LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

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\SFAMWLM122821SMA.M
Title : SFAM01.0

Signal : TIC: VW021765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	25	rVB	11864	20235	0.17%	0.042%
2	2.349	65	73	81	rBV	58473	97832	0.82%	0.203%
3	2.501	92	98	109	rBV	23040	48601	0.41%	0.101%
4	2.885	155	161	171	rVB	36632	76520	0.64%	0.158%
5	3.026	179	184	191	rVB5	3492	7474	0.06%	0.015%
6	3.684	286	292	303	rBV4	2873	7322	0.06%	0.015%
7	4.013	334	346	361	rBV	69756	201001	1.68%	0.416%
8	4.160	361	370	387	rVB	9395	35209	0.29%	0.073%
9	4.385	396	407	417	rVB3	2801	8723	0.07%	0.018%
10	4.922	482	495	512	rBV6	10989	51104	0.43%	0.106%
11	5.434	570	579	591	rBV4	4006	14065	0.12%	0.029%
12	5.787	627	637	650	rBV5	3246	11544	0.10%	0.024%
13	5.940	653	662	673	rVB2	12183	37043	0.31%	0.077%
14	6.903	807	820	827	rVV4	8681	29771	0.25%	0.062%
15	6.982	830	833	843	rVB5	3597	8699	0.07%	0.018%
16	7.092	843	851	857	rBV	12009	33965	0.28%	0.070%
17	7.171	857	864	874	rVB2	35624	99482	0.83%	0.206%
18	7.653	932	943	956	rBV	96132	241287	2.01%	0.500%
19	7.927	978	988	1000	rBV2	20582	58008	0.48%	0.120%
20	8.031	1000	1005	1016	rVB2	6803	16865	0.14%	0.035%
21	8.159	1016	1026	1033	rBV2	22130	52132	0.44%	0.108%
22	8.275	1035	1045	1062	rVV3	186274	674451	5.63%	1.397%
23	8.433	1063	1071	1072	rVV7	6789	15273	0.13%	0.032%
24	8.476	1074	1078	1088	rVV2	17576	51443	0.43%	0.107%
25	8.573	1090	1094	1103	rVB6	5642	14331	0.12%	0.030%
26	8.695	1105	1114	1127	rVB2	33827	73449	0.61%	0.152%
27	8.842	1127	1138	1150	rBV	233944	466796	3.90%	0.967%
28	9.067	1168	1175	1184	rBV3	17858	44230	0.37%	0.092%
29	9.275	1201	1209	1215	rBV	122343	266131	2.22%	0.551%
30	9.390	1224	1228	1237	rVB5	9192	27344	0.23%	0.057%
31	9.518	1244	1249	1254	rVB2	4188	7751	0.06%	0.016%
32	9.610	1254	1264	1269	rBV5	3382	8665	0.07%	0.018%
33	9.756	1281	1288	1298	rBV2	17035	36465	0.30%	0.076%
34	9.896	1300	1311	1316	rBV2	20831	45293	0.38%	0.094%
35	9.957	1316	1321	1325	rBV2	17659	32781	0.27%	0.068%
36	10.037	1329	1334	1339	rVV	61183	106124	0.89%	0.220%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

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\SFAMWLM122821SMA.M
Title : SFAM01.0

37	10.098	1339	1344	1355	rVB	23725	53719	0.45%	0.111%
38	10.213	1355	1363	1365	rBV4	7570	14969	0.12%	0.031%
39	10.323	1374	1381	1386	rBV	313390	561217	4.68%	1.162%
40	10.384	1386	1391	1400	rVV	695925	1253401	10.46%	2.596%
41	10.506	1404	1411	1416	rVB4	16913	35736	0.30%	0.074%
42	10.579	1417	1423	1432	rBV	43291	77228	0.64%	0.160%
43	10.665	1432	1437	1445	rBV3	17099	36184	0.30%	0.075%
44	10.762	1446	1453	1458	rBV4	16539	36080	0.30%	0.075%
45	10.847	1463	1467	1472	rVB3	16369	29000	0.24%	0.060%
46	10.927	1473	1480	1487	rBV2	75275	156558	1.31%	0.324%
47	10.994	1488	1491	1494	rBV2	14156	22245	0.19%	0.046%
48	11.183	1518	1522	1526	rVB4	24983	38270	0.32%	0.079%
49	11.225	1526	1529	1533	rBV2	17330	24891	0.21%	0.052%
50	11.335	1543	1547	1551	rBV3	33716	56091	0.47%	0.116%
51	11.408	1555	1559	1570	rVB3	106262	245738	2.05%	0.509%
52	11.512	1570	1576	1582	rBV	107971	179879	1.50%	0.373%
53	11.628	1589	1595	1604	rVB	326106	596733	4.98%	1.236%
54	11.731	1605	1612	1620	rVB	726612	1205334	10.06%	2.496%
55	11.835	1621	1629	1639	rBV	1696644	3305887	27.60%	6.846%
56	11.914	1640	1642	1647	rVB	41135	54499	0.45%	0.113%
57	11.975	1648	1652	1653	rBV3	8511	10171	0.08%	0.021%
58	12.061	1661	1666	1671	rVB3	44027	78817	0.66%	0.163%
59	12.164	1671	1683	1690	rBV	777764	1549879	12.94%	3.210%
60	12.250	1693	1697	1702	rVB	115952	177529	1.48%	0.368%
61	12.335	1702	1711	1713	rBV4	95815	240033	2.00%	0.497%
62	12.463	1726	1732	1736	rBV	338517	590045	4.93%	1.222%
63	12.646	1759	1762	1765	rBV	59055	70396	0.59%	0.146%
64	12.695	1766	1770	1775	rVB2	115632	182799	1.53%	0.379%
65	12.804	1780	1788	1792	rVB	499511	864555	7.22%	1.790%
66	12.865	1792	1798	1800	rBV	441938	700622	5.85%	1.451%
67	12.896	1800	1803	1807	rVV	615175	1054224	8.80%	2.183%
68	12.939	1807	1810	1815	rVV	797706	1254866	10.47%	2.599%
69	12.987	1816	1818	1824	rVB	103463	142875	1.19%	0.296%
70	13.103	1829	1837	1843	rBV	436407	928080	7.75%	1.922%
71	13.164	1843	1847	1850	rBV	118155	150089	1.25%	0.311%
72	13.249	1855	1861	1866	rBV	3487128	5179557	43.24%	10.726%
73	13.438	1888	1892	1896	rBV3	208200	331784	2.77%	0.687%
74	13.487	1897	1900	1907	rVB3	131828	240648	2.01%	0.498%
75	13.560	1907	1912	1913	rBV	305338	463914	3.87%	0.961%
76	13.585	1913	1916	1925	rVB	538811	842811	7.04%	1.745%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

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\SFAMWLM122821SMA.M
Title : SFAM01.0

77	13.713	1933	1937	1940	rBV	125598	199956	1.67%	0.414%
78	13.755	1940	1944	1947	rVV2	238137	352714	2.94%	0.730%
79	13.798	1947	1951	1956	rVV3	149076	241281	2.01%	0.500%
80	13.871	1957	1963	1968	rVB4	256643	646160	5.39%	1.338%
81	13.944	1971	1975	1981	rVB2	177965	264104	2.20%	0.547%
82	14.005	1981	1985	1987	rBV	238805	328016	2.74%	0.679%
83	14.091	1995	1999	2005	rVB	410700	608820	5.08%	1.261%
84	14.200	2012	2017	2022	rVB2	261951	417910	3.49%	0.865%
85	14.249	2022	2025	2033	rVB5	47440	111895	0.93%	0.232%
86	14.335	2034	2039	2043	rVV2	146052	249012	2.08%	0.516%
87	14.383	2043	2047	2048	rVV2	111896	139862	1.17%	0.290%
88	14.414	2048	2052	2055	rVV	360478	567928	4.74%	1.176%
89	14.450	2055	2058	2062	rVV	359910	535537	4.47%	1.109%
90	14.493	2062	2065	2069	rVB2	91792	123384	1.03%	0.256%
91	14.682	2092	2096	2100	rBV2	116545	196903	1.64%	0.408%
92	14.725	2100	2103	2108	rVB	108182	152187	1.27%	0.315%
93	14.792	2108	2114	2120	rBV2	312964	764241	6.38%	1.583%
94	14.950	2136	2140	2146	rBV2	85562	139203	1.16%	0.288%
95	15.060	2154	2158	2166	rBV2	133460	290728	2.43%	0.602%
96	15.359	2196	2207	2215	rBV	6990124	11979847	100.00%	24.809%
97	15.462	2219	2224	2230	rBV2	99177	174343	1.46%	0.361%
98	15.651	2250	2255	2261	rVB3	73503	143974	1.20%	0.298%
99	16.438	2376	2384	2398	rVB	947692	2119879	17.70%	4.390%
100	16.639	2409	2417	2430	rVB	635241	1474967	12.31%	3.055%

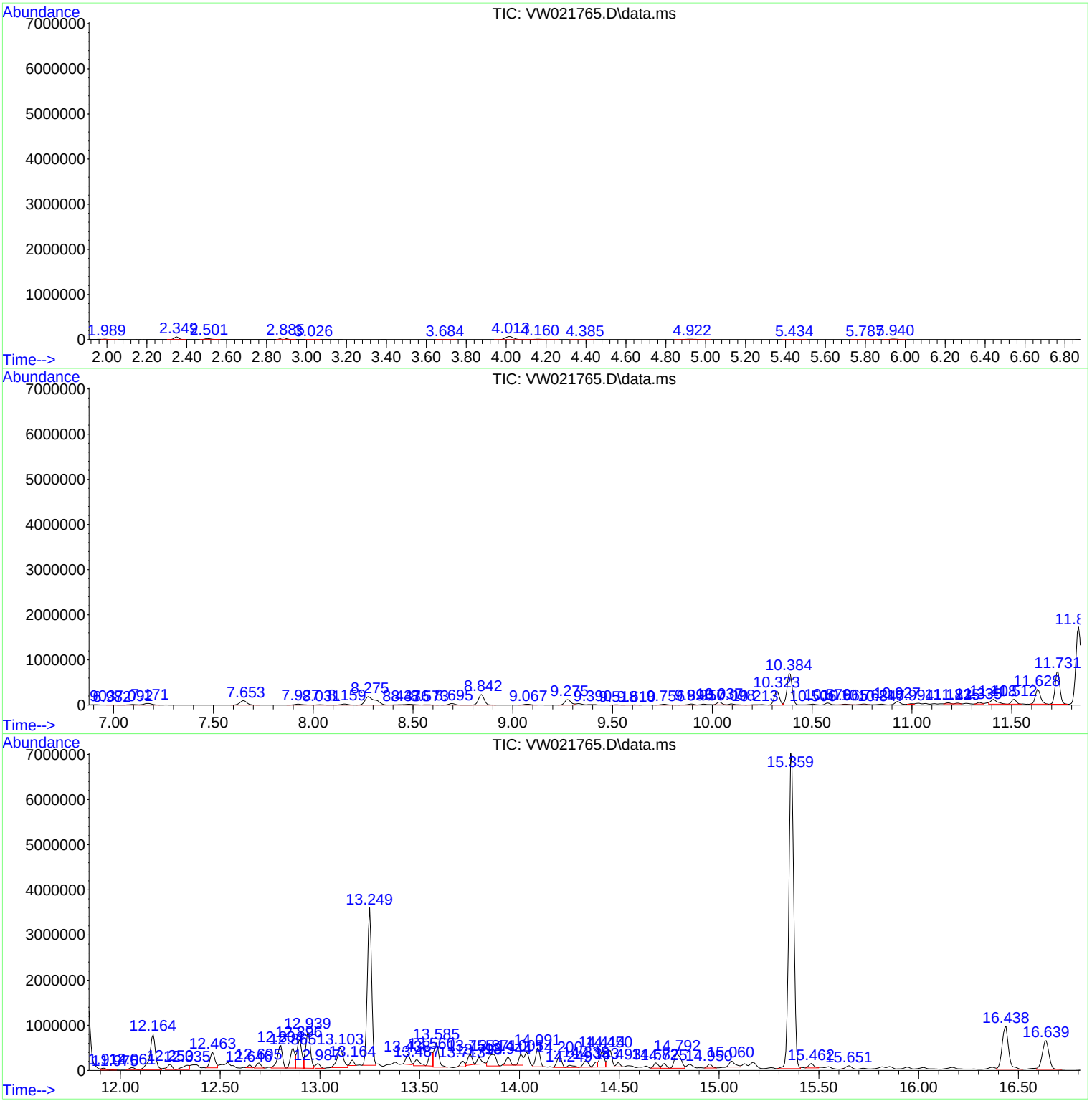
Sum of corrected areas: 48287613

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

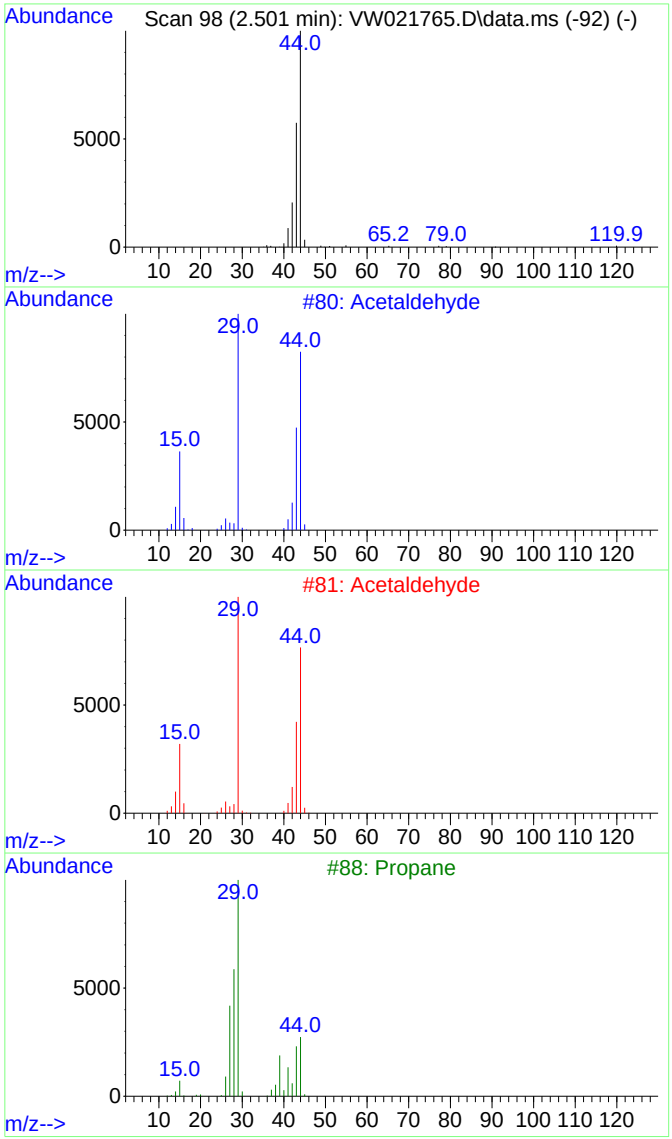
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

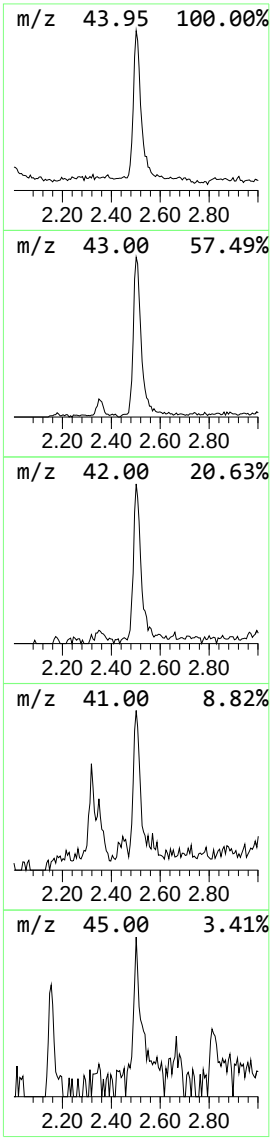
****

Peak Number 1 Acetaldehyde Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	2.60 ug/L	48601	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Acetaldehyde	44	C2H4O	000075-07-0	64
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

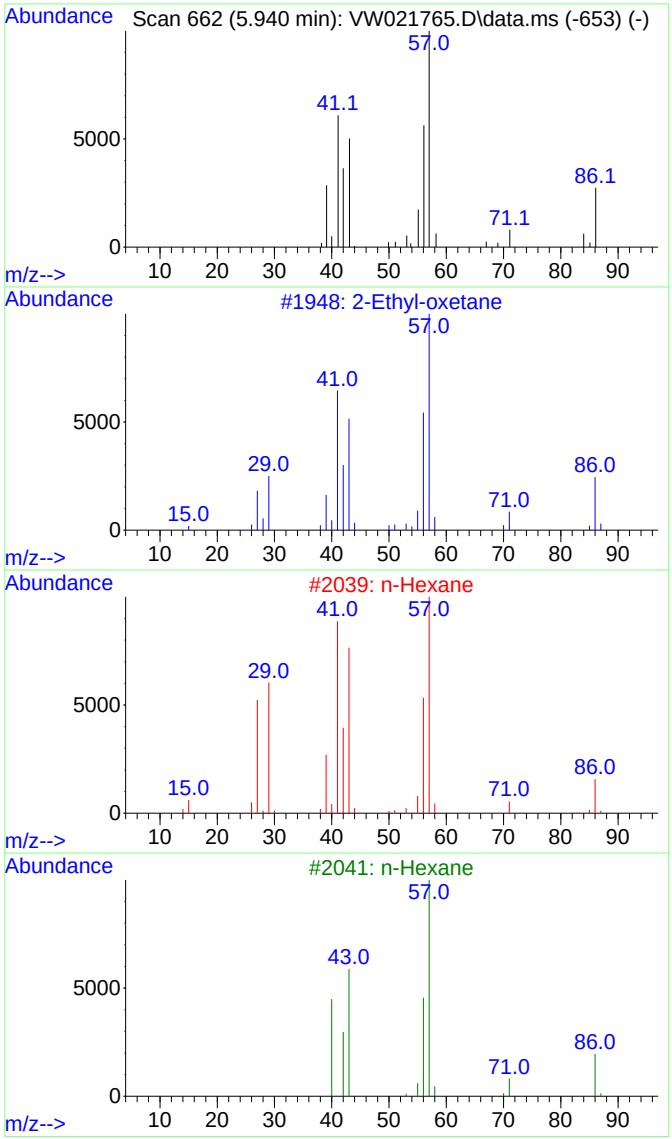
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

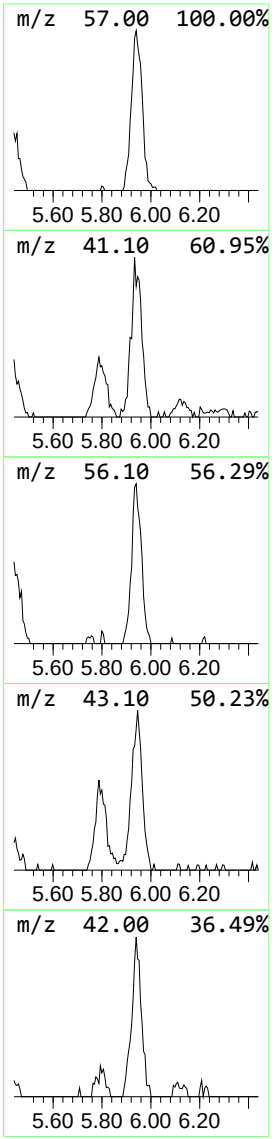
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Ethyl-oxetane Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	1.98 ug/L	37043	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	42
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

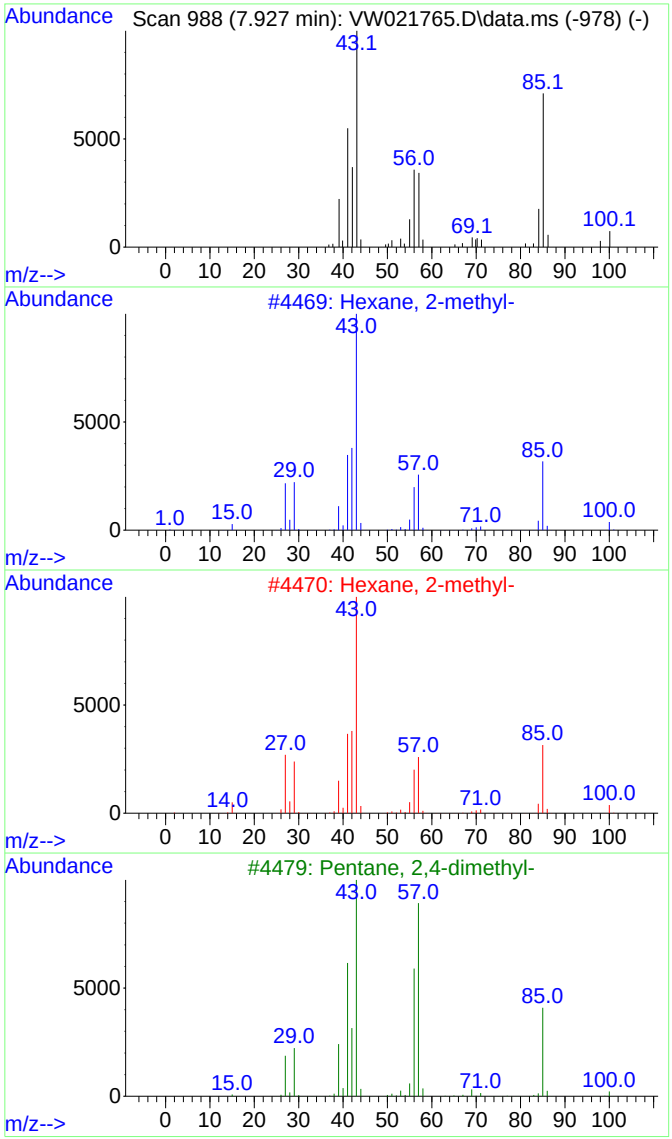
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

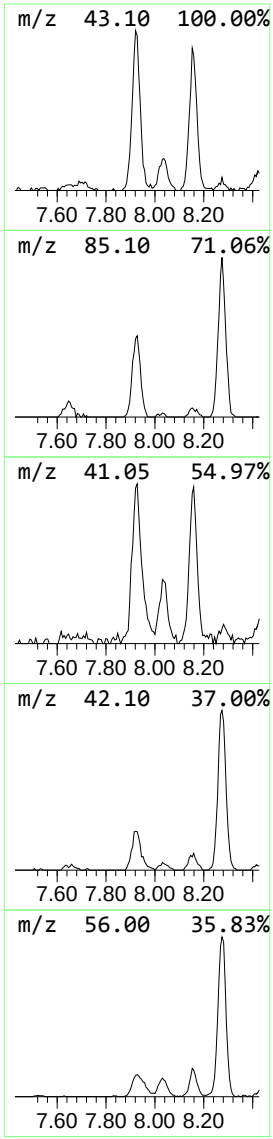
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.927	3.11 ug/L	58008	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

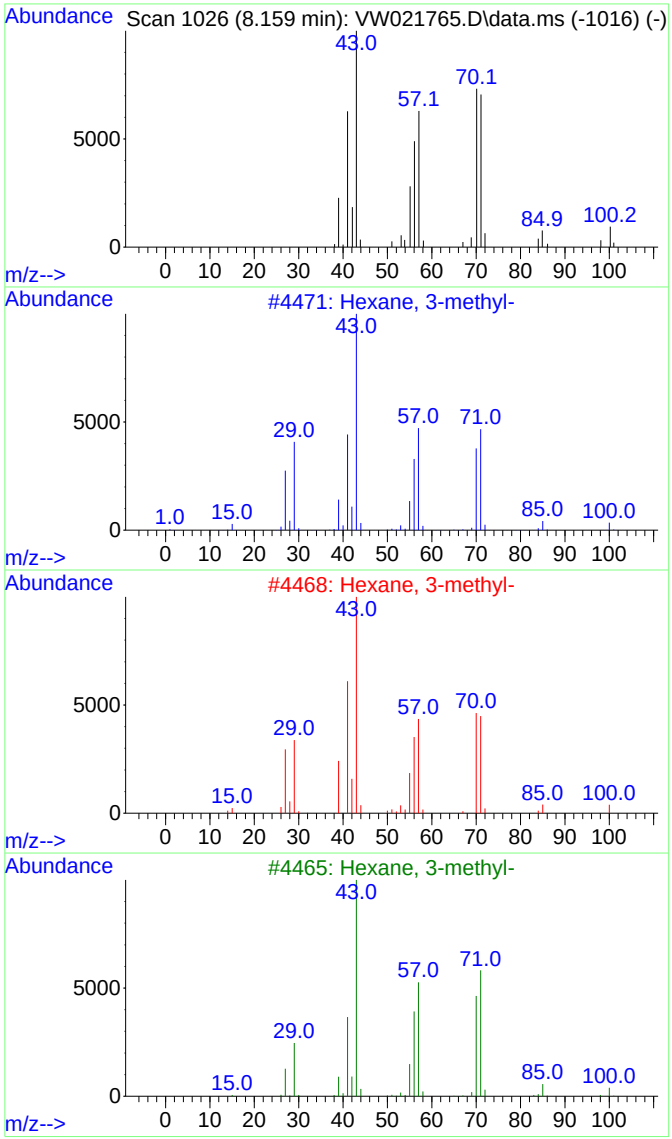
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

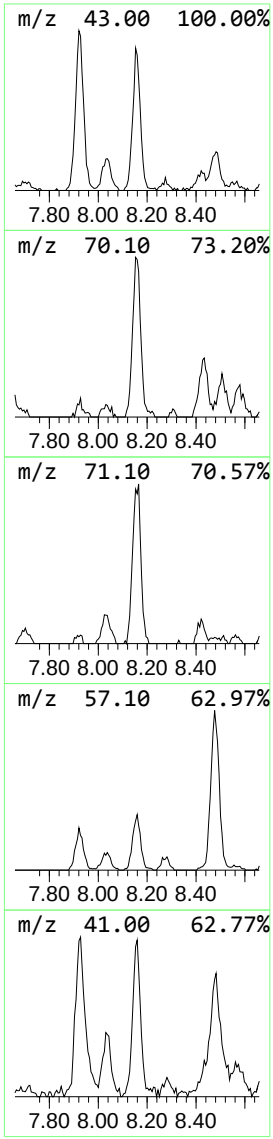
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	2.79 ug/L	52132	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

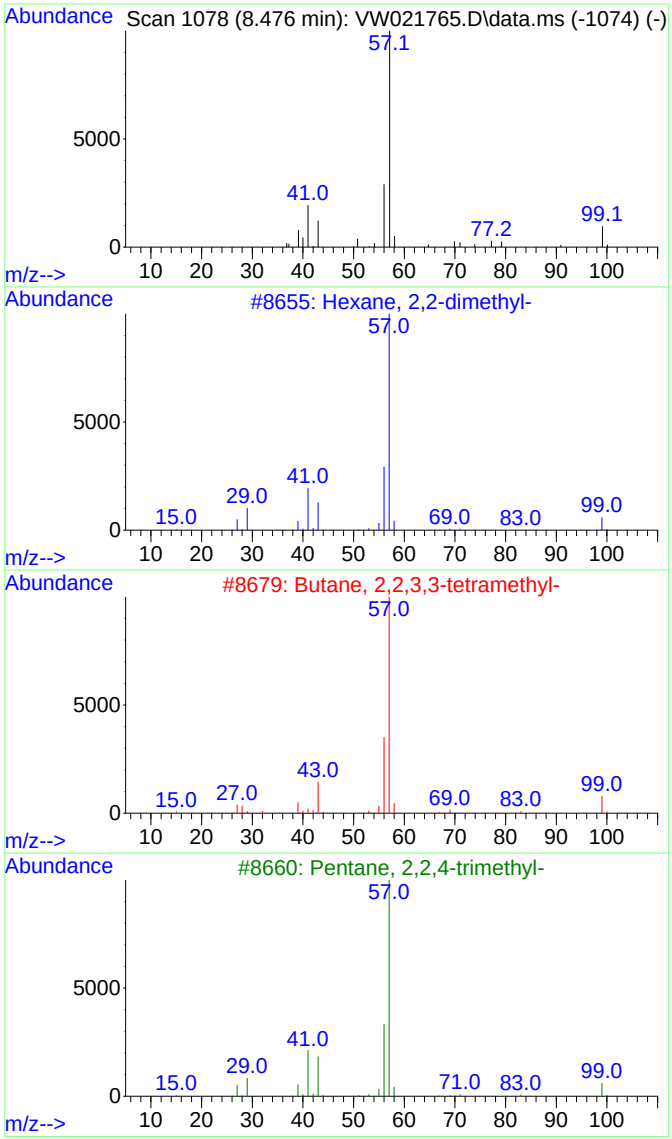
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

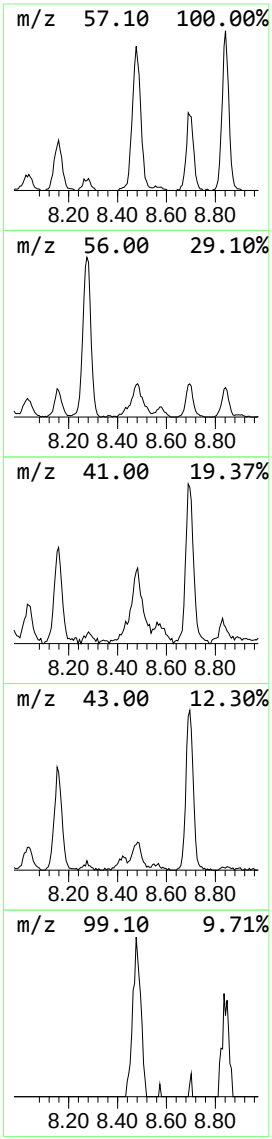
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	2.76 ug/L	51443	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	38
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	38
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	38
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	36
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

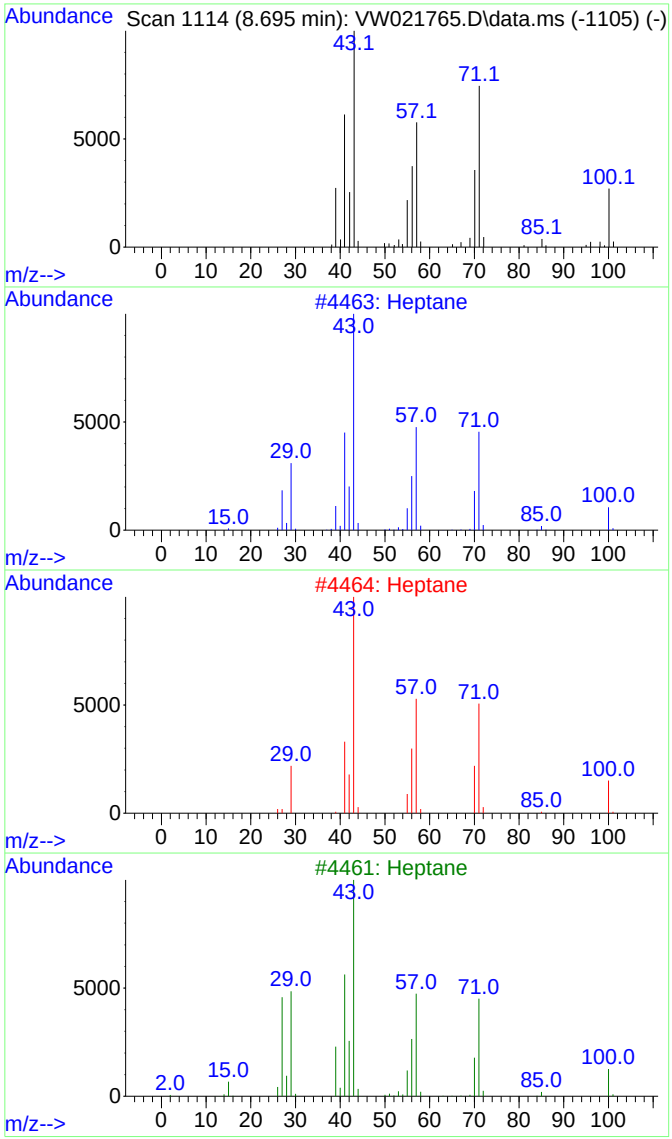
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

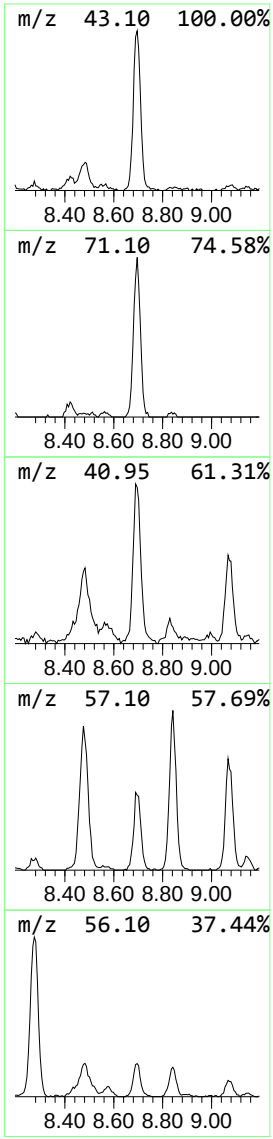
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	3.93 ug/L	73449	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	53
4	Heptane	100	C7H16	000142-82-5	50
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

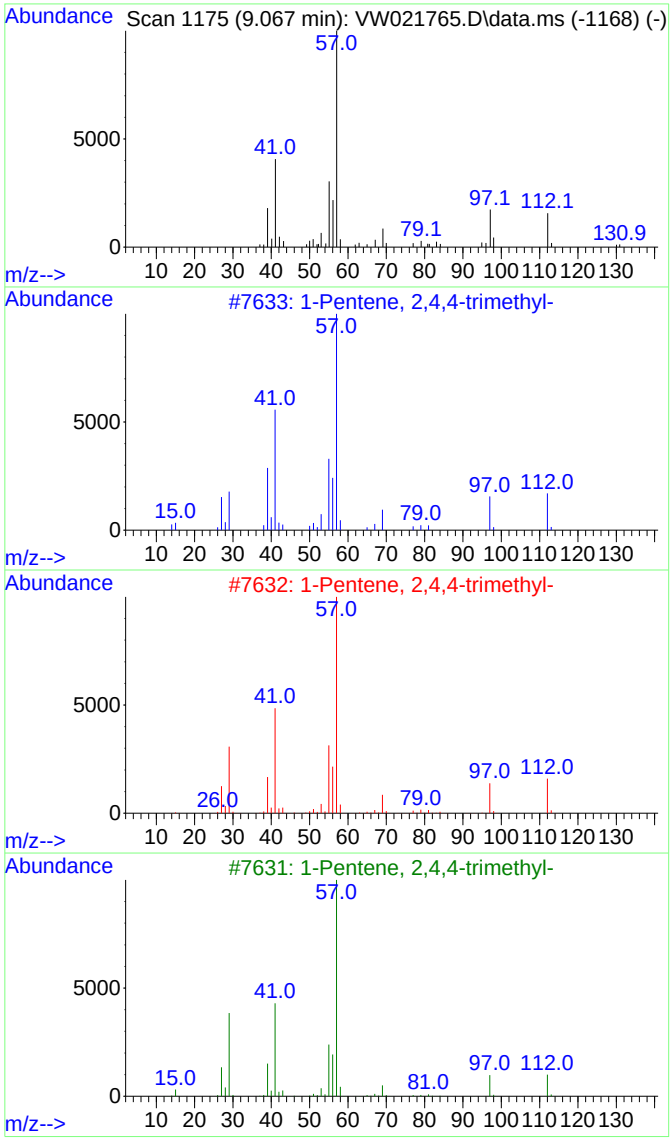
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

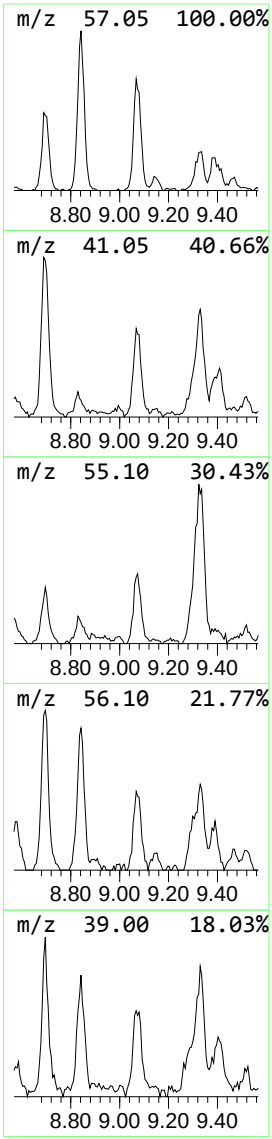
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.067	2.37 ug/L	44230	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	52
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

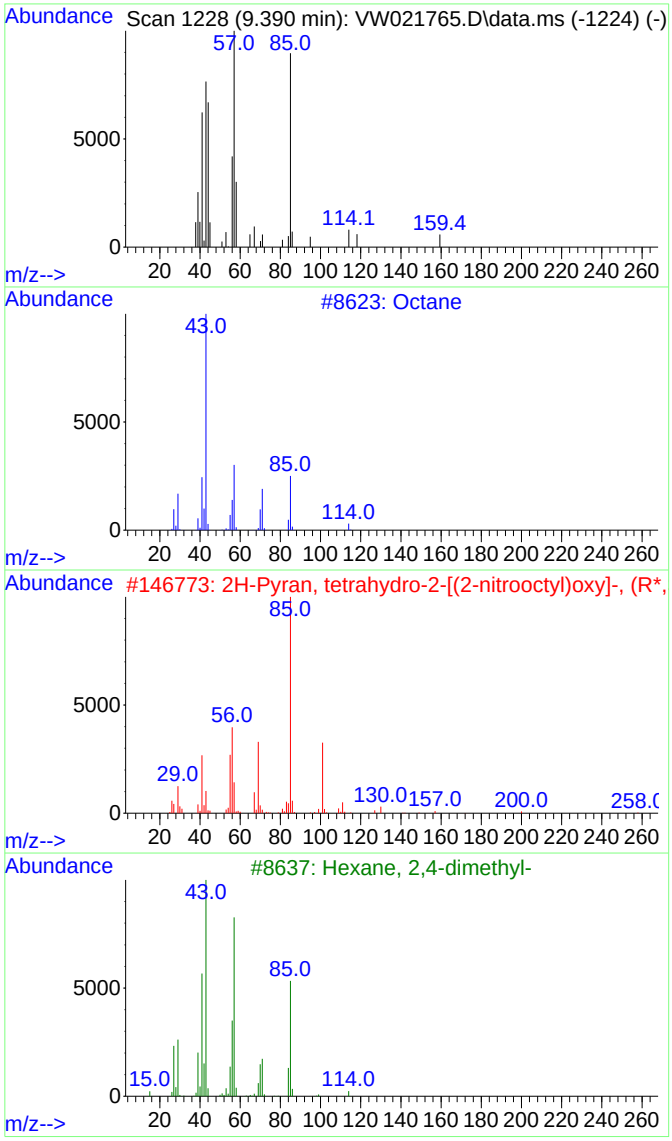
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

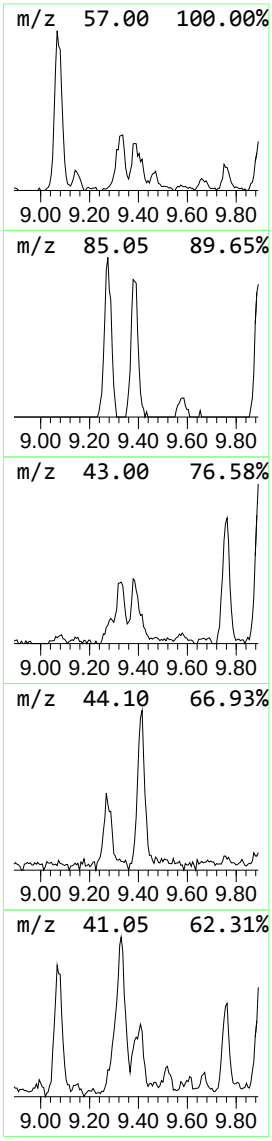
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.390	1.46 ug/L	27344	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	53
2	2H-Pyran, tetrahydro-2-[(2-nitro...	259	C13H25NO4	1000188-29-8	47
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	40
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	40
5	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

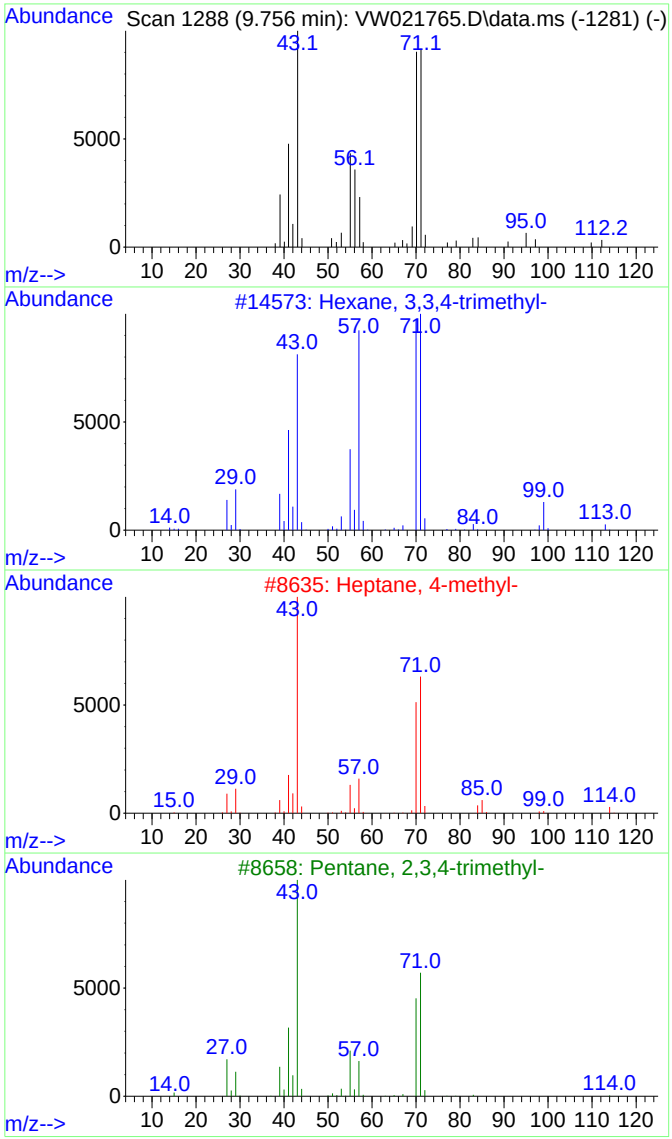
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

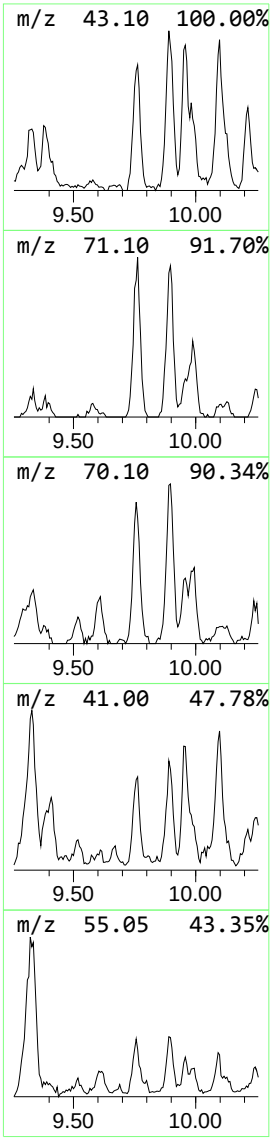
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	1.95 ug/L	36465	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	50
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

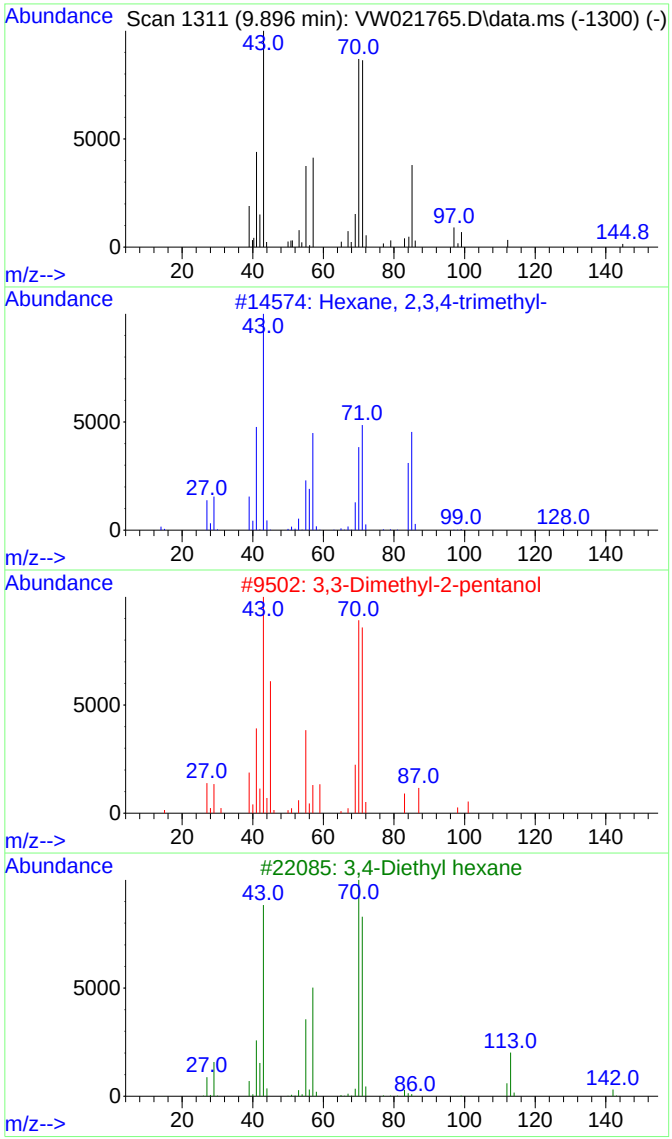
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

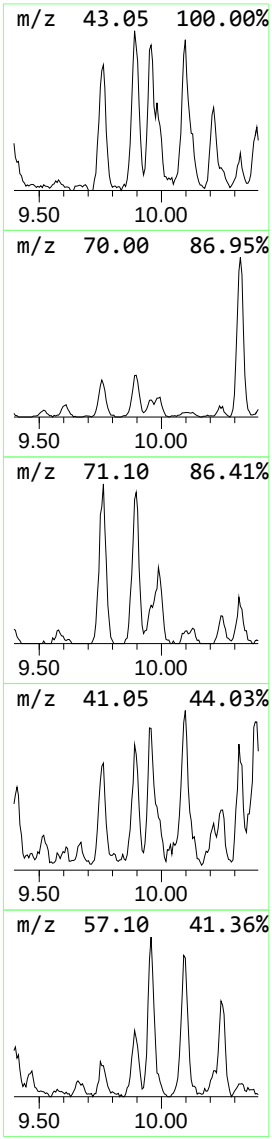
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.43 ug/L	45293	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
3	3,4-Diethyl hexane	142	C10H22	019398-77-7	59
4	Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	59
5	Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

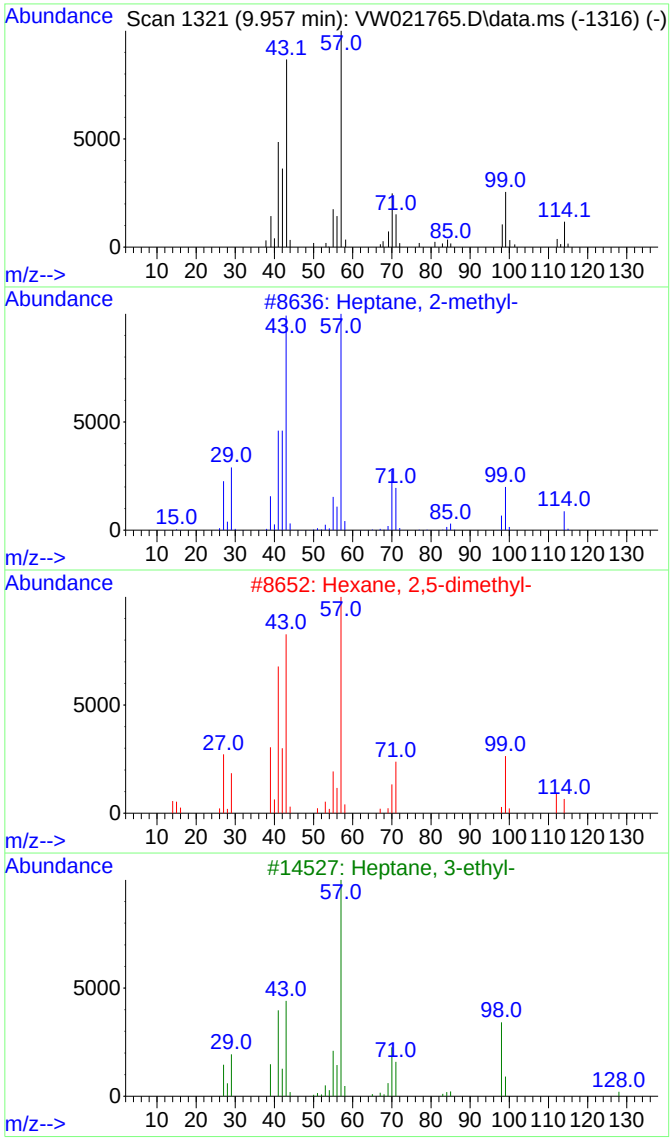
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

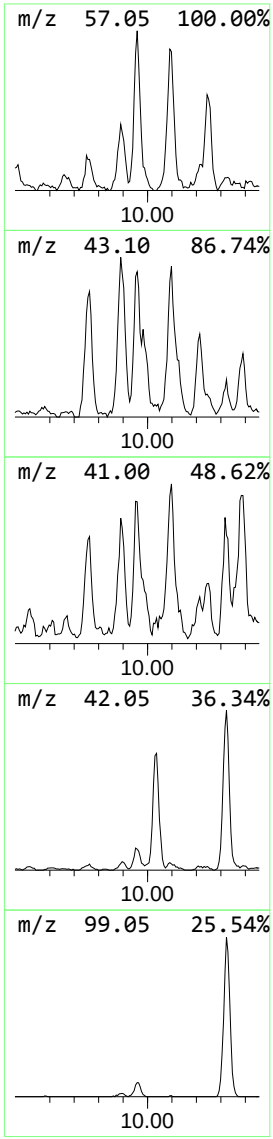
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	1.76 ug/L	32781	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	80
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

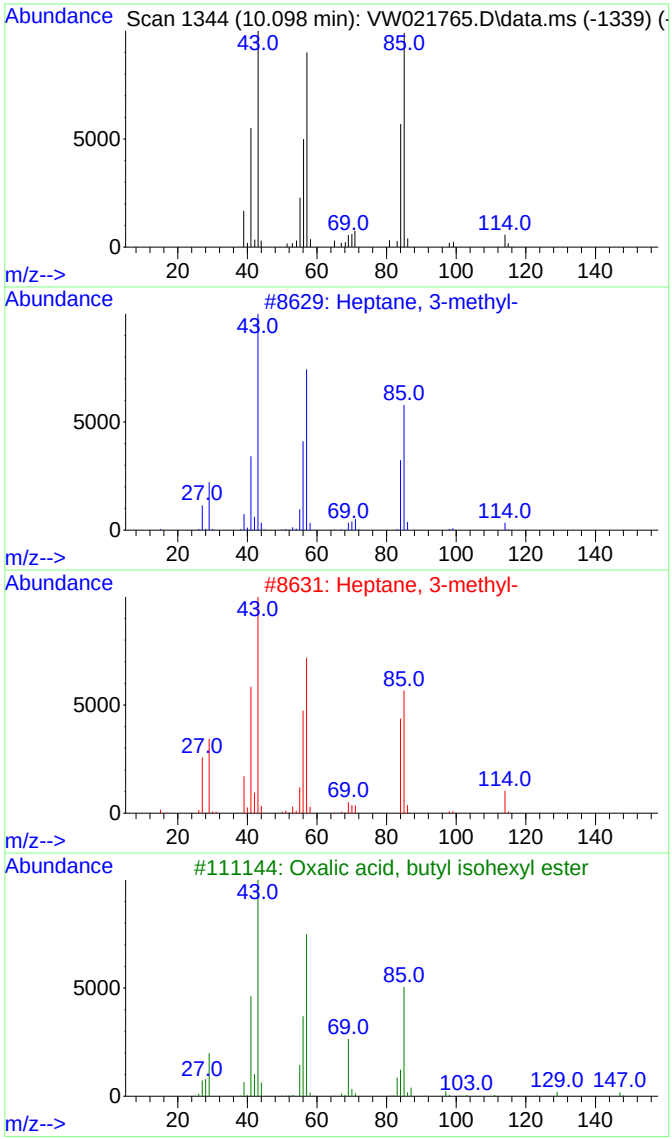
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

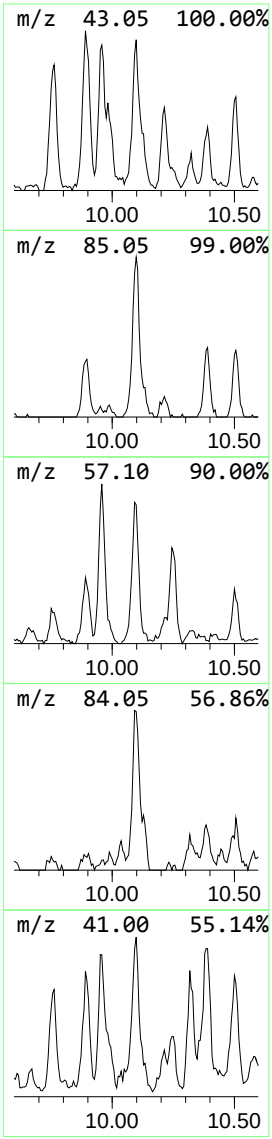
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	2.88 ug/L	53719	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	56
4	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	56
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

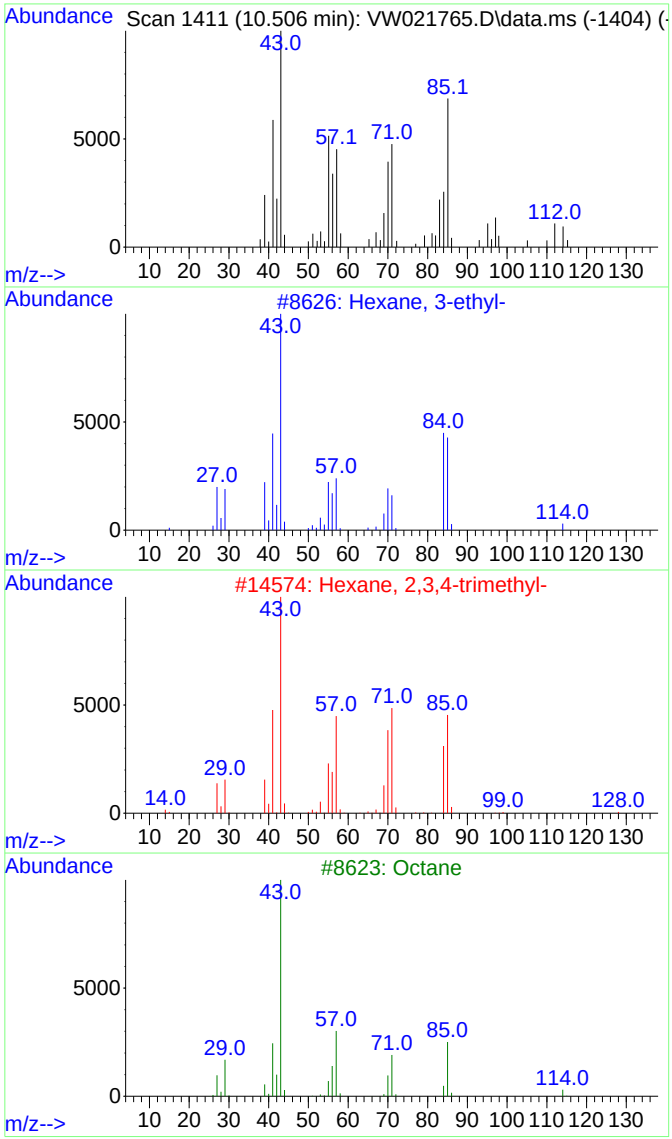
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

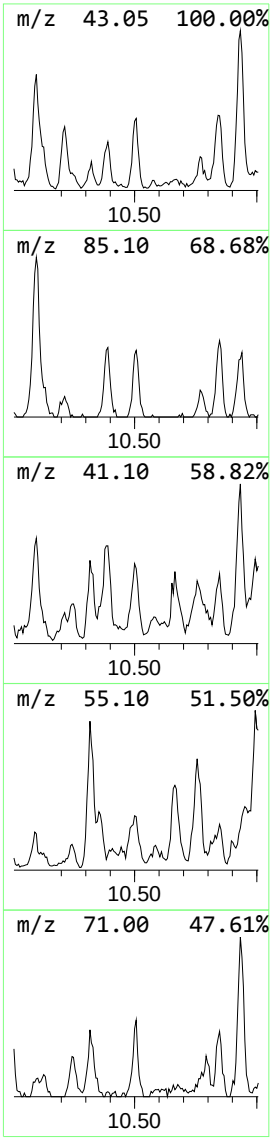
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	1.50 ug/L	35736	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	49
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49
3	Octane	114	C8H18	000111-65-9	49
4	Octane	114	C8H18	000111-65-9	43
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

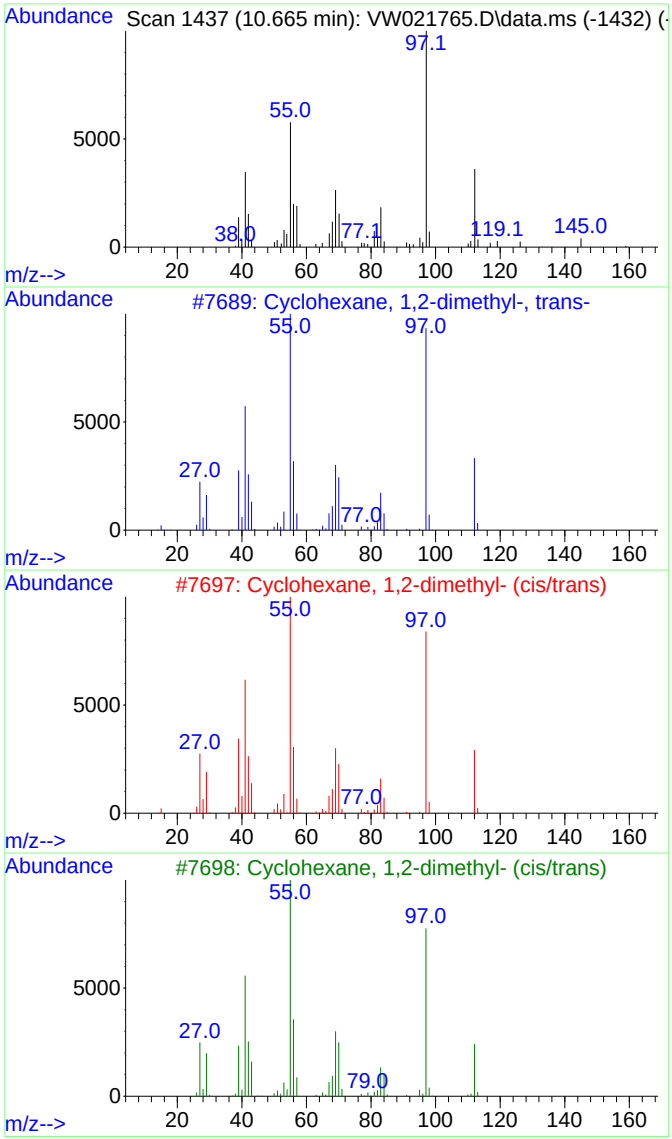
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

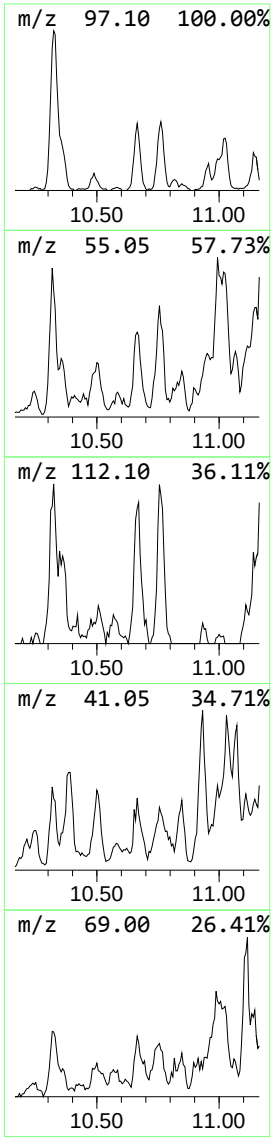
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.665 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	1.52 ug/L	36184	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

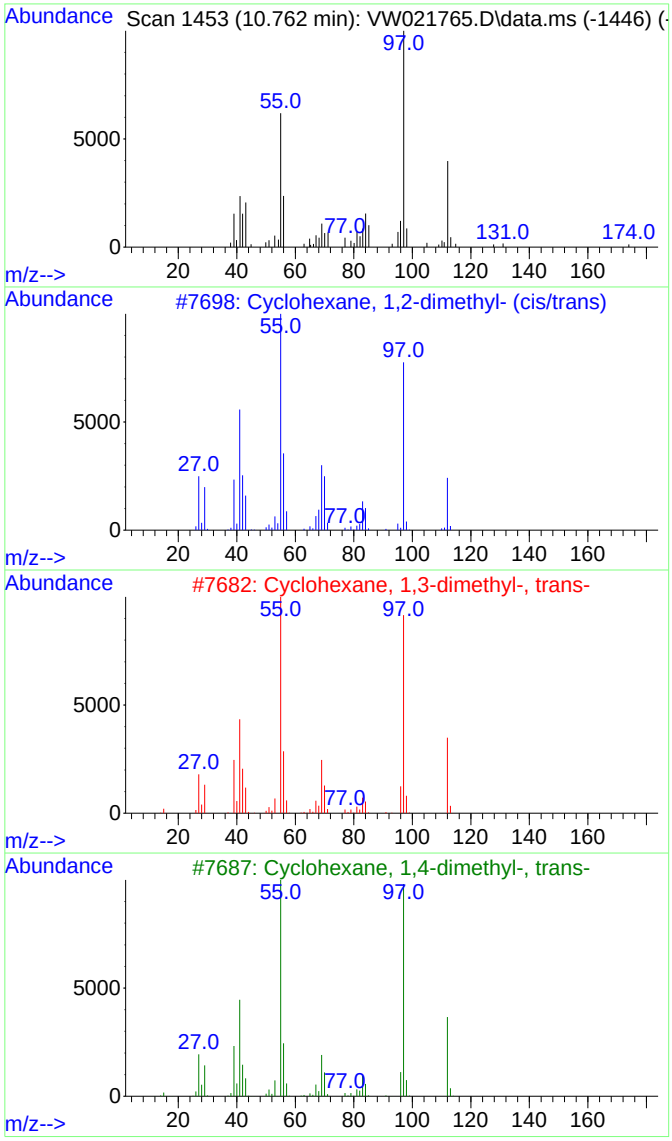
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

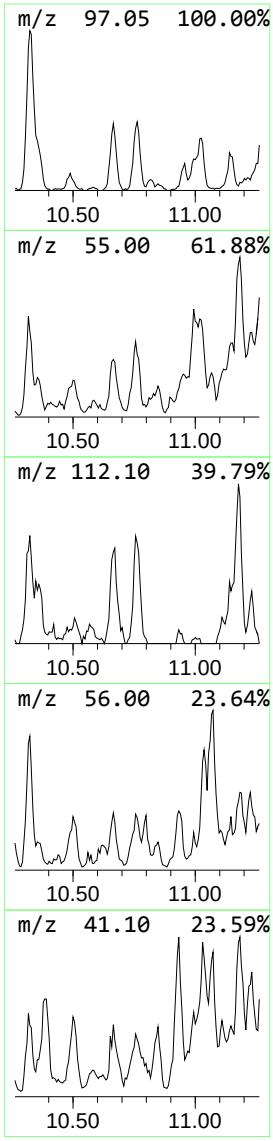
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.762 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	1.51 ug/L	36080	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

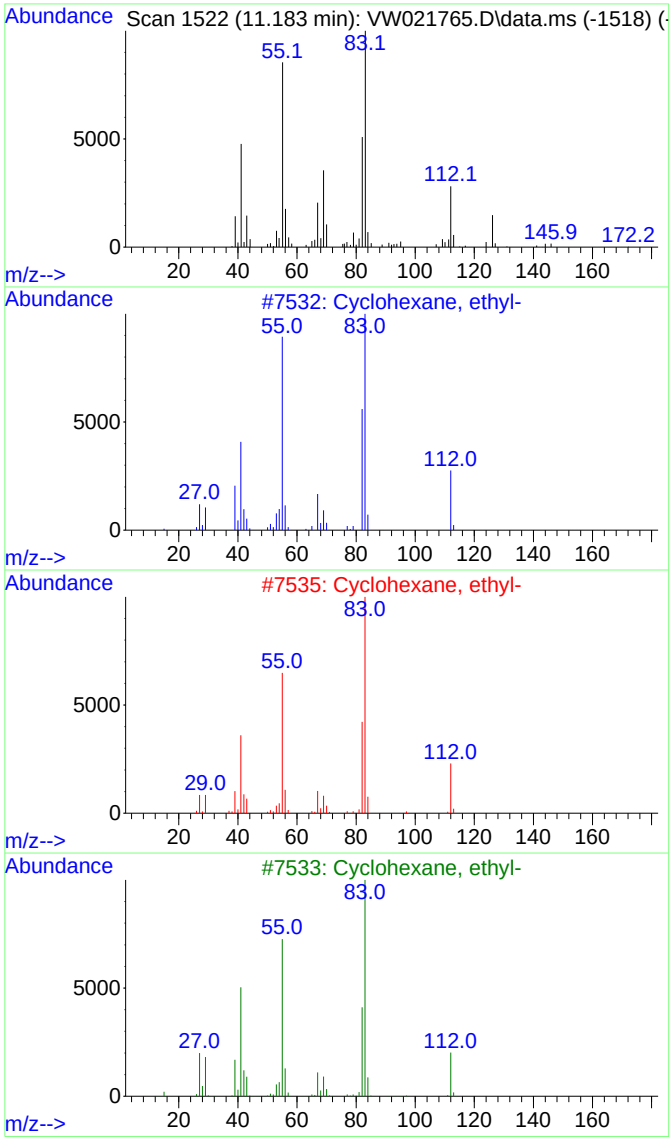
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

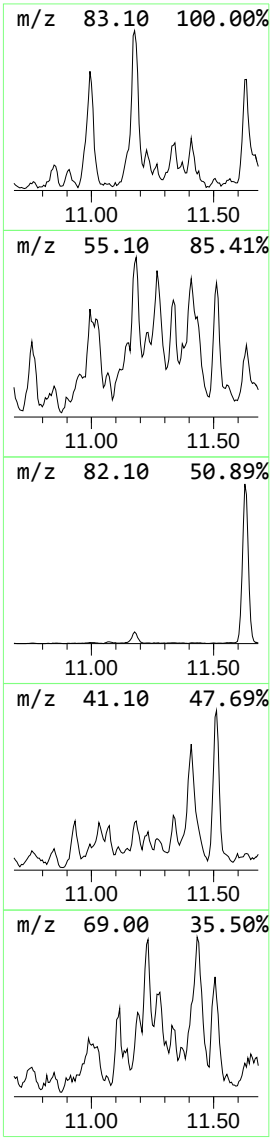
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic11.183 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	1.60 ug/L	38270	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

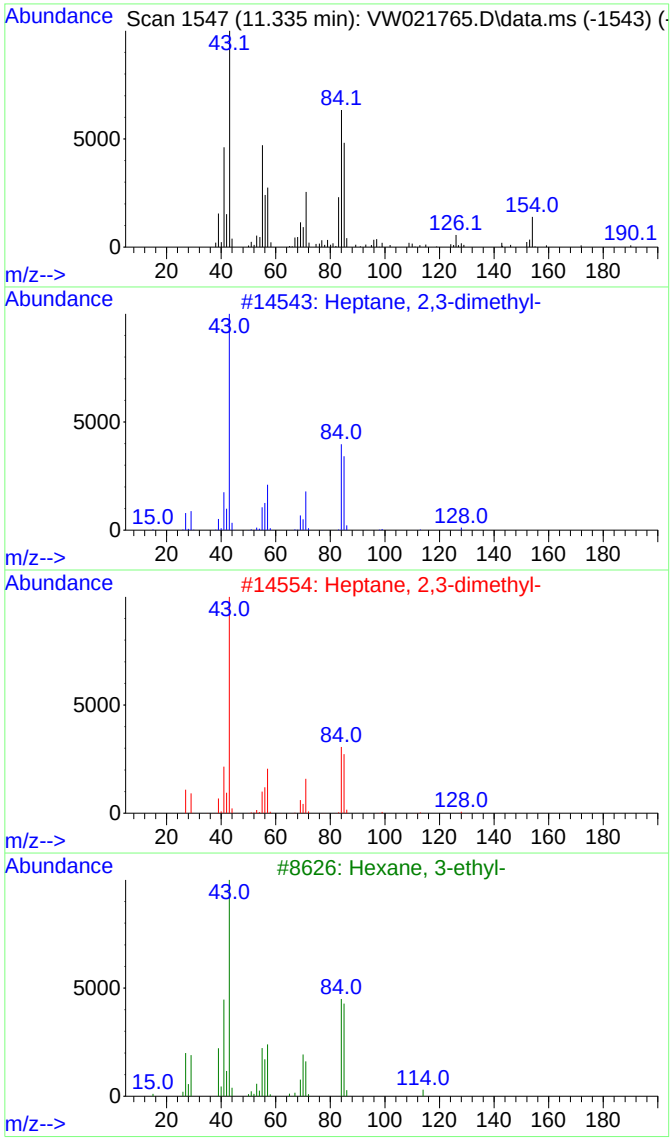
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

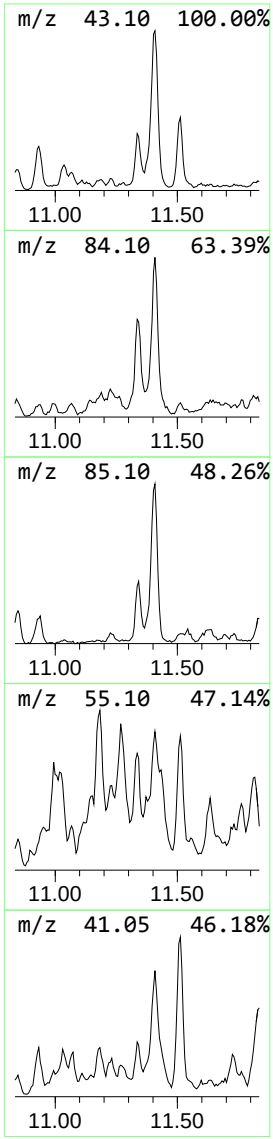
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	2.35 ug/L	56091	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	70
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	62
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	52
5	1-Octene, 4-methyl-	126	C9H18	013151-12-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

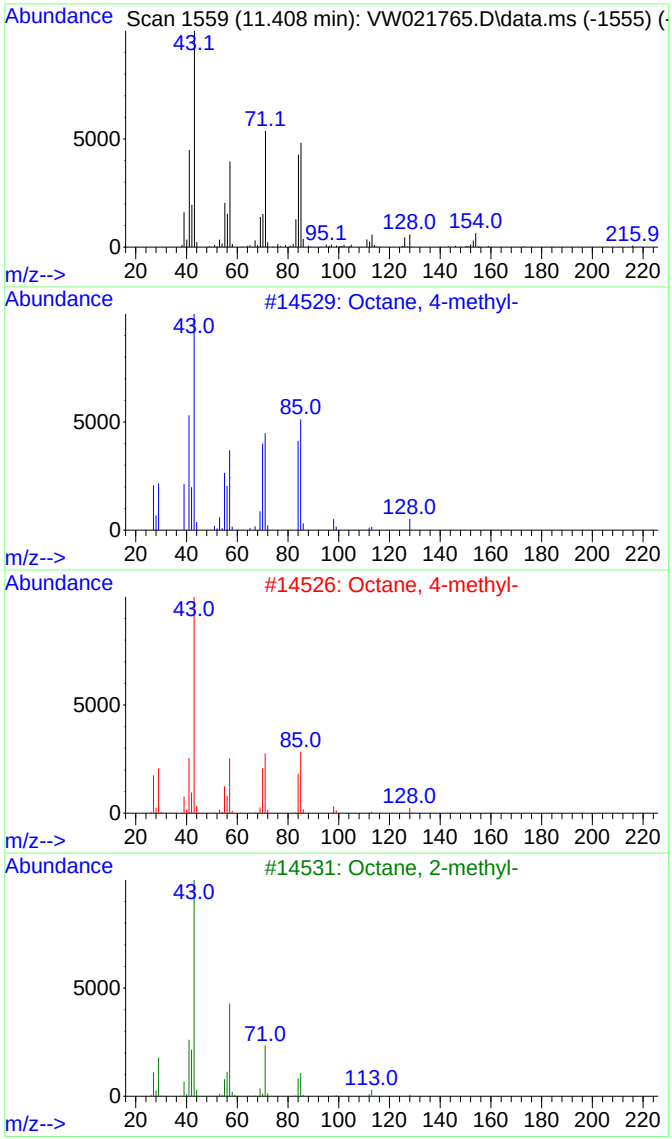
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

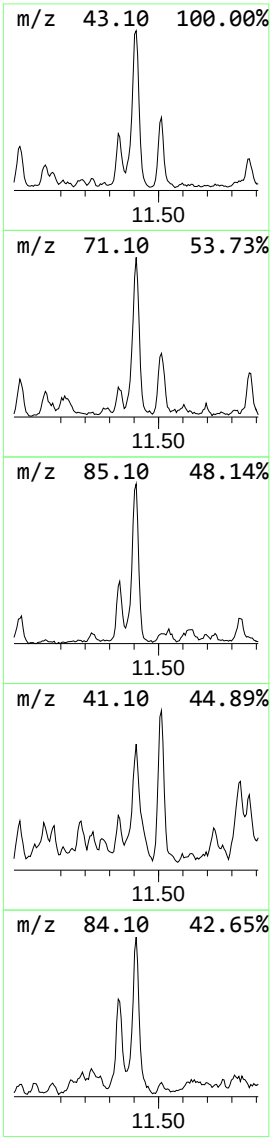
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	10.30 ug/L	245738	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	86
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	50
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

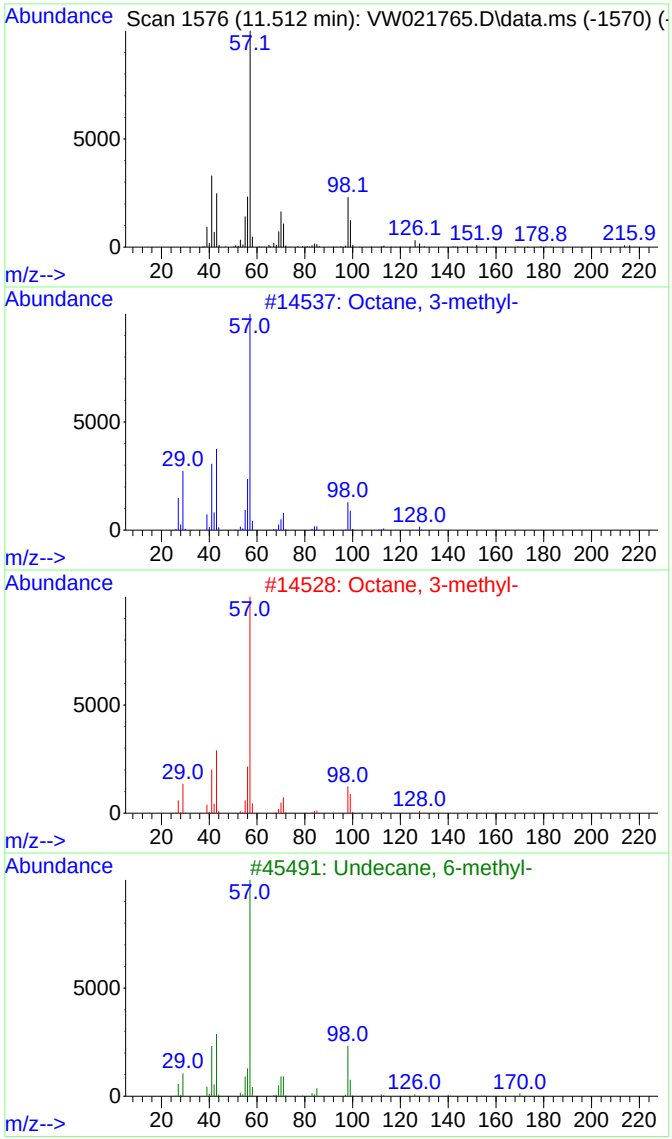
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

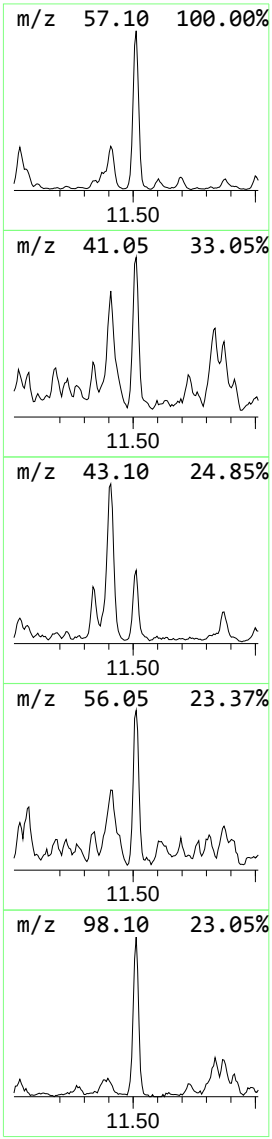
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	7.54 ug/L	179879	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	64
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

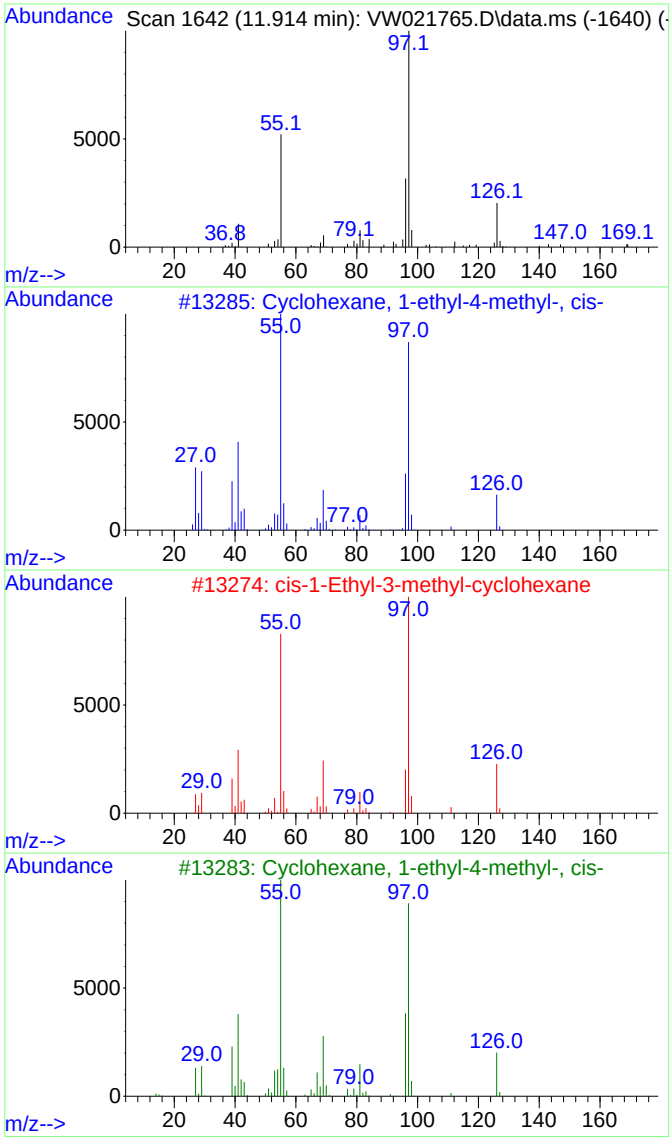
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

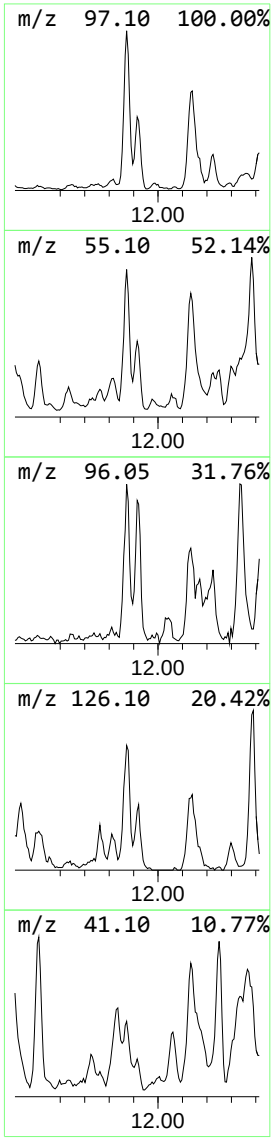
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.914 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	2.28 ug/L	54499	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
5	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

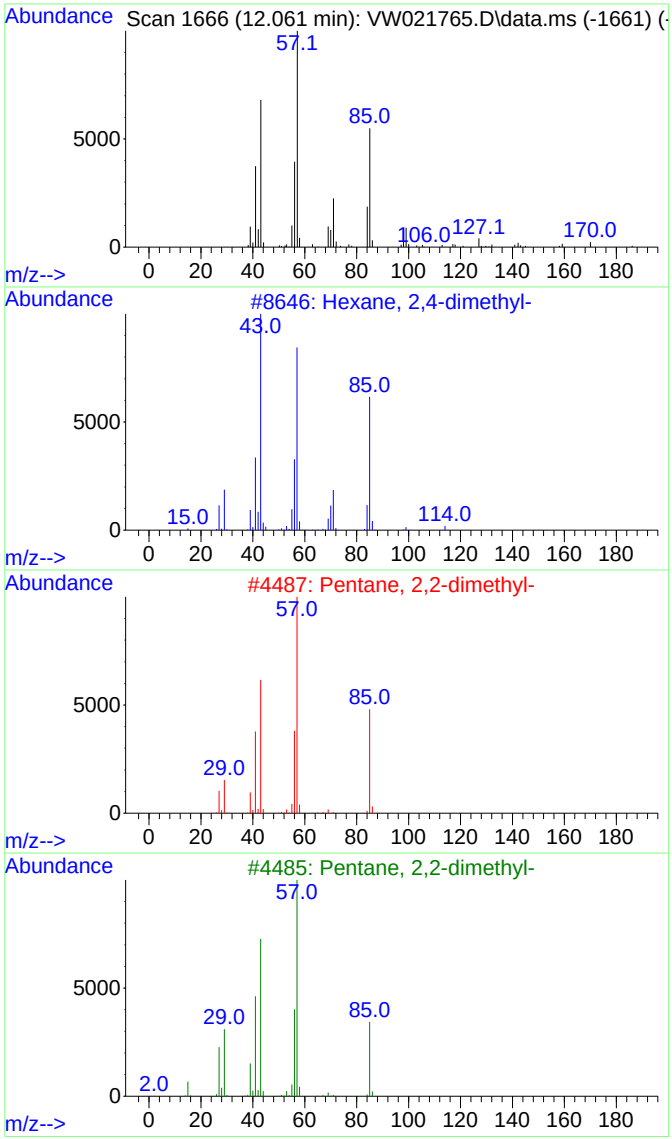
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

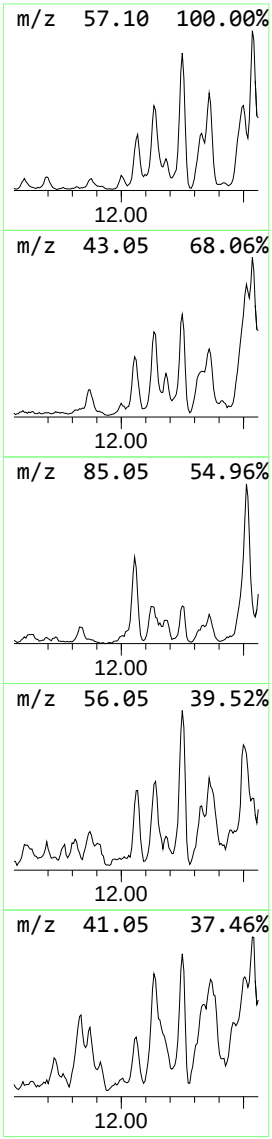
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	3.30 ug/L	78817	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	49
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

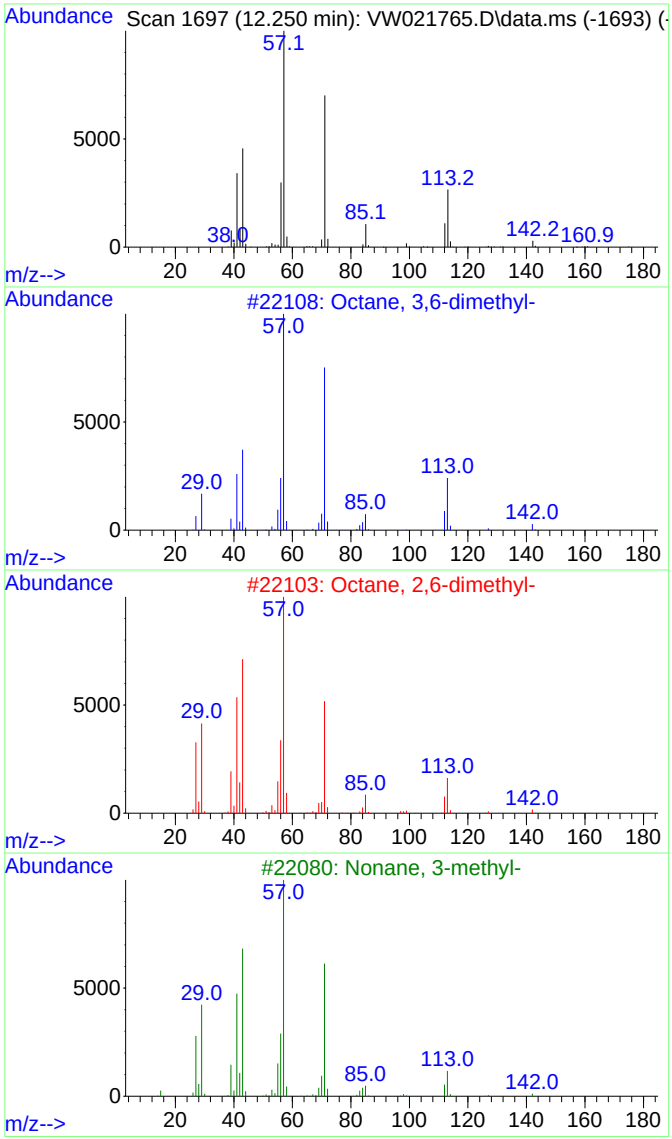
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

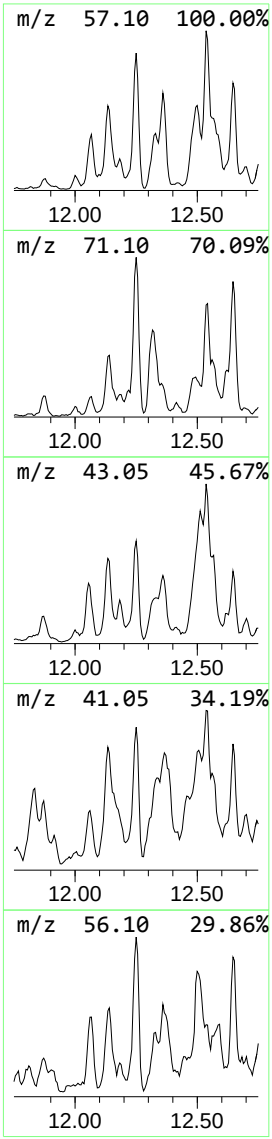
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	7.44 ug/L	177529	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

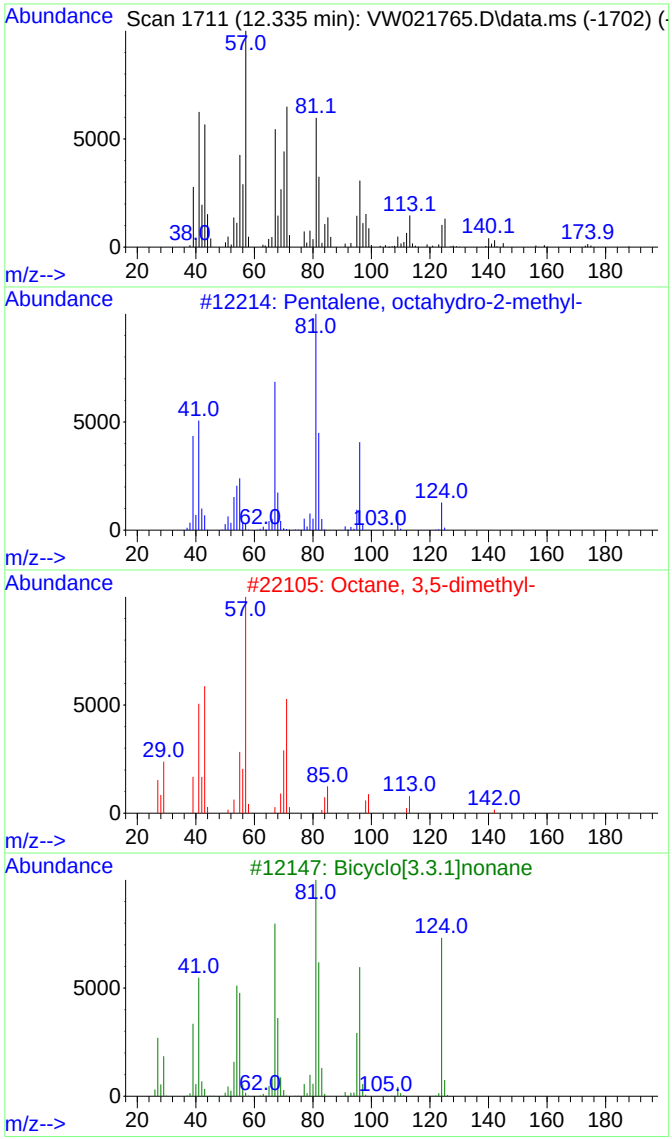
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

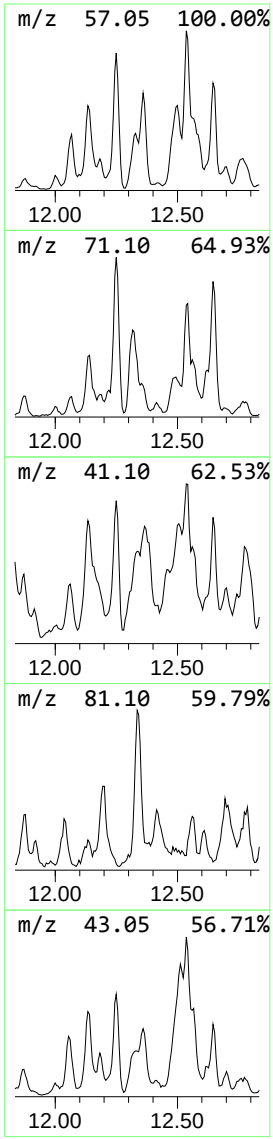
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Pentalene, octahydro-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	10.06 ug/L	240033	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	70
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	30
4	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	30
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

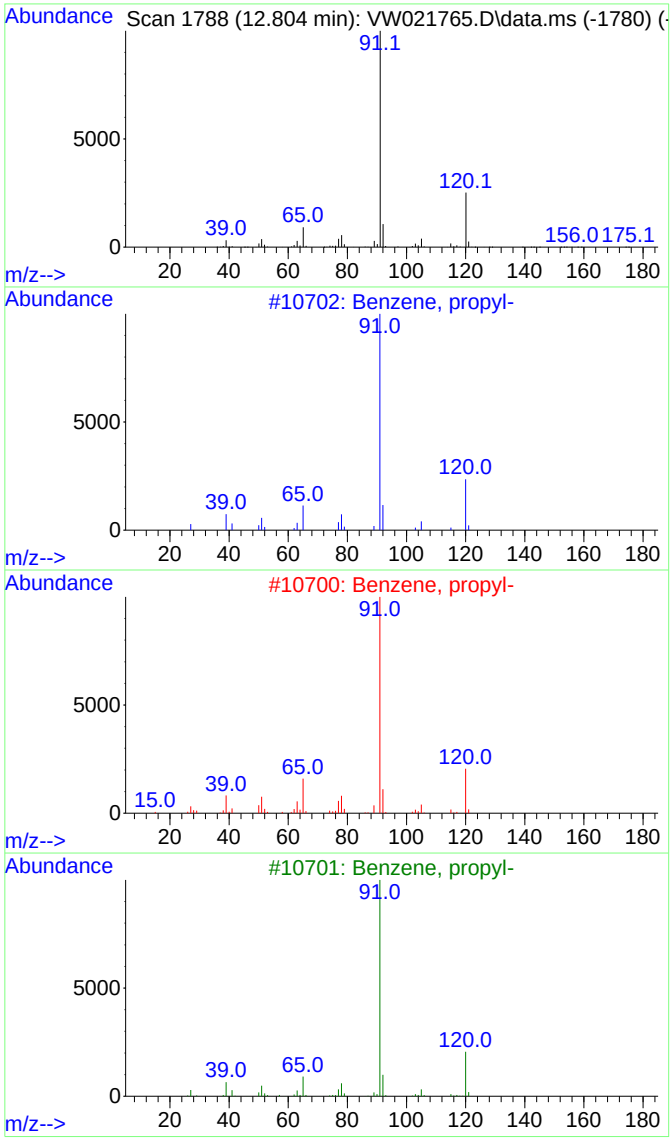
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

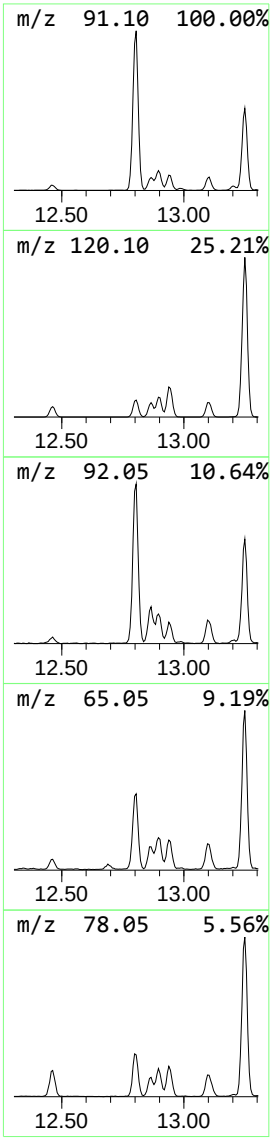
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	46.59 ug/L	864555	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

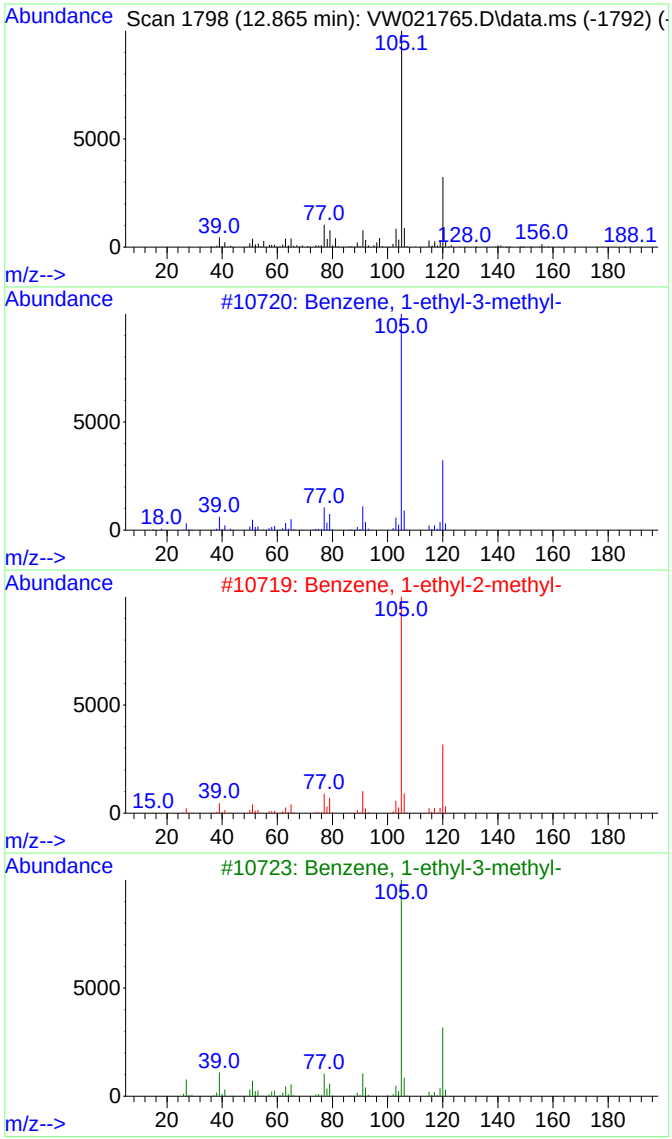
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

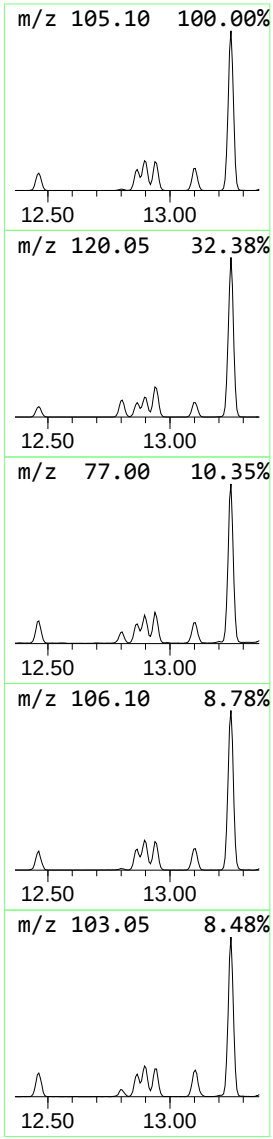
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	37.76 ug/L	700622	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

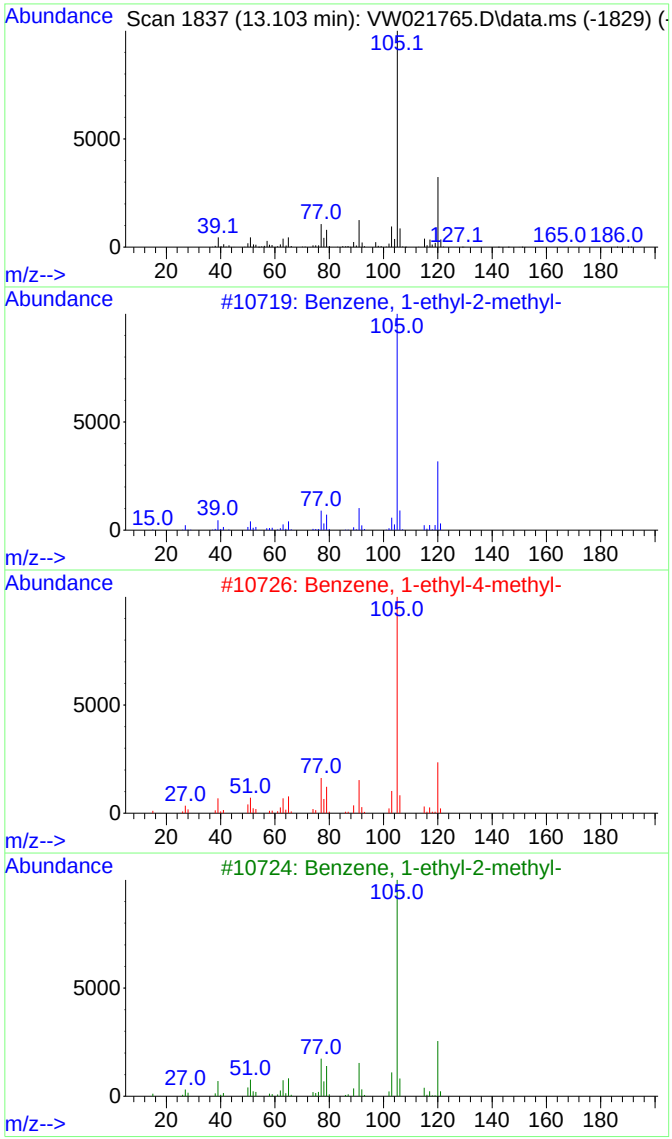
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

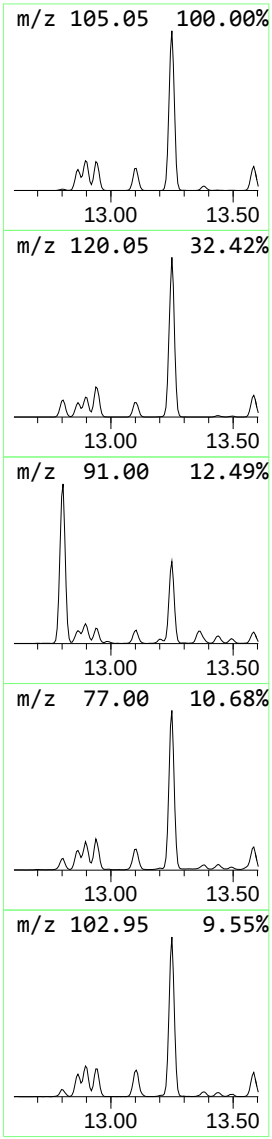
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	50.01 ug/L	928080	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

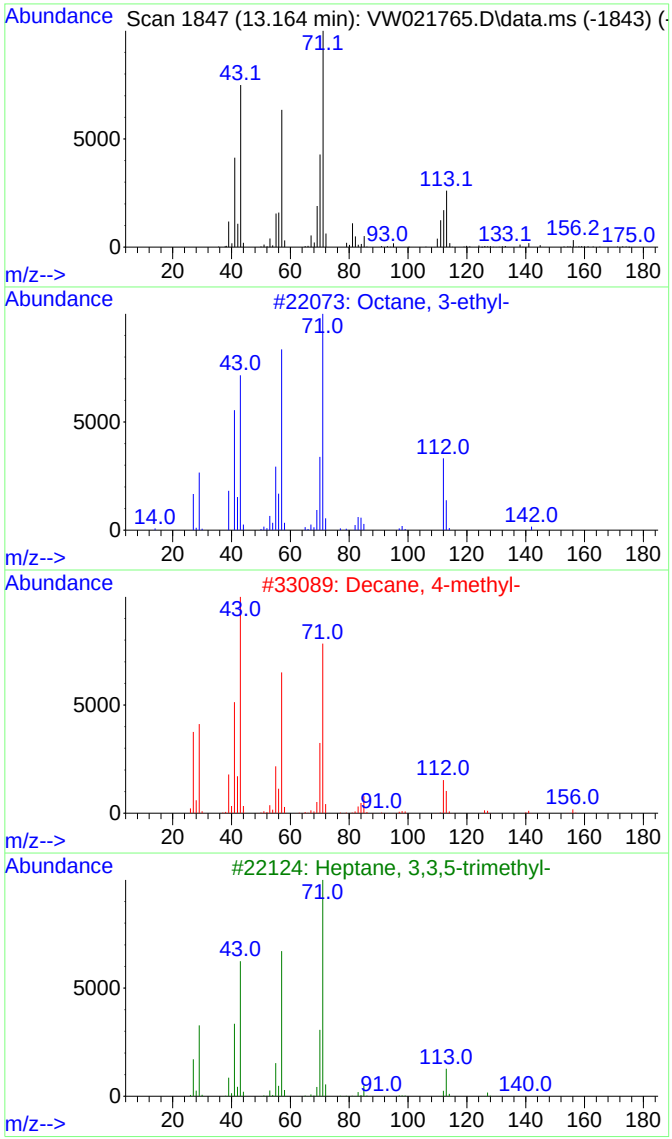
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

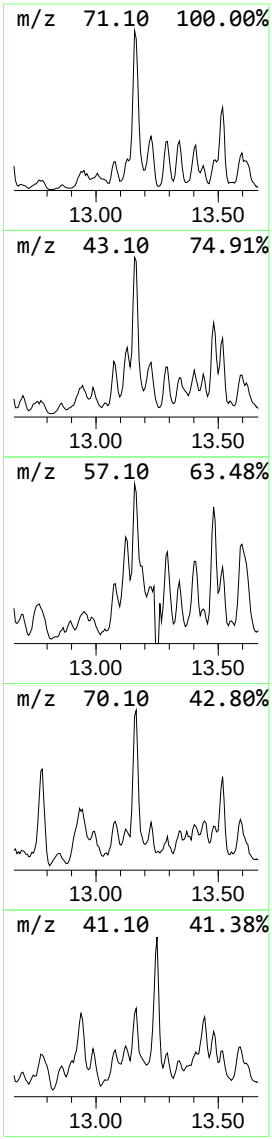
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	8.09 ug/L	150089	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	59
2	Decane, 4-methyl-	156	C11H24	002847-72-5	59
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	59
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

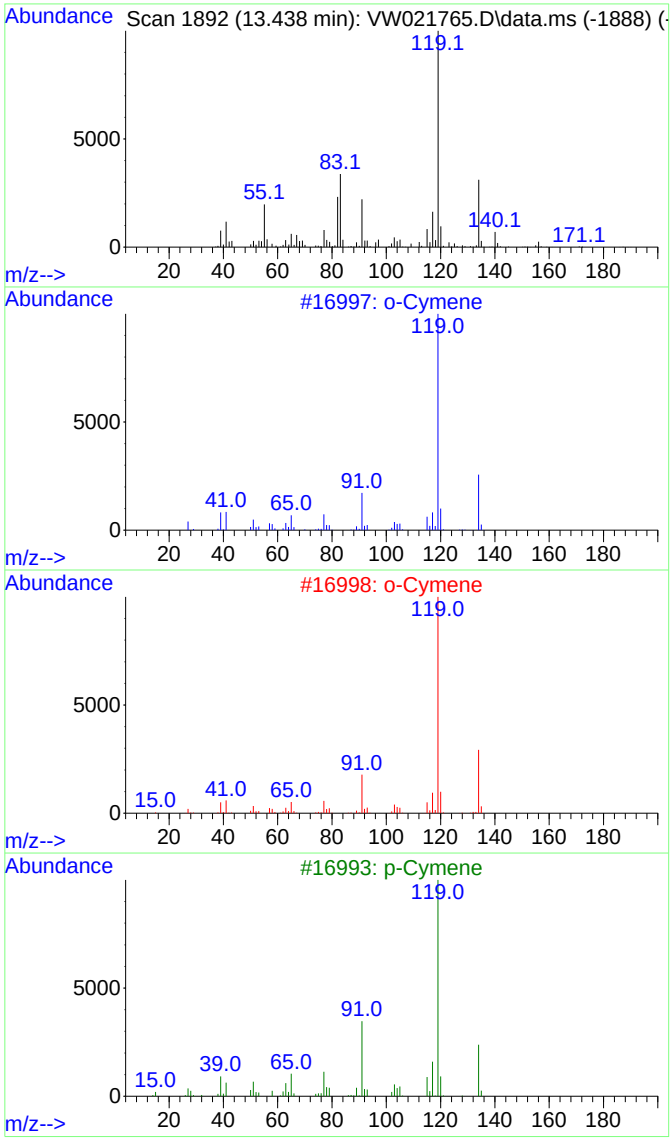
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

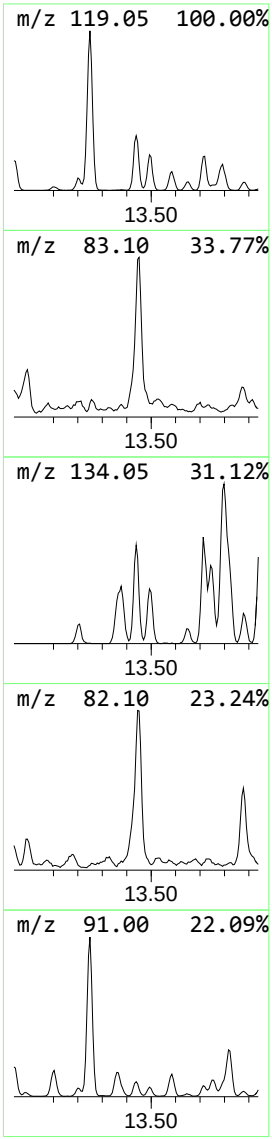
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	17.88 ug/L	331784	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

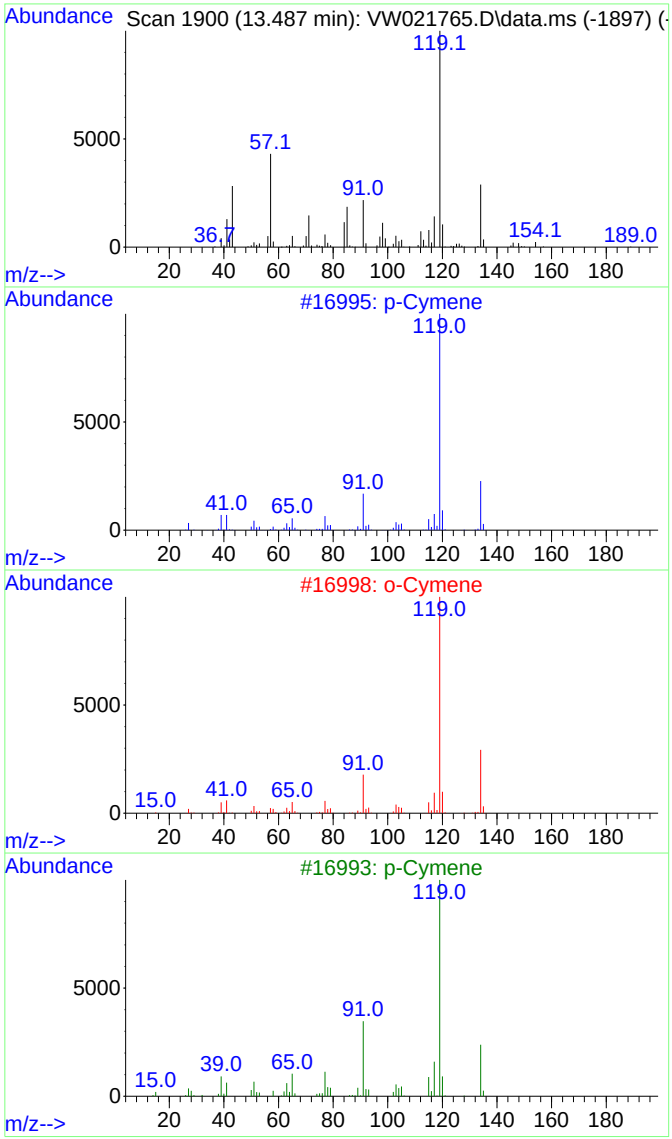
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

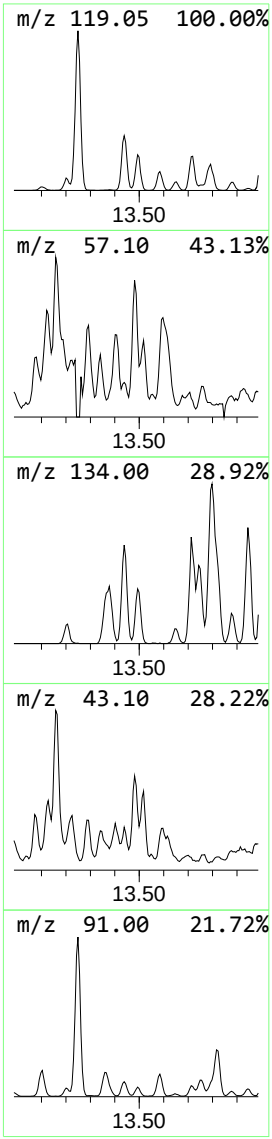
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	12.97 ug/L	240648	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	89
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

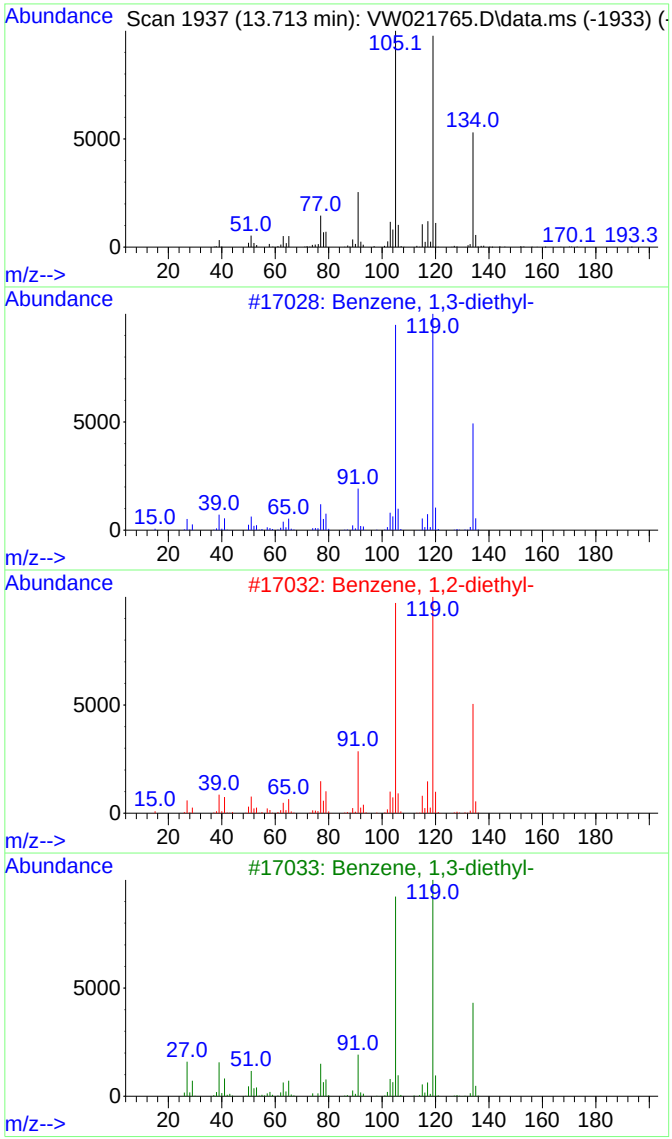
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

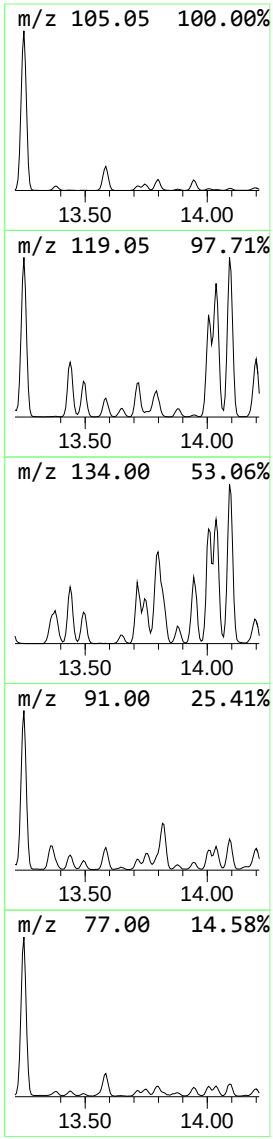
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	10.78 ug/L	199956	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

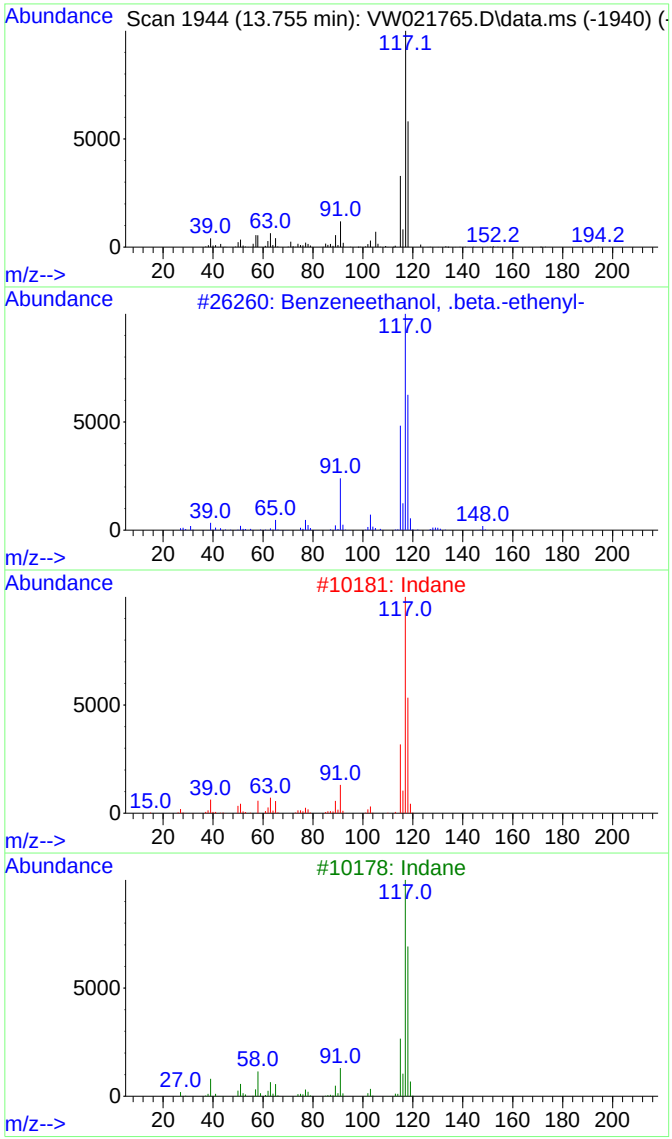
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

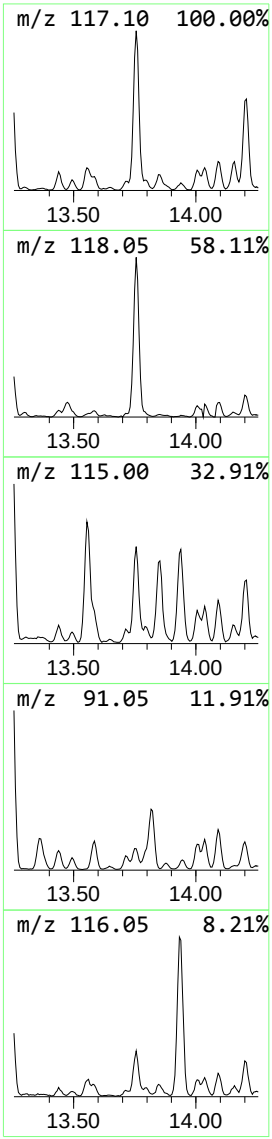
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzeneethanol, .beta.-ethe... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	19.01 ug/L	352714	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
2	Indane	118	C9H10	000496-11-7	74
3	Indane	118	C9H10	000496-11-7	74
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

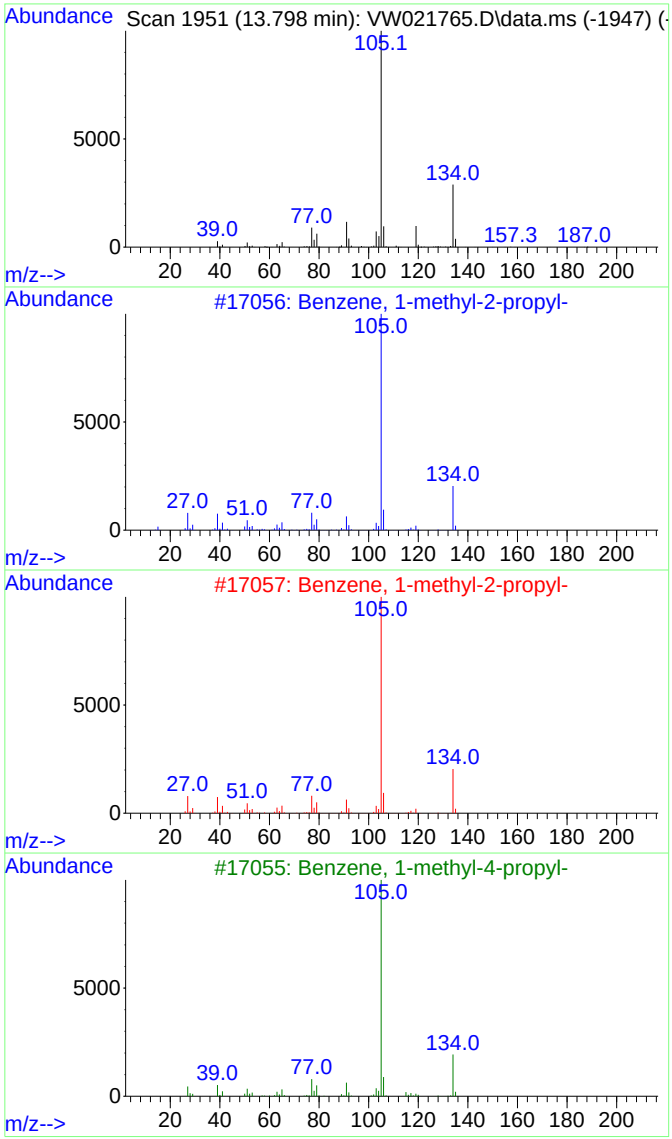
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

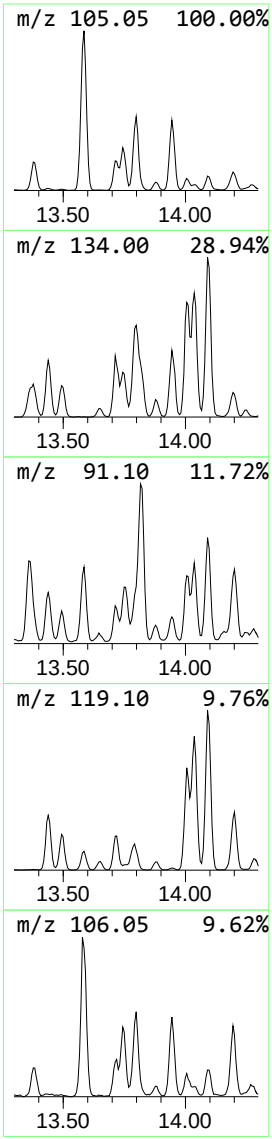
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-methyl-2-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	13.00 ug/L	241281	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

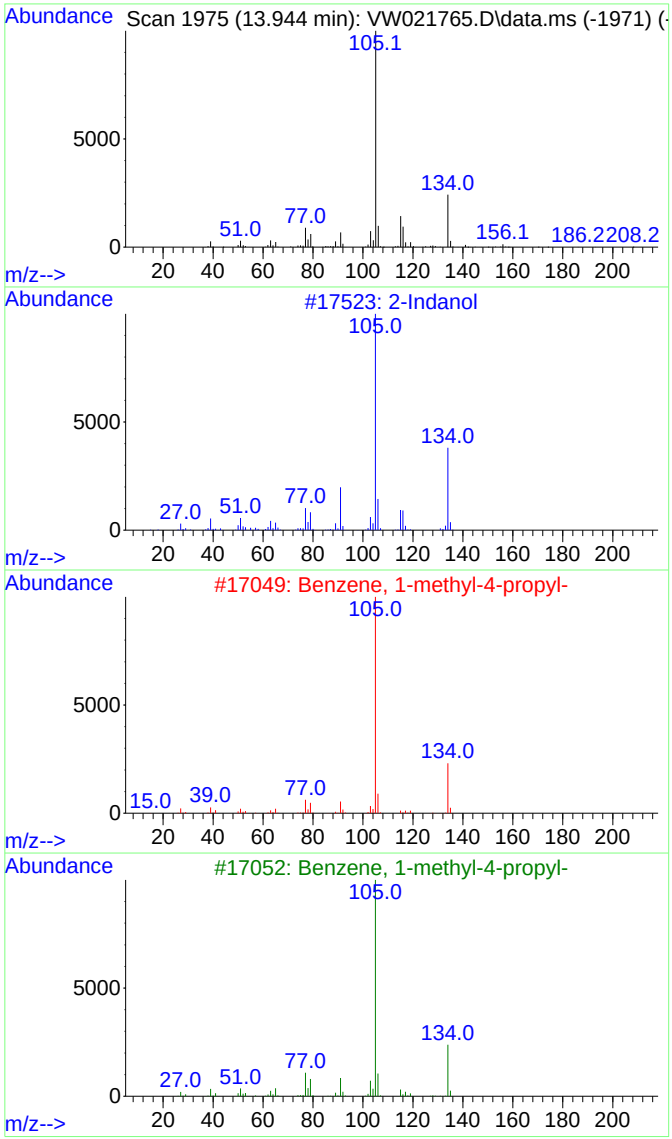
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

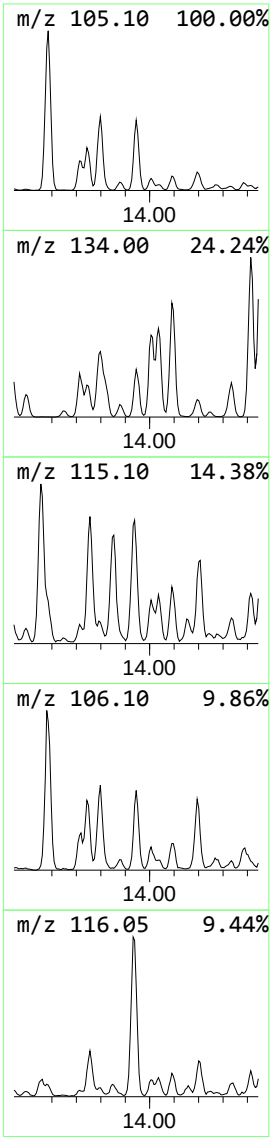
****

Peak Number 36 2-Indanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	14.23 ug/L	264104	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	70
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

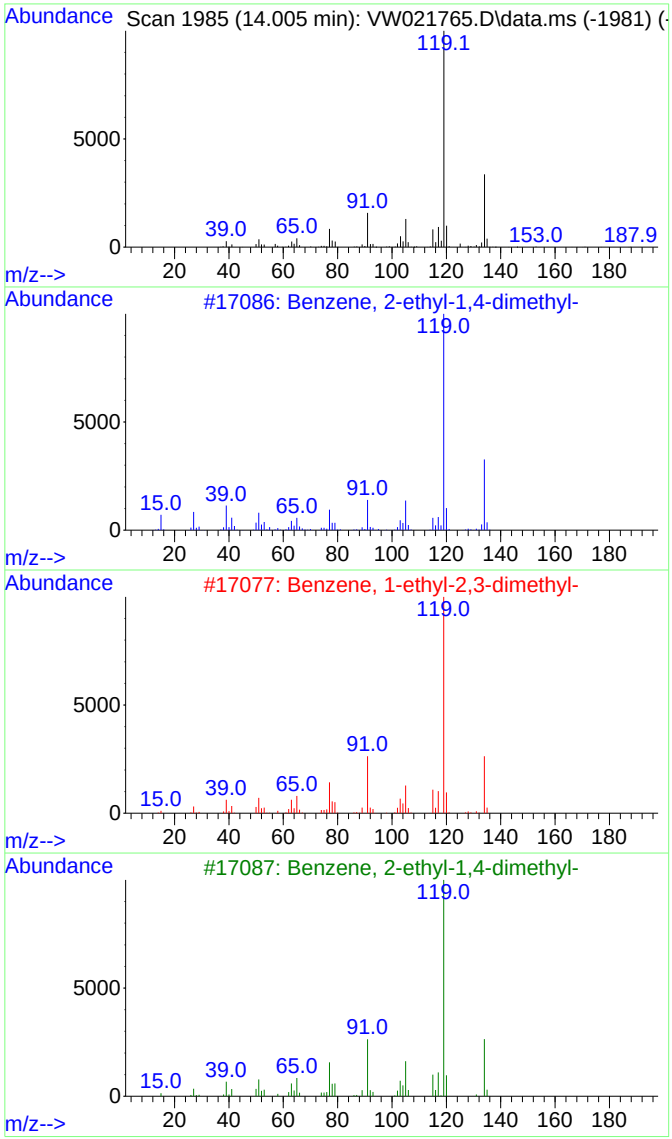
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

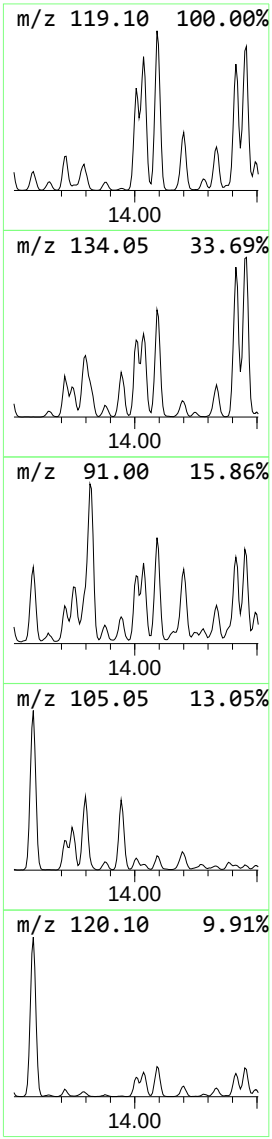
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	17.68 ug/L	328016	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	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

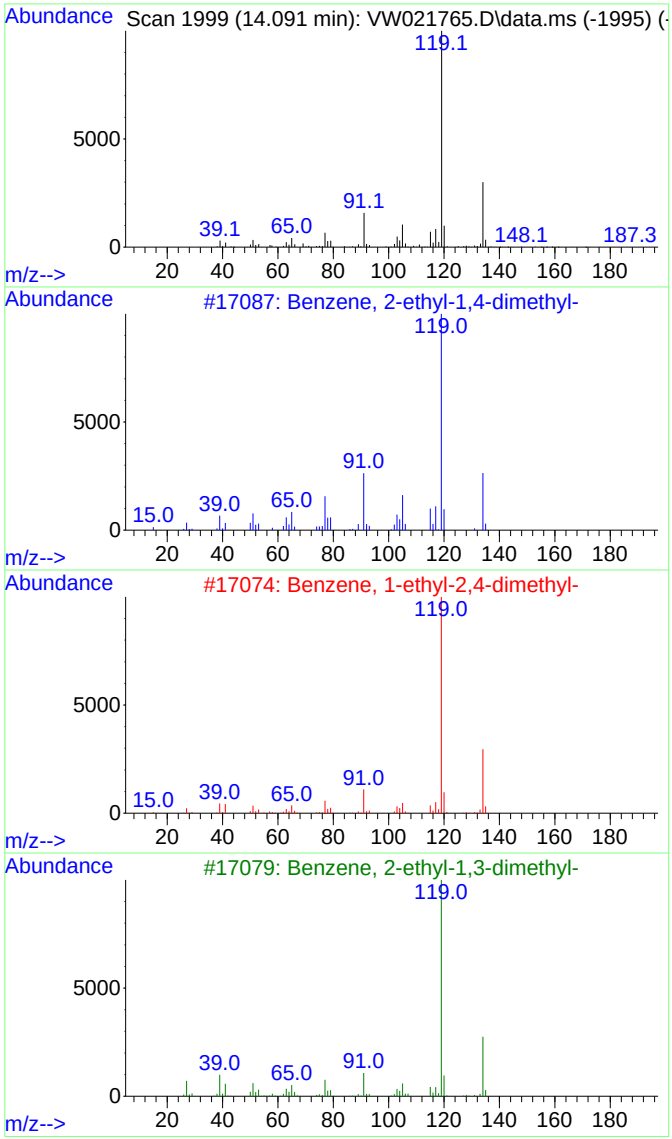
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

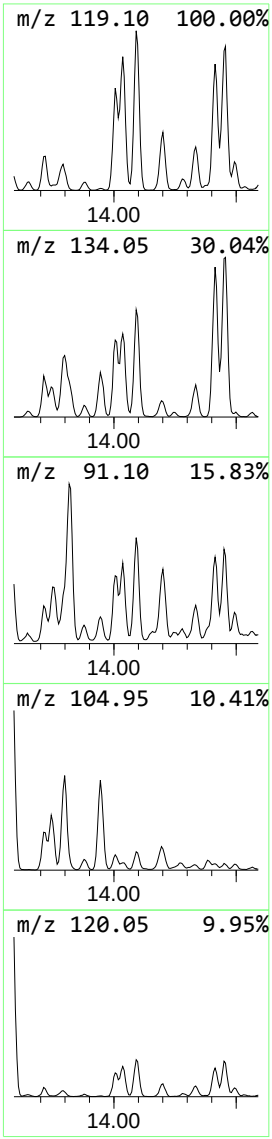
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	32.81 ug/L	608820	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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

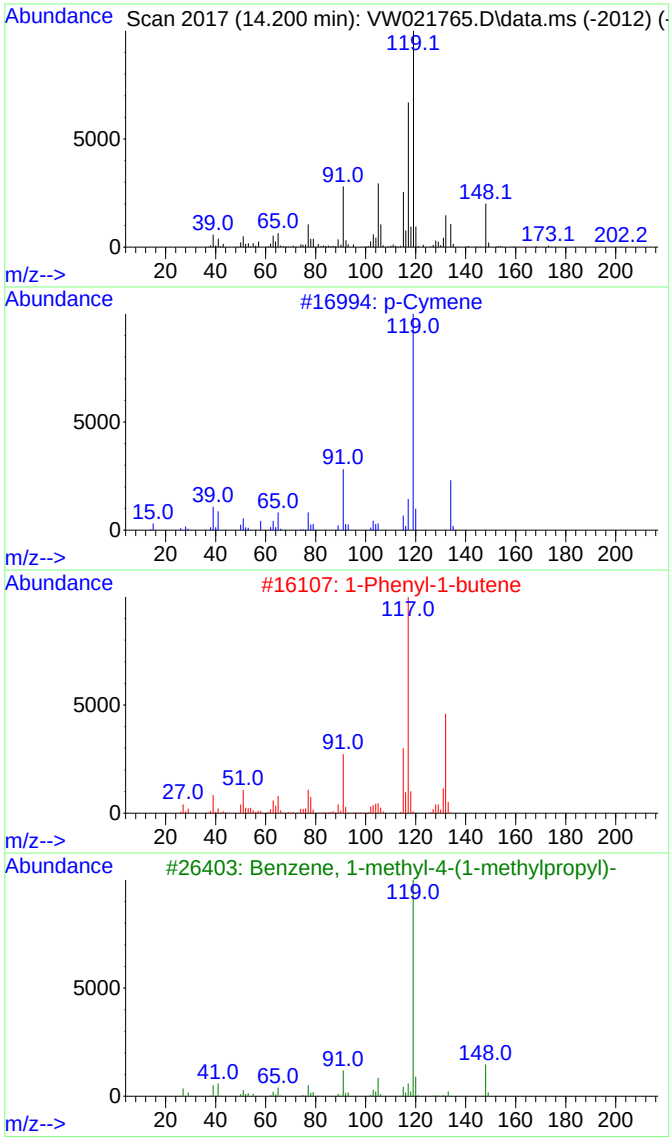
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

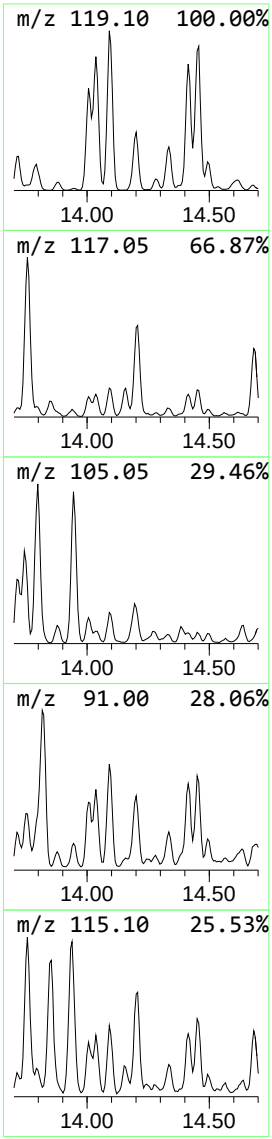
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	22.52 ug/L	417910	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	50
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	47
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
4	o-Cymene	134	C10H14	000527-84-4	45
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

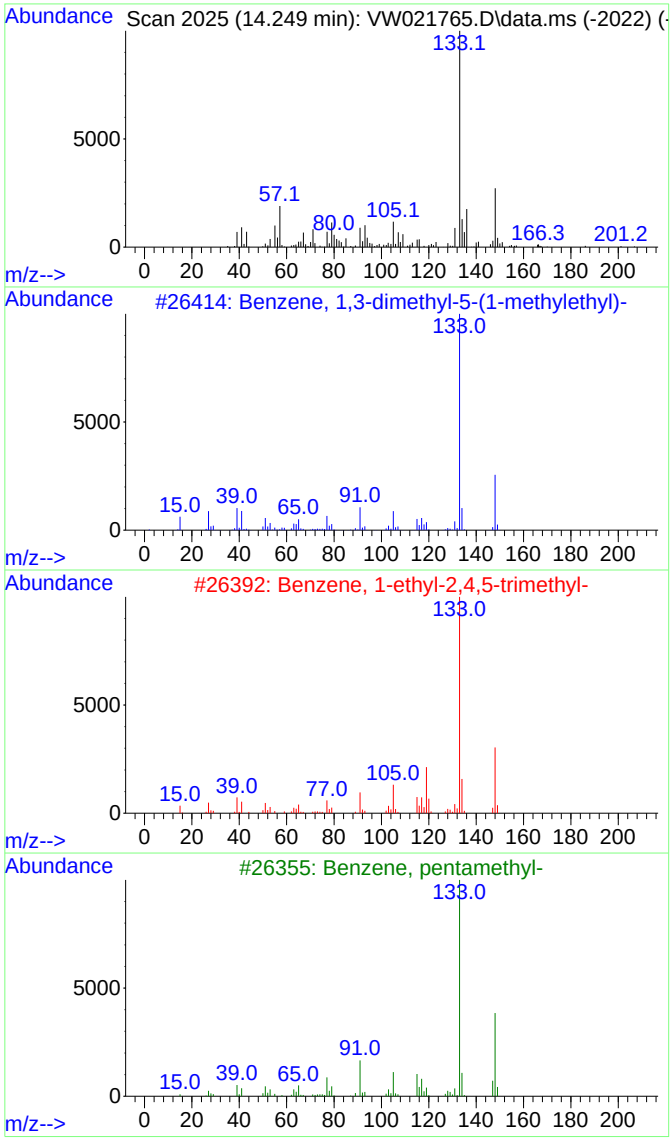
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

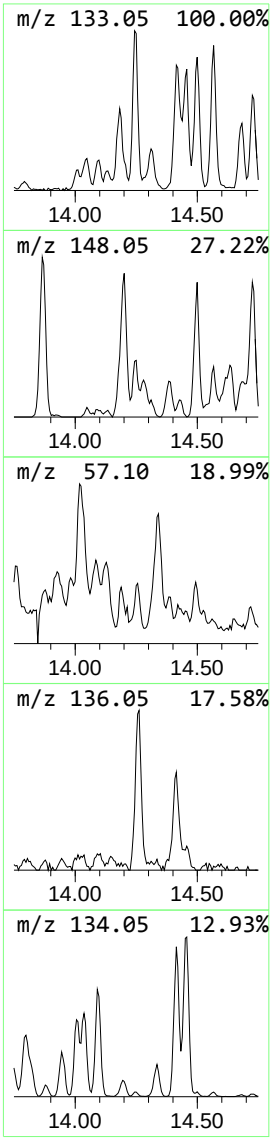
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.249	6.03 ug/L	111895	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	72
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

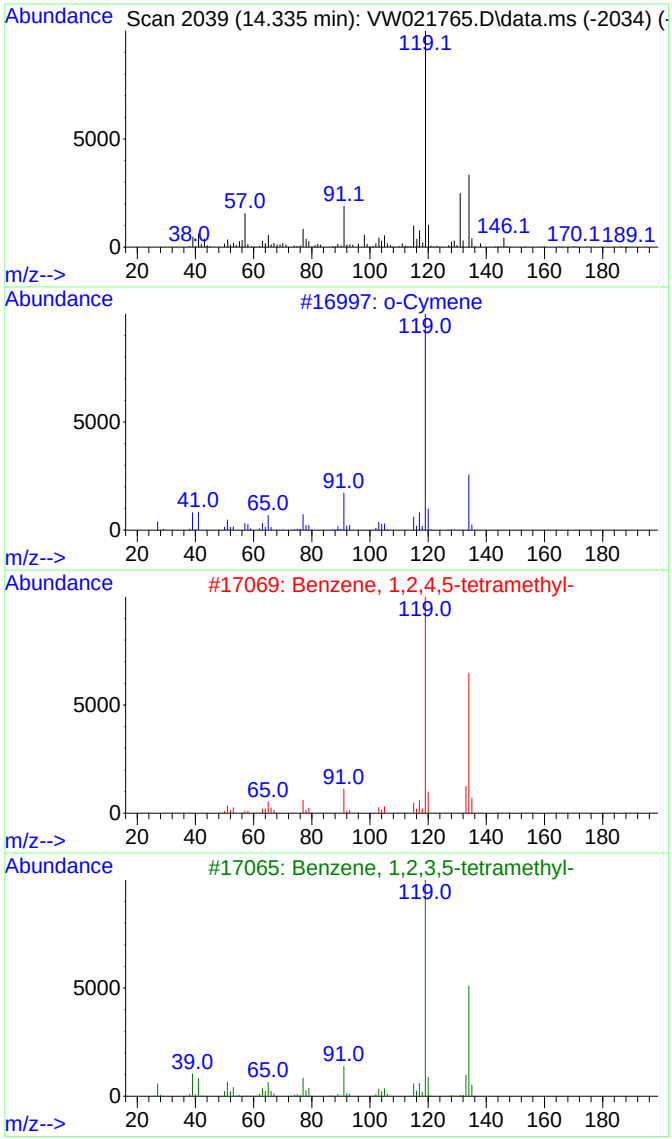
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

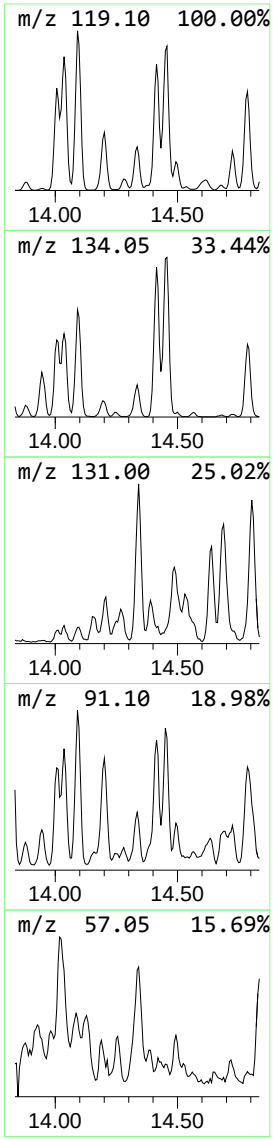
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	13.42 ug/L	249012	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

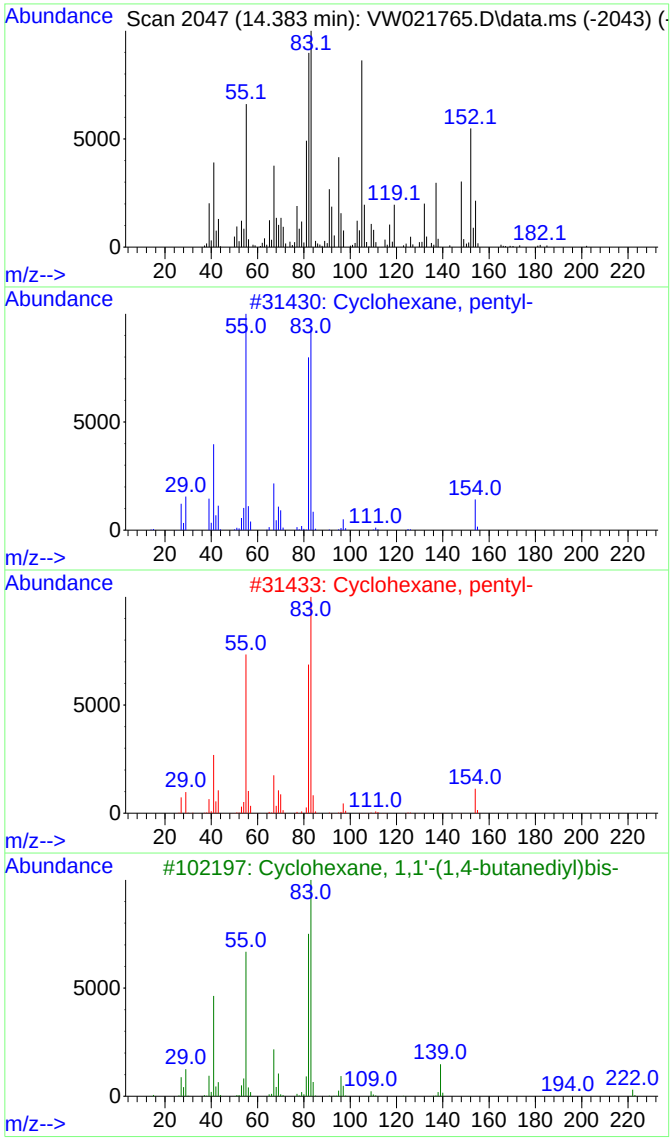
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

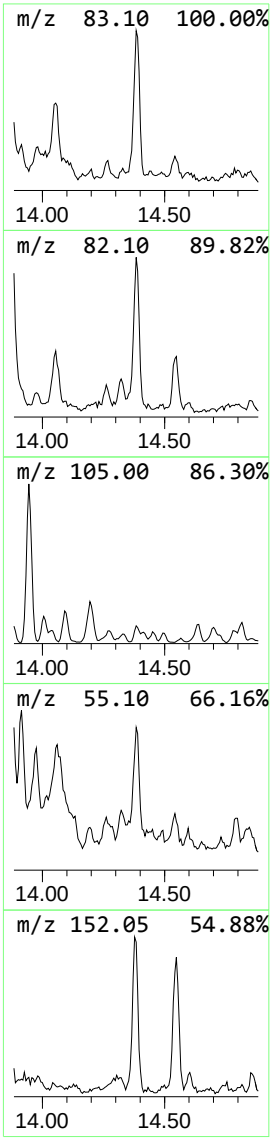
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic14.383 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	7.54 ug/L	139862	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	35
4	Cyclohexane, 1,1'-(1,2-ethanediy...	194	C14H26	003321-50-4	35
5	Heptylcyclohexane	182	C13H26	005617-41-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

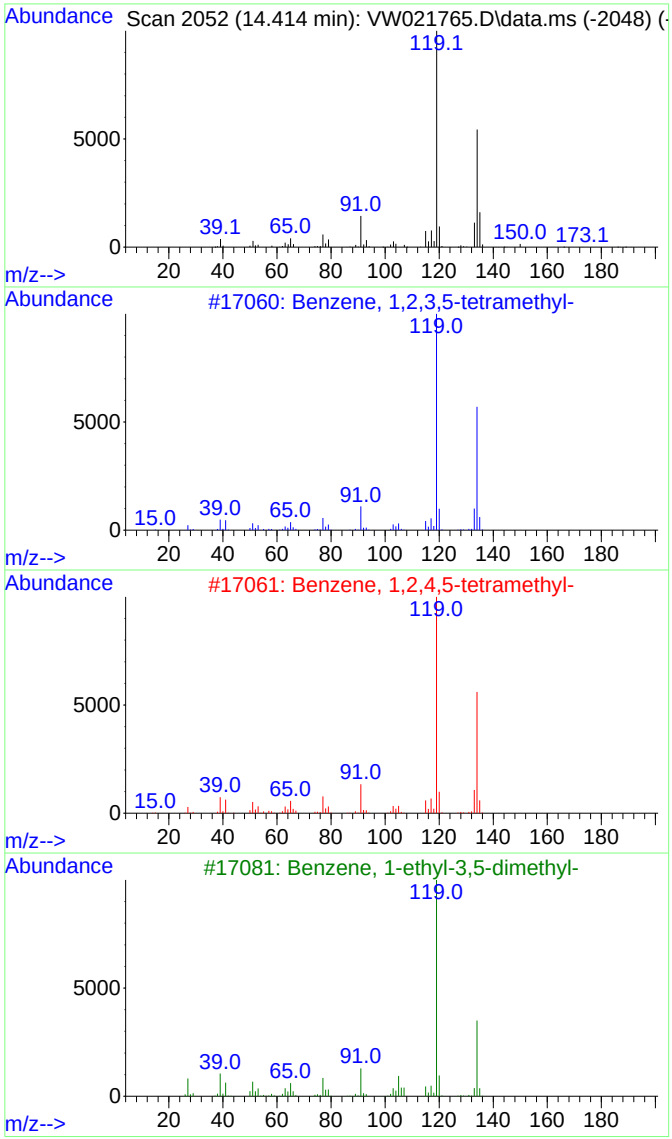
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

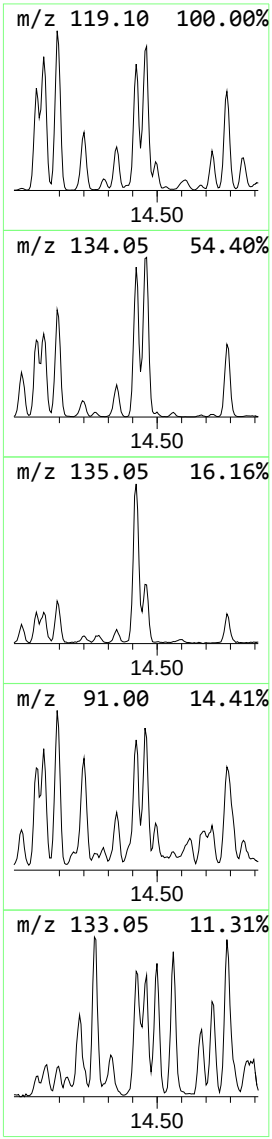
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	30.61 ug/L	567928	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

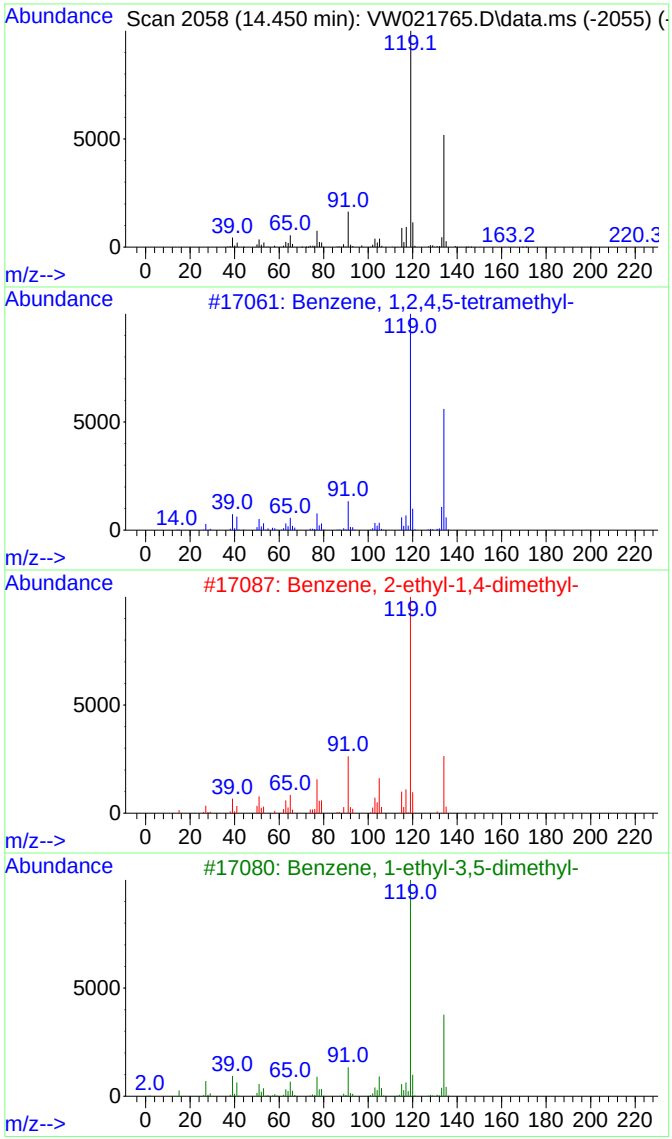
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

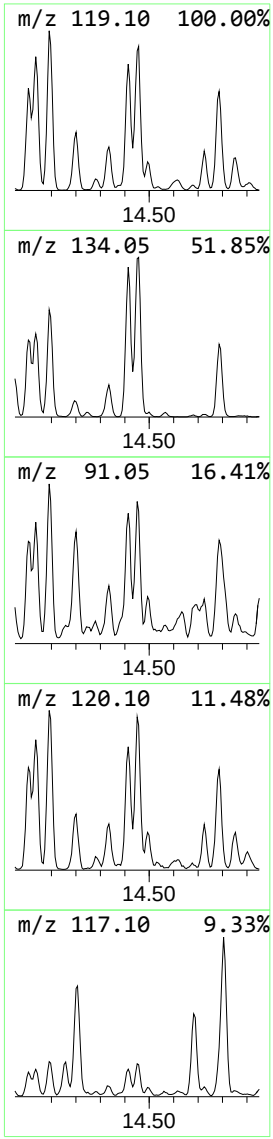
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	28.86 ug/L	535537	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	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

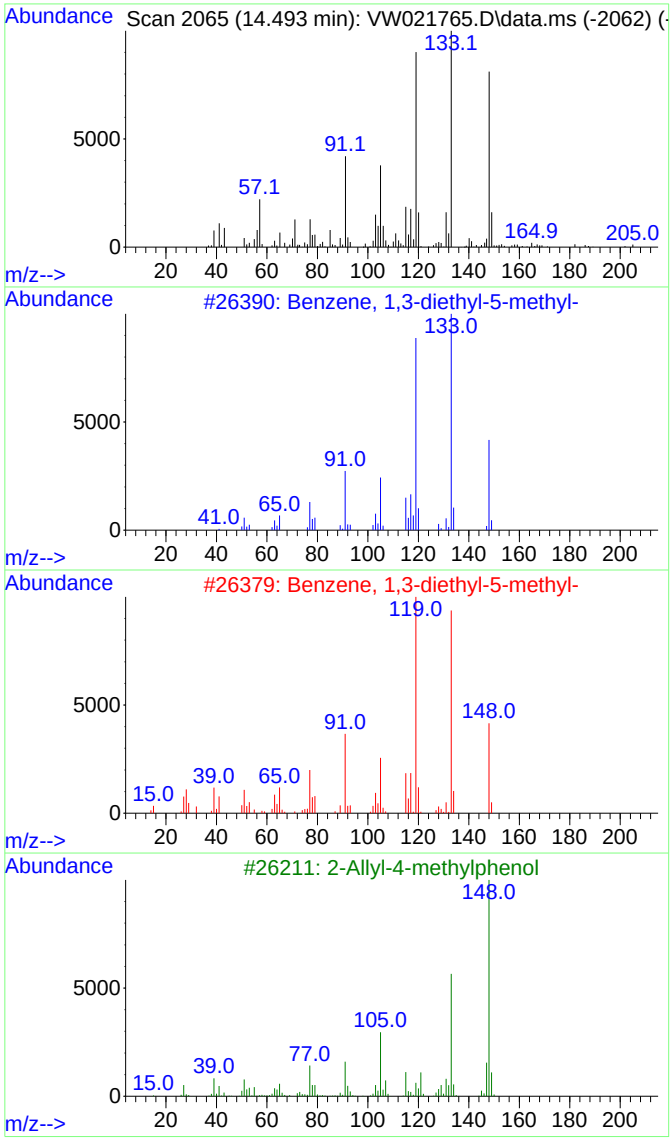
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

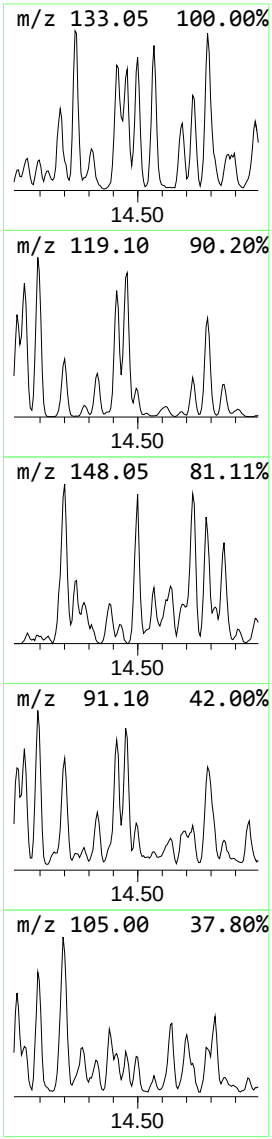
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	6.65 ug/L	123384	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
3	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	52
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	52
5	2-(1-Methyl-2-propenyl)phenol	148	C10H12O	1000432-85-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

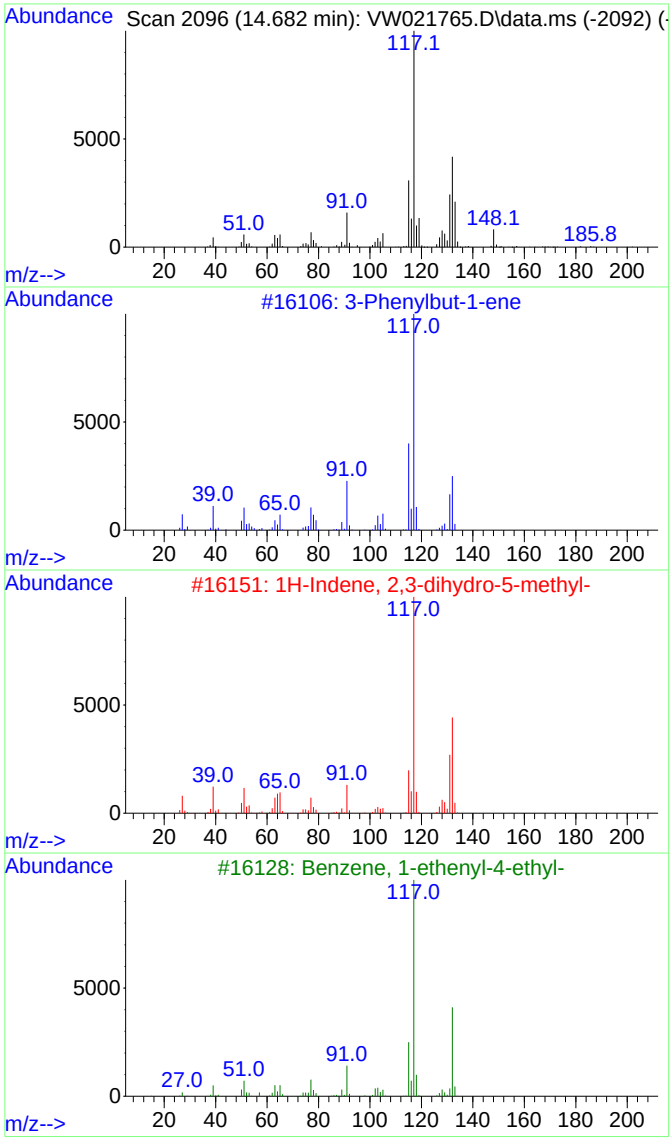
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

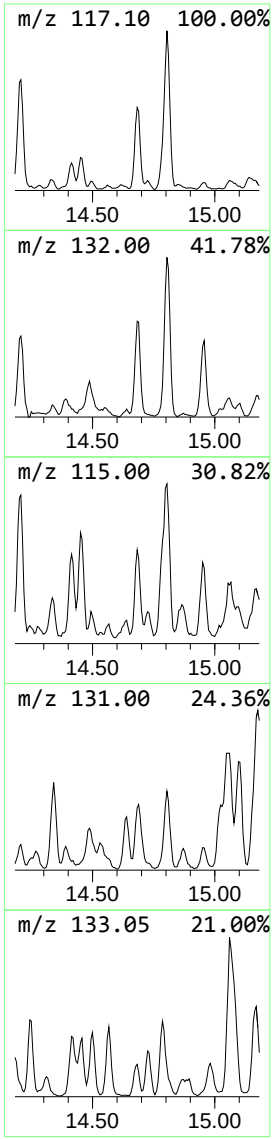
****

Peak Number 46 3-Phenylbut-1-ene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	10.61 ug/L	196903	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

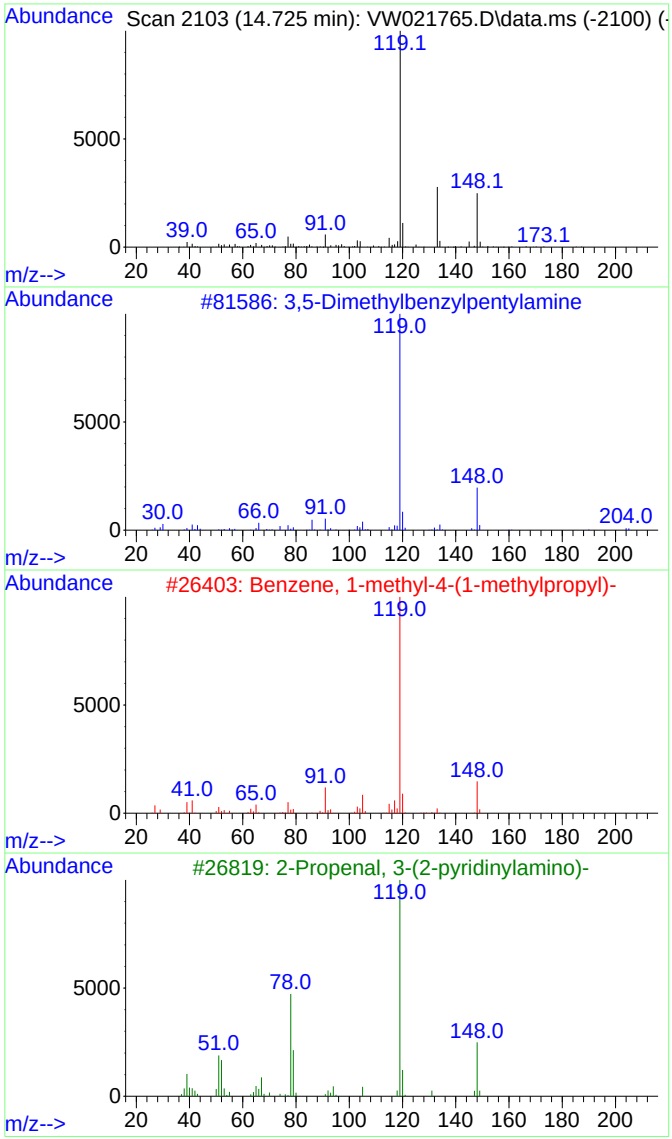
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

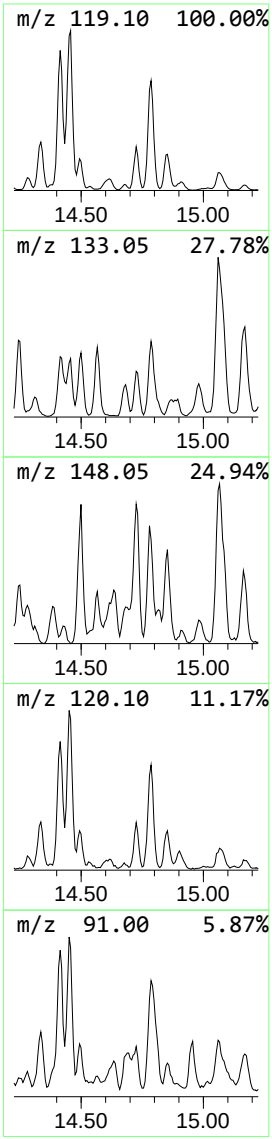
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 3,5-Dimethylbenzylpentylamine Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	8.20 ug/L	152187	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64
4	3,5-Dimethylbenzylhexylamine	219	C15H25N	1000491-60-9	50
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

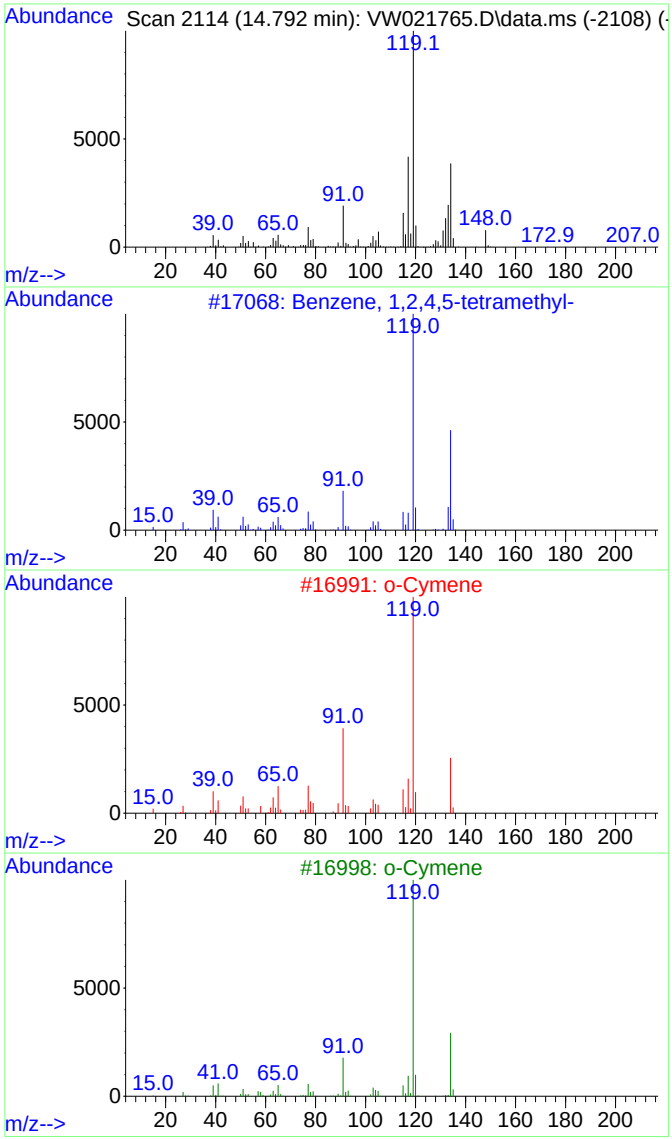
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

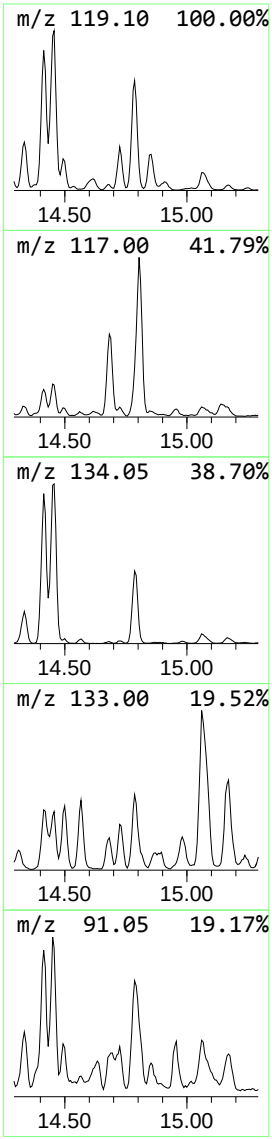
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	41.18 ug/L	764241	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	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

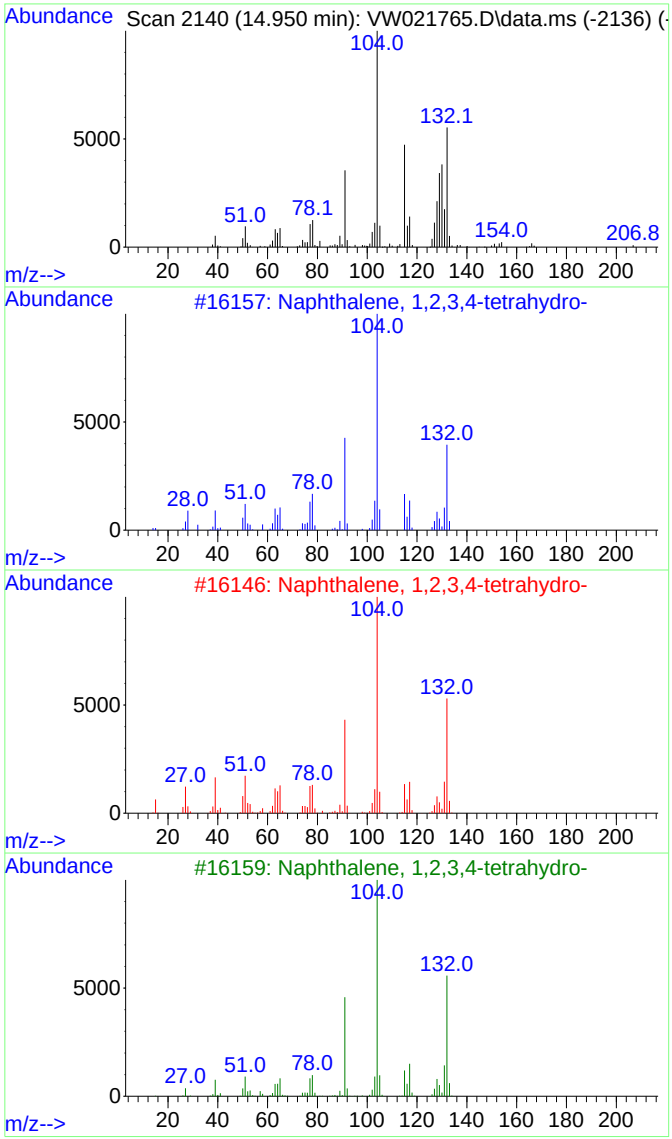
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

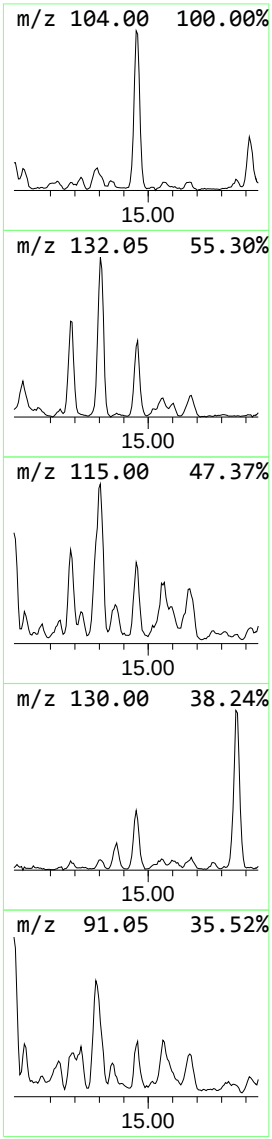
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	7.50 ug/L	139203	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

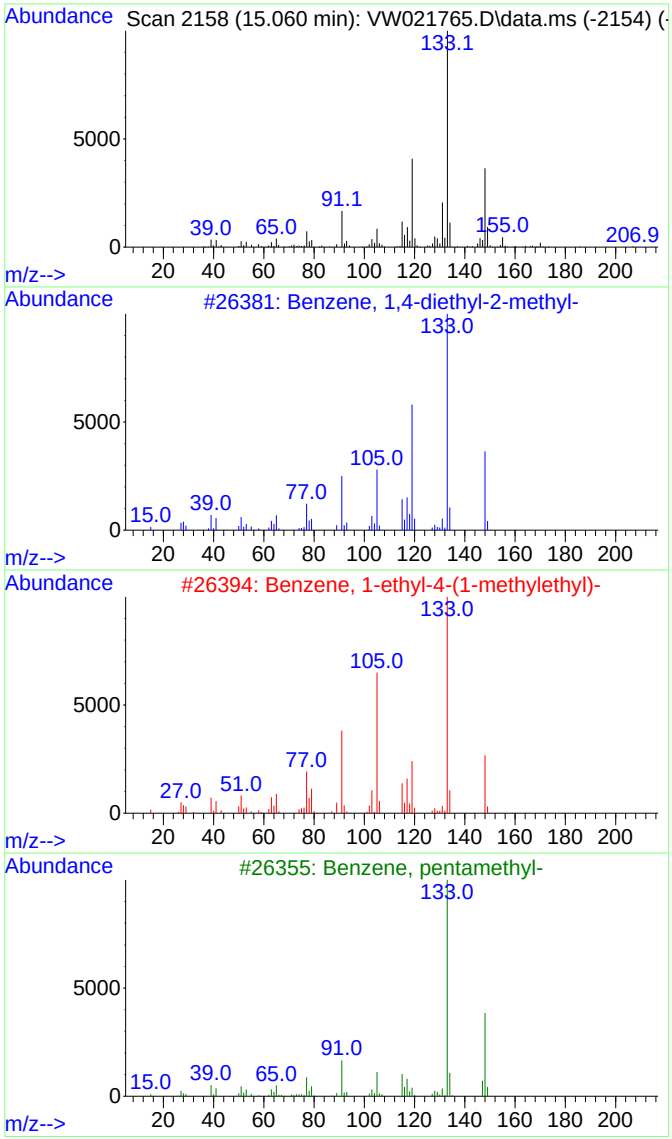
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

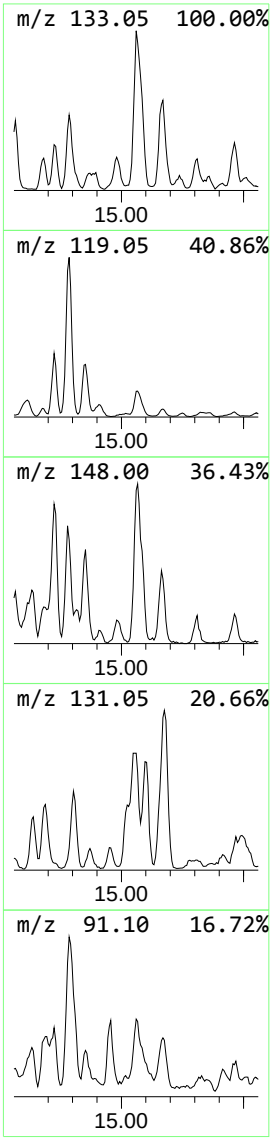
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	15.67 ug/L	290728	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

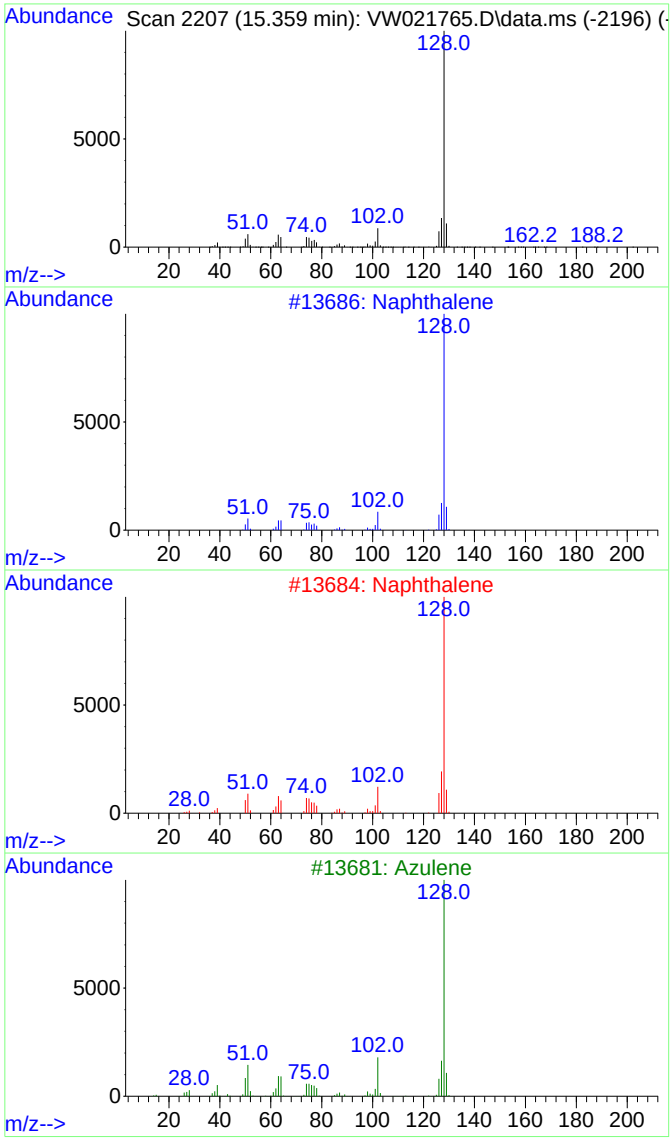
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

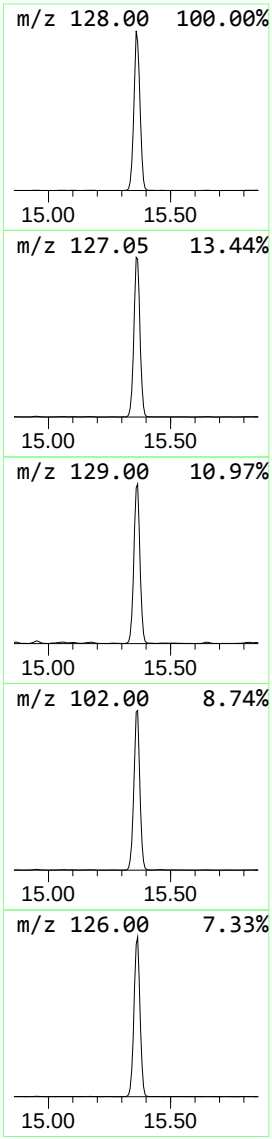
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	645.59 ug/L	11979800	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

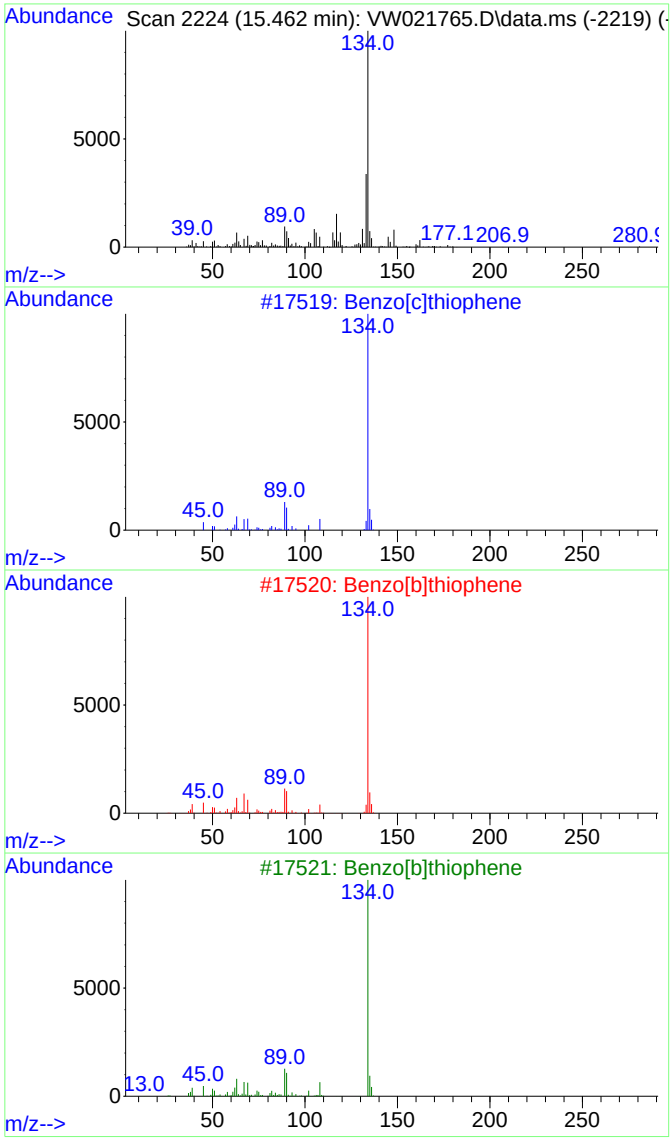
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

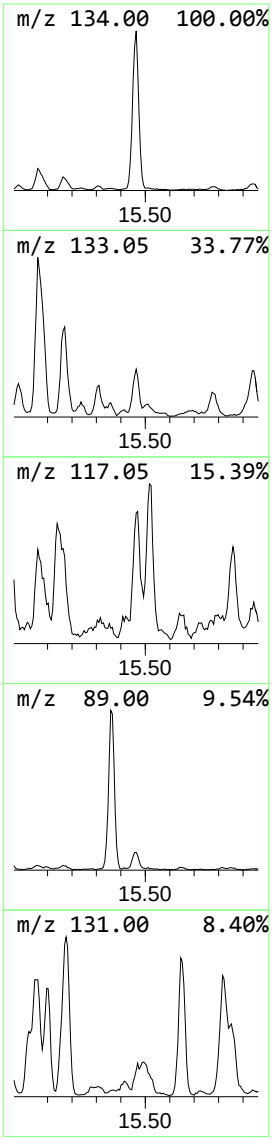
****

Peak Number 52 Benzo[c]thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	9.40 ug/L	174343	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	64
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	64
4	5-Benzylidene-3-(3,4-dimethylani...	338	C19H18N2O2S	1000223-29-3	64
5	5-Benzylidene-3-(2,5-dimethylani...	338	C19H18N2O2S	302955-01-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

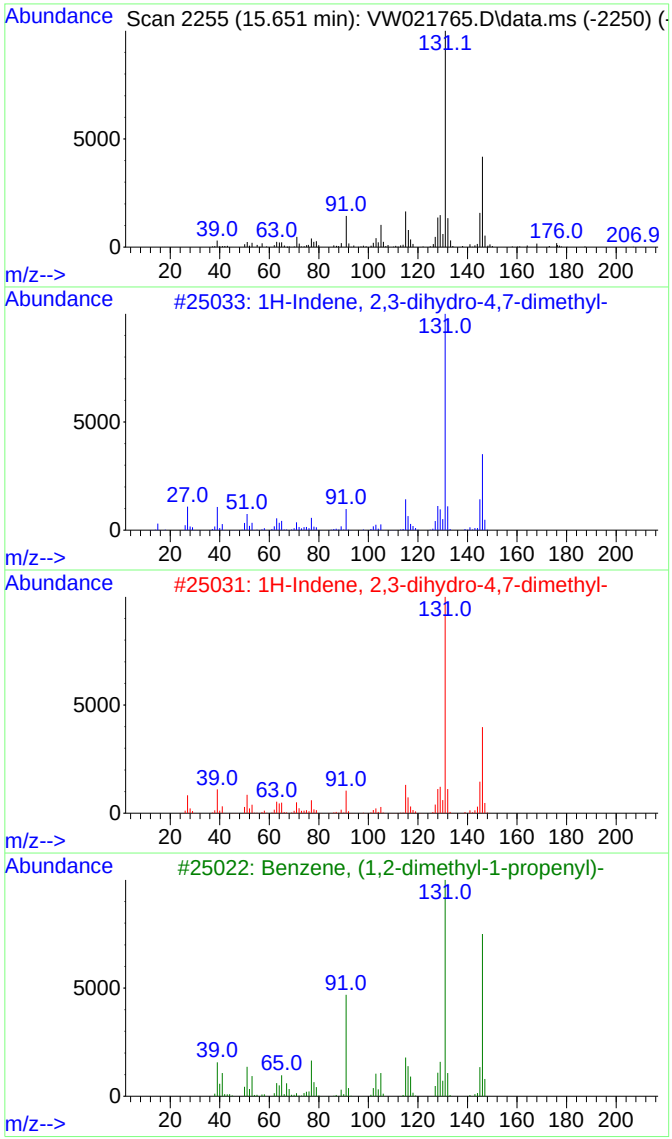
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

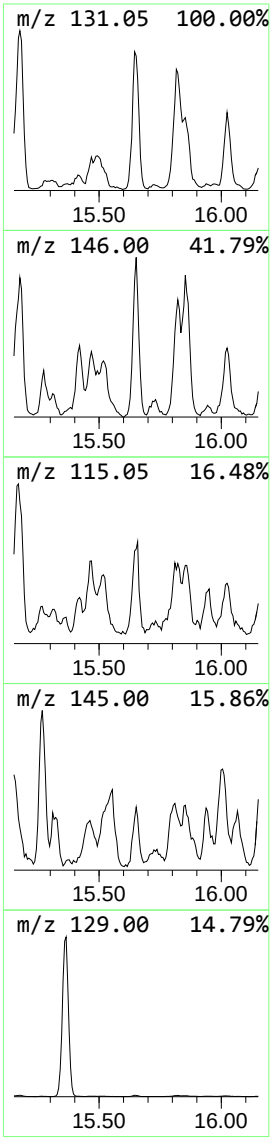
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	7.76 ug/L	143974	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

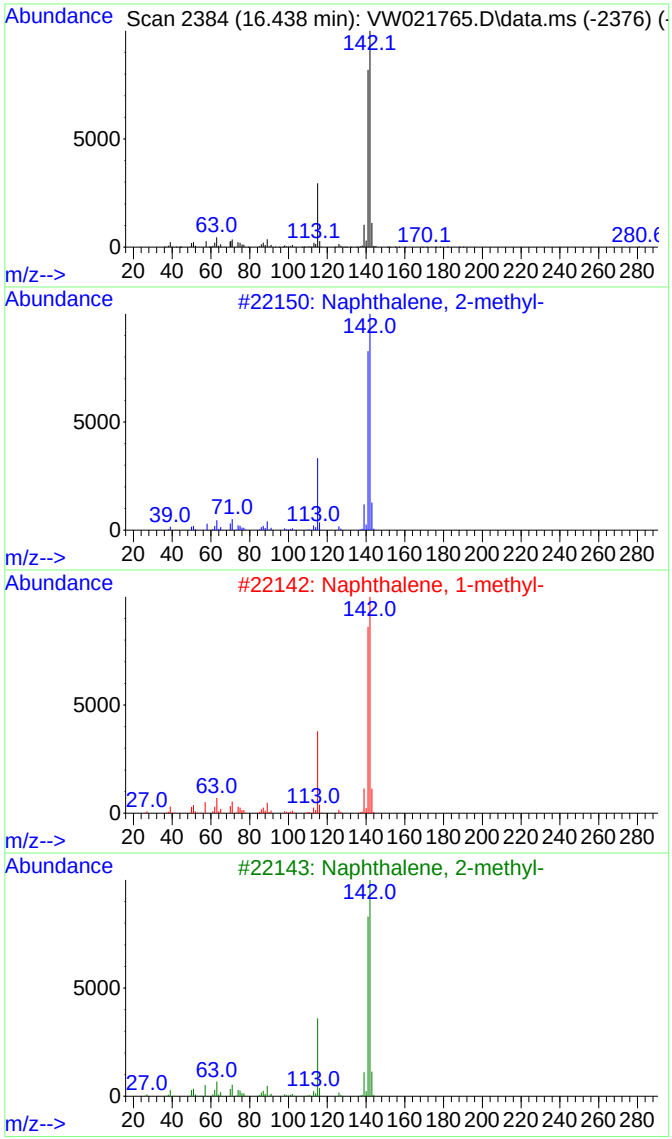
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

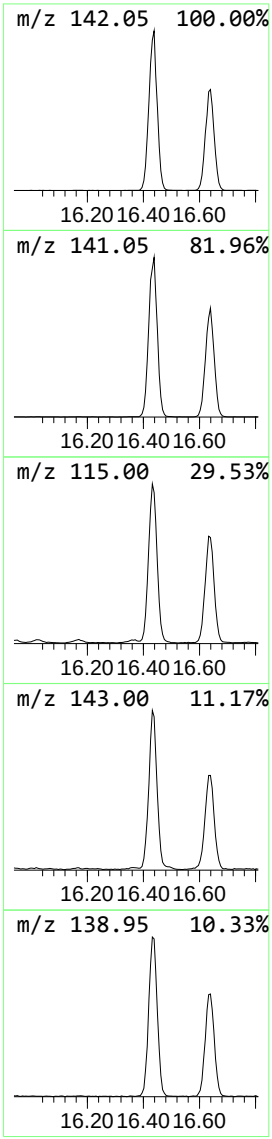
****

Peak Number 54 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	114.24 ug/L	2119880	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

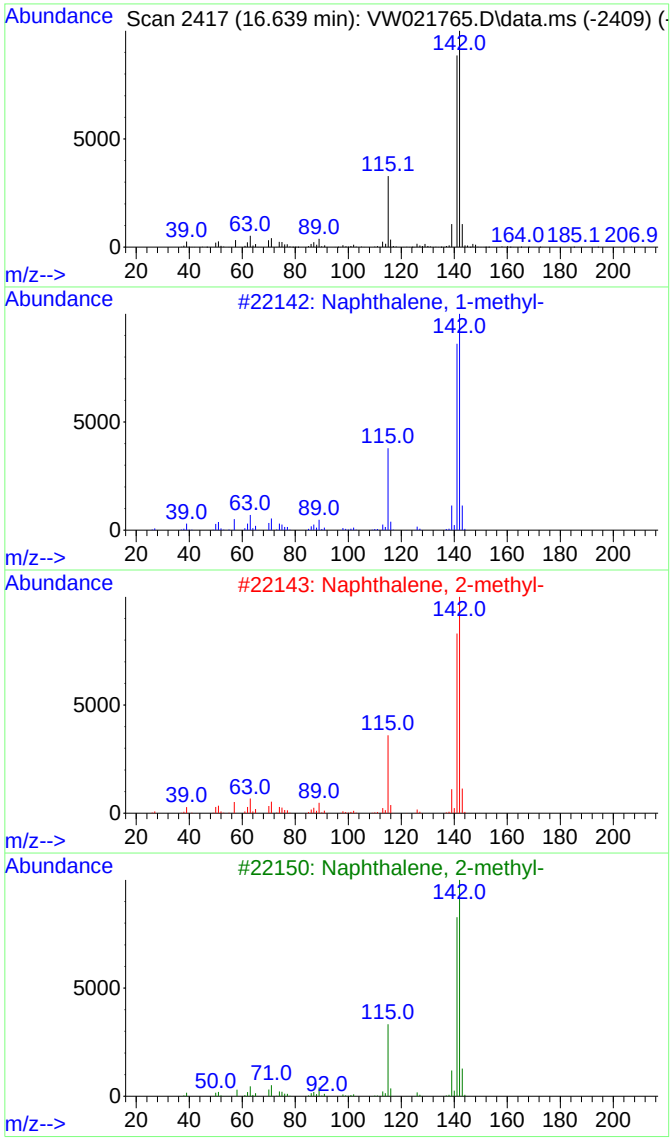
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0

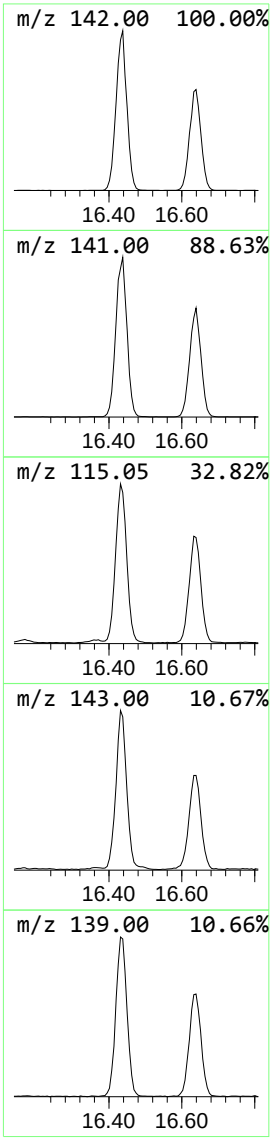
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	79.48 ug/L	1474970	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
Data File : VW021765.D
Acq On : 06 Jan 2022 18:20
Operator : SY/VA
Sample : N1025-04
Misc : 6.63g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.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
Acetaldehyde	2.501	2.6	ug/L	48601	1	8.842	466796	25.0
2-Ethyl-oxetane	5.940	2.0	ug/L	37043	1	8.842	466796	25.0
(DEL) Alkane: S...	7.927	3.1	ug/L	58008	1	8.842	466796	25.0
(DEL) Alkane: S...	8.159	2.8	ug/L	52132	1	8.842	466796	25.0
(DEL) Alkane: S...	8.476	2.8	ug/L	51443	1	8.842	466796	25.0
(DEL) Alkane: S...	8.695	3.9	ug/L	73449	1	8.842	466796	25.0
(DEL) Alkane: S...	9.067	2.4	ug/L	44230	1	8.842	466796	25.0
(DEL) Alkane: S...	9.390	1.5	ug/L	27344	1	8.842	466796	25.0
(DEL) Alkane: S...	9.756	2.0	ug/L	36465	1	8.842	466796	25.0
(DEL) Alkane: S...	9.896	2.4	ug/L	45293	1	8.842	466796	25.0
(DEL) Alkane: S...	9.957	1.8	ug/L	32781	1	8.842	466796	25.0
(DEL) Alkane: S...	10.098	2.9	ug/L	53719	1	8.842	466796	25.0
(DEL) Alkane: S...	10.506	1.5	ug/L	35736	2	11.628	596733	25.0
(DEL) Alkane: C...	10.665	1.5	ug/L	36184	2	11.628	596733	25.0
(DEL) Alkane: C...	10.762	1.5	ug/L	36080	2	11.628	596733	25.0
(DEL) Alkane: C...	11.183	1.6	ug/L	38270	2	11.628	596733	25.0
(DEL) Alkane: S...	11.335	2.4	ug/L	56091	2	11.628	596733	25.0
(DEL) Alkane: S...	11.408	10.3	ug/L	245738	2	11.628	596733	25.0
(DEL) Alkane: S...	11.512	7.5	ug/L	179879	2	11.628	596733	25.0
(DEL) Alkane: C...	11.914	2.3	ug/L	54499	2	11.628	596733	25.0
(DEL) Alkane: S...	12.061	3.3	ug/L	78817	2	11.628	596733	25.0
(DEL) Alkane: S...	12.250	7.4	ug/L	177529	2	11.628	596733	25.0
Pentalene, octa...	12.335	10.1	ug/L	240033	2	11.628	596733	25.0
Benzene, propyl-	12.804	46.6	ug/L	864555	3	13.554	463914	25.0
Benzene, 1-ethy...	12.865	37.8	ug/L	700622	3	13.554	463914	25.0
Benzene, 1-ethy...	13.103	50.0	ug/L	928080	3	13.554	463914	25.0
(DEL) Alkane: S...	13.164	8.1	ug/L	150089	3	13.554	463914	25.0
o-Cymene	13.438	17.9	ug/L	331784	3	13.554	463914	25.0
p-Cymene	13.487	13.0	ug/L	240648	3	13.554	463914	25.0
Benzene, 1,3-di...	13.713	10.8	ug/L	199956	3	13.554	463914	25.0
Benzeneethanol,...	13.756	19.0	ug/L	352714	3	13.554	463914	25.0
Benzene, 1-meth...	13.798	13.0	ug/L	241281	3	13.554	463914	25.0
2-Indanol	13.944	14.2	ug/L	264104	3	13.554	463914	25.0
Benzene, 2-ethy...	14.005	17.7	ug/L	328016	3	13.554	463914	25.0
Benzene, 1-ethy...	14.091	32.8	ug/L	608820	3	13.554	463914	25.0
unknown-01	14.201	22.5	ug/L	417910	3	13.554	463914	25.0
Benzene, 1,3-di...	14.249	6.0	ug/L	111895	3	13.554	463914	25.0
Benzene, 1,2,4,...	14.335	13.4	ug/L	249012	3	13.554	463914	25.0
(DEL) Alkane: C...	14.383	7.5	ug/L	139862	3	13.554	463914	25.0
Benzene, 1,2,3,...	14.414	30.6	ug/L	567928	3	13.554	463914	25.0
Benzene, 1-ethy...	14.451	28.9	ug/L	535537	3	13.554	463914	25.0
Benzene, 1,3-di...	14.493	6.7	ug/L	123384	3	13.554	463914	25.0
3-Phenylbut-1-ene	14.682	10.6	ug/L	196903	3	13.554	463914	25.0
3,5-Dimethylben...	14.725	8.2	ug/L	152187	3	13.554	463914	25.0
1,3-Cyclopentad...	14.792	41.2	ug/L	764241	3	13.554	463914	25.0
Naphthalene, 1,...	14.950	7.5	ug/L	139203	3	13.554	463914	25.0
Benzene, 1,4-di...	15.060	15.7	ug/L	290728	3	13.554	463914	25.0
Azulene	15.359	645.6	ug/L	11979800	3	13.554	463914	25.0
Benzo[c]thiophene	15.463	9.4	ug/L	174343	3	13.554	463914	25.0
1H-Indene, 2,3-...	15.652	7.8	ug/L	143974	3	13.554	463914	25.0
Naphthalene, 2-...	16.438	114.2	ug/L	2119880	3	13.554	463914	25.0
Naphthalene, 1-...	16.639	79.5	ug/L	1474970	3	13.554	463914	25.0

Instrument :
MSVOA_W
ClientSampleId :
BGLG8