LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

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\SFAMWLM040722SMA.M
Title : SFAM01.0

Signal : TIC: VW022641.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.971	6	11	21	rBV2	47303	92956	4.16%	0.478%
2	2.190	39	47	54	rBV	76820	125000	5.59%	0.643%
3	2.361	66	75	86	rBV	346957	609881	27.30%	3.138%
4	2.459	89	91	99	rVB5	6057	10451	0.47%	0.054%
5	2.581	107	111	116	rBV5	4725	9139	0.41%	0.047%
6	2.642	116	121	124	rBV5	8479	16920	0.76%	0.087%
7	2.898	155	163	172	rBV	71170	155953	6.98%	0.802%
8	3.032	177	185	198	rBV	249911	605558	27.10%	3.115%
9	3.306	224	230	237	rBV	12488	26111	1.17%	0.134%
10	3.398	237	245	260	rVB2	227138	537928	24.08%	2.767%
11	3.593	272	277	286	rVB4	6103	15412	0.69%	0.079%
12	4.025	335	348	362	rBV	122503	365120	16.34%	1.878%
13	4.391	398	408	419	rBV2	37136	114408	5.12%	0.589%
14	4.794	465	474	480	rBV7	4321	12481	0.56%	0.064%
15	4.964	484	502	524	rVV5	91738	552053	24.71%	2.840%
16	5.446	568	581	595	rVV	61139	205661	9.20%	1.058%
17	5.793	627	638	647	rBV5	19692	57869	2.59%	0.298%
18	5.946	652	663	676	rBV	180930	538430	24.10%	2.770%
19	6.988	823	834	843	rBV	106952	315407	14.12%	1.623%
20	7.080	843	849	858	rVV2	34538	85598	3.83%	0.440%
21	7.653	932	943	958	rBV	235616	594912	26.63%	3.061%
22	7.958	978	993	1000	rBV3	88164	352689	15.79%	1.814%
23	8.037	1000	1006	1017	rVB2	26788	70472	3.15%	0.363%
24	8.159	1017	1026	1033	rBV	73185	168073	7.52%	0.865%
25	8.281	1034	1046	1049	rBV	389587	917676	41.07%	4.721%
26	8.433	1062	1071	1078	rBV4	40474	109589	4.90%	0.564%
27	8.506	1078	1083	1088	rVV3	30306	69329	3.10%	0.357%
28	8.580	1088	1095	1104	rVB2	71946	173391	7.76%	0.892%
29	8.695	1106	1114	1123	rVB2	162557	313435	14.03%	1.613%
30	8.842	1129	1138	1153	rBV	501287	1020062	45.65%	5.248%
31	9.079	1170	1177	1184	rBV9	8941	25386	1.14%	0.131%
32	9.275	1200	1209	1214	rBV	286501	596717	26.71%	3.070%
33	9.335	1214	1219	1226	rVB	216563	420099	18.80%	2.161%
34	9.518	1241	1249	1256	rVV	48246	93134	4.17%	0.479%
35	9.610	1256	1264	1270	rVV2	24967	52593	2.35%	0.271%
36	9.750	1280	1287	1298	rVB2	30073	64446	2.88%	0.332%

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Sample : N2562-11
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

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\SFAMWLM040722SMA.M
Title : SFAM01.0

37	9.896	1305	1311	1315	rBV3	15823	30864	1.38%	0.159%
38	9.957	1315	1321	1329	rVV2	50713	117088	5.24%	0.602%
39	10.037	1329	1334	1339	rVV	117378	211085	9.45%	1.086%
40	10.091	1339	1343	1356	rVB3	37405	97919	4.38%	0.504%
41	10.207	1356	1362	1365	rBV5	6626	12460	0.56%	0.064%
42	10.323	1373	1381	1386	rBV	522461	945014	42.30%	4.862%
43	10.390	1386	1392	1398	rVV	1261993	2234311	100.00%	11.495%
44	10.445	1398	1401	1404	rVV4	24722	41762	1.87%	0.215%
45	10.506	1404	1411	1417	rVB2	126735	252379	11.30%	1.298%
46	10.579	1417	1423	1428	rBV	65576	116644	5.22%	0.600%
47	10.622	1428	1430	1432	rVV2	11485	13464	0.60%	0.069%
48	10.665	1432	1437	1447	rVB3	33987	69443	3.11%	0.357%
49	10.762	1447	1453	1462	rVB6	14022	29304	1.31%	0.151%
50	10.847	1462	1467	1472	rVB7	8241	15372	0.69%	0.079%
51	10.927	1472	1480	1489	rBV	145945	271235	12.14%	1.395%
52	11.036	1494	1498	1500	rVV4	6326	11133	0.50%	0.057%
53	11.067	1500	1503	1505	rVV4	10296	15054	0.67%	0.077%
54	11.103	1505	1509	1513	rVV3	20584	33585	1.50%	0.173%
55	11.177	1513	1521	1525	rVV	52548	92505	4.14%	0.476%
56	11.225	1525	1529	1535	rVB3	21304	43906	1.97%	0.226%
57	11.335	1542	1547	1552	rVB3	18915	31934	1.43%	0.164%
58	11.414	1552	1560	1570	rVB8	17145	53630	2.40%	0.276%
59	11.512	1570	1576	1580	rBV2	14266	24445	1.09%	0.126%
60	11.561	1580	1584	1588	rVB5	6784	9842	0.44%	0.051%
61	11.628	1588	1595	1605	rBV	486683	852361	38.15%	4.385%
62	11.731	1605	1612	1619	rBV	410887	676280	30.27%	3.479%
63	11.835	1619	1629	1638	rVV	436963	839852	37.59%	4.321%
64	11.908	1638	1641	1647	rVB5	16952	33810	1.51%	0.174%
65	11.975	1647	1652	1658	rVB8	6546	12455	0.56%	0.064%
66	12.164	1670	1683	1691	rBV	172143	313786	14.04%	1.614%
67	12.304	1700	1706	1707	rBV4	6368	10237	0.46%	0.053%
68	12.341	1707	1712	1713	rBV2	20940	30698	1.37%	0.158%
69	12.463	1727	1732	1737	rVB	41957	68317	3.06%	0.351%
70	12.603	1752	1755	1760	rVB5	10835	17818	0.80%	0.092%
71	12.689	1762	1769	1776	rBV	221308	365274	16.35%	1.879%
72	12.798	1779	1787	1792	rVV	60169	102080	4.57%	0.525%
73	12.865	1792	1798	1801	rVV	69684	116521	5.22%	0.599%
74	12.896	1801	1803	1806	rVV	37151	54623	2.44%	0.281%
75	12.939	1806	1810	1816	rVB2	53772	100037	4.48%	0.515%
76	13.103	1829	1837	1843	rVB	40061	72759	3.26%	0.374%

LSC Area Percent Report

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Sample : N2562-11
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

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\SFAMWLM040722SMA.M
Title : SFAM01.0

77	13.249	1855	1861	1867	rBV	162773	247125	11.06%	1.271%
78	13.384	1876	1883	1888	rBV2	16077	33082	1.48%	0.170%
79	13.438	1888	1892	1893	rBV2	11461	15171	0.68%	0.078%
80	13.554	1905	1911	1921	rBV2	225922	451091	20.19%	2.321%
81	13.749	1931	1943	1947	rBV2	20527	51169	2.29%	0.263%
82	13.786	1947	1949	1953	rVV2	15695	25988	1.16%	0.134%
83	13.853	1953	1960	1968	rVV	177175	333529	14.93%	1.716%
84	13.944	1971	1975	1979	rVB	10610	16221	0.73%	0.083%
85	14.005	1980	1985	1987	rBV2	14054	20425	0.91%	0.105%
86	14.036	1988	1990	1995	rVV2	17702	24736	1.11%	0.127%
87	14.091	1995	1999	2006	rVB3	19792	36347	1.63%	0.187%
88	14.200	2012	2017	2023	rVB2	20980	35897	1.61%	0.185%
89	14.335	2033	2039	2043	rBV4	17921	32170	1.44%	0.166%
90	14.414	2049	2052	2055	rBV2	8756	12014	0.54%	0.062%
91	14.450	2055	2058	2062	rVB	12714	17035	0.76%	0.088%
92	14.639	2083	2089	2092	rVB5	6716	9772	0.44%	0.050%
93	14.688	2092	2097	2099	rBV5	7295	12084	0.54%	0.062%
94	14.786	2109	2113	2122	rBV5	18154	46659	2.09%	0.240%
95	15.060	2154	2158	2162	rBV6	7394	14994	0.67%	0.077%
96	15.176	2170	2177	2181	rVV5	9078	19782	0.89%	0.102%
97	15.359	2204	2207	2212	rVB2	5444	8172	0.37%	0.042%
98	15.469	2219	2225	2229	rBV7	5677	10371	0.46%	0.053%
99	15.804	2274	2280	2287	rBV10	4138	11407	0.51%	0.059%
100	16.170	2330	2340	2347	rBV10	4713	16728	0.75%	0.086%

Sum of corrected areas: 19437594

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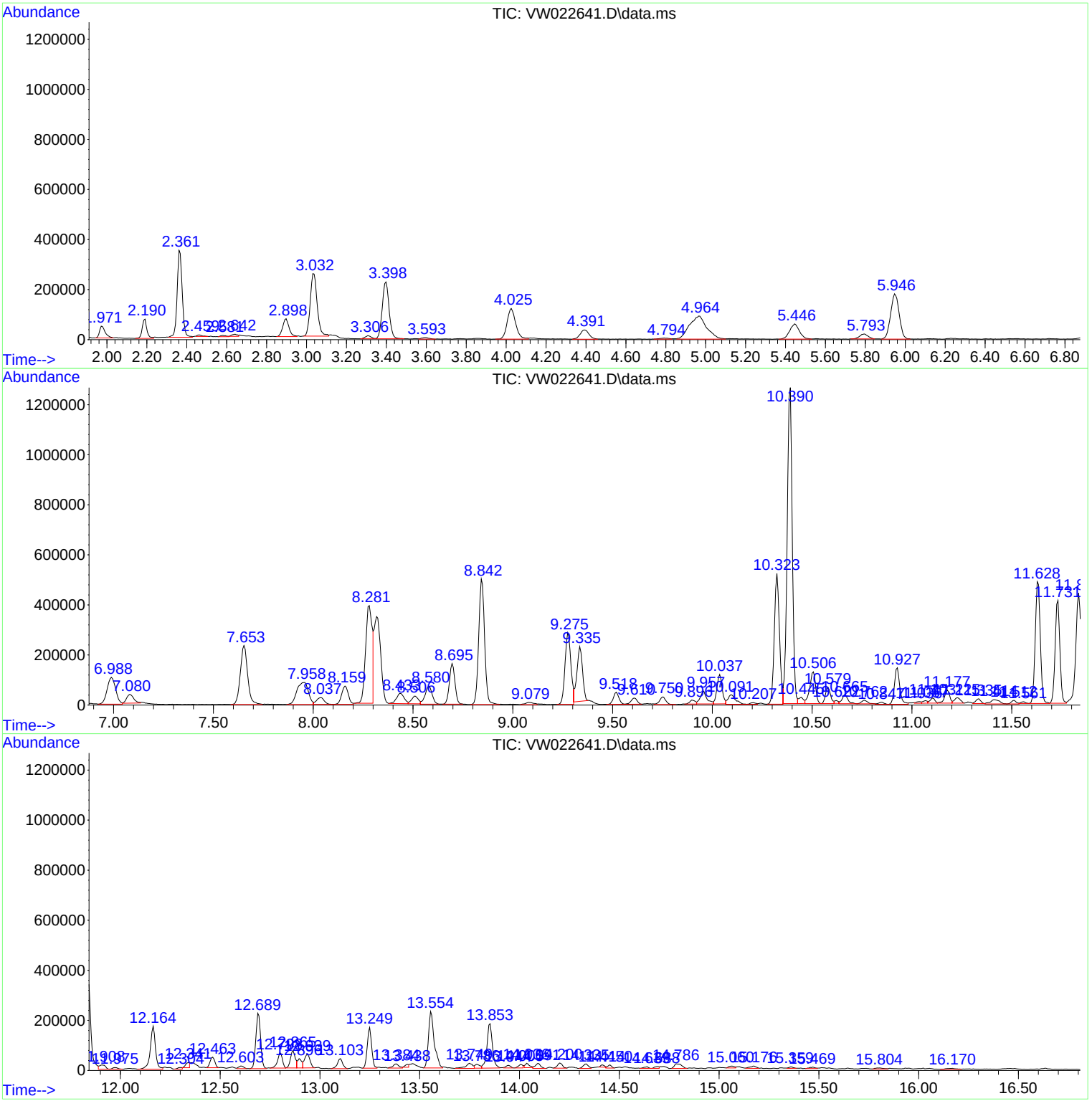
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
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Instrument :
MSVOA_W
ClientSampleId :
EW472

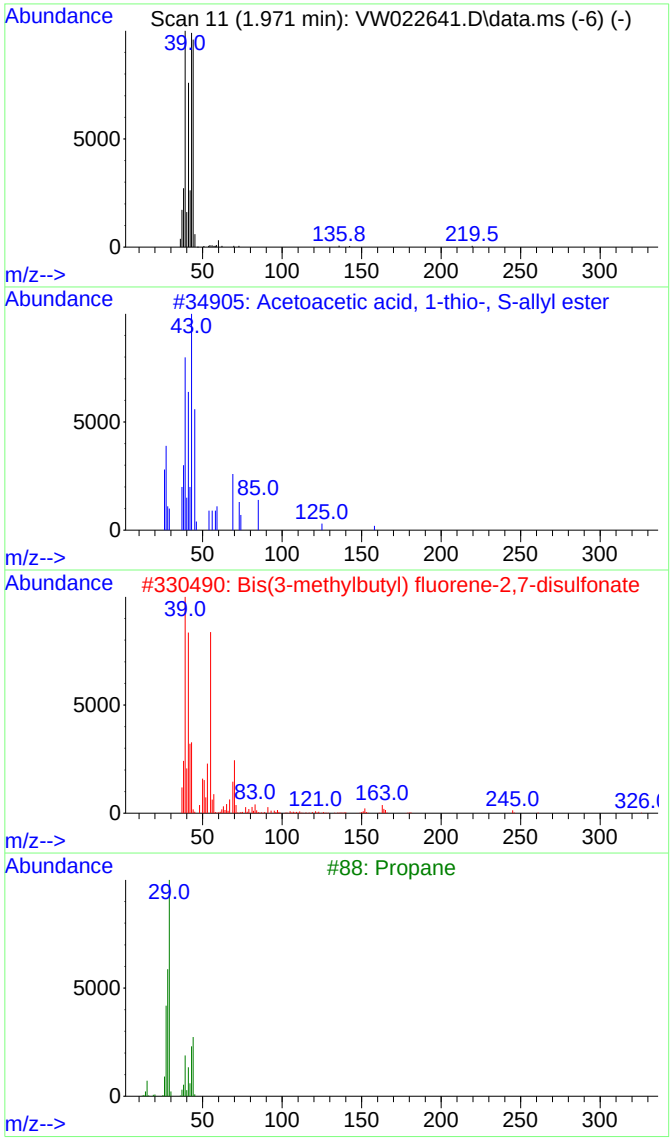
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

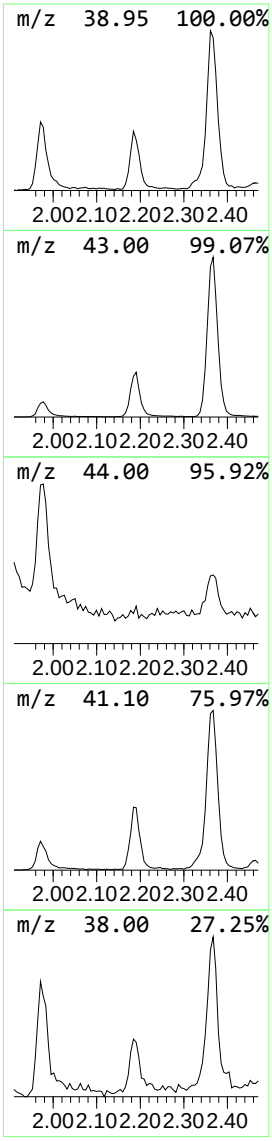
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetoacetic acid, 1-thio-, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.971	2.28 ug/L	92956	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	64
2	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	64
3	Propane	44	C3H8	000074-98-6	40
4	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	38
5	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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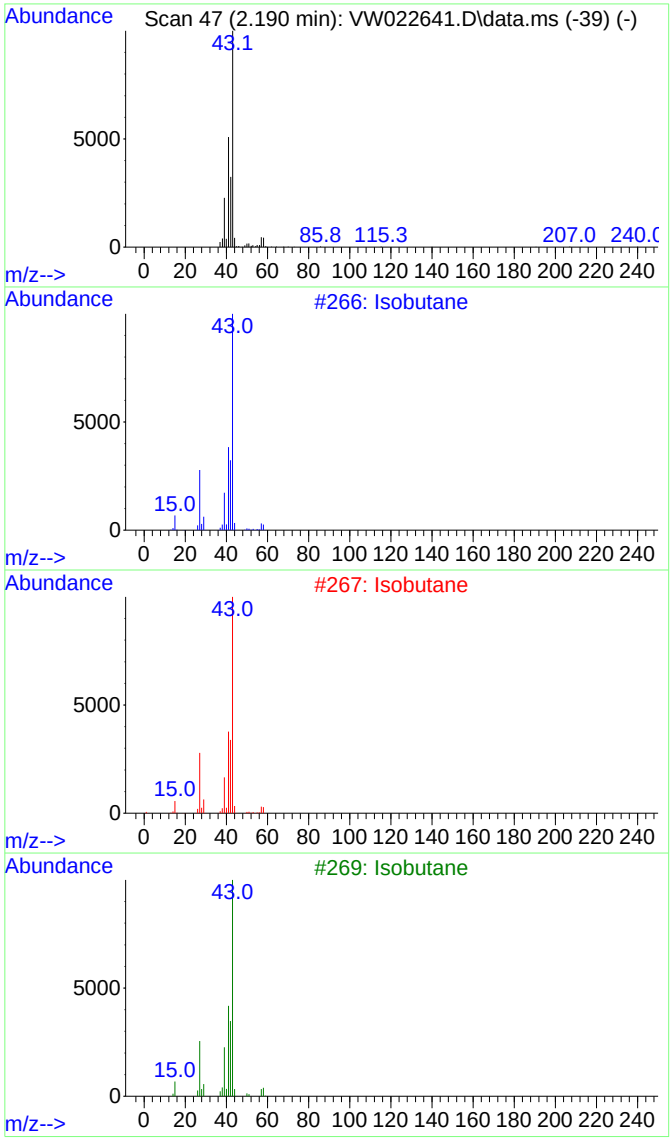
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

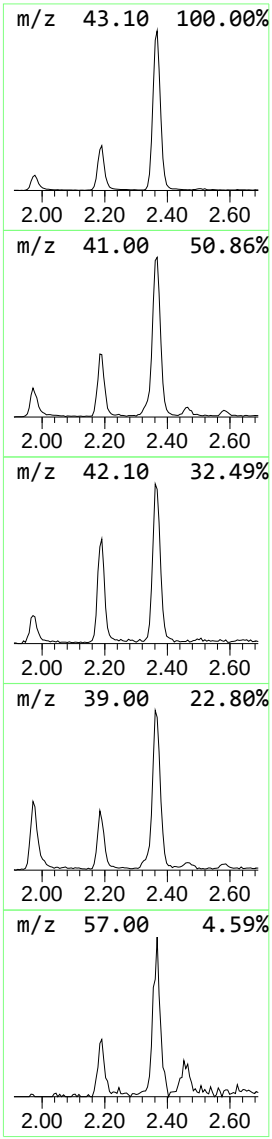
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.190	3.06 ug/L	125000	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	59
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
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MSVOA_W
ClientSampleId :
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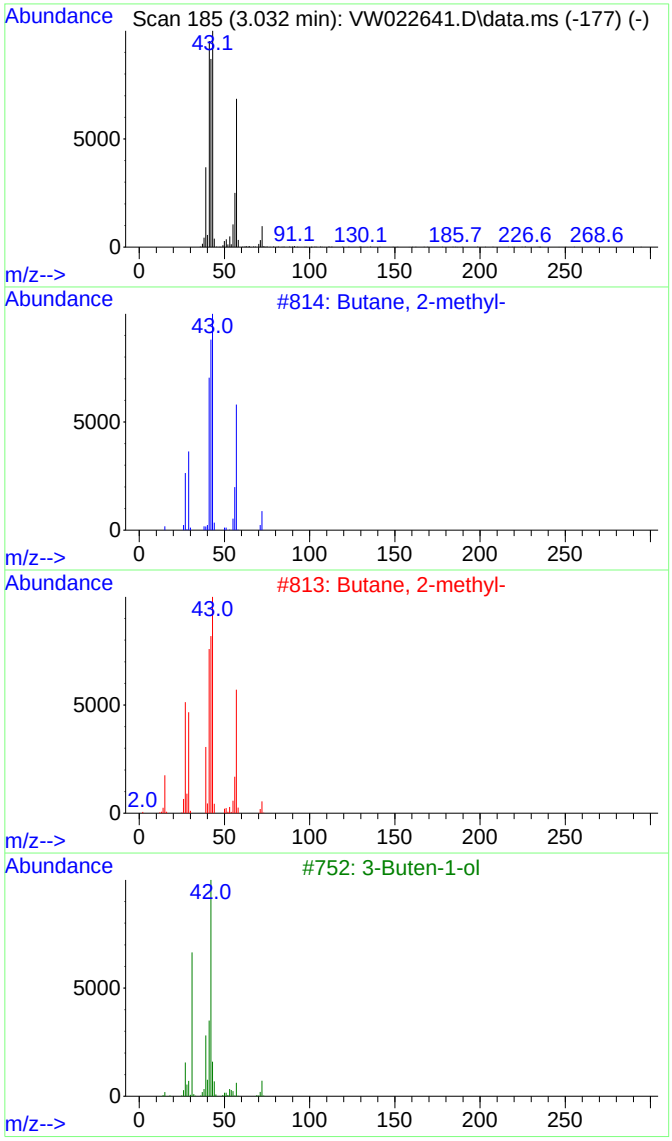
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

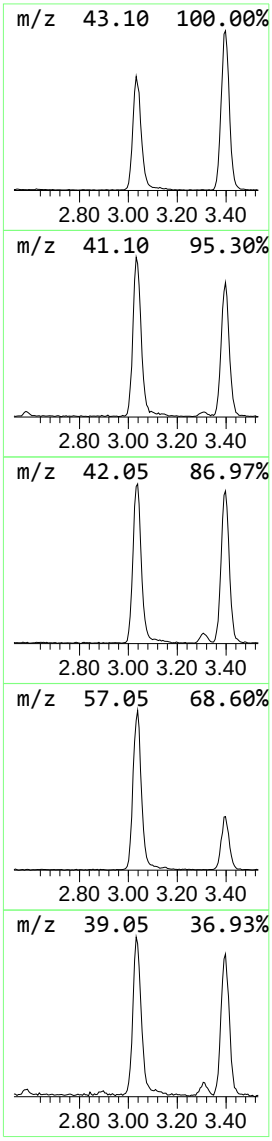
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	14.84 ug/L	605558	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	36
5	Pentane	72	C5H12	000109-66-0	33





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MSVOA_W
ClientSampleId :
EW472

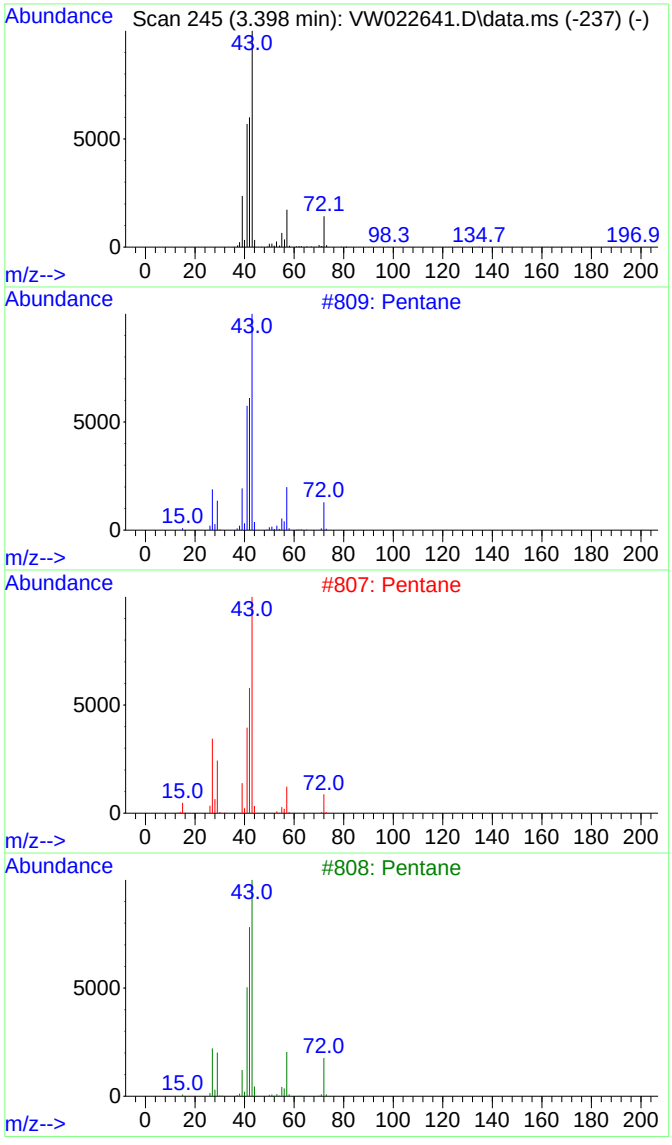
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

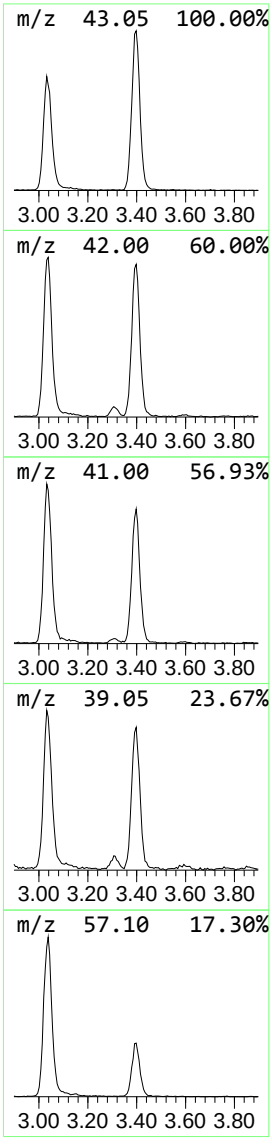
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.398	13.18 ug/L	537928	1,4-Difluorobenzene	8.842

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

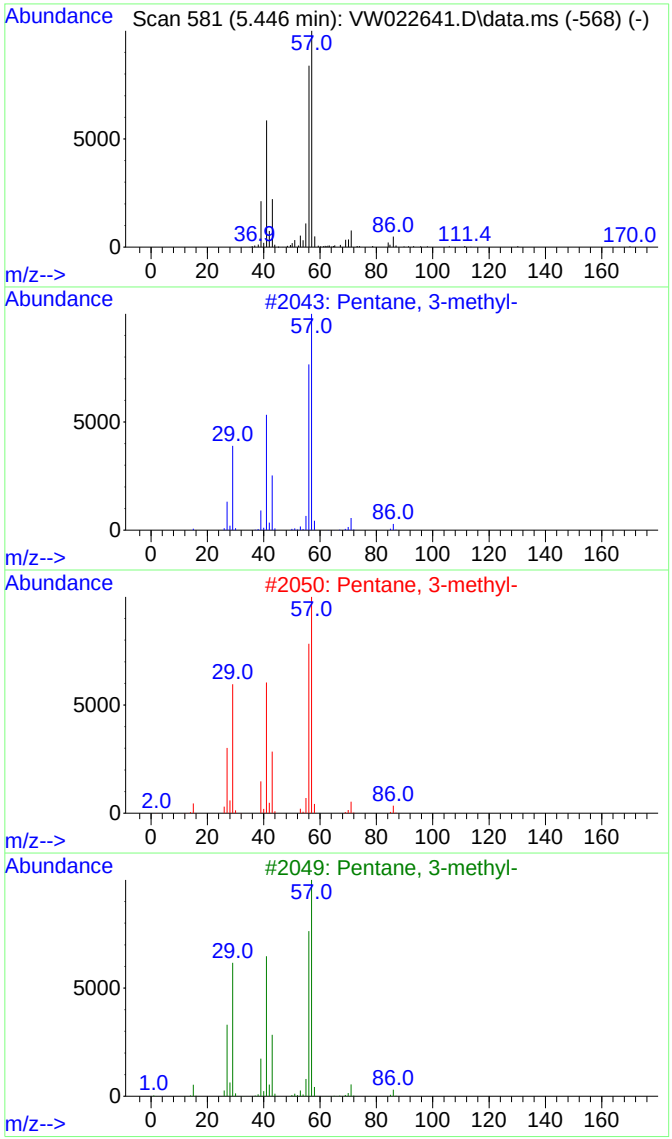
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

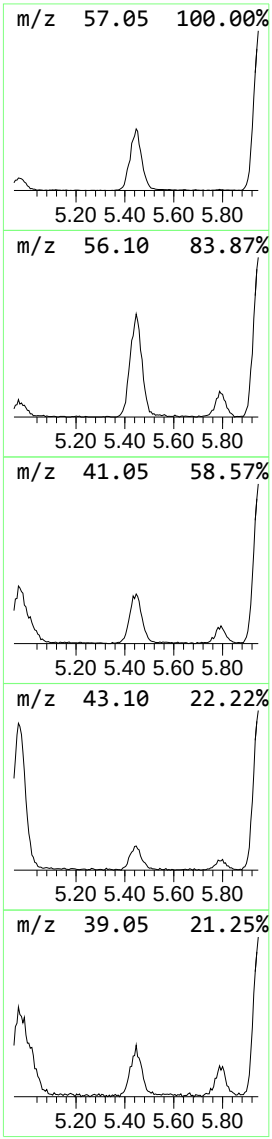
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	5.04 ug/L	205661	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	72
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

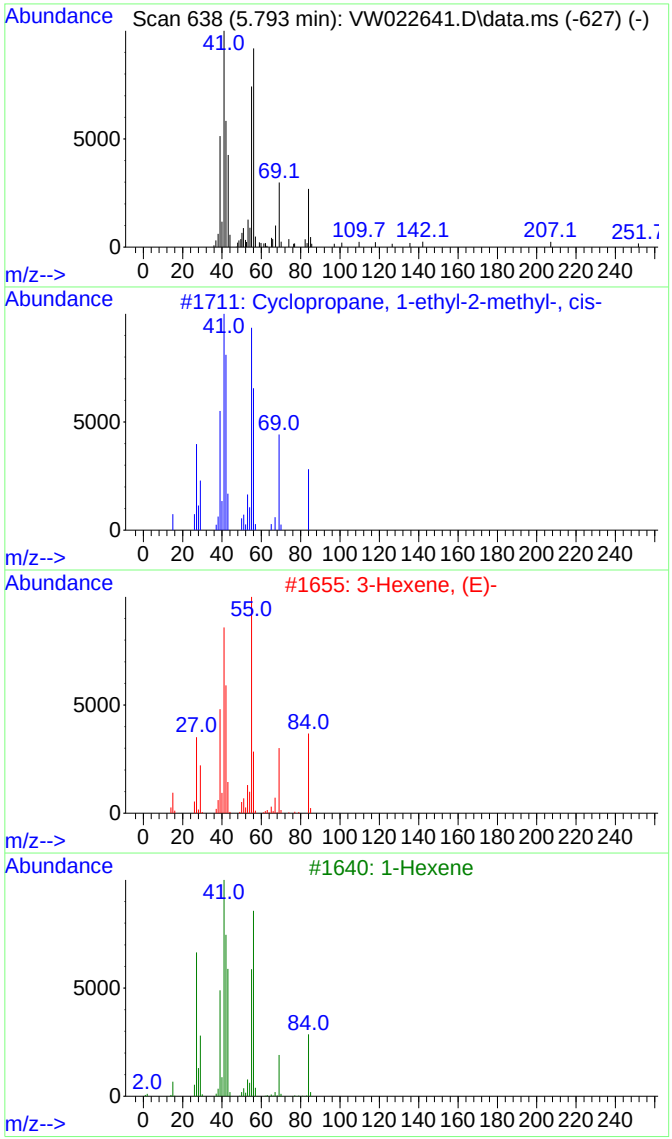
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

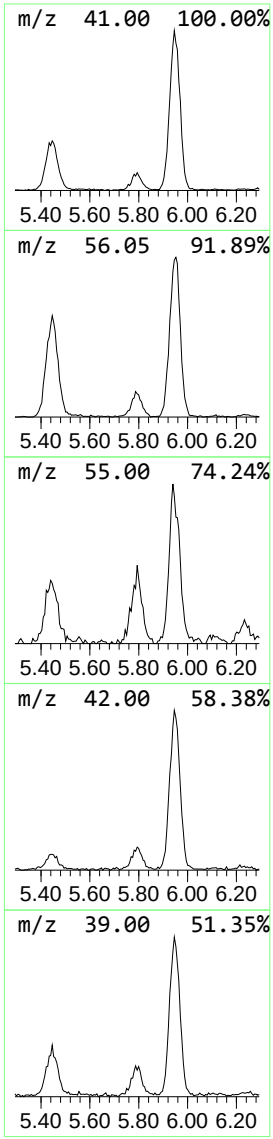
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.793 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.793	1.42 ug/L	57869	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	92
2	3-Hexene, (E)-	84	C6H12	013269-52-8	64
3	1-Hexene	84	C6H12	000592-41-6	62
4	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	53
5	1-Hexene	84	C6H12	000592-41-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

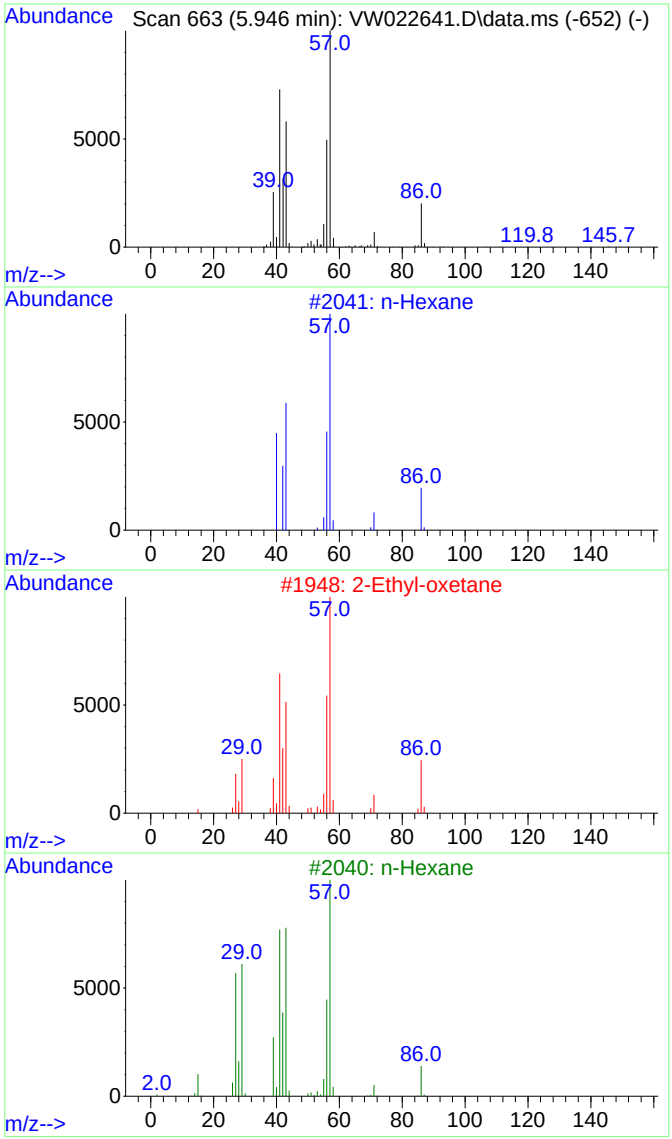
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

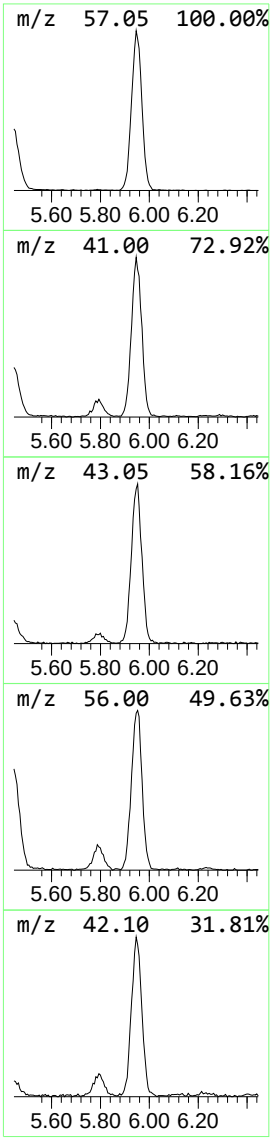
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	13.20 ug/L	538430	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	53
5	Azetidine	57	C3H7N	000503-29-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

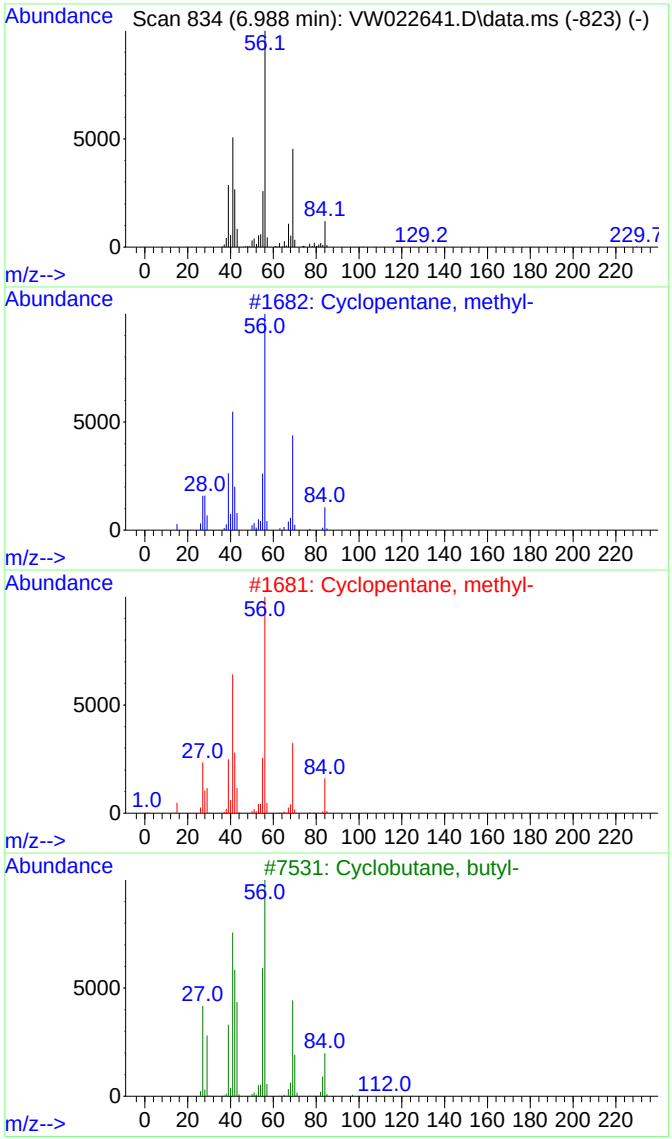
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

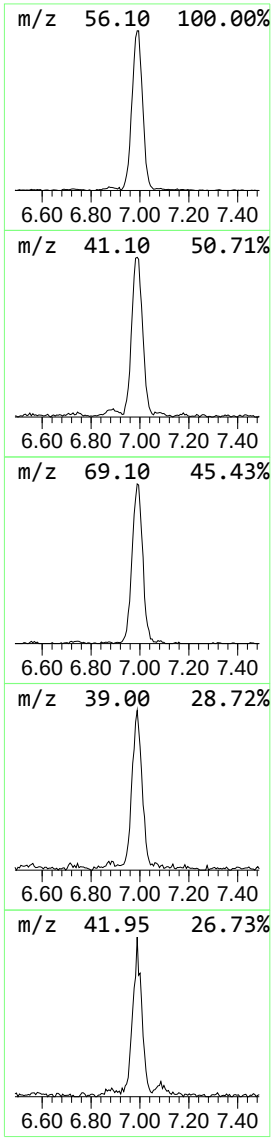
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic6.988 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	7.73 ug/L	315407	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclobutane, butyl-	112	C8H16	013152-44-8	72
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

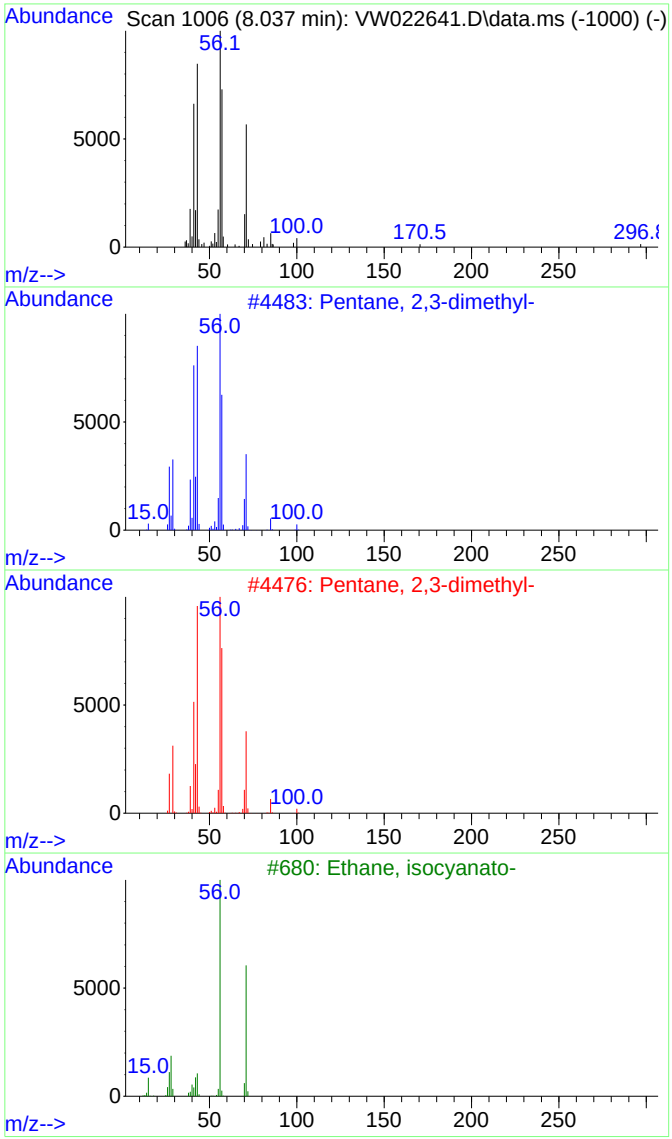
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

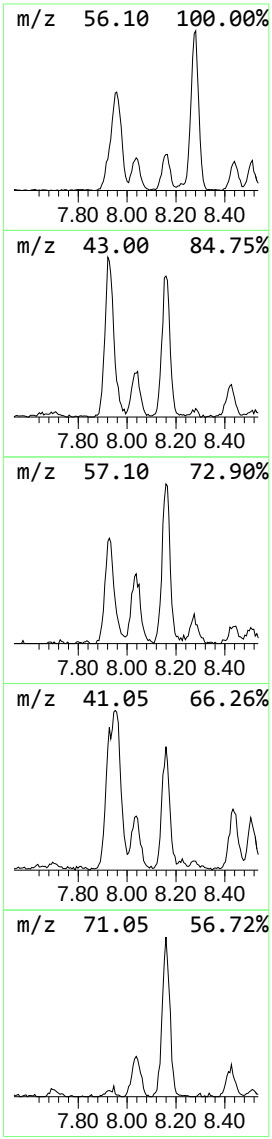
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	1.73 ug/L	70472	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Ethane, isocyanato-	71	C3H5NO	000109-90-0	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	52
5	Hexyl octyl ether	214	C14H30O	017071-54-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

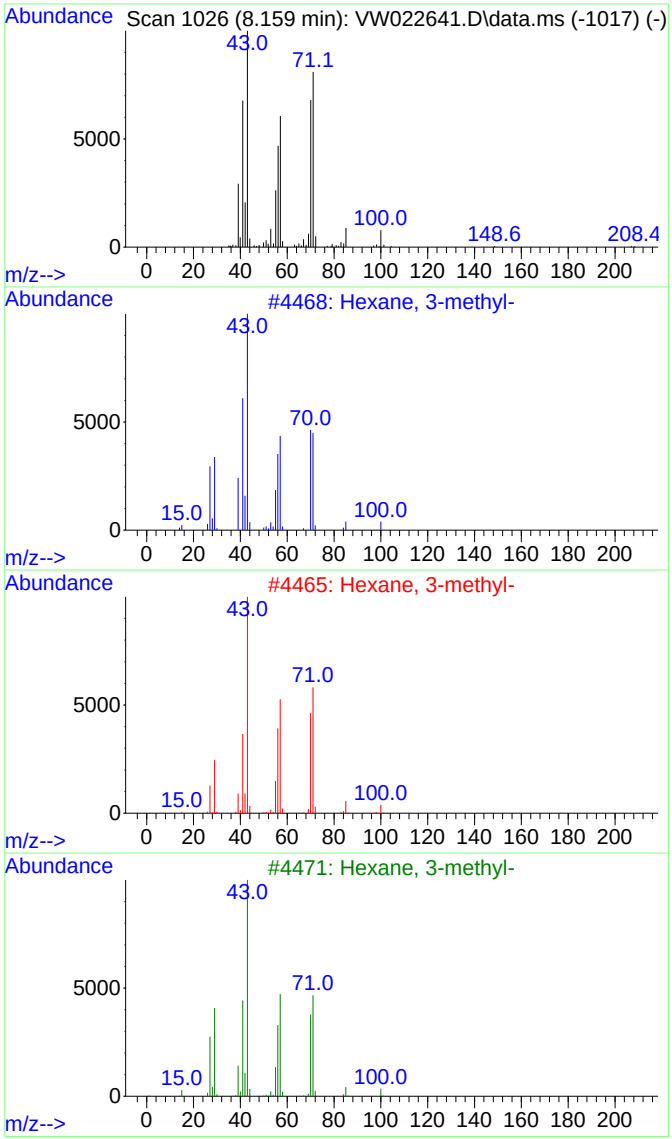
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

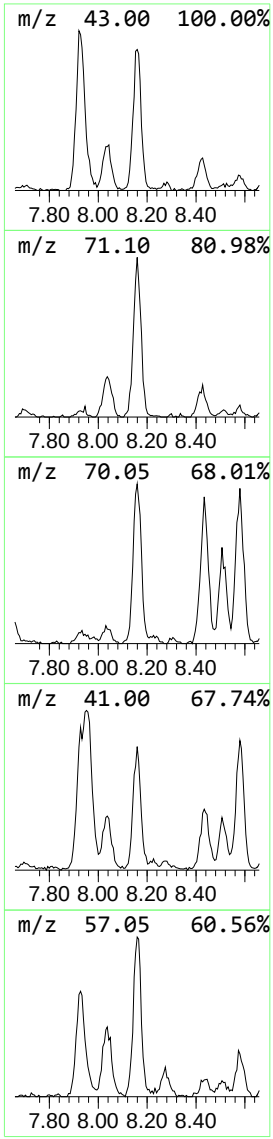
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	4.12 ug/L	168073	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

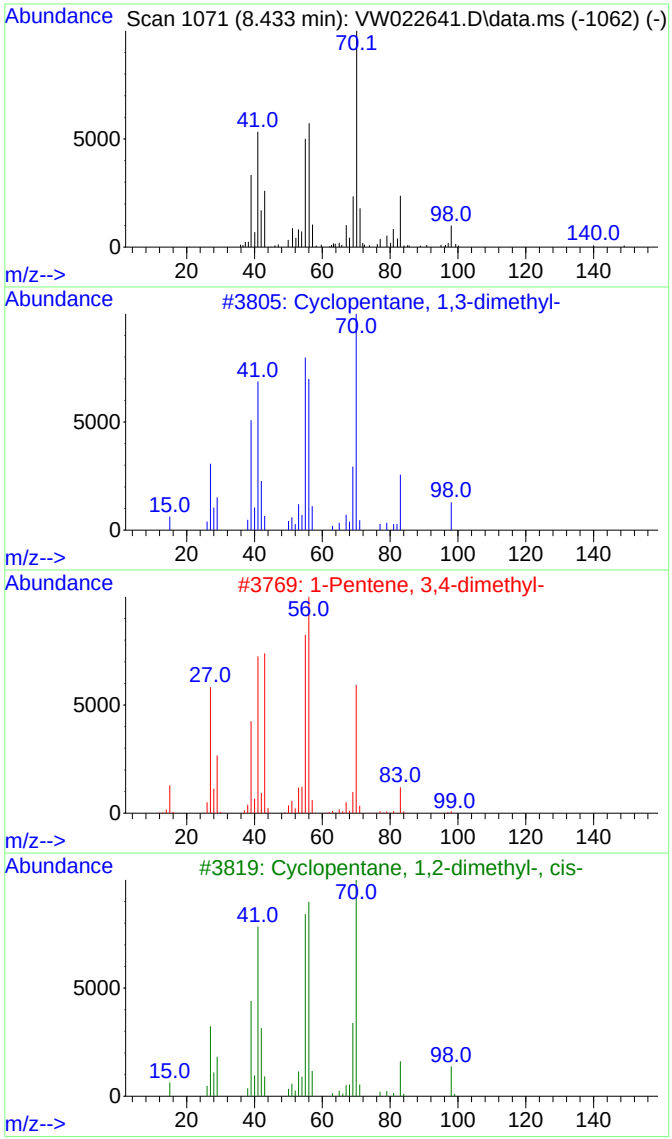
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

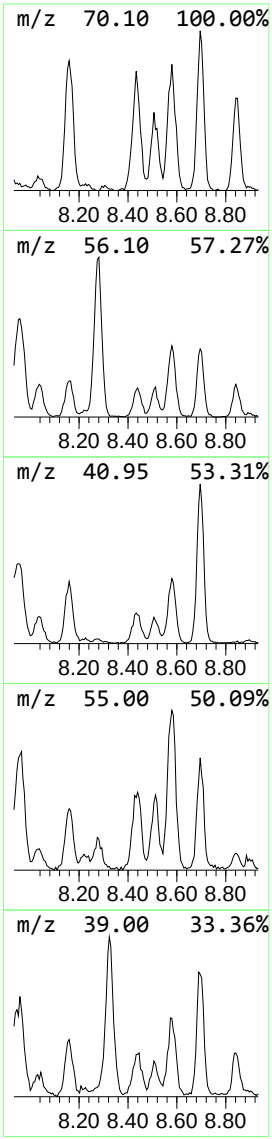
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.433 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	2.69 ug/L	109589	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
2	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	64
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	58
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

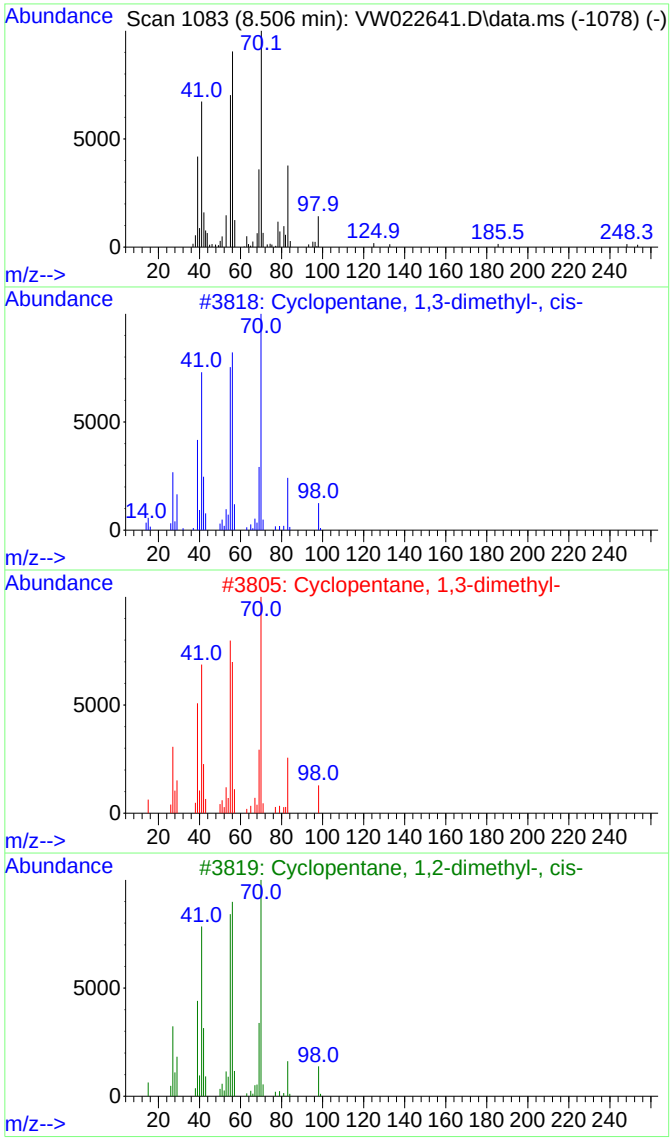
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

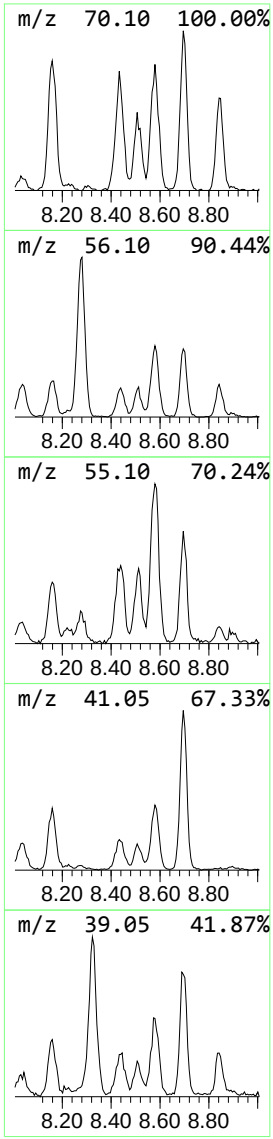
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic8.506 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.506	1.70 ug/L	69329	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	76
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

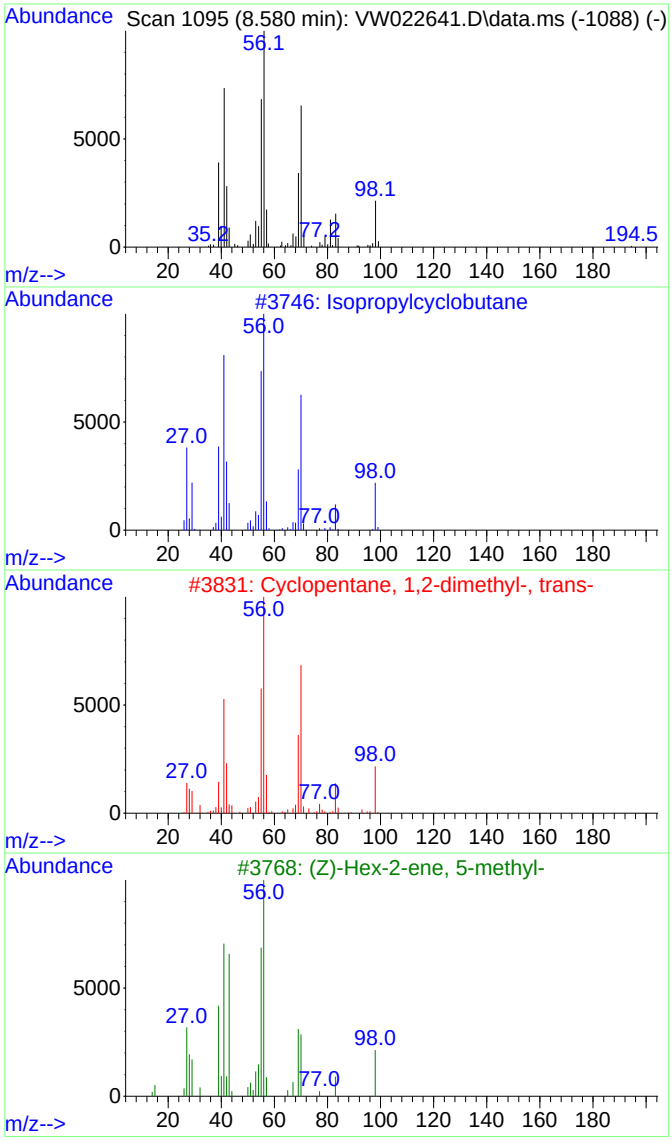
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

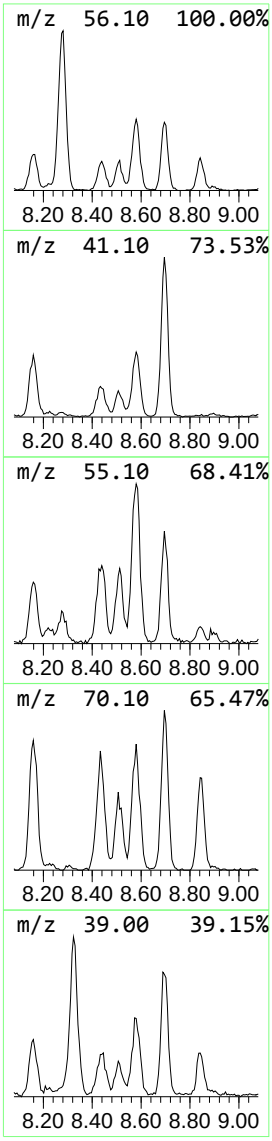
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic8.580 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.580	4.25 ug/L	173391	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	96
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	93
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	81
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

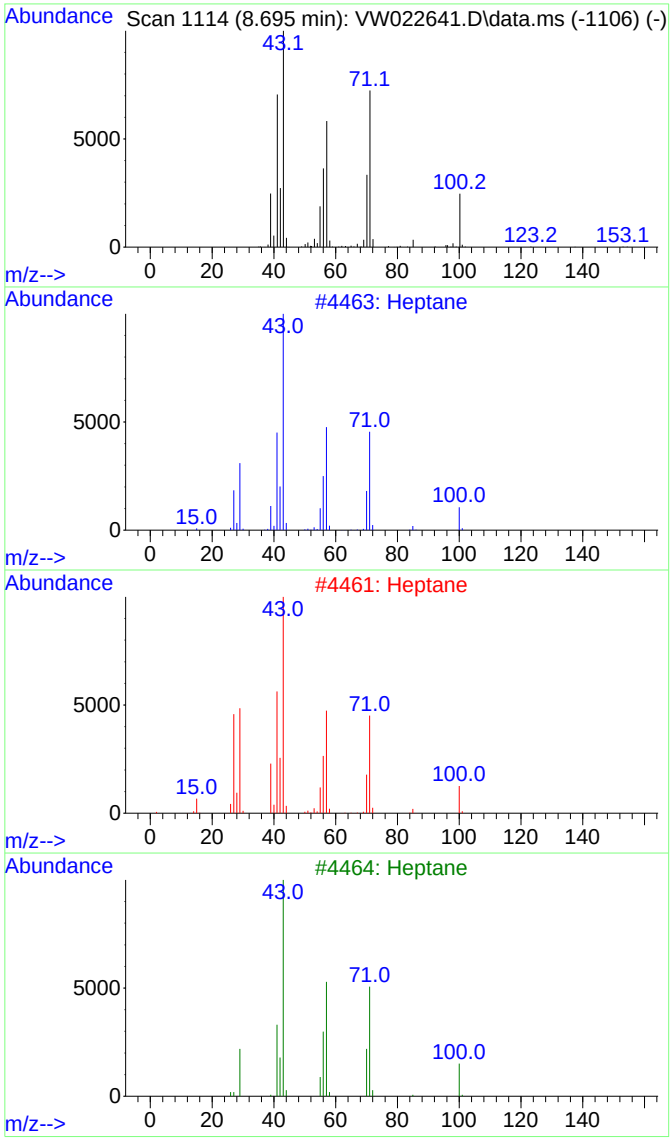
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

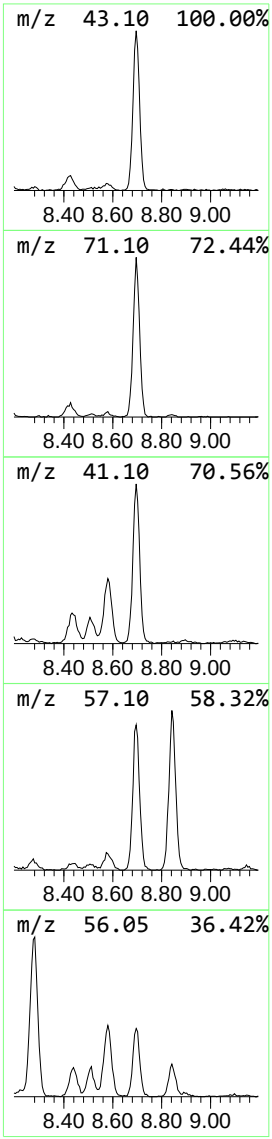
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	7.68 ug/L	313435	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Heptane	100	C7H16	000142-82-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

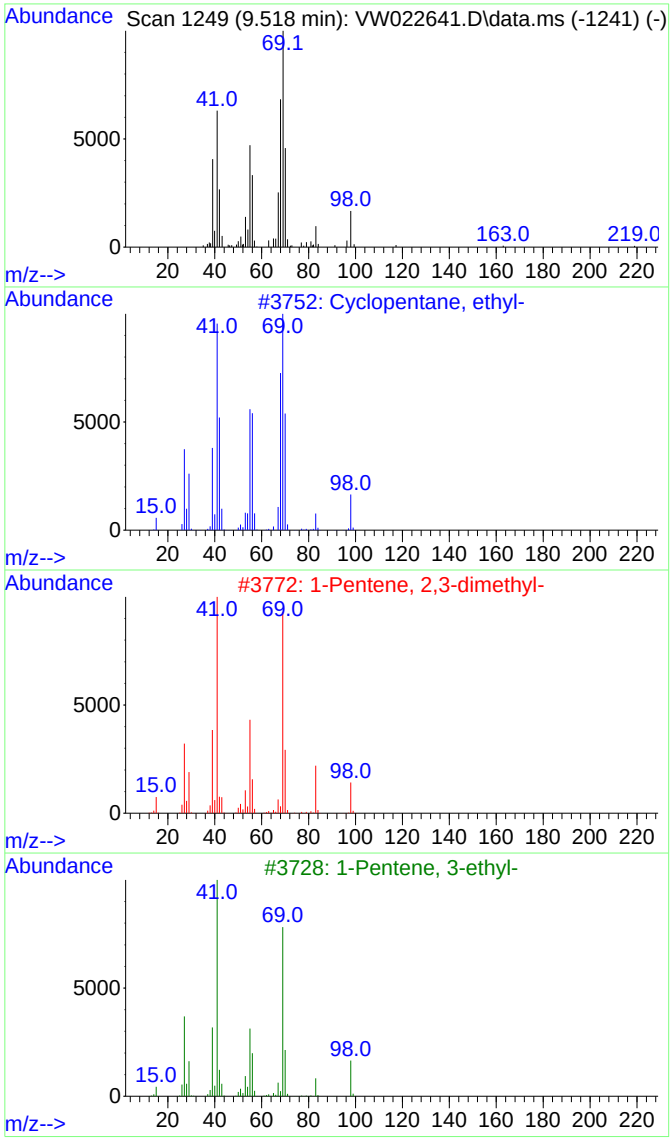
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

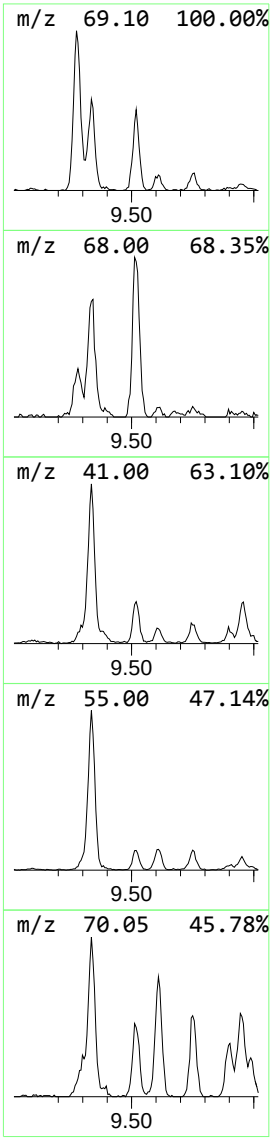
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.518 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	2.28 ug/L	93134	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	76
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	49
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
4	Acetic acid, trifluoro-, 1,5-pen...	296	C9H10F6O4	000453-44-1	43
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

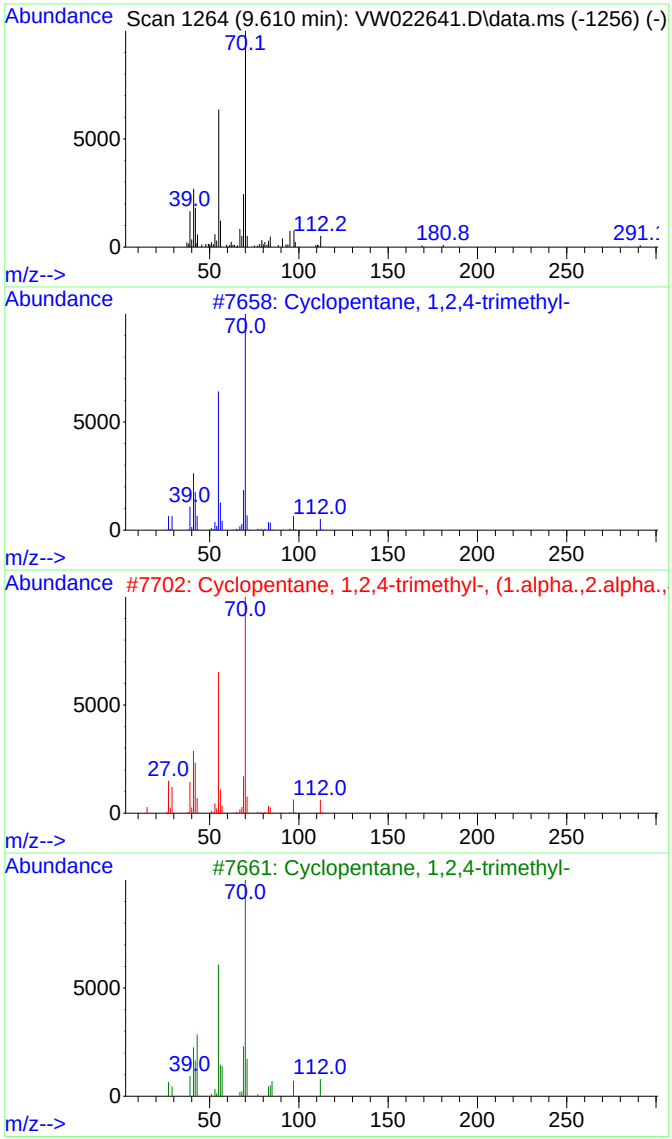
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

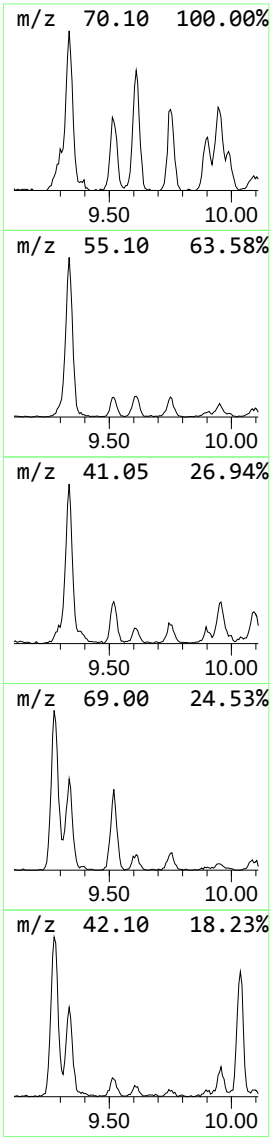
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic9.610 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	1.29 ug/L	52593	1,4-Difluorobenzene	8.842

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	004850-28-6	86
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	78
4	Tridecane, 3-methylene-	196	C14H28	019780-34-8	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

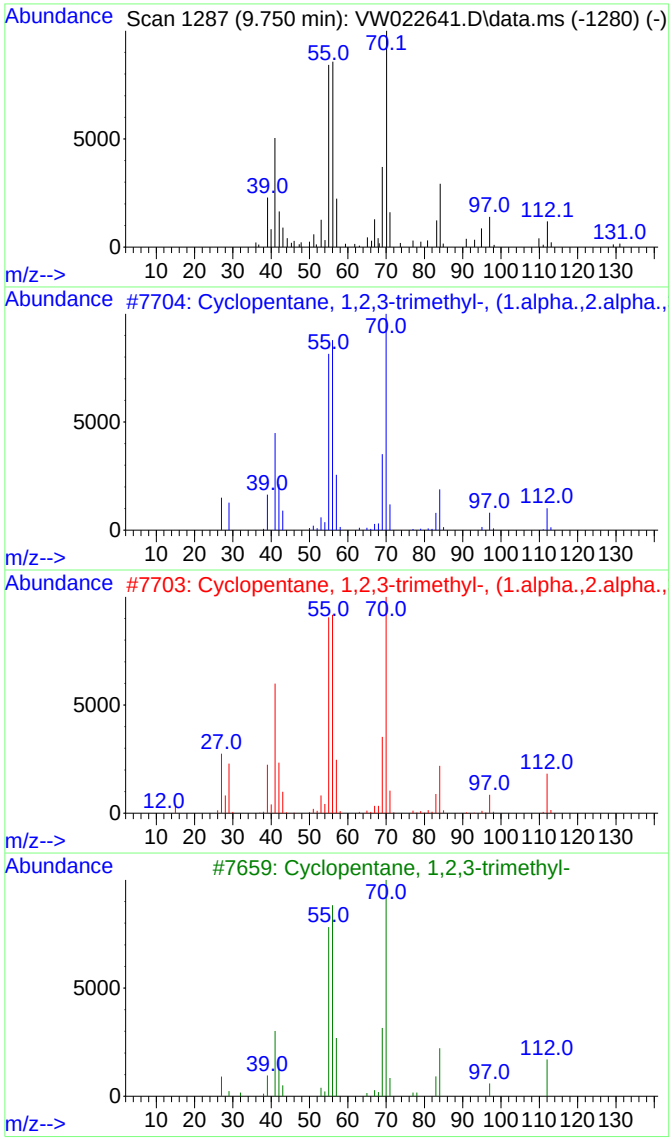
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

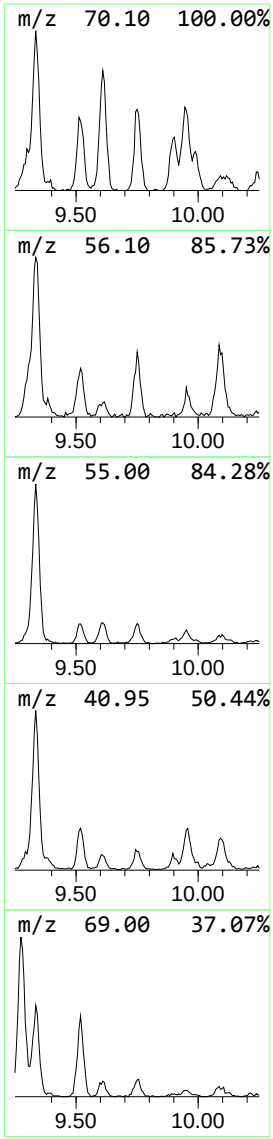
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.750 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	1.58 ug/L	64446	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	86
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	68
5	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

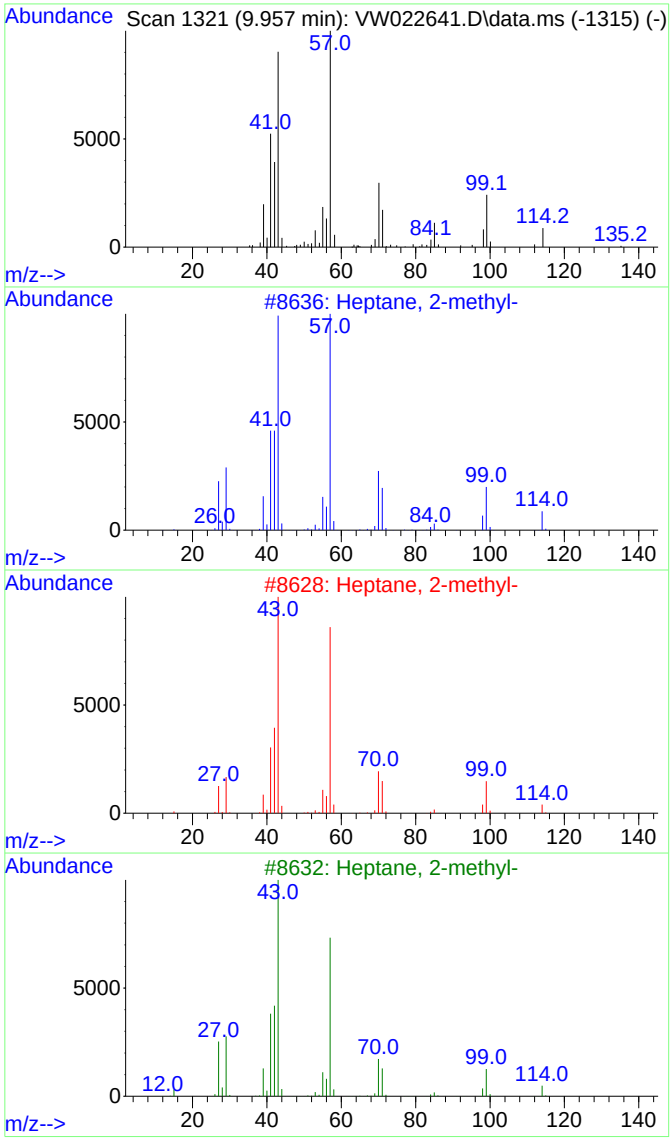
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

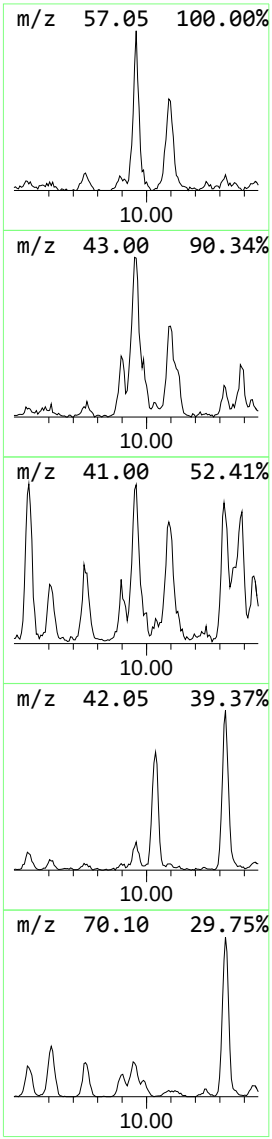
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	2.87 ug/L	117088	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

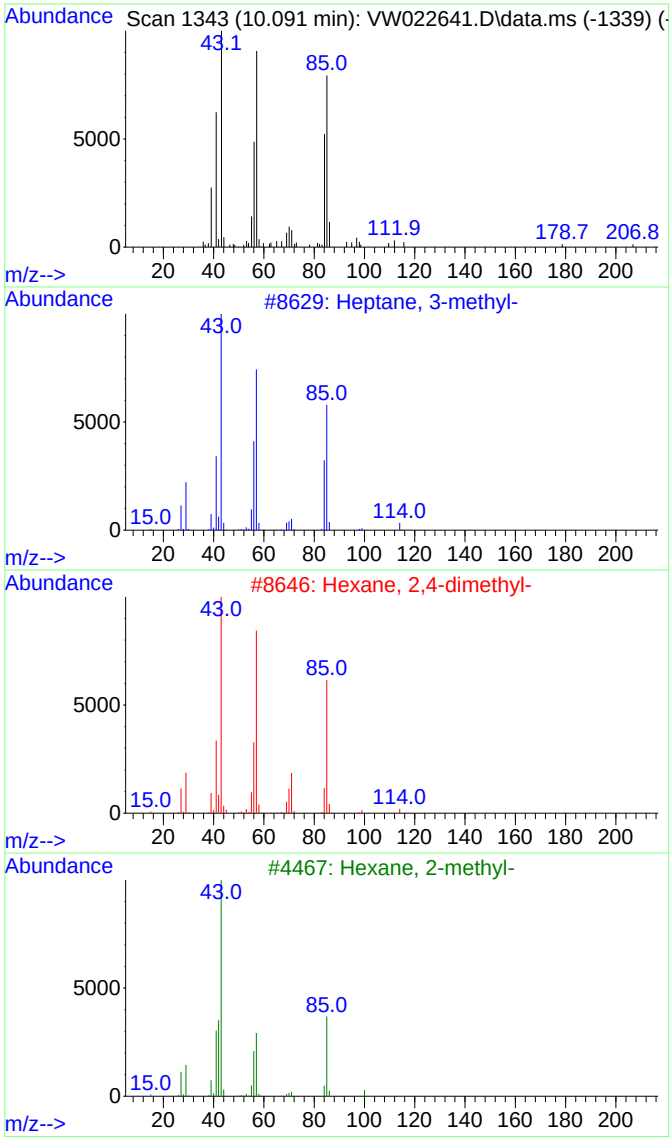
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

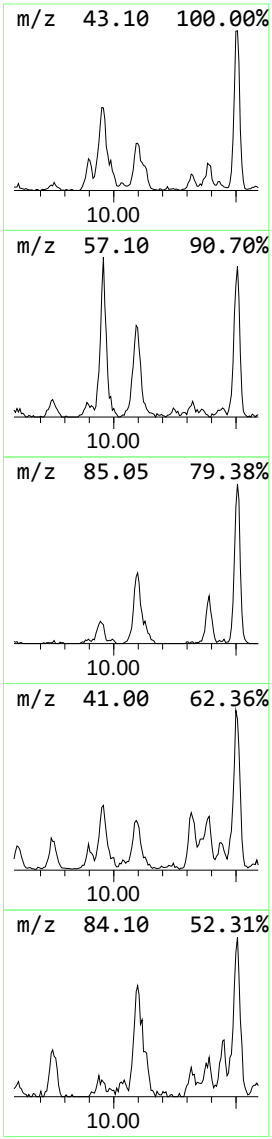
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	2.40 ug/L	97919	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	56
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

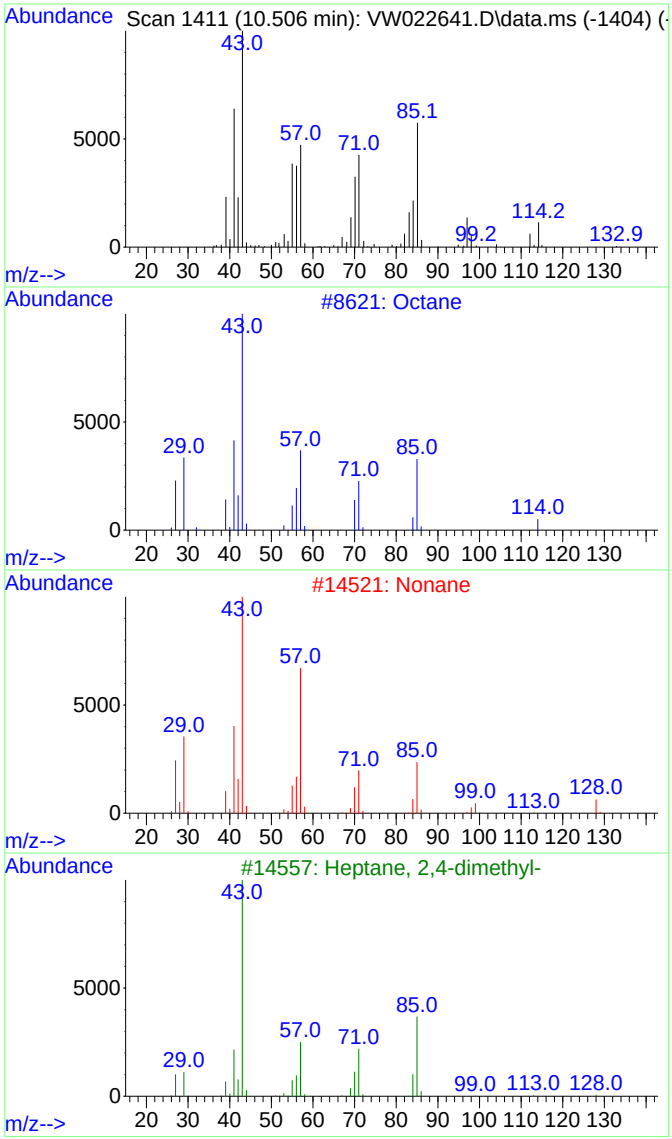
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

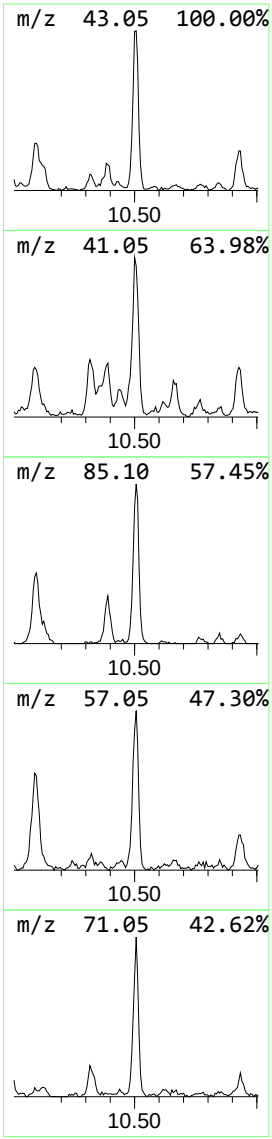
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	7.40 ug/L	252379	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	80
2	Nonane	128	C9H20	000111-84-2	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

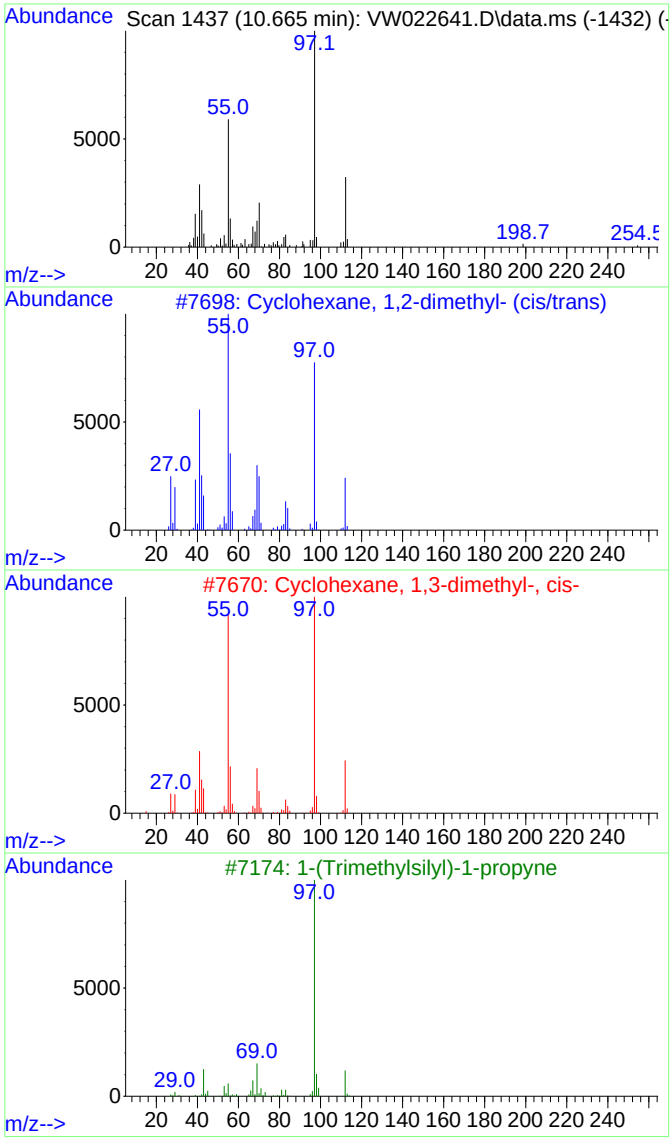
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

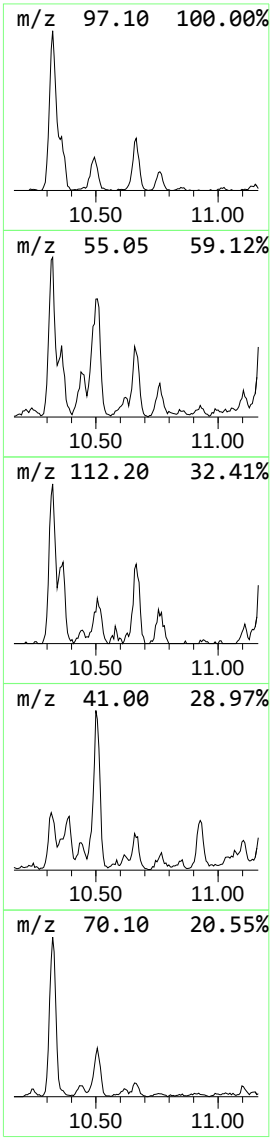
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic10.665 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	2.04 ug/L	69443	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	53
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	50
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

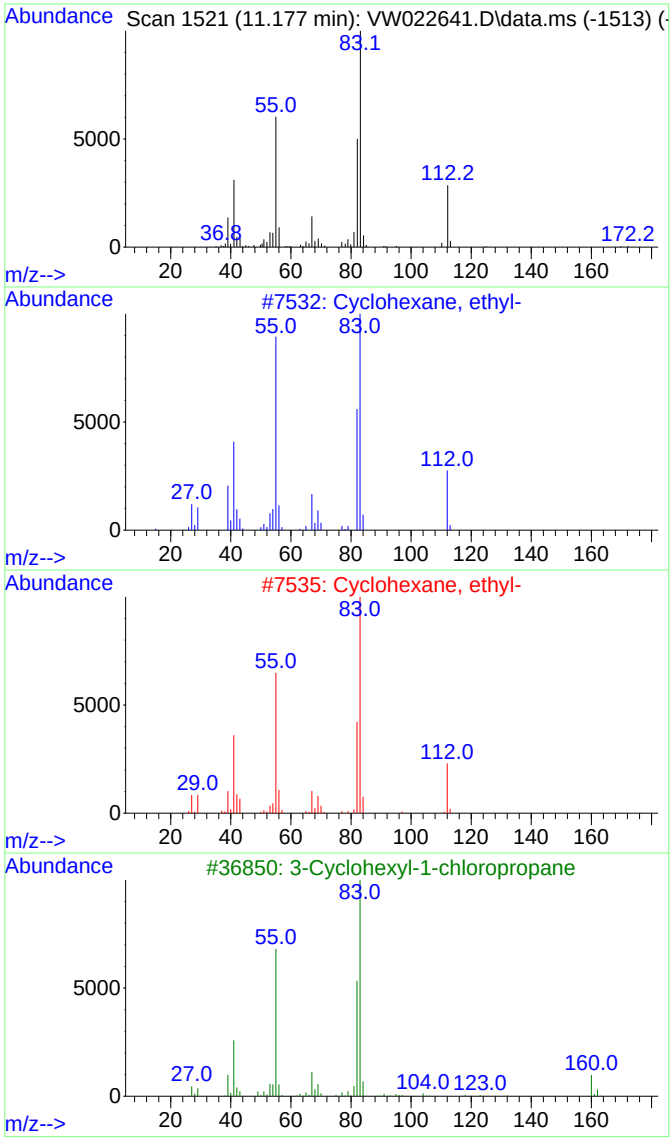
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

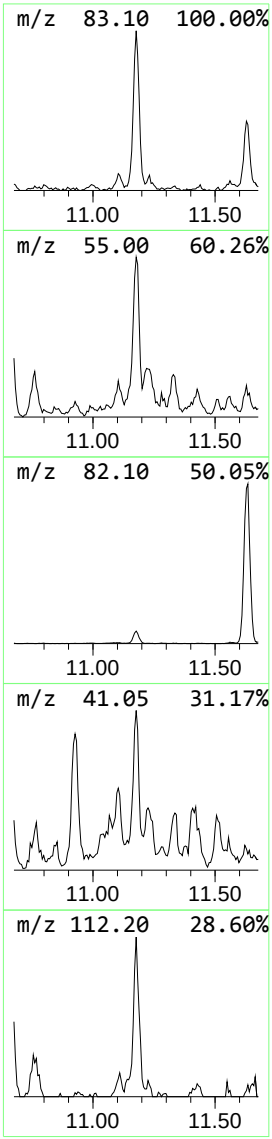
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.177 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	2.71 ug/L	92505	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	86
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
4	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	53
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

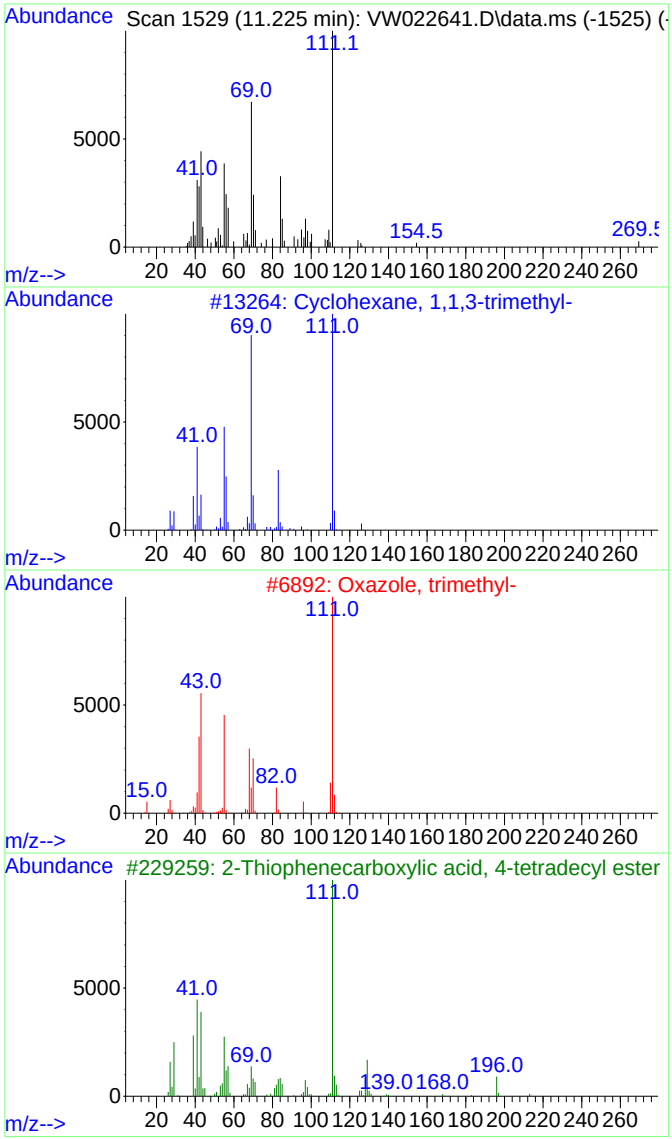
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

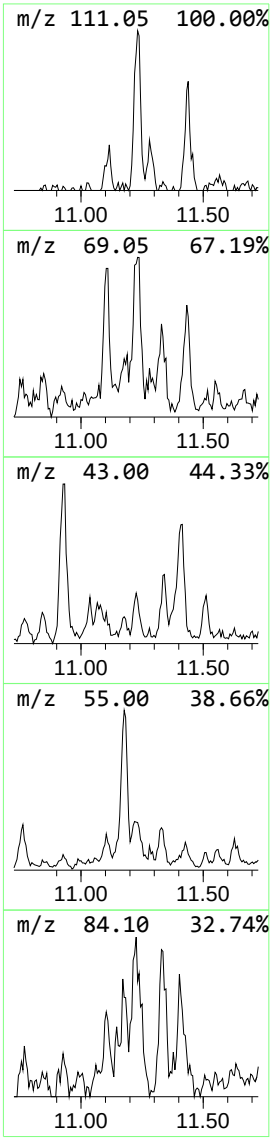
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.225 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	1.29 ug/L	43906	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	49
2	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	49
3	2-Thiophenecarboxylic acid, 4-te...	324	C19H32O2S	1000280-66-3	47
4	2-Hepten-4-one, 6-methyl-	126	C8H14O	049852-35-9	46
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

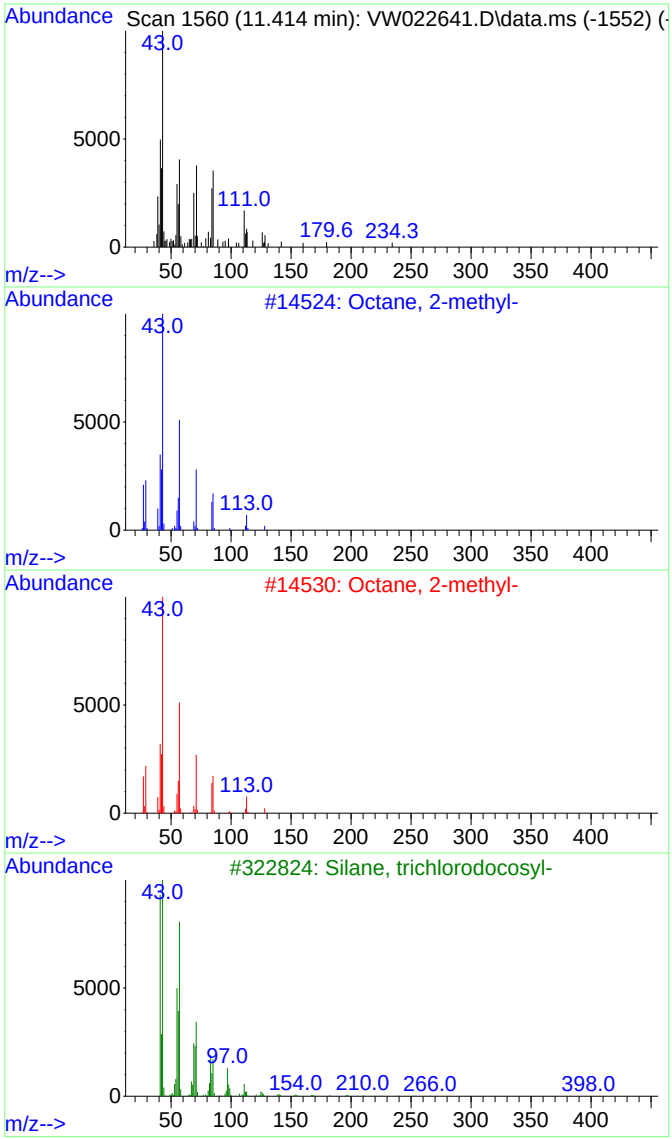
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

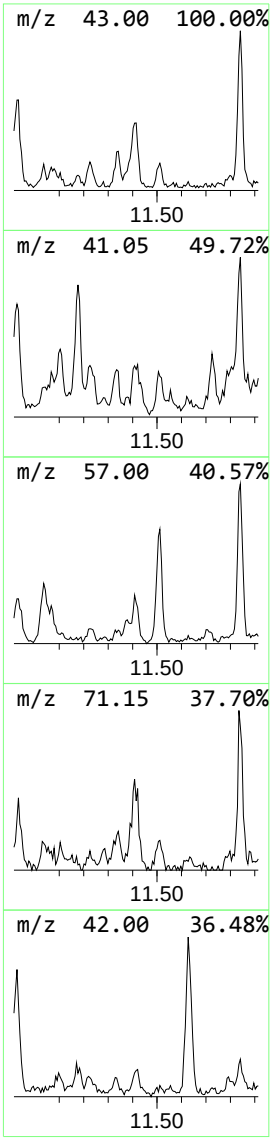
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.414	1.57 ug/L	53630	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	50
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50
4	N-[3-[N-Aziridyl]propylidene]tet...	182	C10H18N2O	1000256-63-4	50
5	Nonane	128	C9H20	000111-84-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

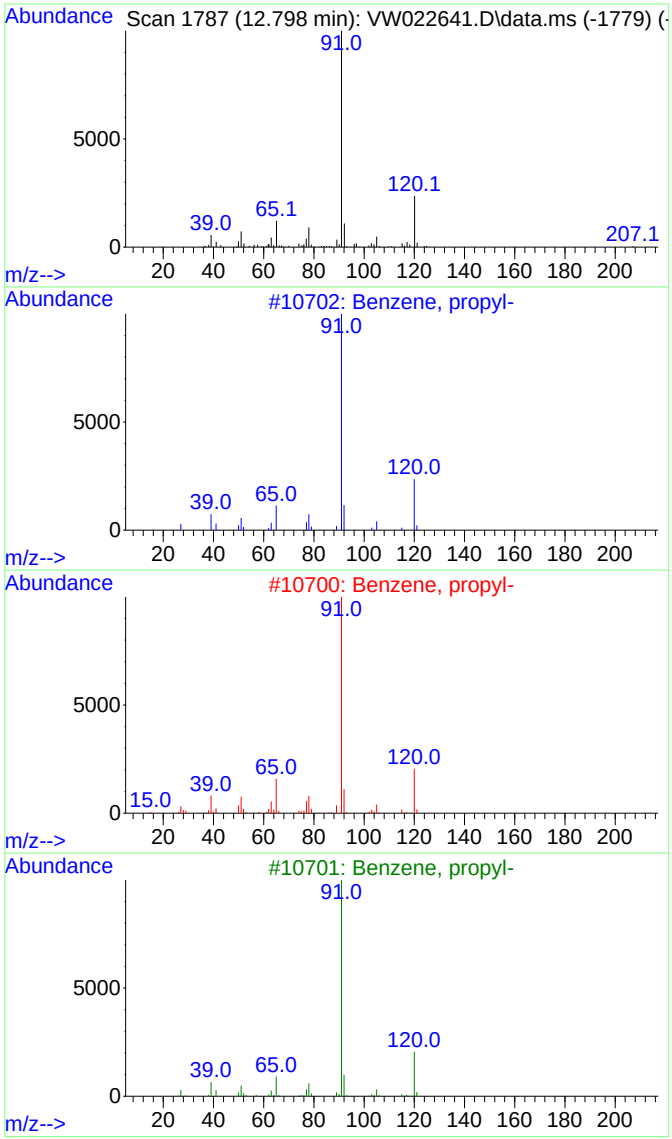
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

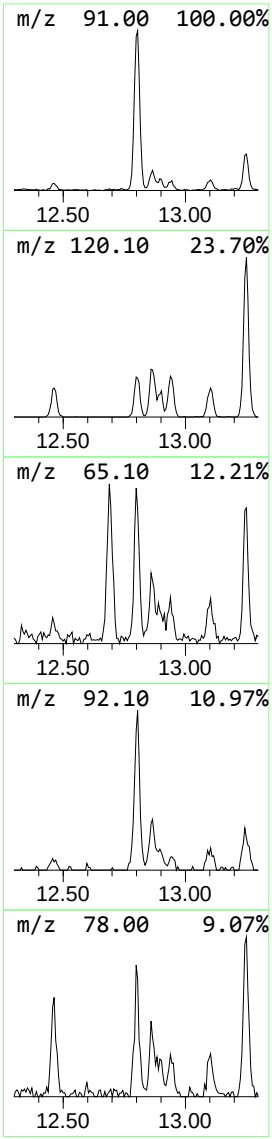
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	5.66 ug/L	102080	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	86
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

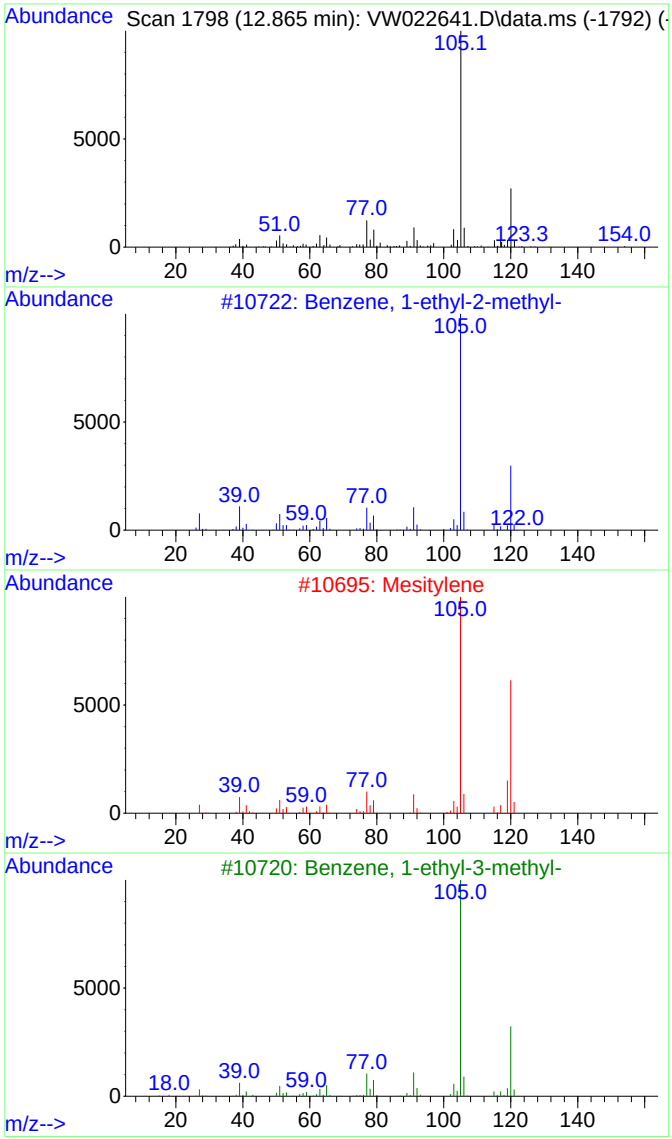
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

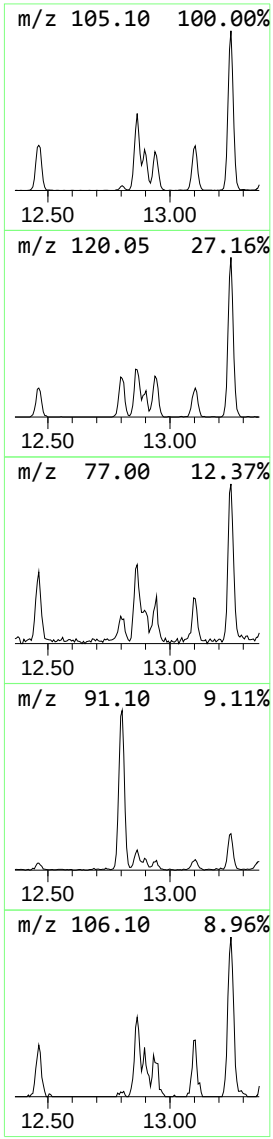
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	6.46 ug/L	116521	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	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

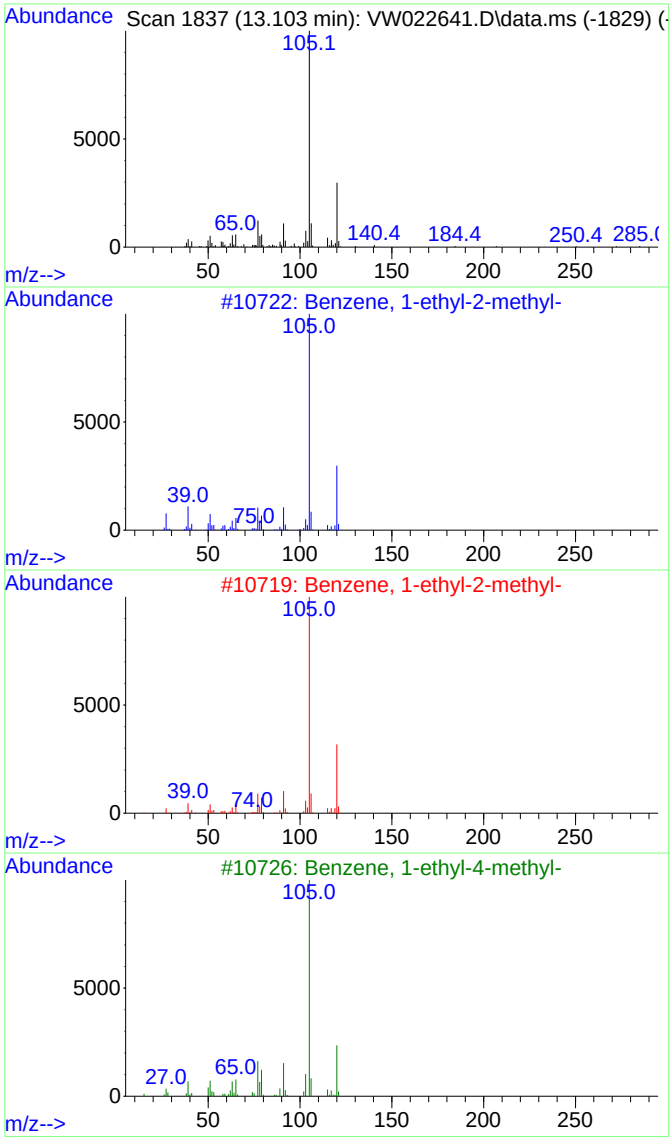
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

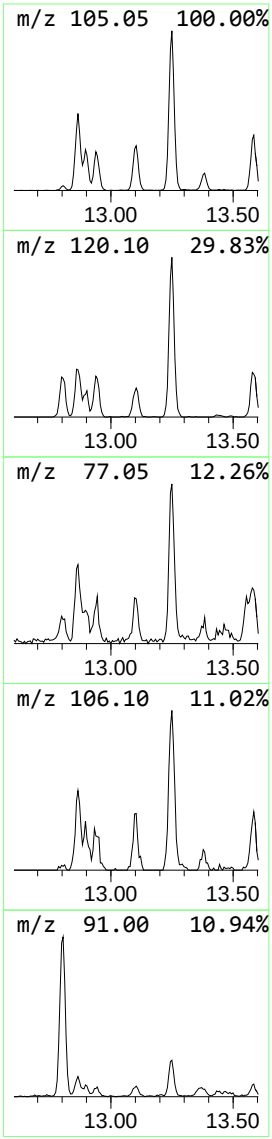
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	4.03 ug/L	72759	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	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

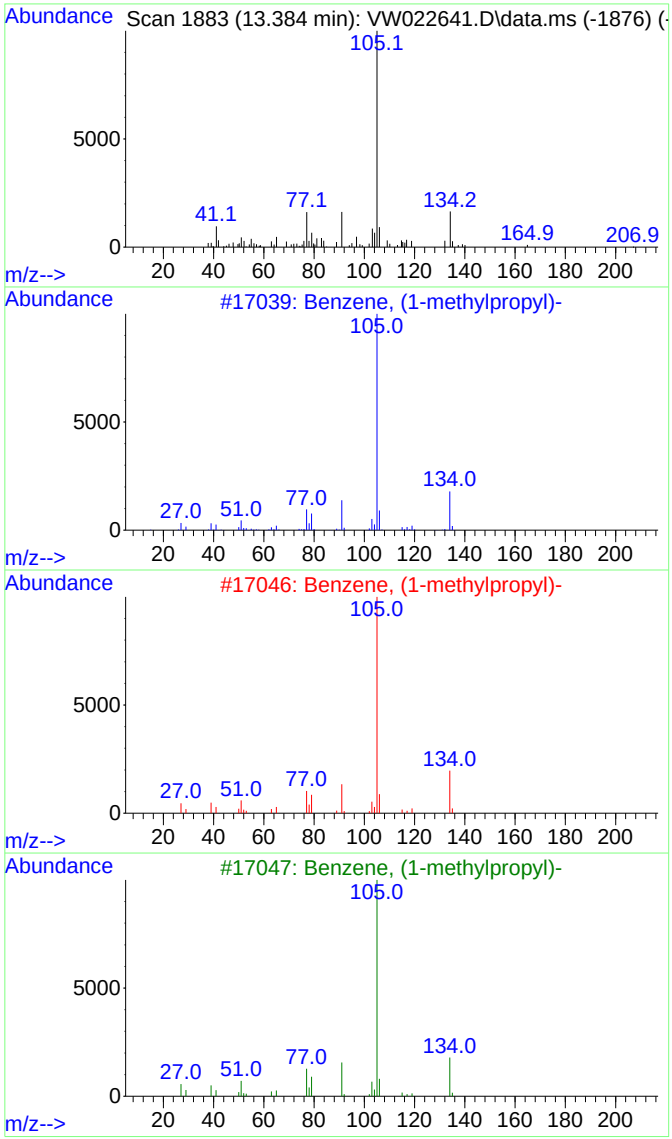
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

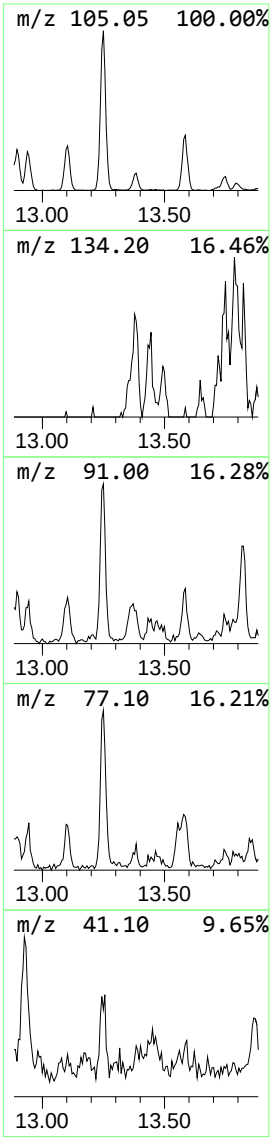
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, (1-methylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	1.83 ug/L	33082	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

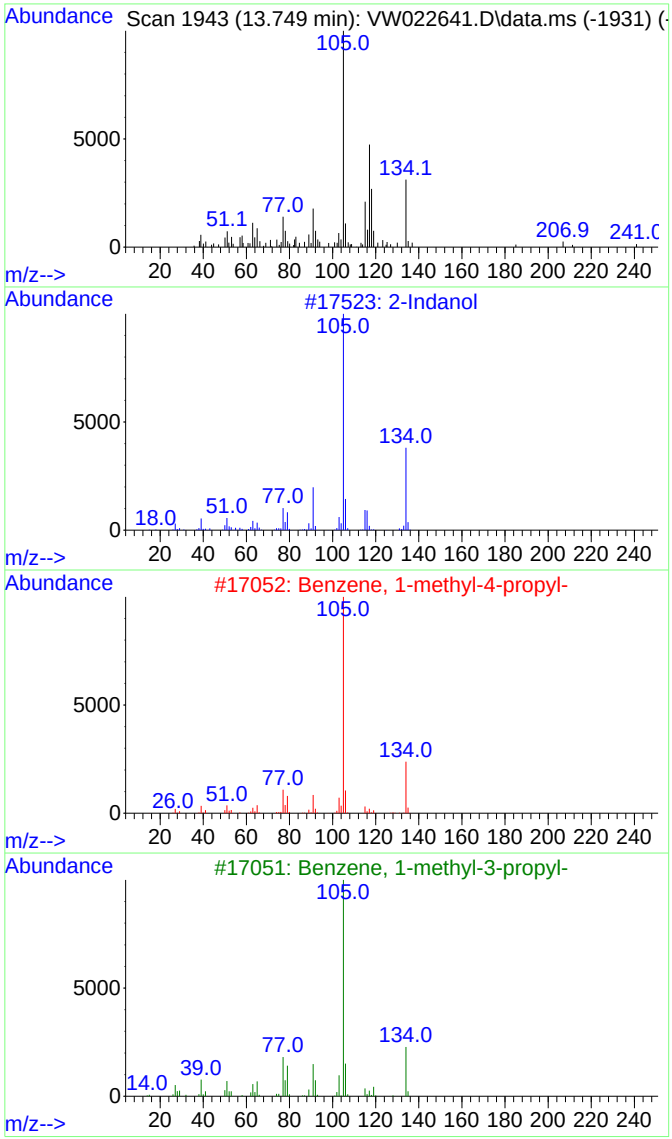
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

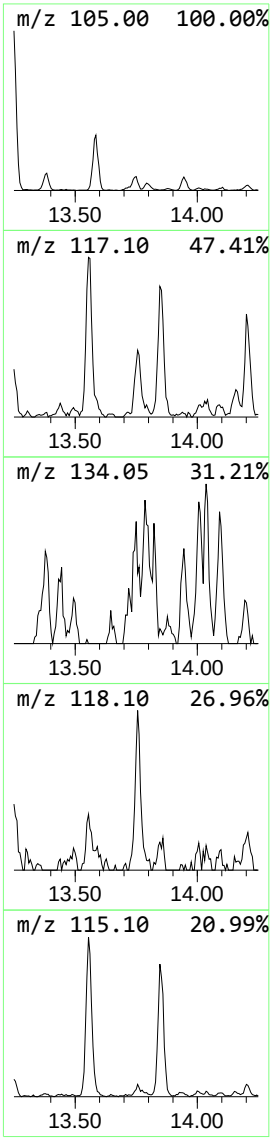
****

Peak Number 30 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	2.84 ug/L	51169	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	38
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

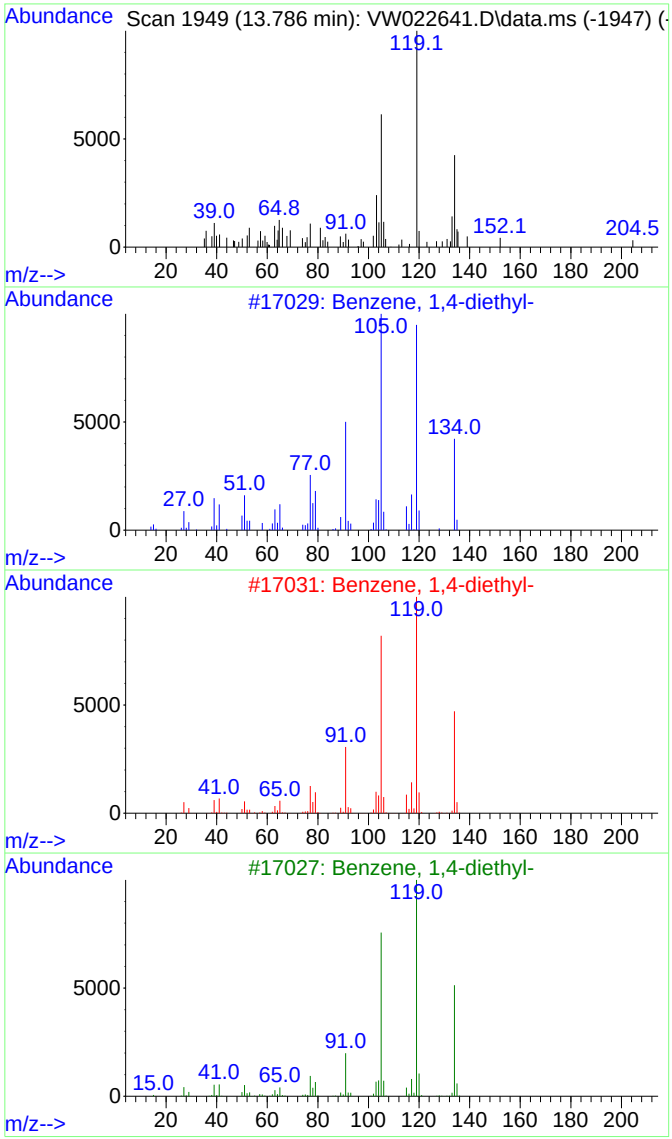
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

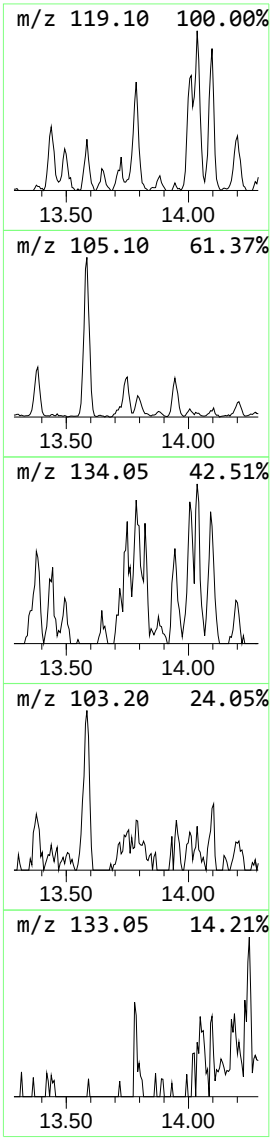
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1,4-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	1.44 ug/L	25988	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	64
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	58
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	53
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

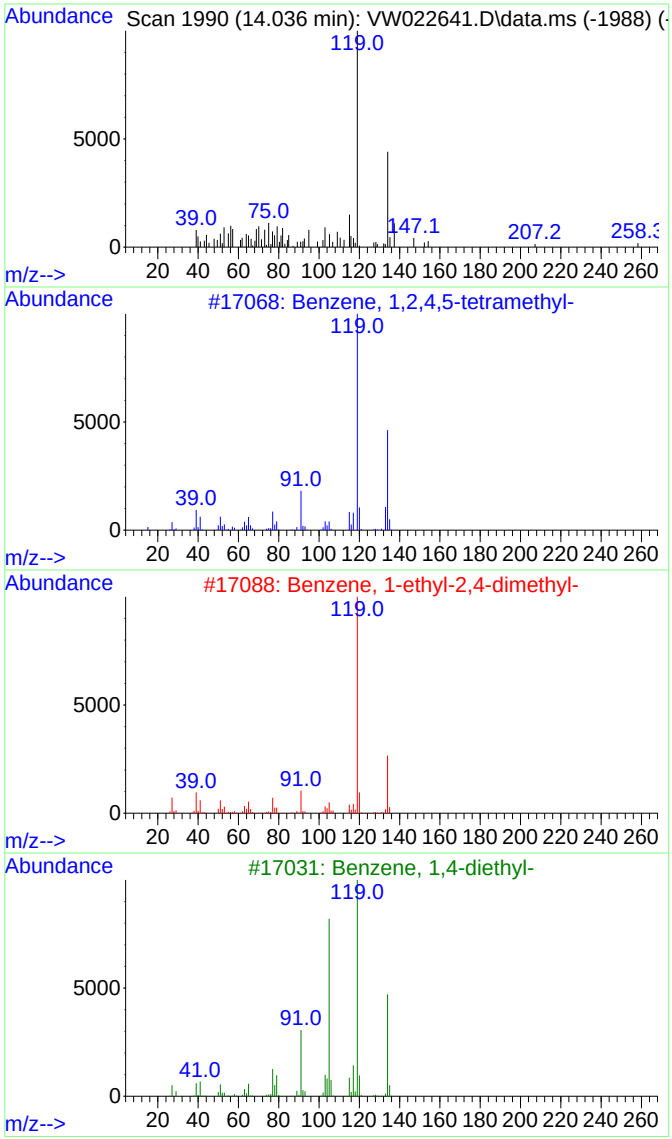
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

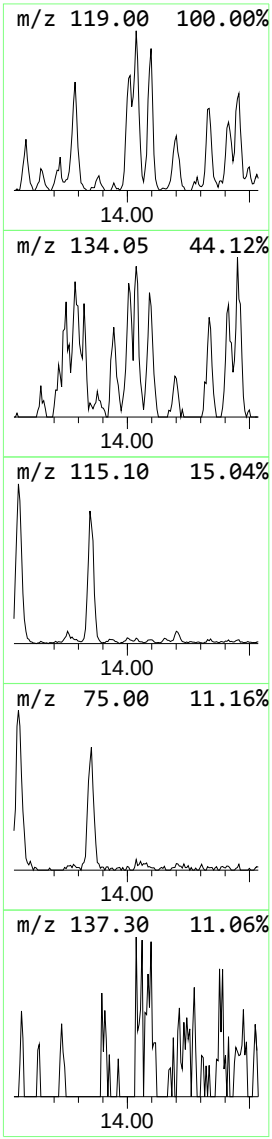
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	1.37 ug/L	24736	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	72
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	72
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

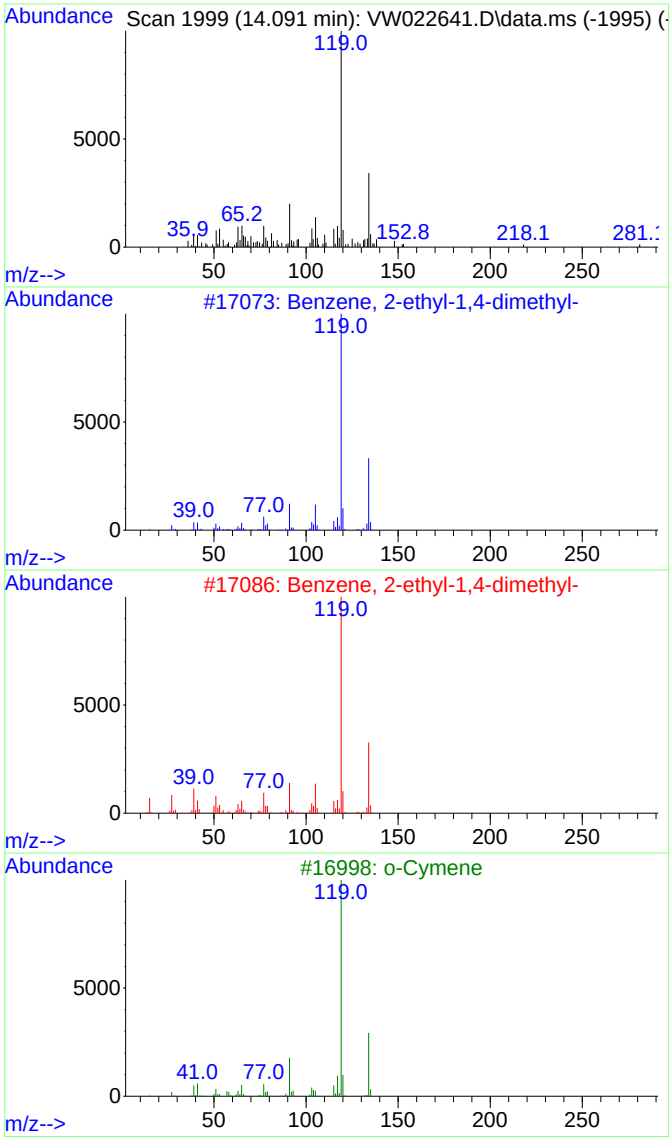
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

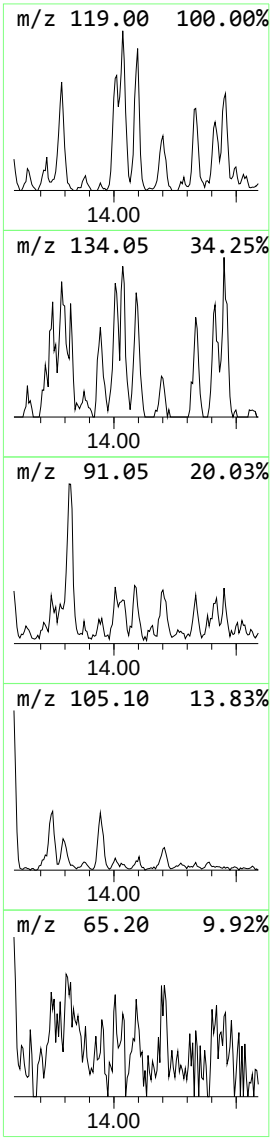
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.01 ug/L	36347	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	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	o-Cymene	134	C10H14	000527-84-4	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

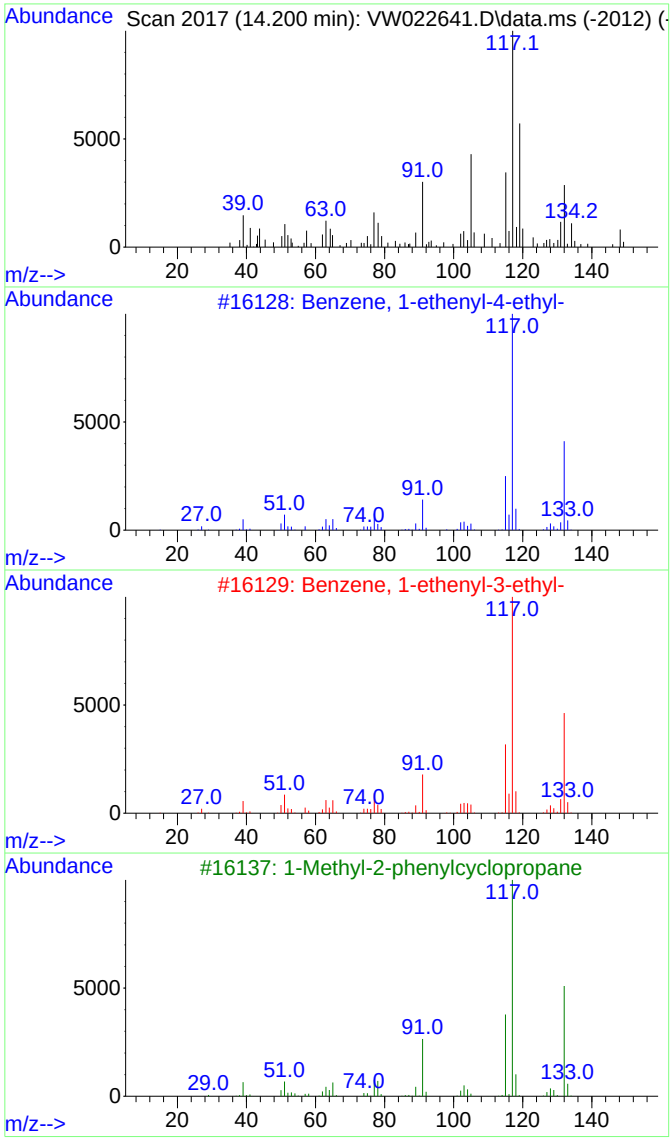
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

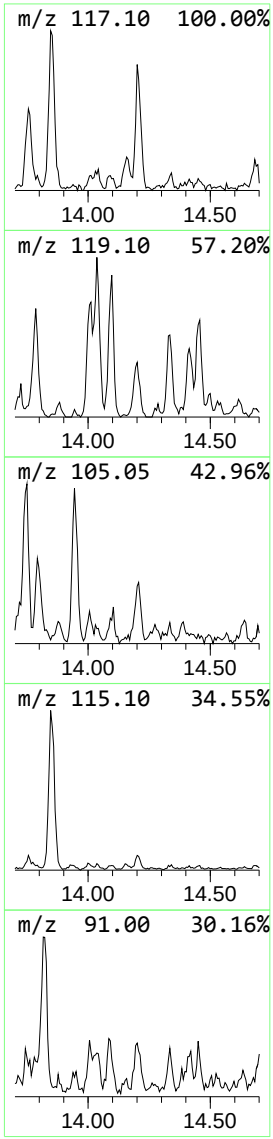
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	1.99 ug/L	35897	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	62
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

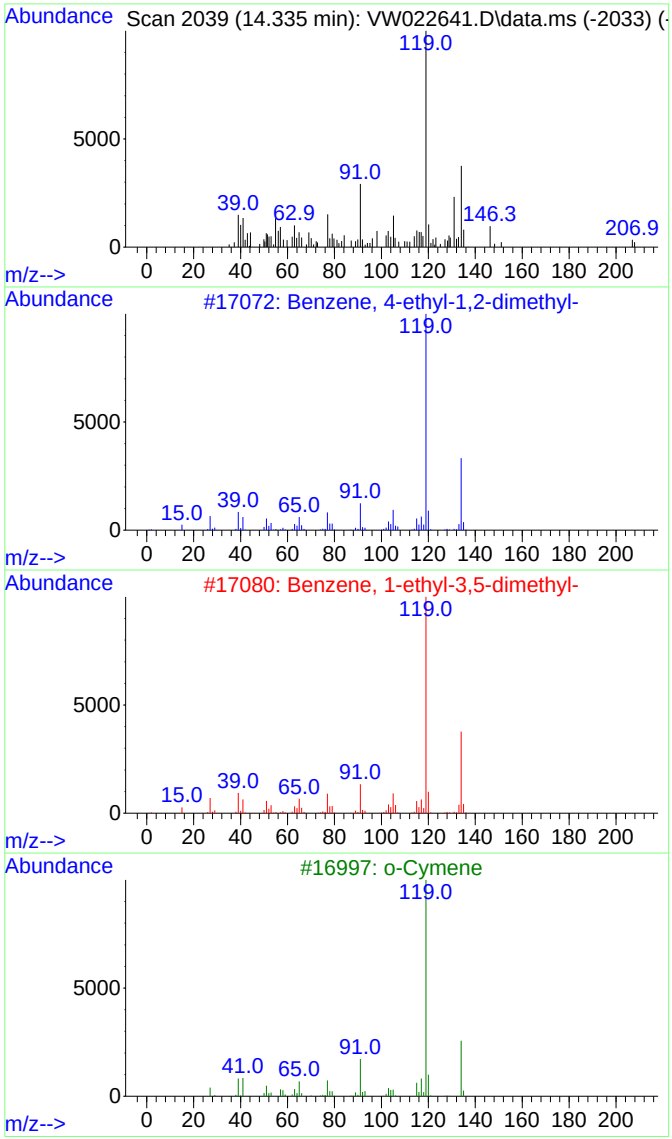
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

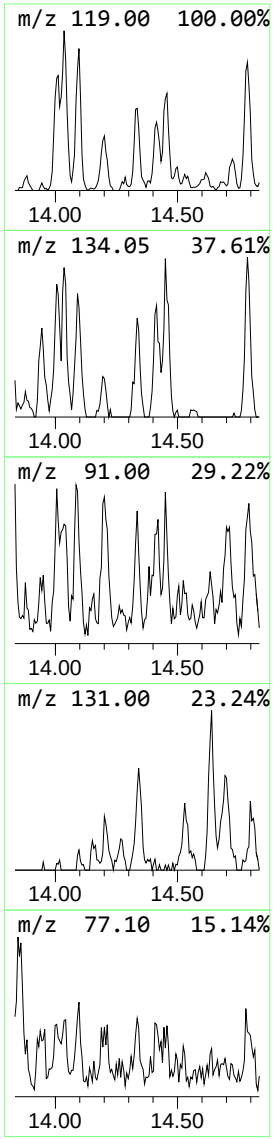
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	1.78 ug/L	32170	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

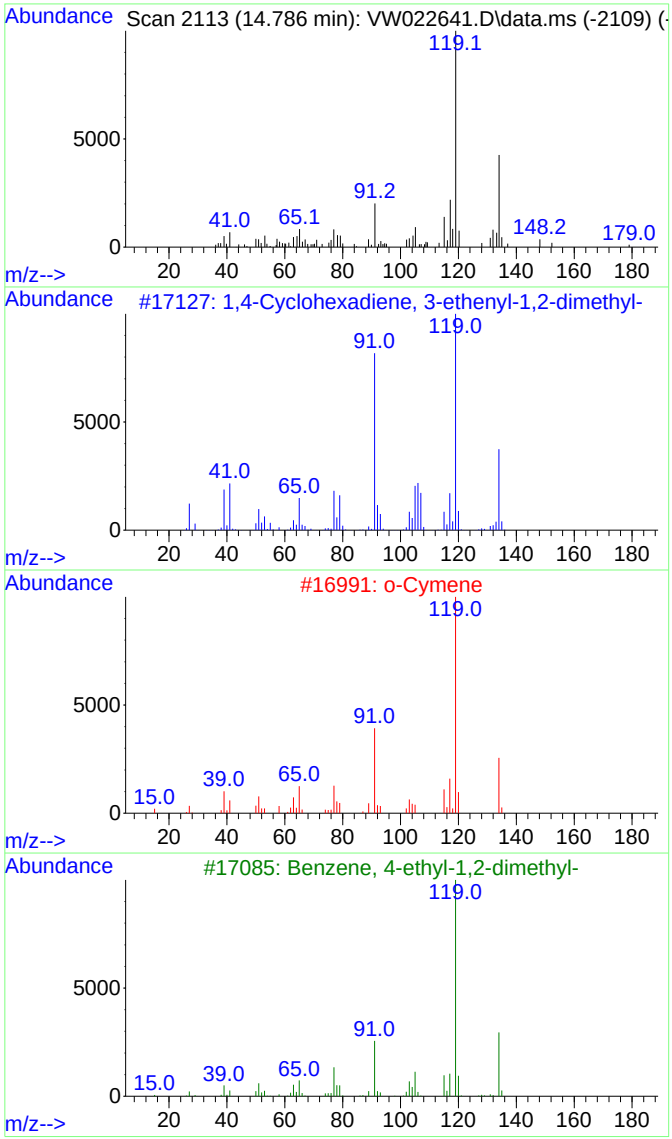
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

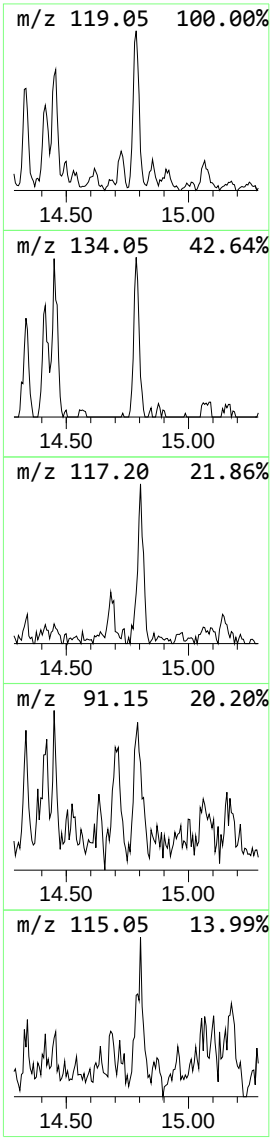
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.59 ug/L	46659	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	86
2	o-Cymene	134	C10H14	000527-84-4	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
Data File : VW022641.D
Acq On : 27 Apr 2022 14:43
Operator : SY/VA
Sample : N2562-11
Misc : 6.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW472

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.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
Acetoacetic aci...	1.971	2.3	ug/L	92956	1	8.842	1020060	25.0
(DEL) Alkane: S...	2.190	3.1	ug/L	125000	1	8.842	1020060	25.0
(DEL) Alkane: S...	3.032	14.8	ug/L	605558	1	8.842	1020060	25.0
(DEL) Alkane: S...	3.398	13.2	ug/L	537928	1	8.842	1020060	25.0
(DEL) Alkane: S...	5.446	5.0	ug/L	205661	1	8.842	1020060	25.0
(DEL) Alkane: C...	5.793	1.4	ug/L	57869	1	8.842	1020060	25.0
(DEL) Alkane: S...	5.946	13.2	ug/L	538430	1	8.842	1020060	25.0
(DEL) Alkane: C...	6.988	7.7	ug/L	315407	1	8.842	1020060	25.0
(DEL) Alkane: S...	8.037	1.7	ug/L	70472	1	8.842	1020060	25.0
(DEL) Alkane: S...	8.159	4.1	ug/L	168073	1	8.842	1020060	25.0
(DEL) Alkane: C...	8.433	2.7	ug/L	109589	1	8.842	1020060	25.0
(DEL) Alkane: C...	8.506	1.7	ug/L	69329	1	8.842	1020060	25.0
(DEL) Alkane: C...	8.580	4.3	ug/L	173391	1	8.842	1020060	25.0
(DEL) Alkane: S...	8.695	7.7	ug/L	313435	1	8.842	1020060	25.0
(DEL) Alkane: C...	9.518	2.3	ug/L	93134	1	8.842	1020060	25.0
(DEL) Alkane: C...	9.610	1.3	ug/L	52593	1	8.842	1020060	25.0
(DEL) Alkane: C...	9.750	1.6	ug/L	64446	1	8.842	1020060	25.0
(DEL) Alkane: S...	9.957	2.9	ug/L	117088	1	8.842	1020060	25.0
(DEL) Alkane: S...	10.092	2.4	ug/L	97919	1	8.842	1020060	25.0
(DEL) Alkane: S...	10.506	7.4	ug/L	252379	2	11.634	852361	25.0
(DEL) Alkane: C...	10.665	2.0	ug/L	69443	2	11.634	852361	25.0
(DEL) Alkane: C...	11.177	2.7	ug/L	92505	2	11.634	852361	25.0
(DEL) Alkane: C...	11.225	1.3	ug/L	43906	2	11.634	852361	25.0
(DEL) Alkane: S...	11.414	1.6	ug/L	53630	2	11.634	852361	25.0
Benzene, propyl-	12.798	5.7	ug/L	102080	3	13.554	451091	25.0
Benzene, 1-ethy...	12.865	6.5	ug/L	116521	3	13.554	451091	25.0
Benzene, 1-ethy...	13.103	4.0	ug/L	72759	3	13.554	451091	25.0
Benzene, (1-met...	13.384	1.8	ug/L	33082	3	13.554	451091	25.0
unknown-01	13.749	2.8	ug/L	51169	3	13.554	451091	25.0
Benzene, 1,4-di...	13.786	1.4	ug/L	25988	3	13.554	451091	25.0
Benzene, 1,2,4,...	14.036	1.4	ug/L	24736	3	13.554	451091	25.0
Benzene, 2-ethy...	14.091	2.0	ug/L	36347	3	13.554	451091	25.0
Benzene, 1-ethe...	14.201	2.0	ug/L	35897	3	13.554	451091	25.0
Benzene, 4-ethy...	14.335	1.8	ug/L	32170	3	13.554	451091	25.0
1,4-Cyclohexadi...	14.786	2.6	ug/L	46659	3	13.554	451091	25.0