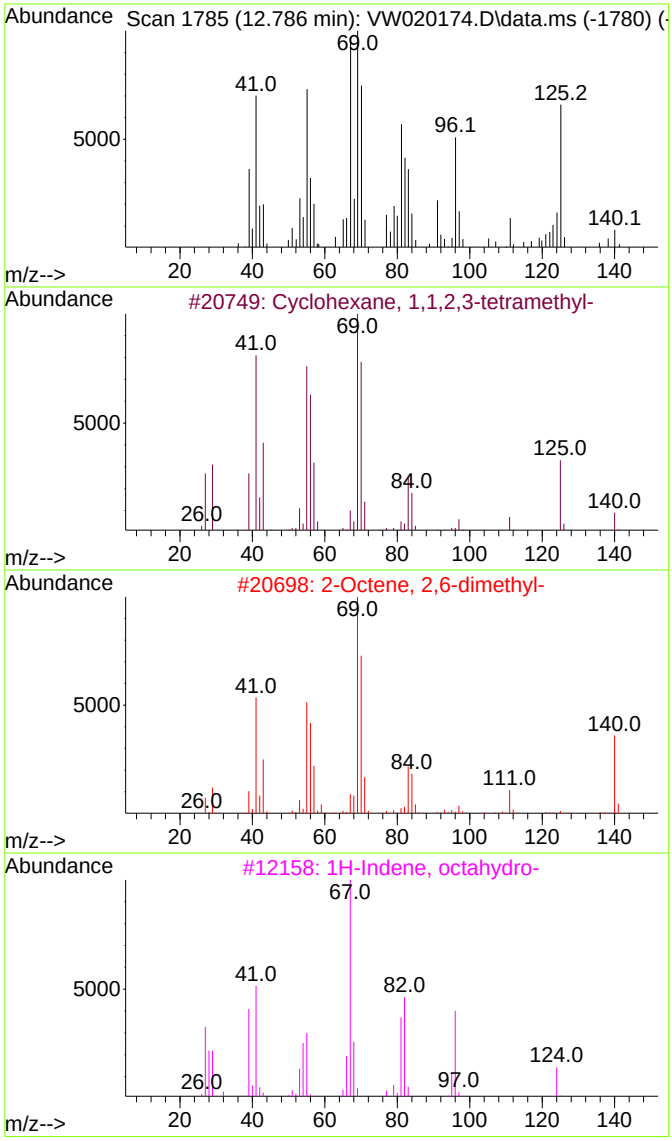
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

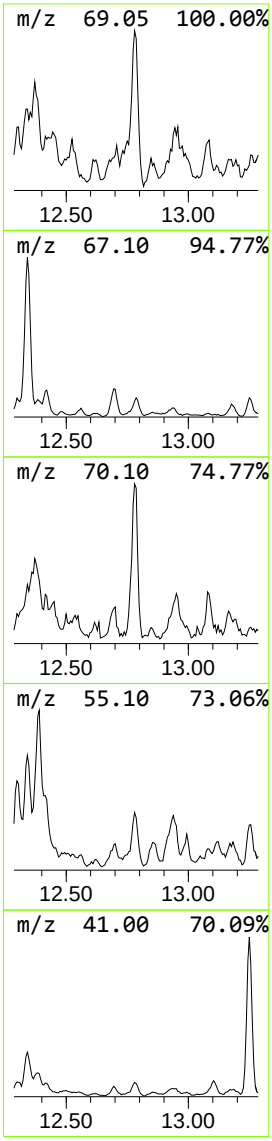
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic12.786 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	5.39 ug/L	97488	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
3	1H-Indene, octahydro-	124	C9H16	000496-10-6	30
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	30
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	25





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Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

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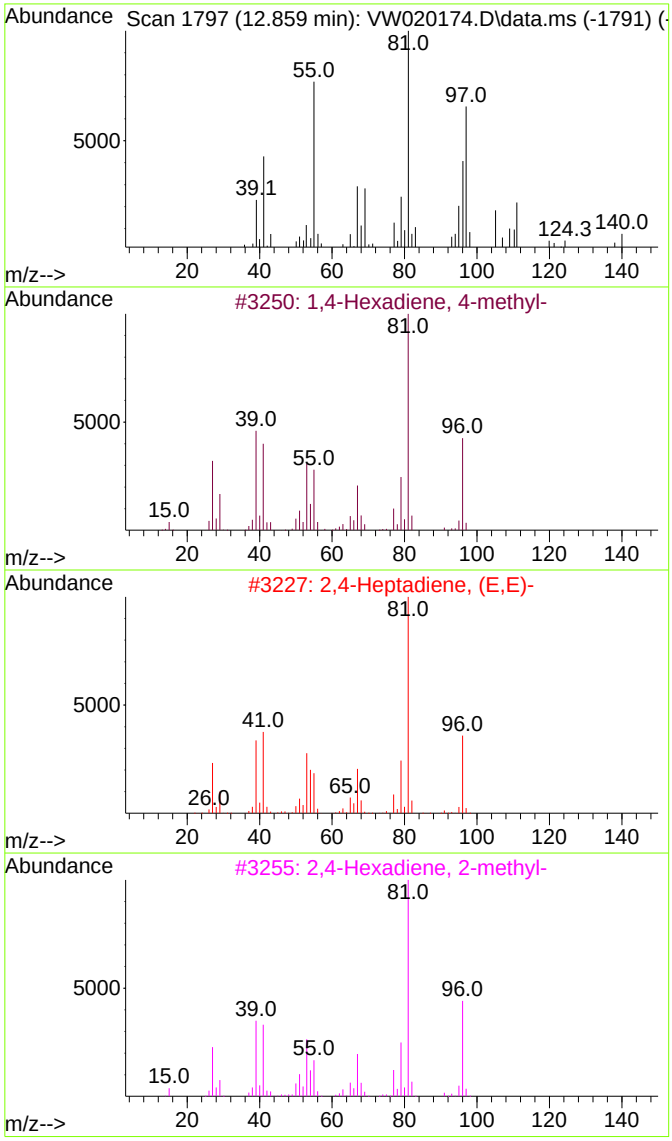
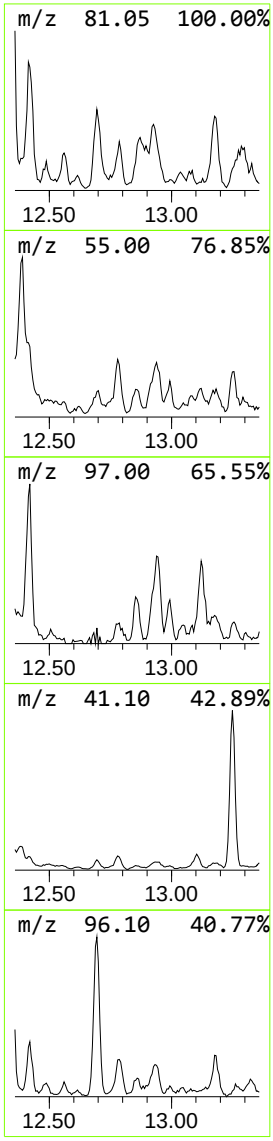
Peak Number 29 1,4-Hexadiene, 4-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.99 ug/L	35891	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	52
2	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	49
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	49
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	46
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

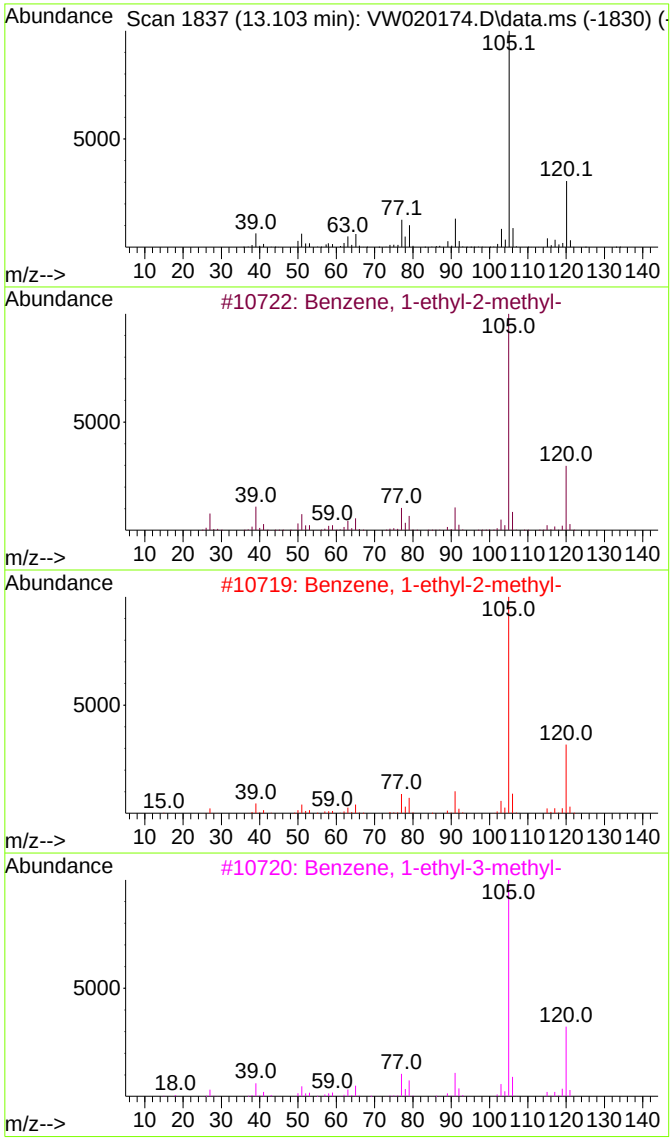
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

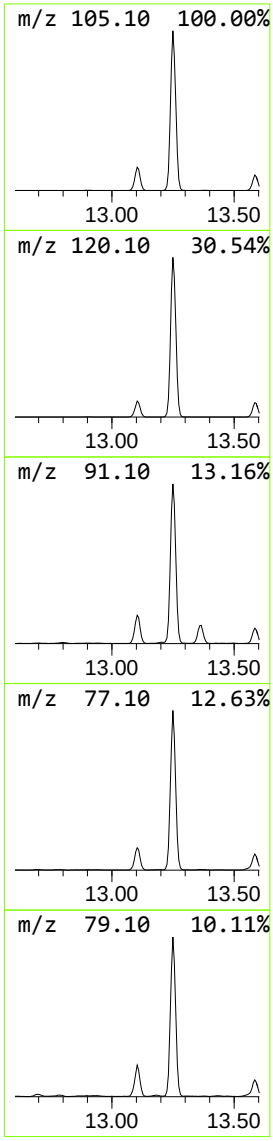
****

Peak Number 30 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	53.09 ug/L	959909	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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

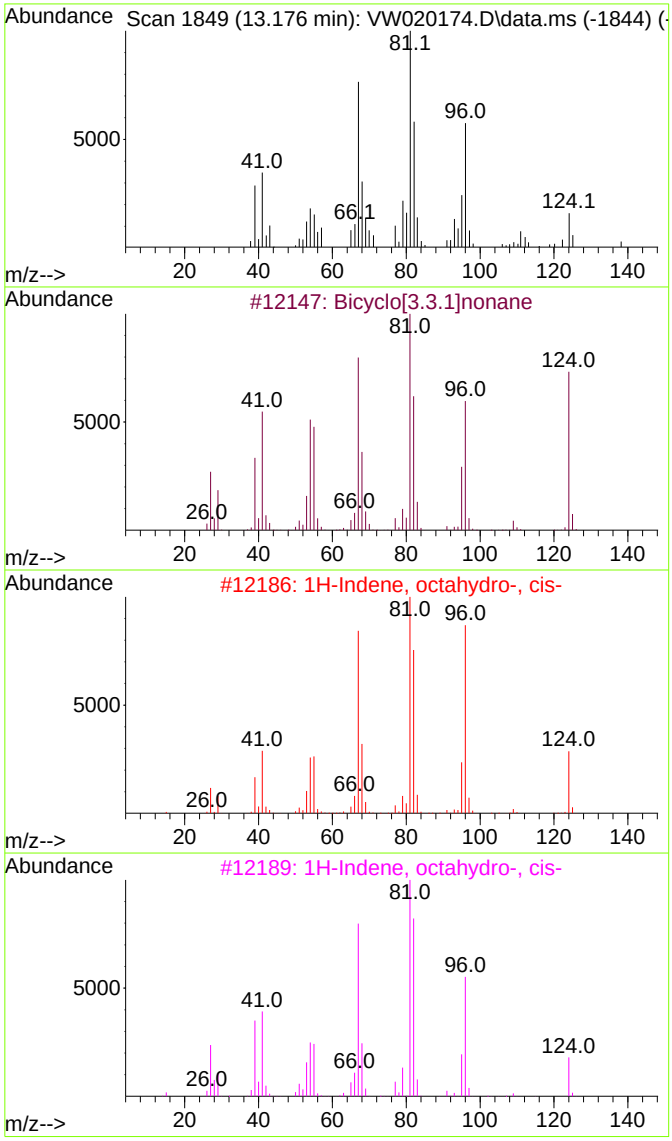
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

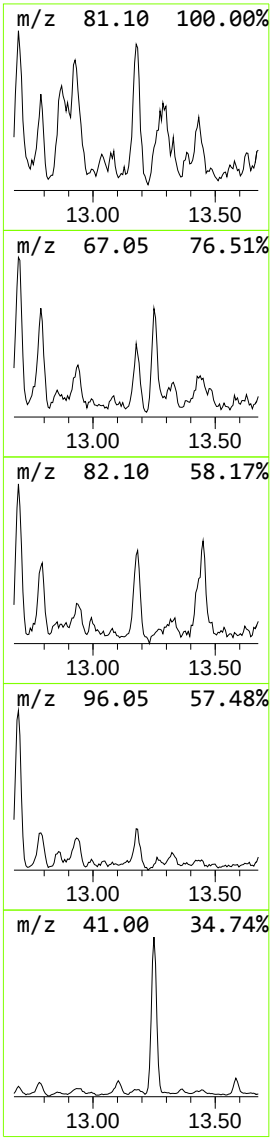
****

Peak Number 31 Bicyclo[3.3.1]nonane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.176	2.91 ug/L	52694	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	90
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	87
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	76
4	1-Methylcyclooctene	124	C9H16	000933-11-9	74
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

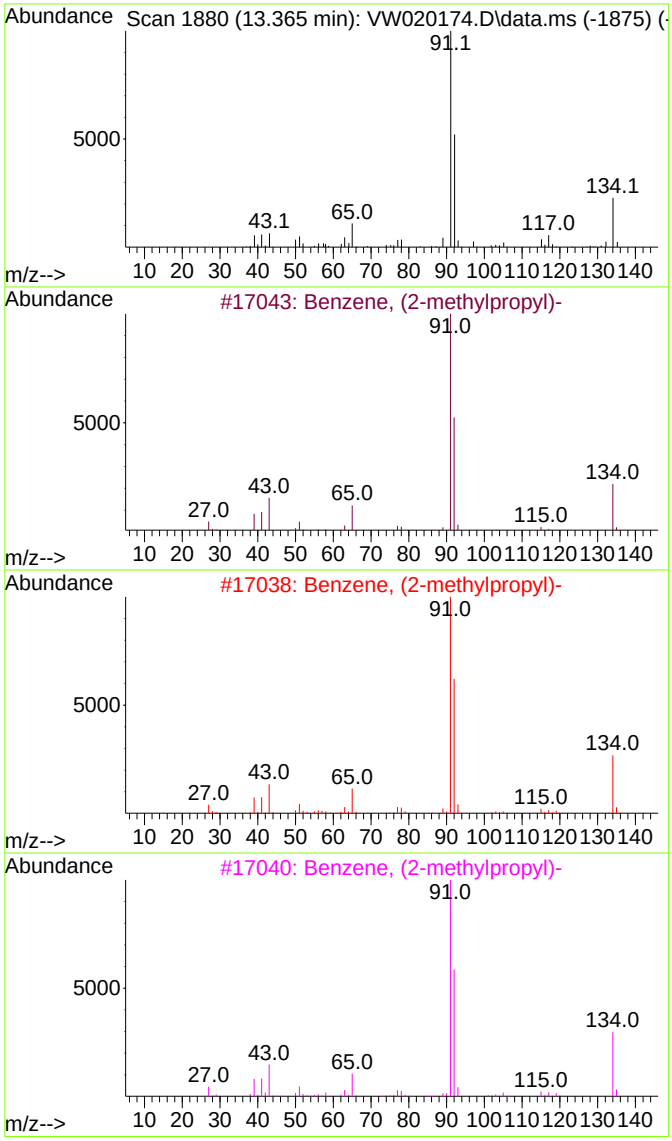
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

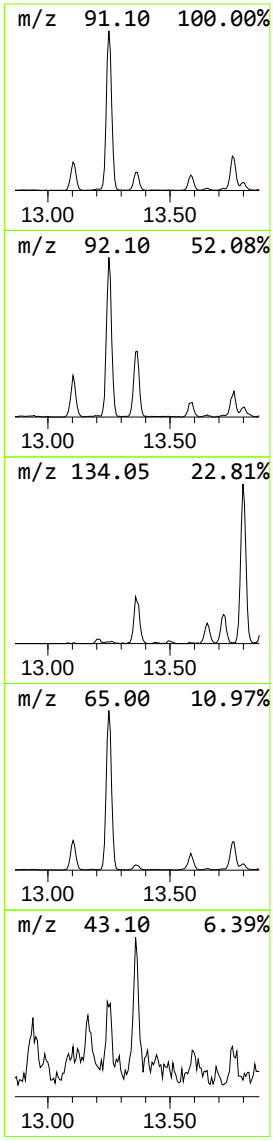
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (2-methylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	4.77 ug/L	86250	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

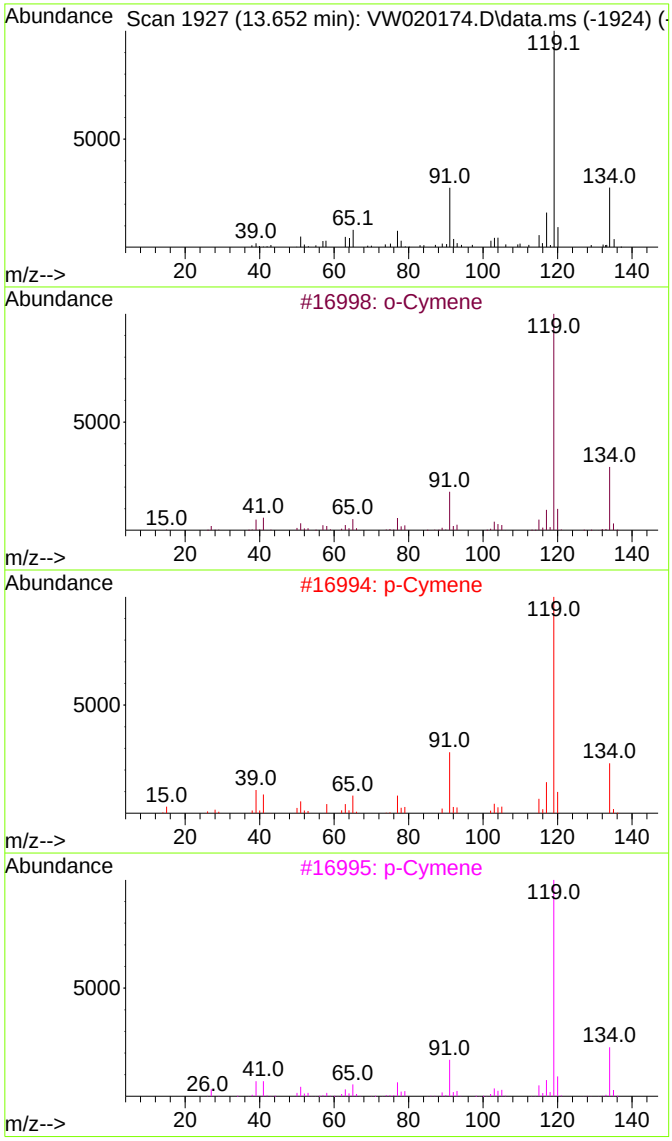
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

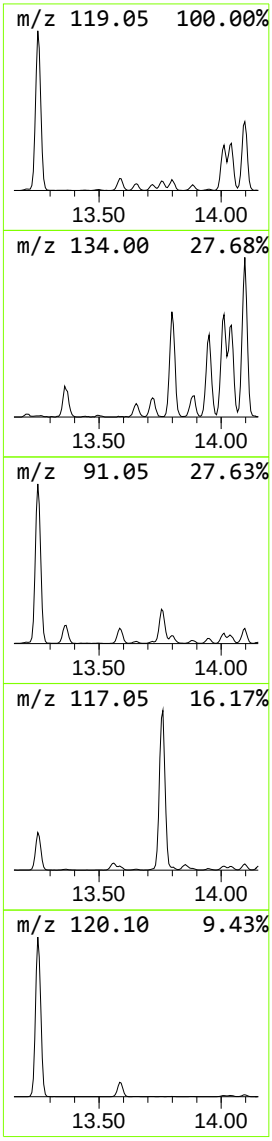
****

Peak Number 33 o-Cymene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	2.08 ug/L	37603	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

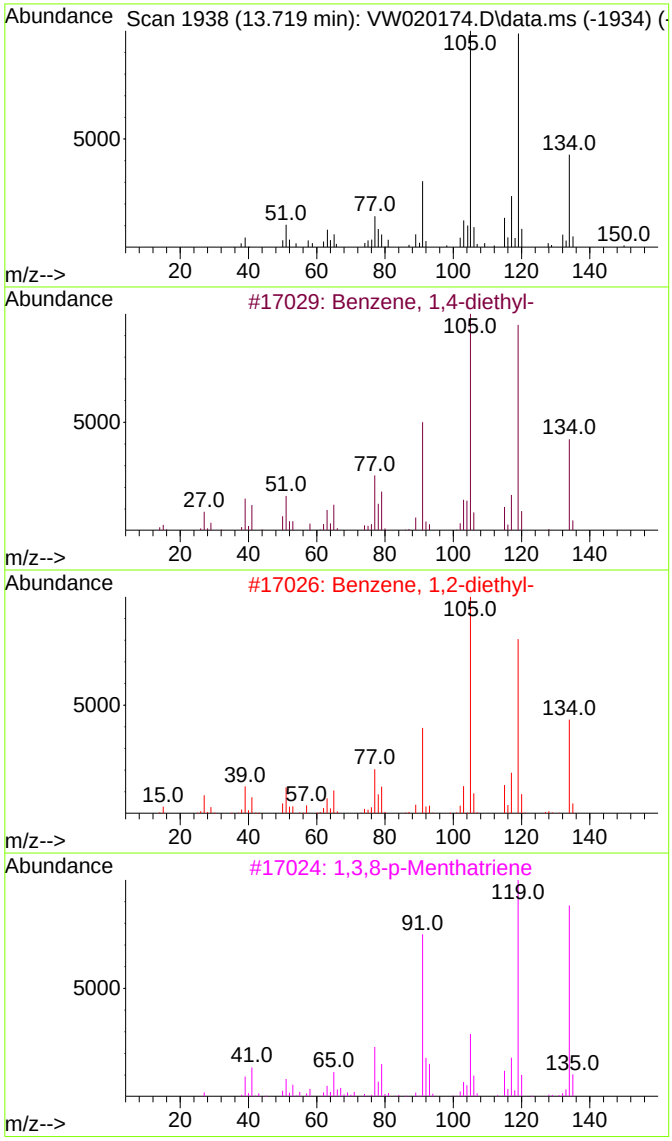
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

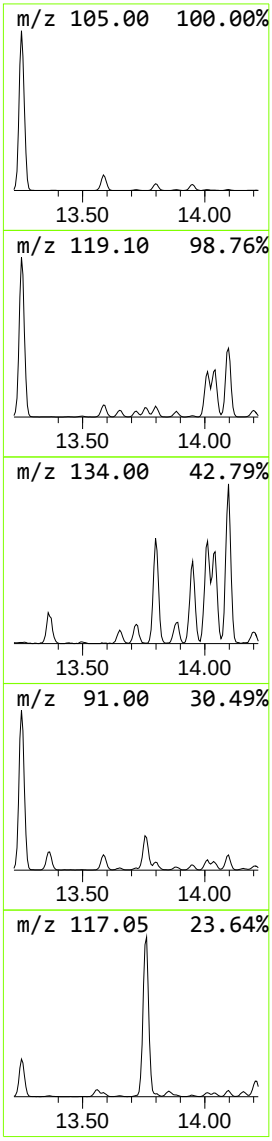
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,4-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	2.66 ug/L	48143	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

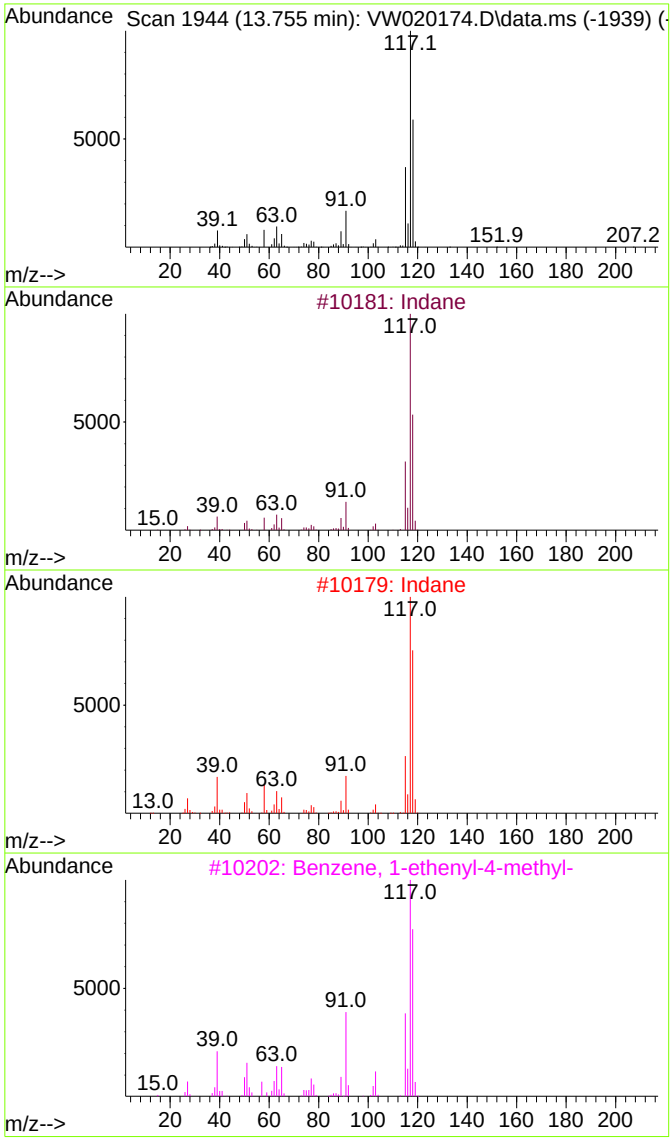
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

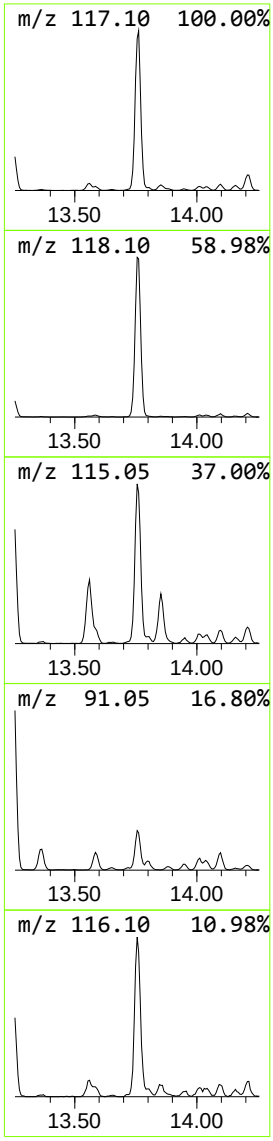
****

Peak Number 35 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	65.62 ug/L	1186450	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

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

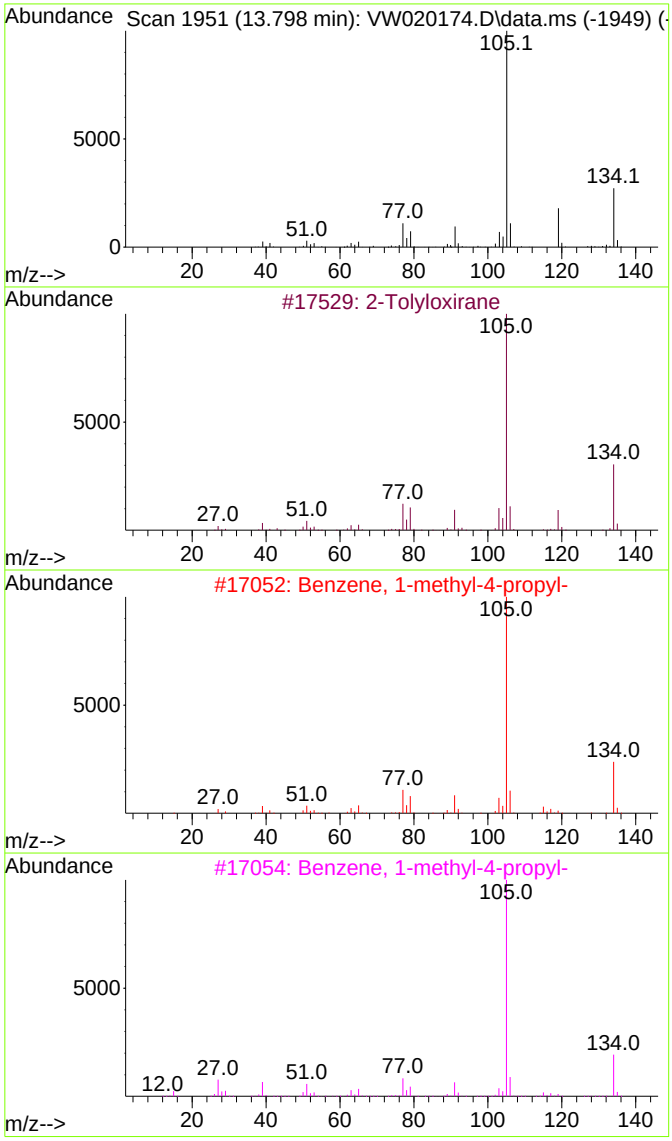
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

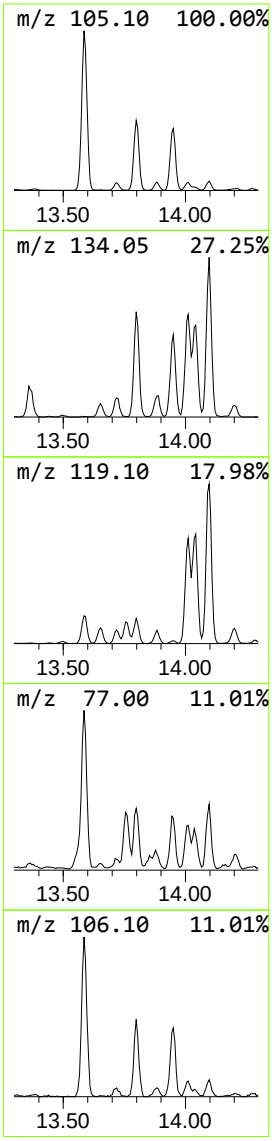
****

Peak Number 36 2-Tolyloxirane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	13.20 ug/L	238623	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

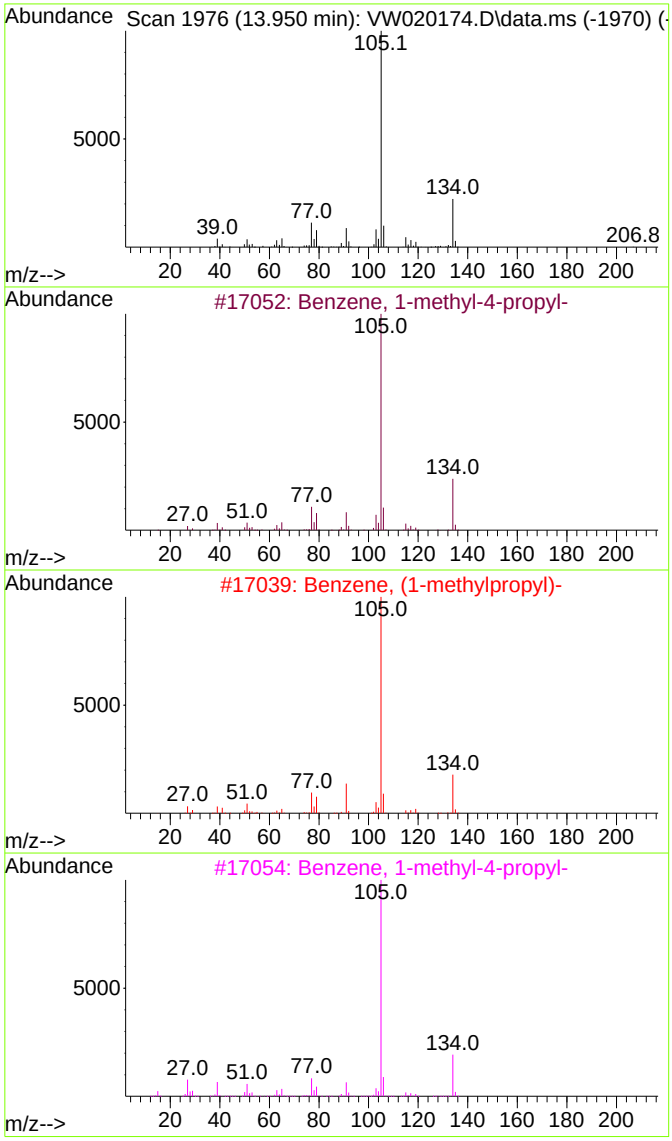
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

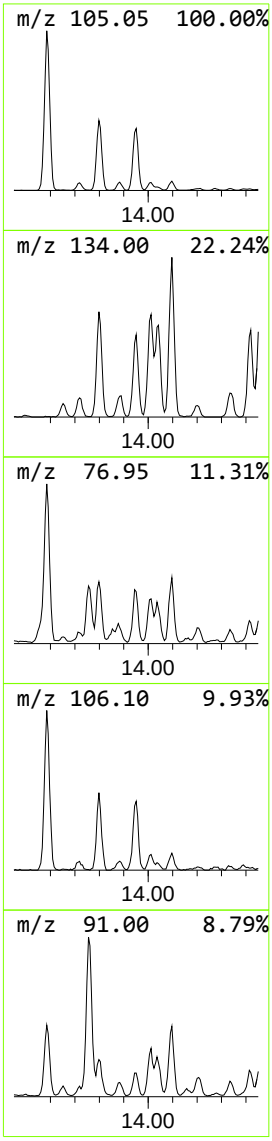
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	12.38 ug/L	223815	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

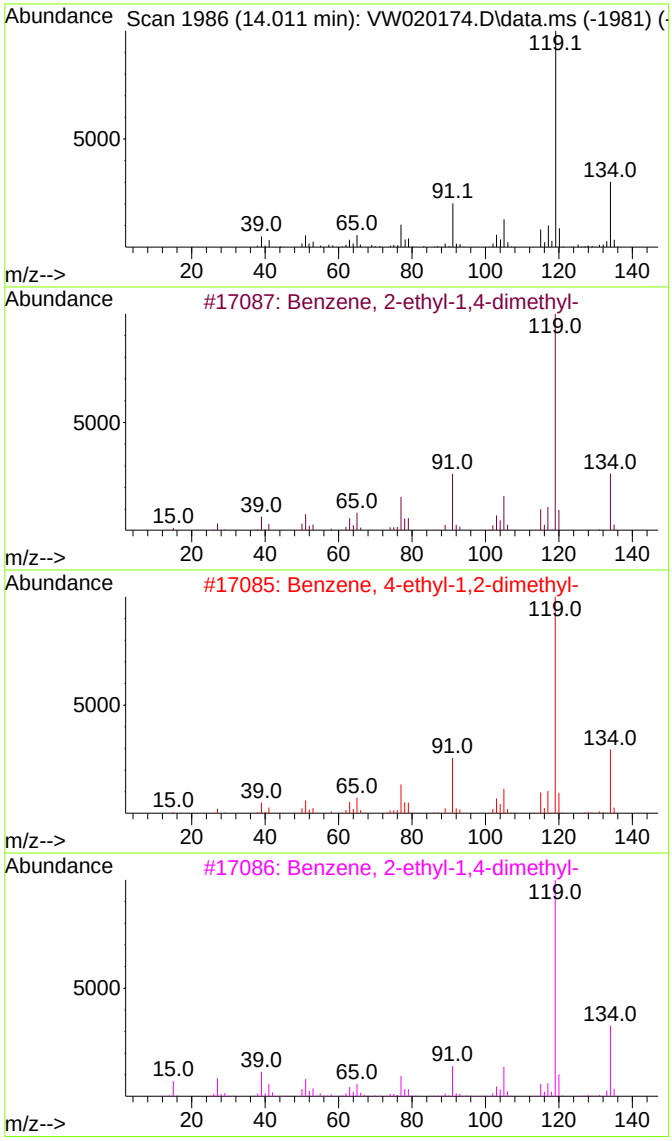
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

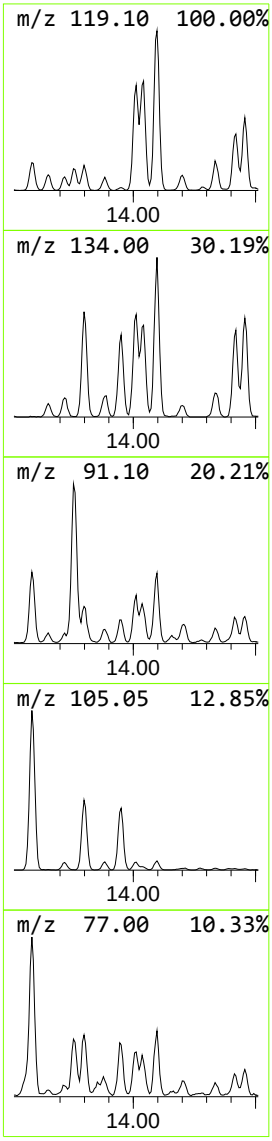
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	14.32 ug/L	258852	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
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\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

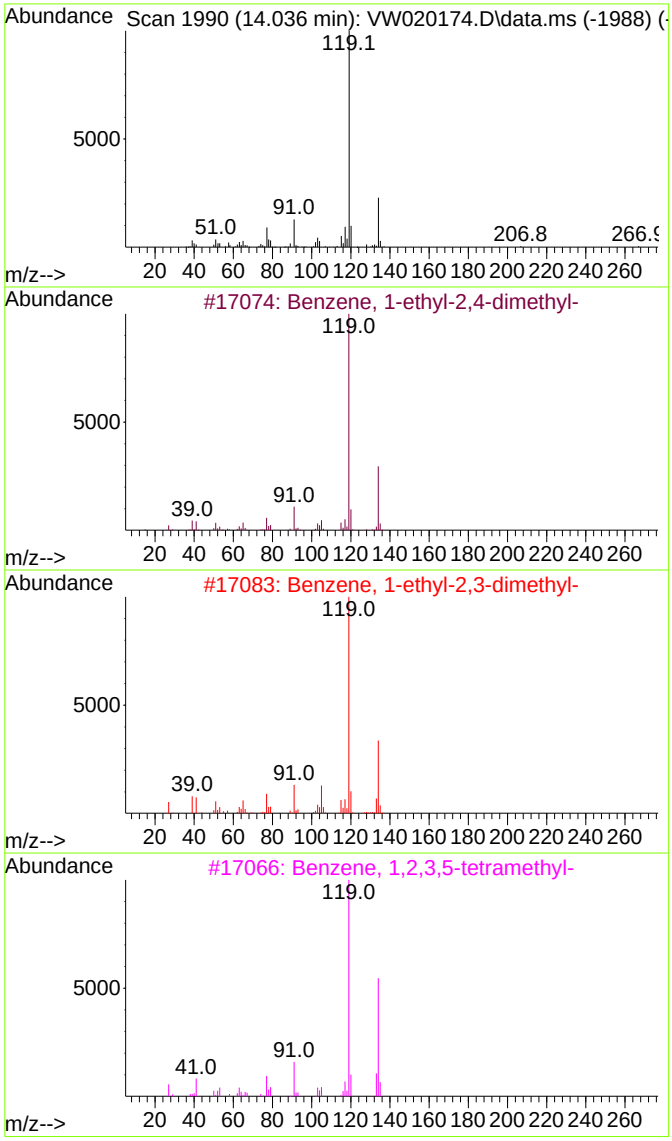
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

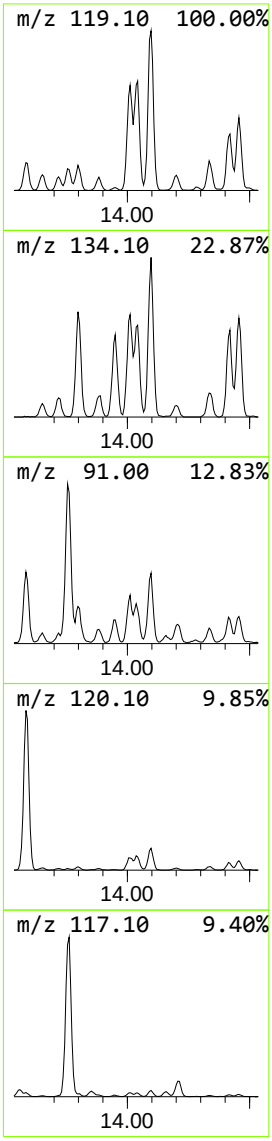
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	12.61 ug/L	228052	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

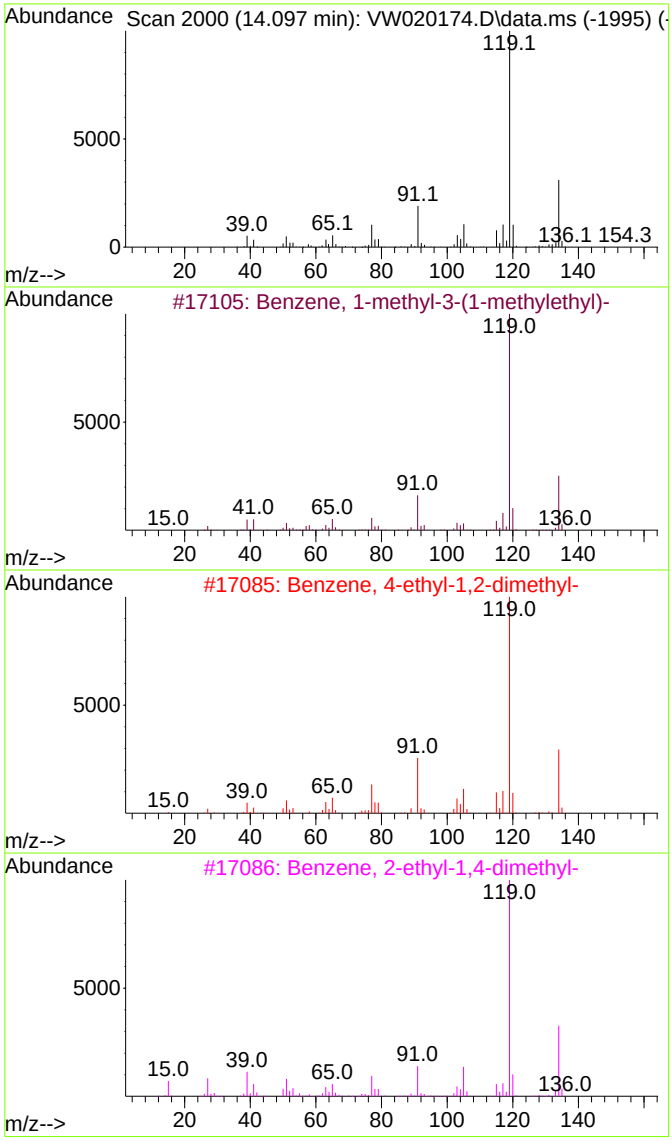
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

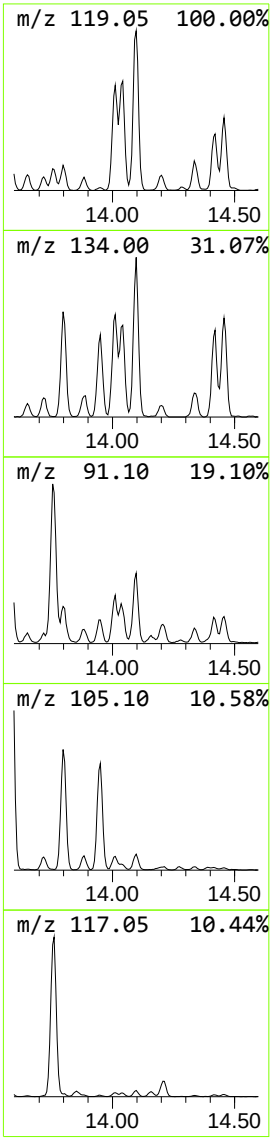
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	20.80 ug/L	376098	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

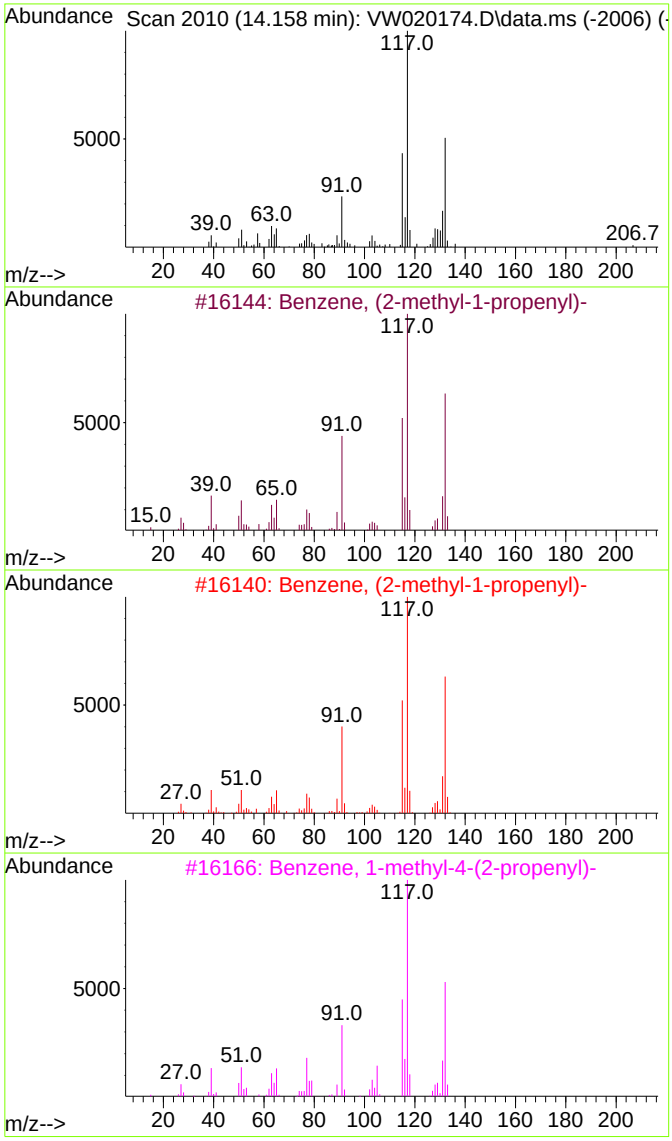
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

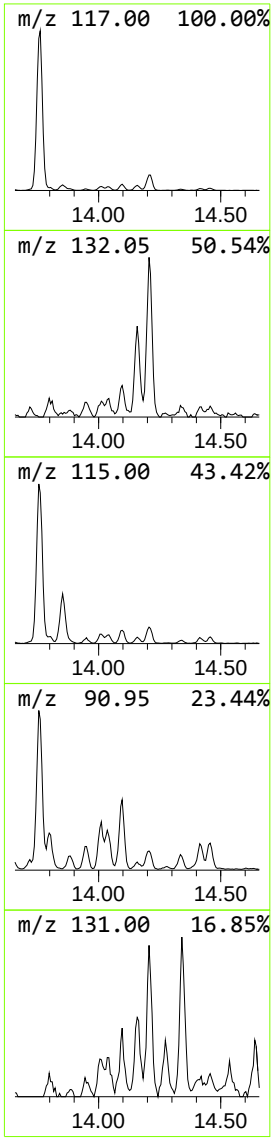
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, (2-methyl-1-propen... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.158	2.41 ug/L	43493	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

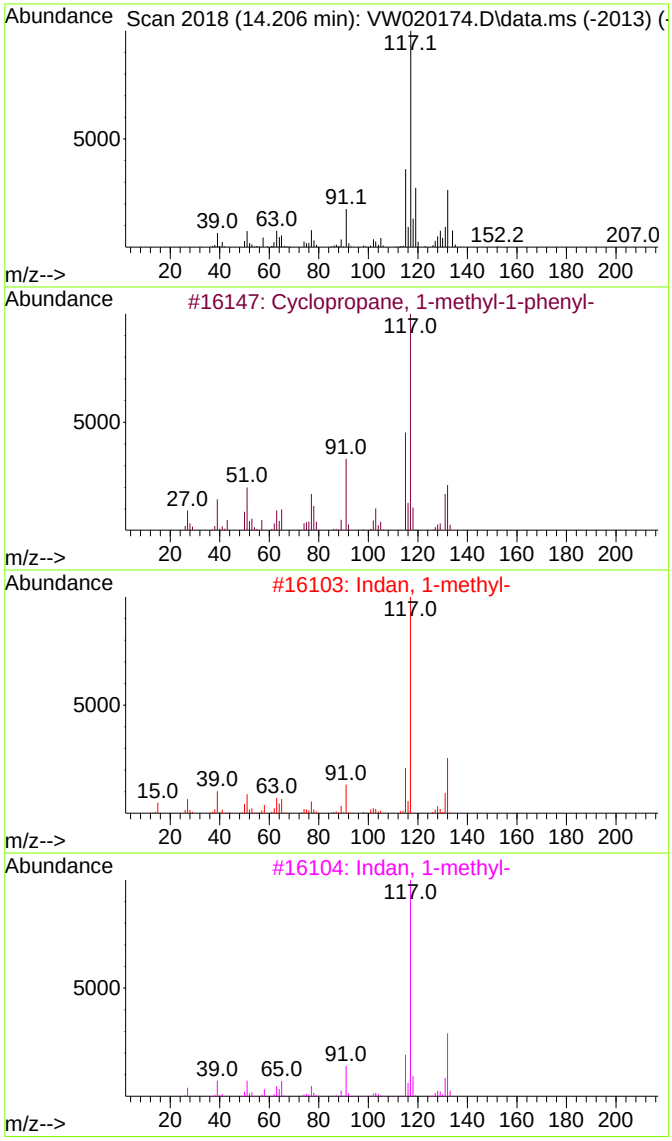
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

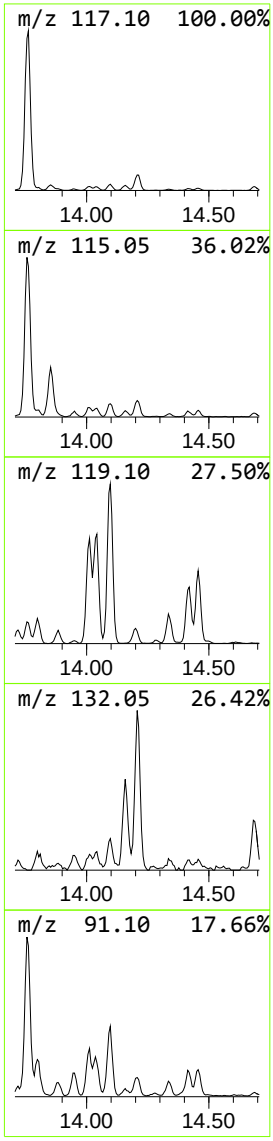
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Cyclopropane, 1-methyl-1-ph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	8.02 ug/L	145058	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

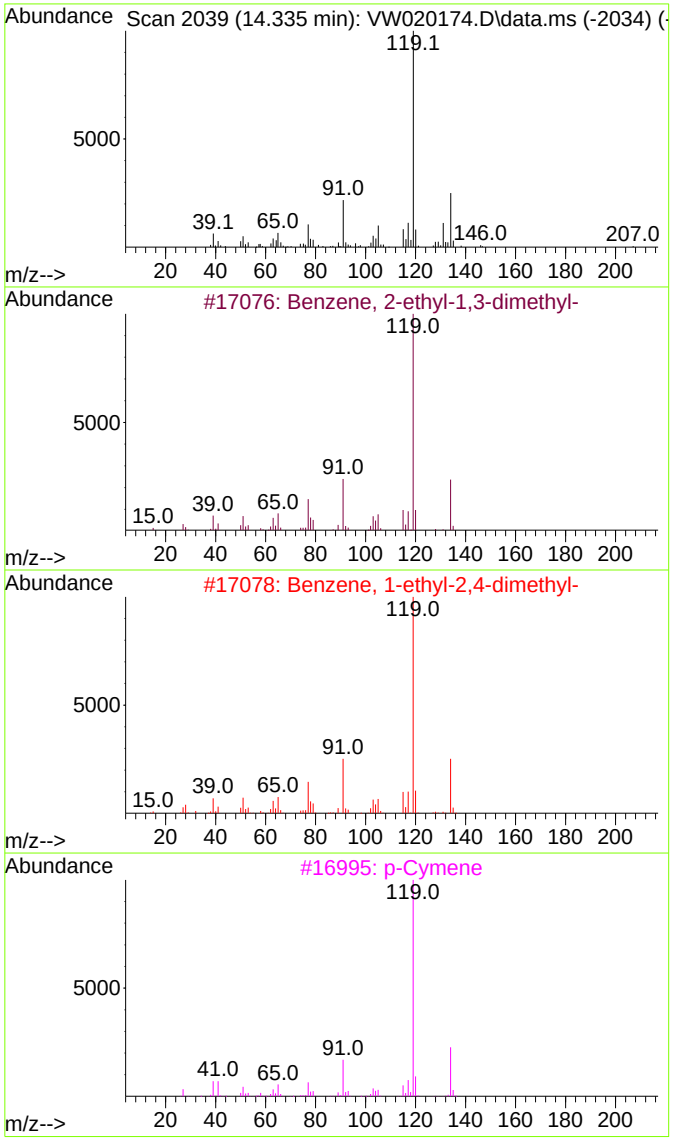
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

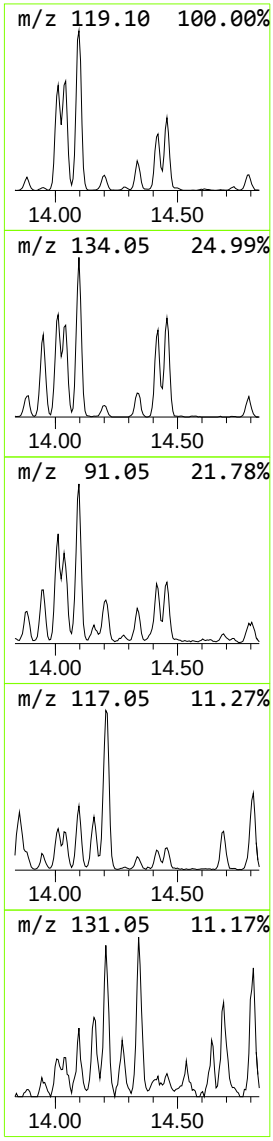
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	4.06 ug/L	73447	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

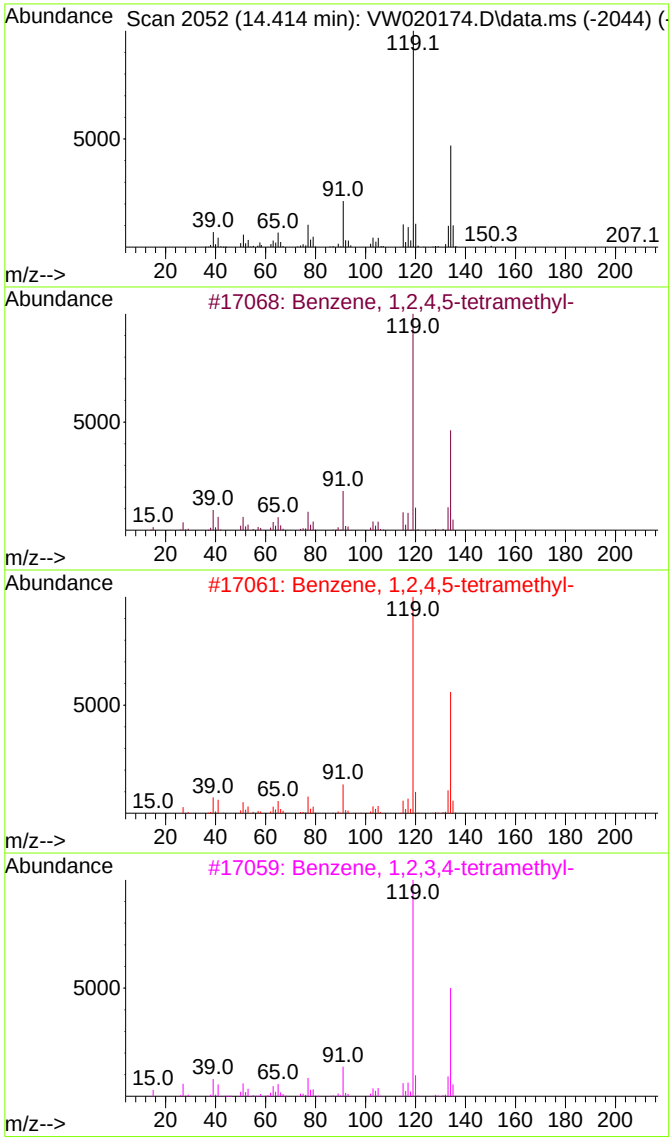
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

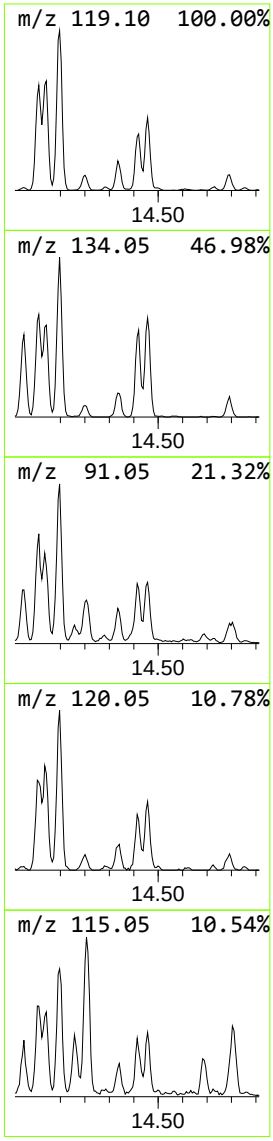
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	8.84 ug/L	159846	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

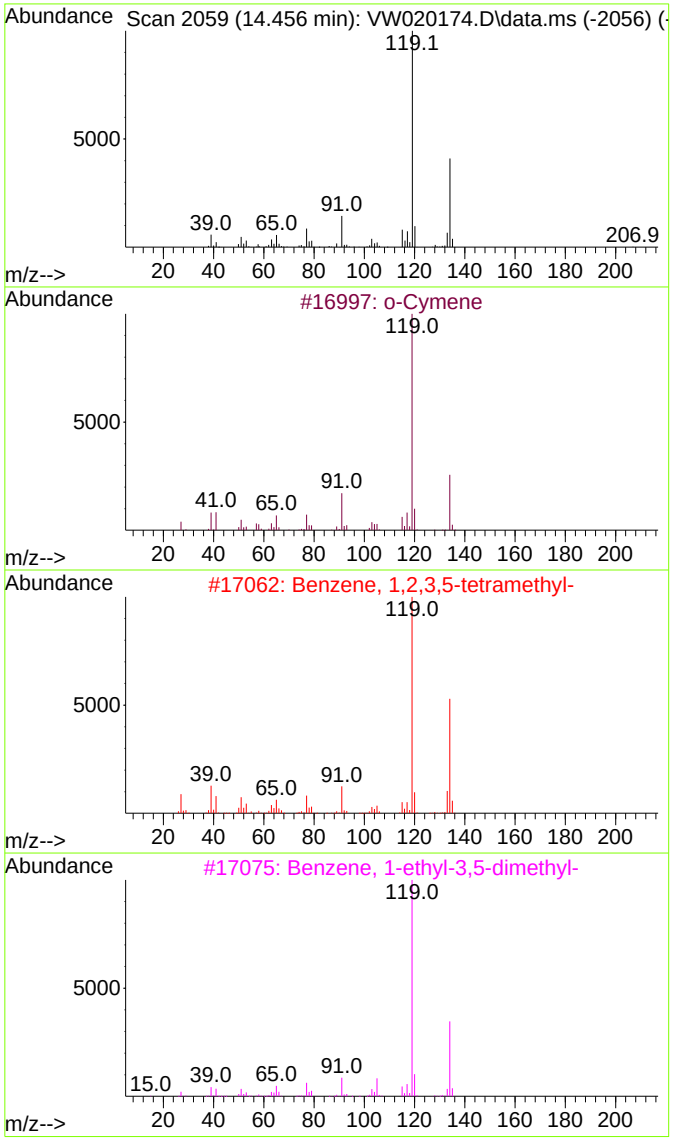
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

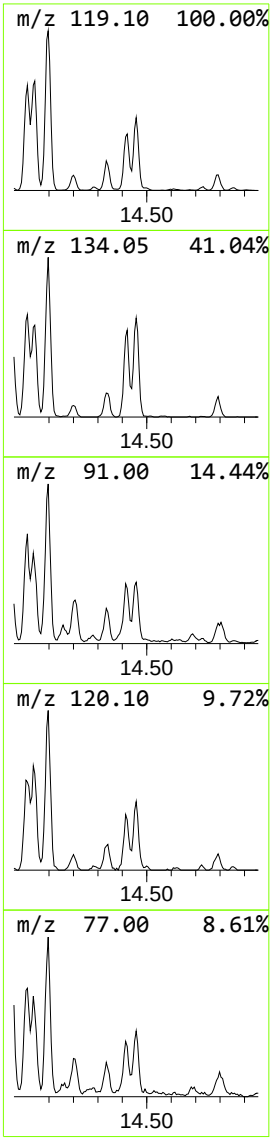
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	8.07 ug/L	145849	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

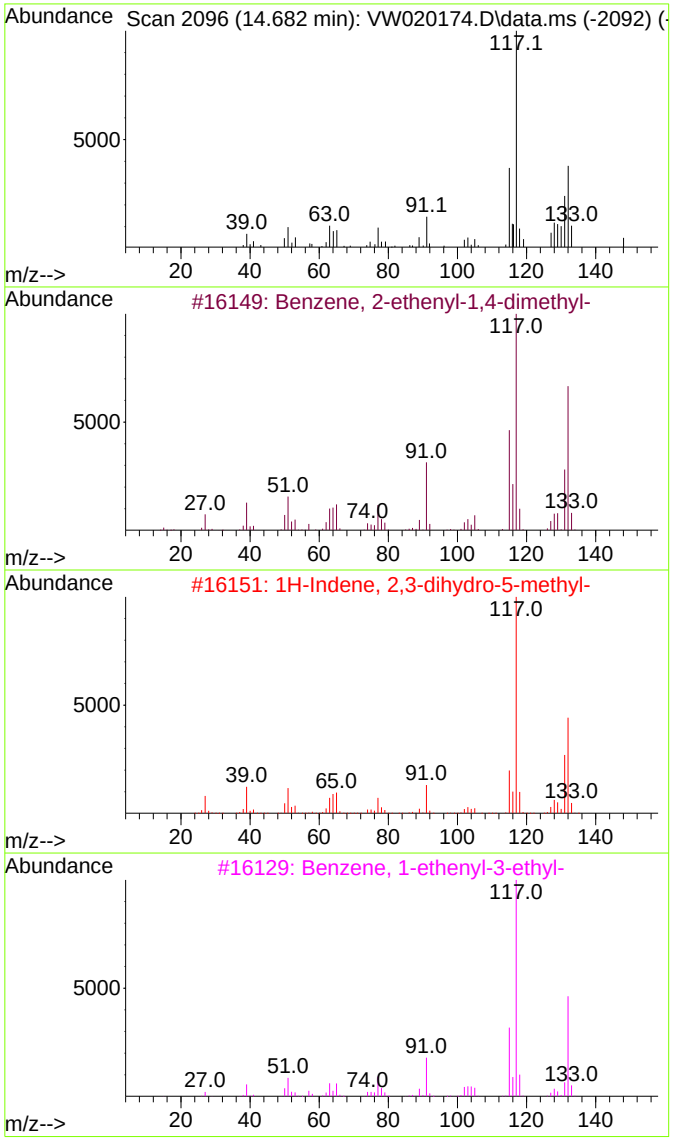
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

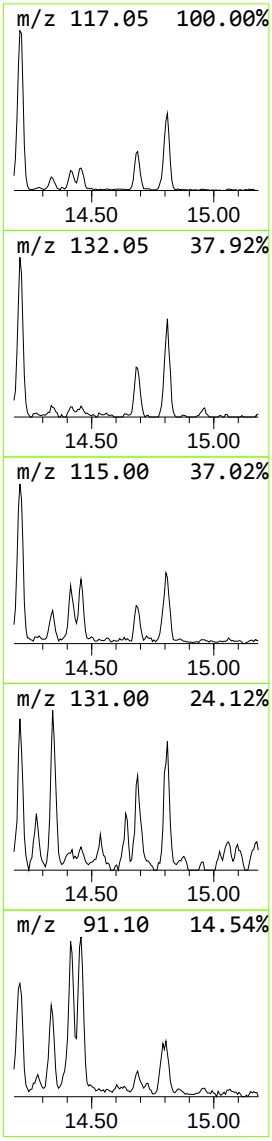
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	2.03 ug/L	36687	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T8

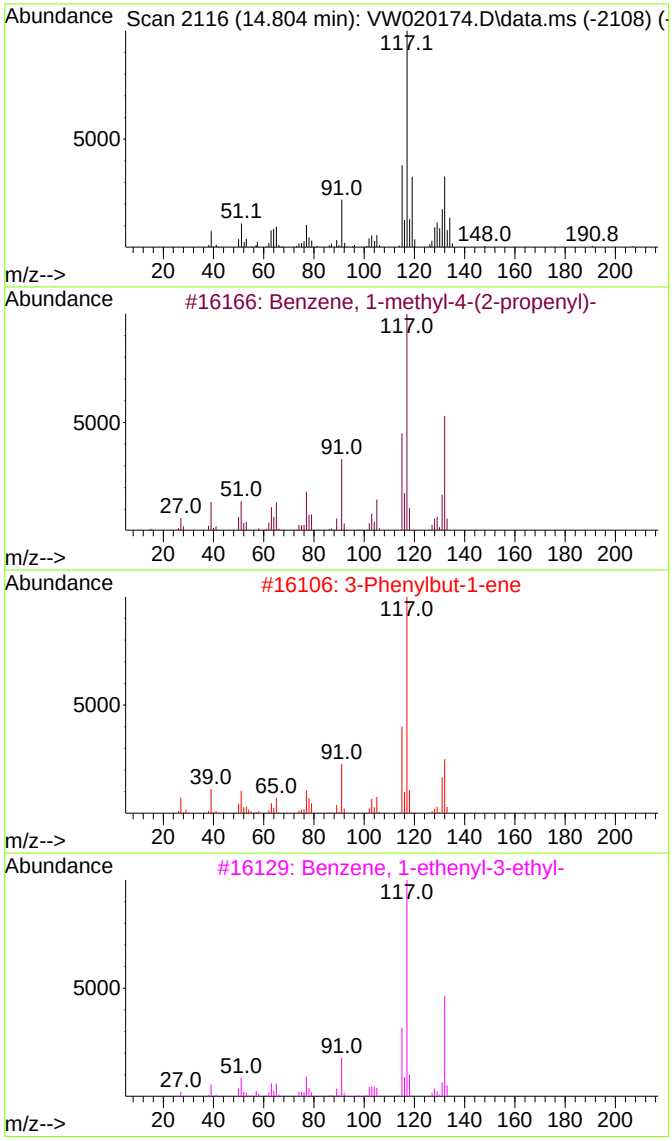
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

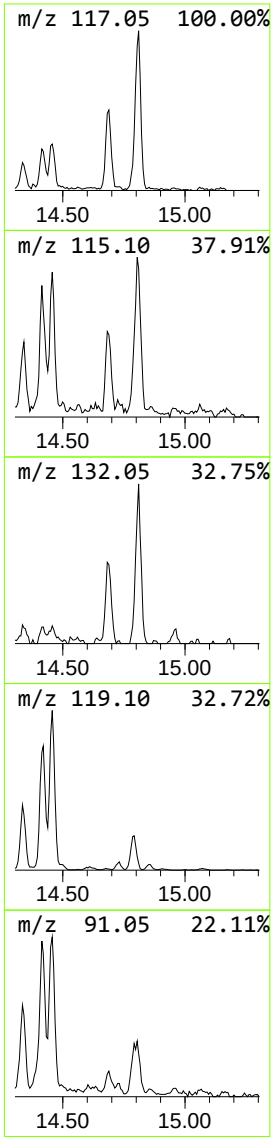
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-methyl-4-(2-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	5.66 ug/L	102285	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	76
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
Data File : VW020174.D
Acq On : 24 Sep 2021 03:47
Operator : SY/VA
Sample : M3874-14
Misc : 4.20g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7T8

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	3.5	ug/L	138530	1	8.848	981146	25.0
(DEL) Alkane: C...	9.756	4.6	ug/L	180134	1	8.848	981146	25.0
(DEL) Alkane: S...	9.902	2.2	ug/L	86624	1	8.848	981146	25.0
(DEL) Alkane: S...	10.085	2.4	ug/L	94447	1	8.848	981146	25.0
(DEL) Alkane: S...	10.128	2.2	ug/L	86950	1	8.848	981146	25.0
(DEL) Alkane: C...	10.244	2.3	ug/L	91806	2	11.634	999713	25.0
(DEL) Alkane: C...	10.451	2.4	ug/L	95734	2	11.634	999713	25.0
(DEL) Alkane: C...	10.500	16.2	ug/L	646778	2	11.634	999713	25.0
(DEL) Alkane: C...	10.664	27.2	ug/L	1088590	2	11.634	999713	25.0
(DEL) Alkane: C...	10.762	13.5	ug/L	541541	2	11.634	999713	25.0
(DEL) Alkane: S...	10.847	3.3	ug/L	132567	2	11.634	999713	25.0
(DEL) Alkane: S...	11.036	4.9	ug/L	194158	2	11.634	999713	25.0
(DEL) Alkane: C...	11.110	5.5	ug/L	218218	2	11.634	999713	25.0
(DEL) Alkane: C...	11.177	36.8	ug/L	1470690	2	11.634	999713	25.0
(DEL) Alkane: C...	11.231	24.2	ug/L	966358	2	11.634	999713	25.0
(DEL) Alkane: C...	11.286	3.4	ug/L	135177	2	11.634	999713	25.0
(DEL) Alkane: C...	11.335	7.3	ug/L	291330	2	11.634	999713	25.0
unknown-01	11.384	1.4	ug/L	54834	2	11.634	999713	25.0
(DEL) Alkane: C...	11.439	12.0	ug/L	478367	2	11.634	999713	25.0
unknown-02	11.561	1.4	ug/L	55506	2	11.634	999713	25.0
Cyclohexene, 1-...	12.042	5.0	ug/L	198165	2	11.634	999713	25.0
(DEL) Alkane: C...	12.140	7.3	ug/L	292185	2	11.634	999713	25.0
1-Methyl-2-meth...	12.201	4.6	ug/L	182745	2	11.634	999713	25.0
(DEL) Alkane: C...	12.298	1.6	ug/L	62697	2	11.634	999713	25.0
9-Octadecyne	12.341	7.0	ug/L	281682	2	11.634	999713	25.0
(DEL) Alkane: C...	12.786	5.4	ug/L	97488	3	13.554	451984	25.0
1,4-Hexadiene, ...	12.859	2.0	ug/L	35891	3	13.554	451984	25.0
Benzene, 1-ethy...	13.103	53.1	ug/L	959909	3	13.554	451984	25.0
Bicyclo[3.3.1]n...	13.176	2.9	ug/L	52694	3	13.554	451984	25.0
Benzene, (2-met...	13.365	4.8	ug/L	86250	3	13.554	451984	25.0
o-Cymene	13.652	2.1	ug/L	37603	3	13.554	451984	25.0
Benzene, 1,4-di...	13.719	2.7	ug/L	48143	3	13.554	451984	25.0
Indane	13.755	65.6	ug/L	1186450	3	13.554	451984	25.0
2-Tolyloxirane	13.798	13.2	ug/L	238623	3	13.554	451984	25.0
Benzene, 1-meth...	13.950	12.4	ug/L	223815	3	13.554	451984	25.0
Benzene, 2-ethy...	14.011	14.3	ug/L	258852	3	13.554	451984	25.0
Benzene, 1-ethy...	14.036	12.6	ug/L	228052	3	13.554	451984	25.0
Benzene, 1-meth...	14.097	20.8	ug/L	376098	3	13.554	451984	25.0
Benzene, (2-met...	14.158	2.4	ug/L	43493	3	13.554	451984	25.0
Cyclopropane, 1...	14.207	8.0	ug/L	145058	3	13.554	451984	25.0
Benzene, 2-ethy...	14.335	4.1	ug/L	73447	3	13.554	451984	25.0
Benzene, 1,2,4,...	14.414	8.8	ug/L	159846	3	13.554	451984	25.0
Benzene, 1,2,3,...	14.456	8.1	ug/L	145849	3	13.554	451984	25.0
Benzene, 2-ethe...	14.682	2.0	ug/L	36687	3	13.554	451984	25.0
Benzene, 1-meth...	14.804	5.7	ug/L	102285	3	13.554	451984	25.0