LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: VW019886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	90	rVB	138719	275214	12.43%	1.172%
2	2.897	155	163	179	rBV	107321	273572	12.36%	1.165%
3	3.343	233	236	238	rVB4	419	427	0.02%	0.002%
4	3.379	241	242	244	rBV2	517	371	0.02%	0.002%
5	3.623	280	282	284	rVB3	470	377	0.02%	0.002%
6	3.672	287	290	292	rBV3	479	581	0.03%	0.002%
7	3.727	297	299	300	rBV	662	410	0.02%	0.002%
8	3.861	317	321	326	rVV5	527	990	0.04%	0.004%
9	4.025	336	348	364	rBV	232760	726595	32.82%	3.094%
10	4.239	381	383	387	rVB5	308	330	0.01%	0.001%
11	4.269	387	388	393	rVB4	354	389	0.02%	0.002%
12	4.318	393	396	400	rVB3	439	484	0.02%	0.002%
13	4.379	401	406	407	rBV3	667	613	0.03%	0.003%
14	4.434	413	415	420	rVB3	449	671	0.03%	0.003%
15	4.507	423	427	428	rVB	466	350	0.02%	0.001%
16	4.696	456	458	460	rBV2	391	361	0.02%	0.002%
17	4.921	484	495	514	rBV	59067	208034	9.40%	0.886%
18	5.043	514	515	518	rVB2	734	475	0.02%	0.002%
19	5.129	525	529	531	rBV4	338	470	0.02%	0.002%
20	5.312	557	559	561	rBV2	345	366	0.02%	0.002%
21	5.428	574	578	580	rBV4	427	593	0.03%	0.003%
22	5.574	598	602	605	rVB2	264	404	0.02%	0.002%
23	5.781	635	636	641	rVB2	298	393	0.02%	0.002%
24	5.952	652	664	674	rVB2	18281	54519	2.46%	0.232%
25	6.183	699	702	706	rBV2	256	418	0.02%	0.002%
26	6.299	720	721	727	rVV4	387	518	0.02%	0.002%
27	6.476	748	750	753	rBV2	296	375	0.02%	0.002%
28	6.854	809	812	813	rBV2	322	346	0.02%	0.001%
29	6.885	813	817	820	rVB2	355	557	0.03%	0.002%
30	6.982	827	833	834	rBV3	1381	2246	0.10%	0.010%
31	7.080	839	849	864	rBV	58731	169813	7.67%	0.723%
32	7.378	894	898	900	rVB4	501	485	0.02%	0.002%
33	7.519	917	921	922	rBV2	375	509	0.02%	0.002%
34	7.537	922	924	925	rVV2	555	518	0.02%	0.002%
35	7.555	925	927	932	rVB4	524	757	0.03%	0.003%
36	7.653	932	943	957	rBV	380628	936731	42.31%	3.988%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	7.750	957	959	960	rVV	439	354	0.02%	0.002%
38	7.769	960	962	968	rVV4	1029	1224	0.06%	0.005%
39	7.958	982	993	998	rVV8	2717	9195	0.42%	0.039%
40	8.031	1000	1005	1017	rVB5	2904	8038	0.36%	0.034%
41	8.159	1020	1026	1033	rVV4	3141	6964	0.31%	0.030%
42	8.281	1033	1046	1061	rVV2	750601	2213869	100.00%	9.426%
43	8.445	1065	1073	1079	rVV8	6048	17662	0.80%	0.075%
44	8.512	1079	1084	1089	rVV5	4832	11776	0.53%	0.050%
45	8.579	1089	1095	1101	rVV6	5572	14305	0.65%	0.061%
46	8.646	1104	1106	1107	rVB2	577	397	0.02%	0.002%
47	8.701	1109	1115	1120	rVB5	1827	4322	0.20%	0.018%
48	8.848	1129	1139	1160	rBV	761428	1505464	68.00%	6.410%
49	8.994	1161	1163	1168	rVB4	685	727	0.03%	0.003%
50	9.037	1168	1170	1173	rBV2	278	376	0.02%	0.002%
51	9.079	1173	1177	1186	rBV7	2556	6221	0.28%	0.026%
52	9.274	1199	1209	1217	rBV	502098	1052782	47.55%	4.482%
53	9.518	1243	1249	1255	rVB3	4143	7779	0.35%	0.033%
54	9.610	1255	1264	1271	rBV2	17692	40284	1.82%	0.172%
55	9.750	1279	1287	1296	rVB2	20810	43835	1.98%	0.187%
56	9.860	1299	1305	1307	rBV4	3143	5645	0.25%	0.024%
57	9.902	1307	1312	1315	rBV4	4758	8092	0.37%	0.034%
58	9.957	1316	1321	1325	rVB3	8531	14326	0.65%	0.061%
59	10.036	1327	1334	1341	rBV	284815	504271	22.78%	2.147%
60	10.213	1356	1363	1366	rBV4	10350	20846	0.94%	0.089%
61	10.323	1373	1381	1389	rBV	1103551	1982198	89.54%	8.440%
62	10.445	1398	1401	1404	rBV3	5543	7847	0.35%	0.033%
63	10.494	1404	1409	1417	rVB7	16854	45482	2.05%	0.194%
64	10.579	1417	1423	1428	rBV	181740	311686	14.08%	1.327%
65	10.664	1433	1437	1442	rVV	26357	43078	1.95%	0.183%
66	10.762	1448	1453	1457	rBV3	12737	23998	1.08%	0.102%
67	10.847	1463	1467	1472	rVB2	12611	21837	0.99%	0.093%
68	10.927	1472	1480	1488	rBV	210649	361543	16.33%	1.539%
69	11.036	1492	1498	1506	rBV3	22579	59259	2.68%	0.252%
70	11.109	1506	1510	1513	rBV2	15623	23991	1.08%	0.102%
71	11.176	1518	1521	1525	rVV	26637	45202	2.04%	0.192%
72	11.231	1525	1530	1536	rVV	112221	208741	9.43%	0.889%
73	11.286	1536	1539	1542	rVV3	16935	25985	1.17%	0.111%
74	11.335	1542	1547	1552	rVV2	61994	111883	5.05%	0.476%
75	11.384	1552	1555	1557	rVV	12411	18814	0.85%	0.080%
76	11.439	1559	1564	1571	rVB2	54010	105498	4.77%	0.449%

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Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	11.512	1571	1576	1580	rBV	25590	44715	2.02%	0.190%
78	11.634	1589	1596	1608	rBV	1069667	1807476	81.64%	7.696%
79	11.768	1614	1618	1620	rBV	26040	34995	1.58%	0.149%
80	11.804	1621	1624	1630	rVB4	36702	72331	3.27%	0.308%
81	11.878	1631	1636	1639	rBV	59602	103393	4.67%	0.440%
82	11.975	1647	1652	1658	rBV3	28161	59272	2.68%	0.252%
83	12.140	1672	1679	1685	rBV4	103396	231556	10.46%	0.986%
84	12.365	1701	1716	1727	rBV3	253258	850941	38.44%	3.623%
85	12.694	1764	1770	1775	rBV	403387	687897	31.07%	2.929%
86	12.780	1780	1784	1791	rVB3	164645	288916	13.05%	1.230%
87	12.859	1791	1797	1801	rBV5	66451	148027	6.69%	0.630%
88	12.938	1802	1810	1816	rBV6	150534	455718	20.58%	1.940%
89	13.079	1830	1833	1837	rBV2	55073	73756	3.33%	0.314%
90	13.170	1844	1848	1855	rVB6	59413	121873	5.50%	0.519%
91	13.347	1873	1877	1880	rBV2	75309	108507	4.90%	0.462%
92	13.554	1906	1911	1920	rVB	1099491	1798805	81.25%	7.659%
93	13.694	1931	1934	1939	rBV3	73357	118073	5.33%	0.503%
94	13.853	1954	1960	1968	rBV	971955	2079009	93.91%	8.852%
95	14.261	2024	2027	2033	rVB5	97280	154007	6.96%	0.656%
96	14.383	2043	2047	2052	rVB2	387458	607964	27.46%	2.589%
97	14.548	2070	2074	2079	rVB4	241687	369079	16.67%	1.571%
98	14.792	2111	2114	2119	rBV3	236581	356725	16.11%	1.519%
99	15.322	2197	2201	2208	rVB	498977	796375	35.97%	3.391%
100	16.279	2354	2358	2367	rVB	303163	561430	25.36%	2.390%

Sum of corrected areas: 23486898

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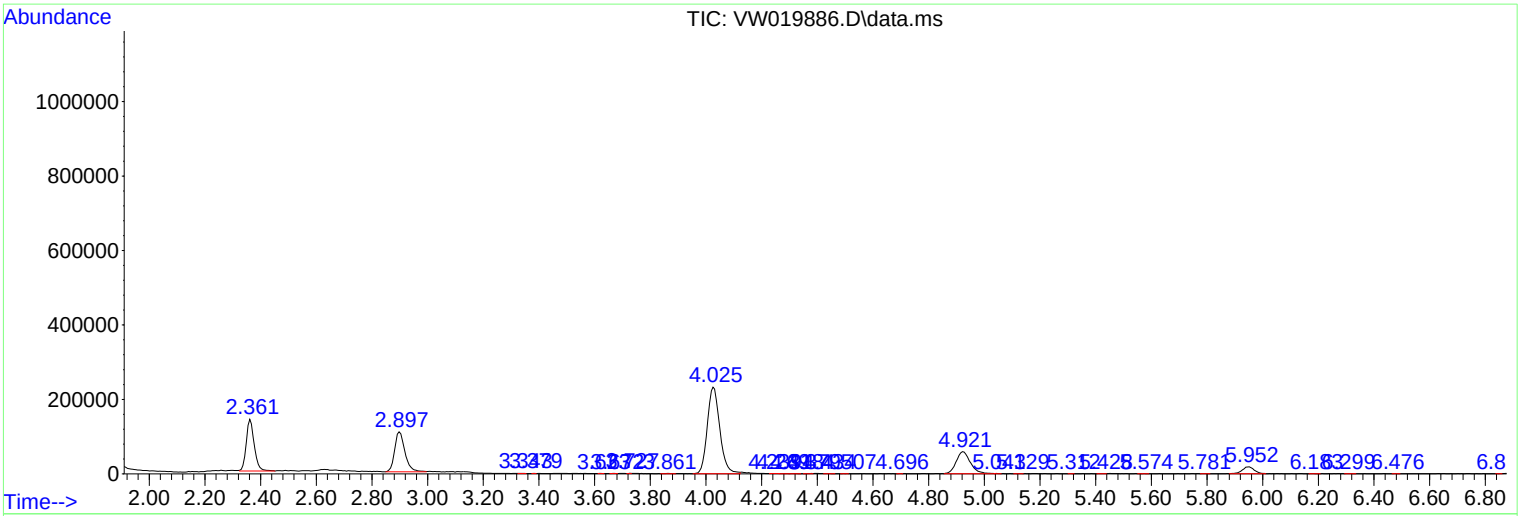
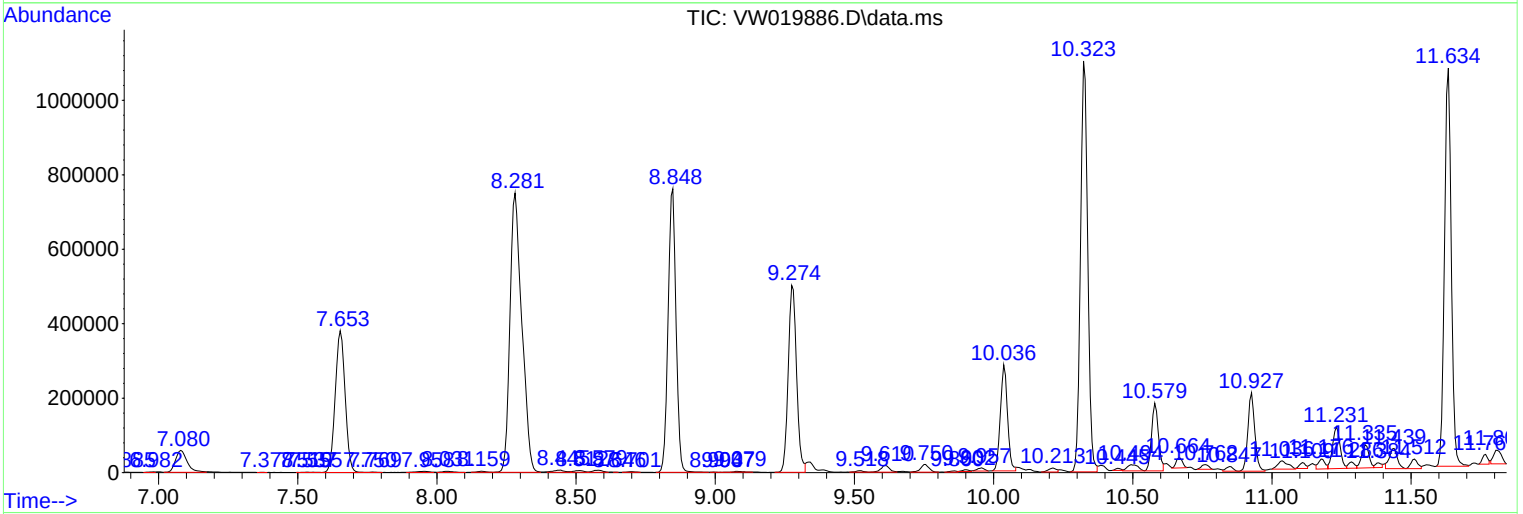
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

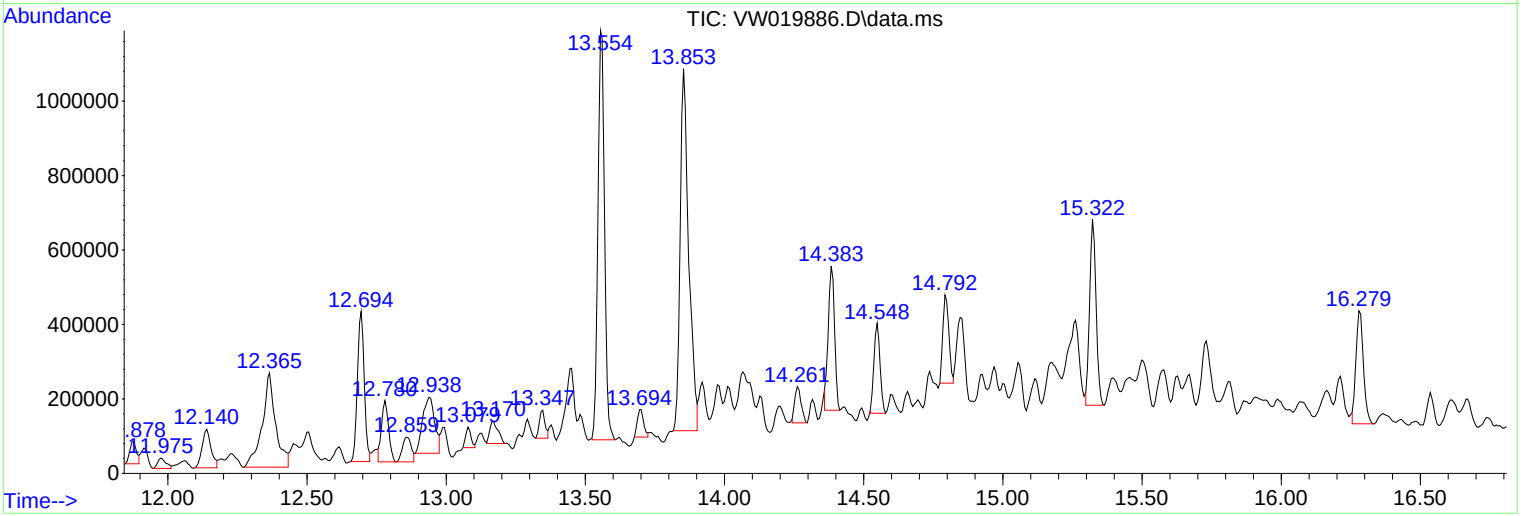
Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

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

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

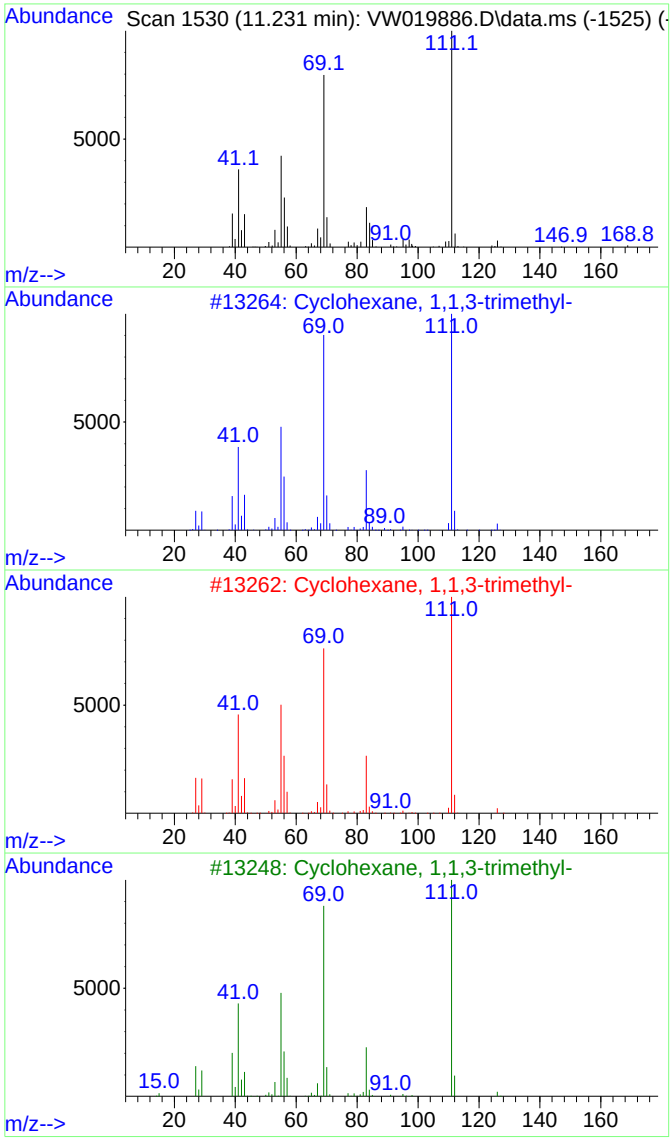
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

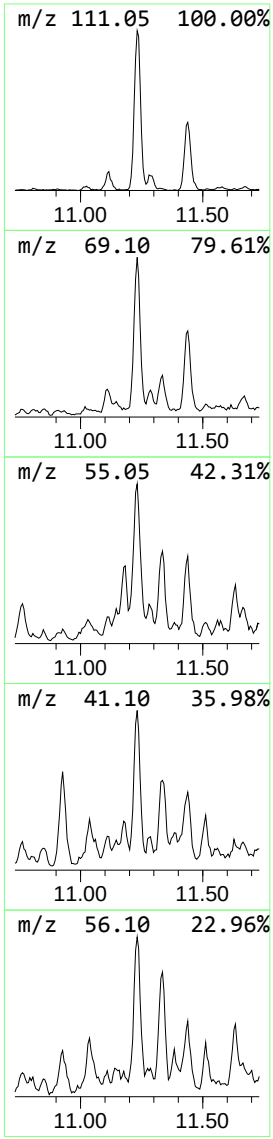
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic11.231 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	2.89 ug/L	208741	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

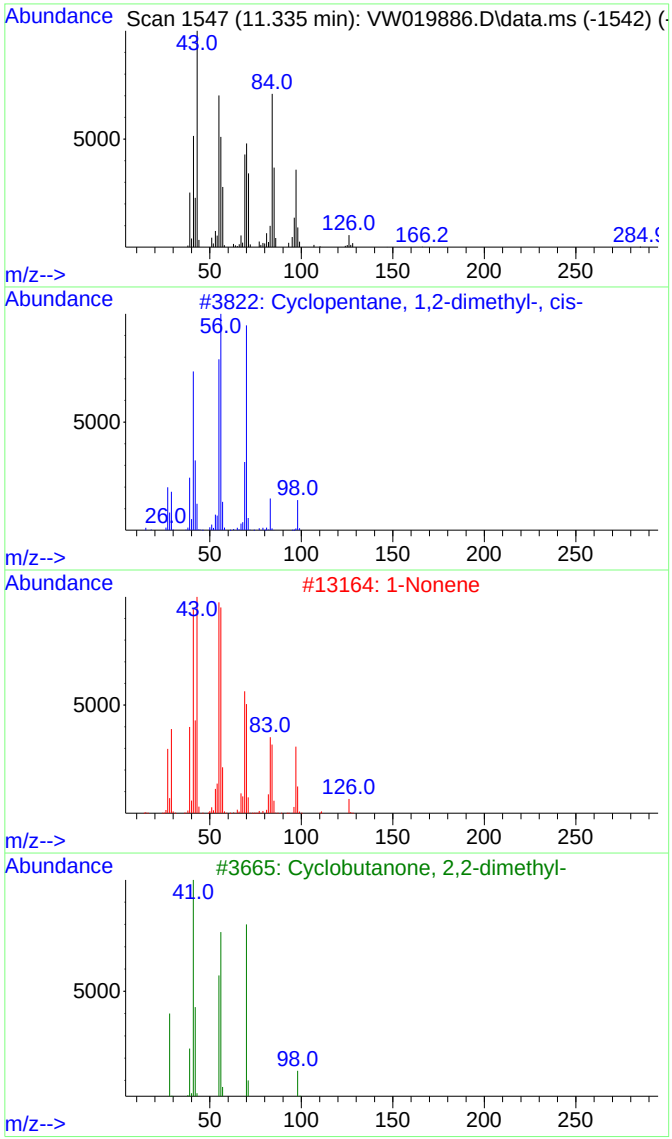
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

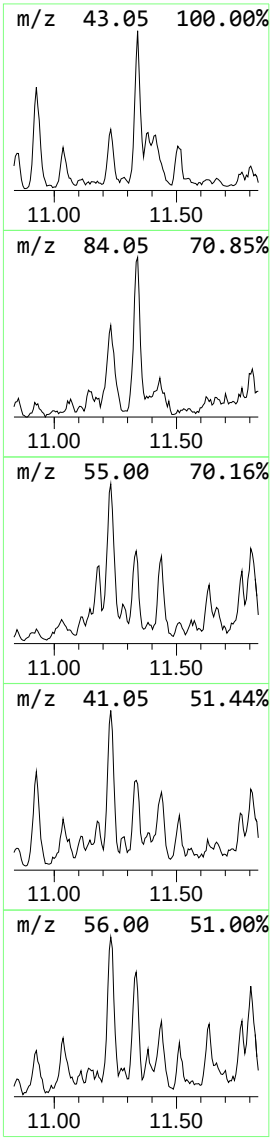
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic11.335 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	1.55 ug/L	111883	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	45
2	1-Nonene	126	C9H18	000124-11-8	45
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	43
4	Piperidine	85	C5H11N	000110-89-4	43
5	trans-2,4-Dimethylthiane, S,S-di...	162	C7H14O2S	1000215-67-6	38





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Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

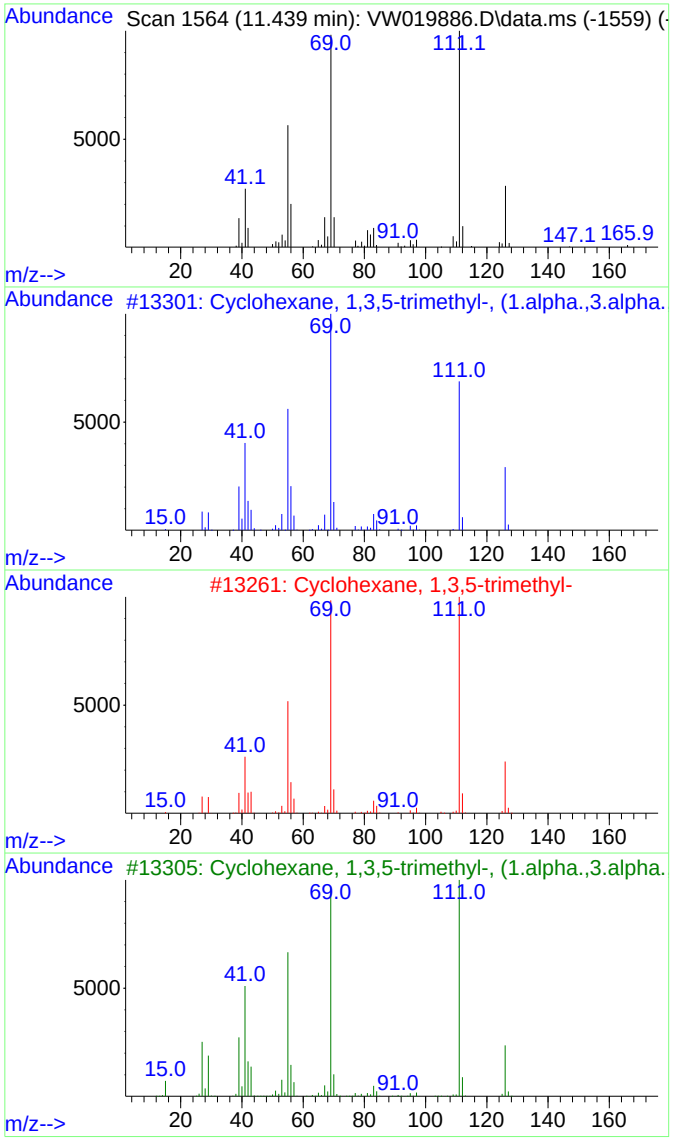
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

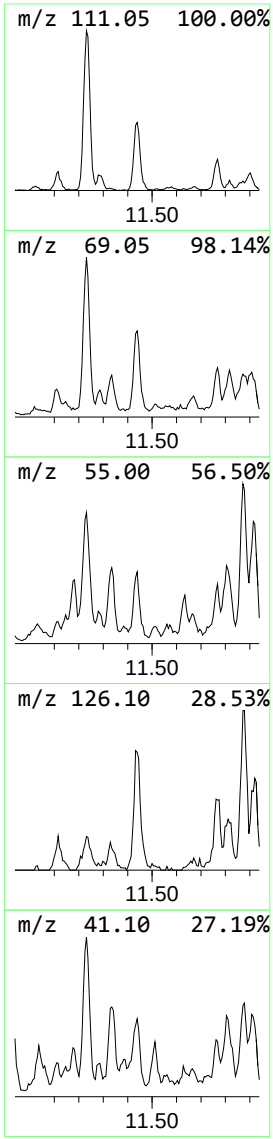
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic11.439 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	1.46 ug/L	105498	Chlorobenzene-d5	11.634

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
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Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

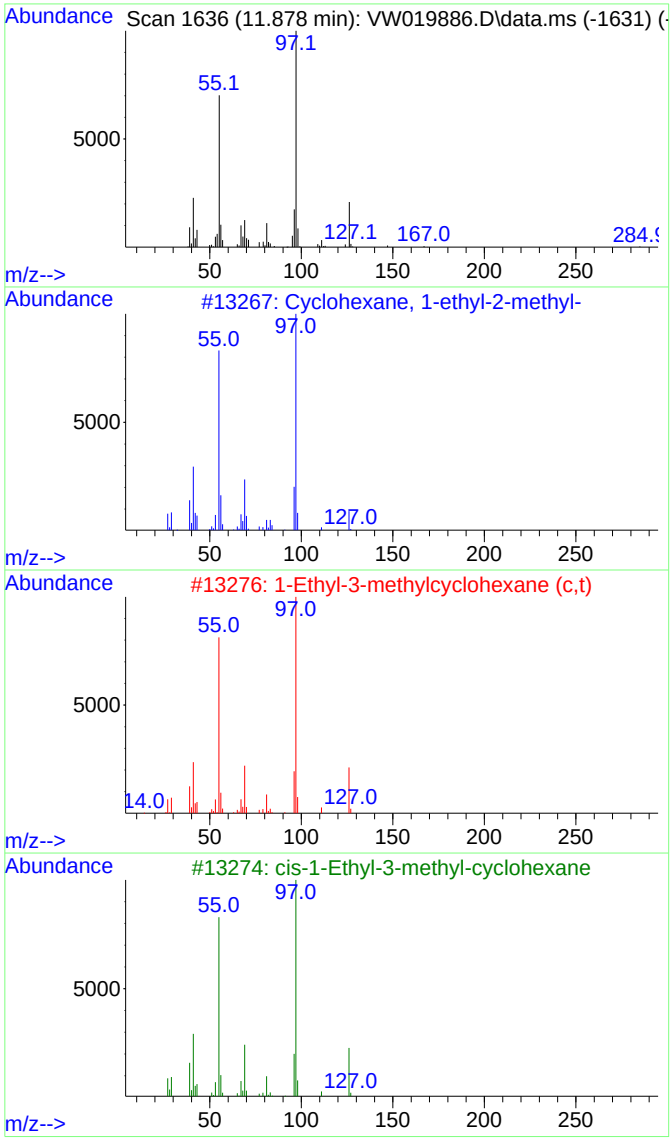
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

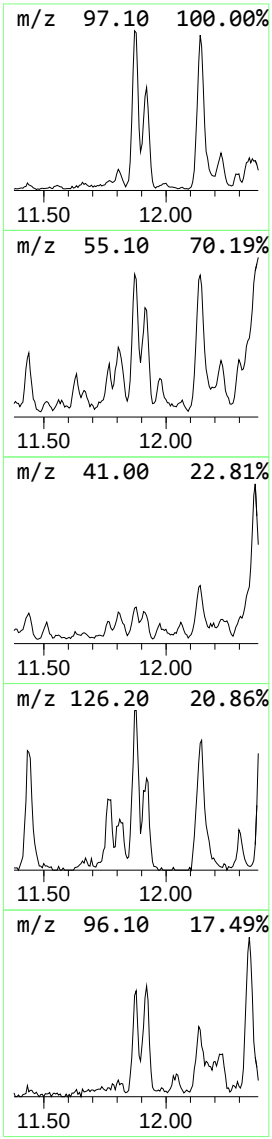
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic11.878 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	1.43 ug/L	103393	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

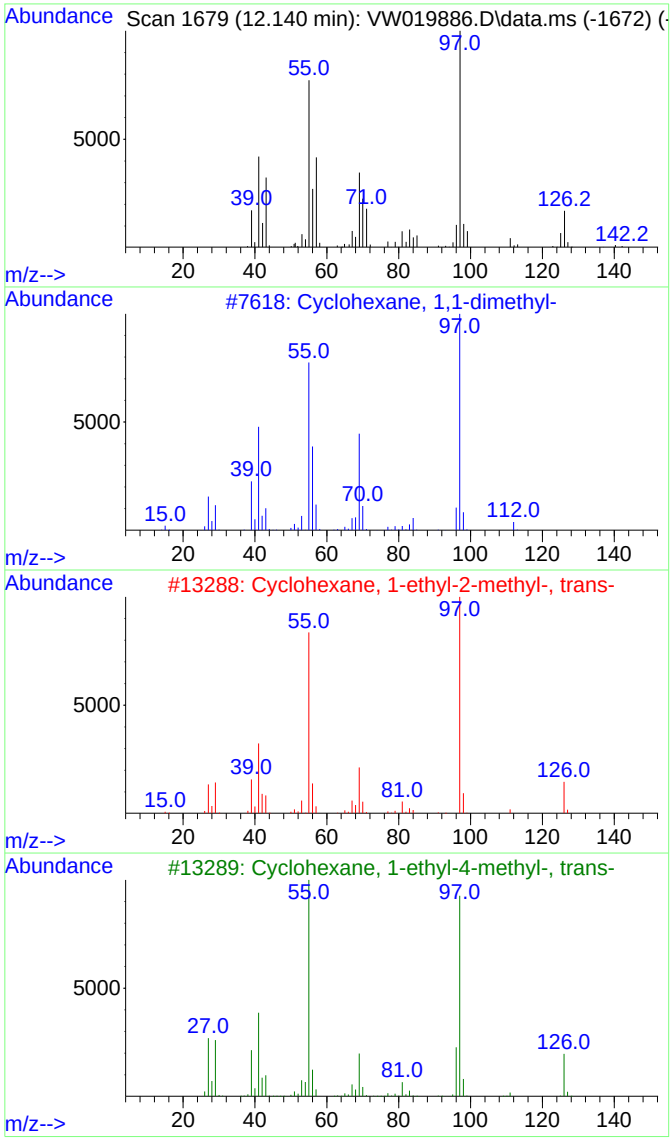
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

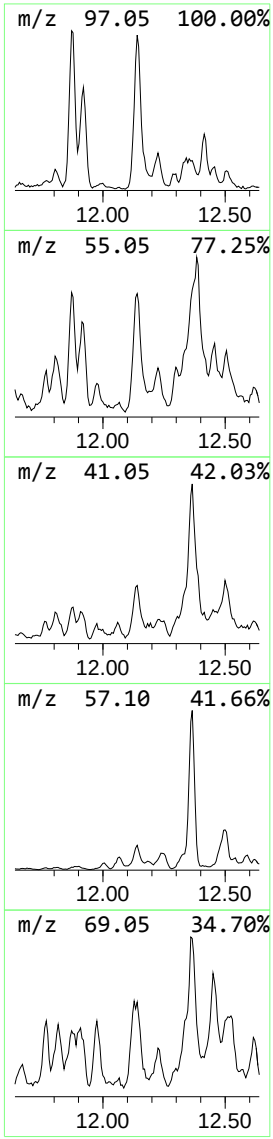
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic12.140 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	3.20 ug/L	231556	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





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Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

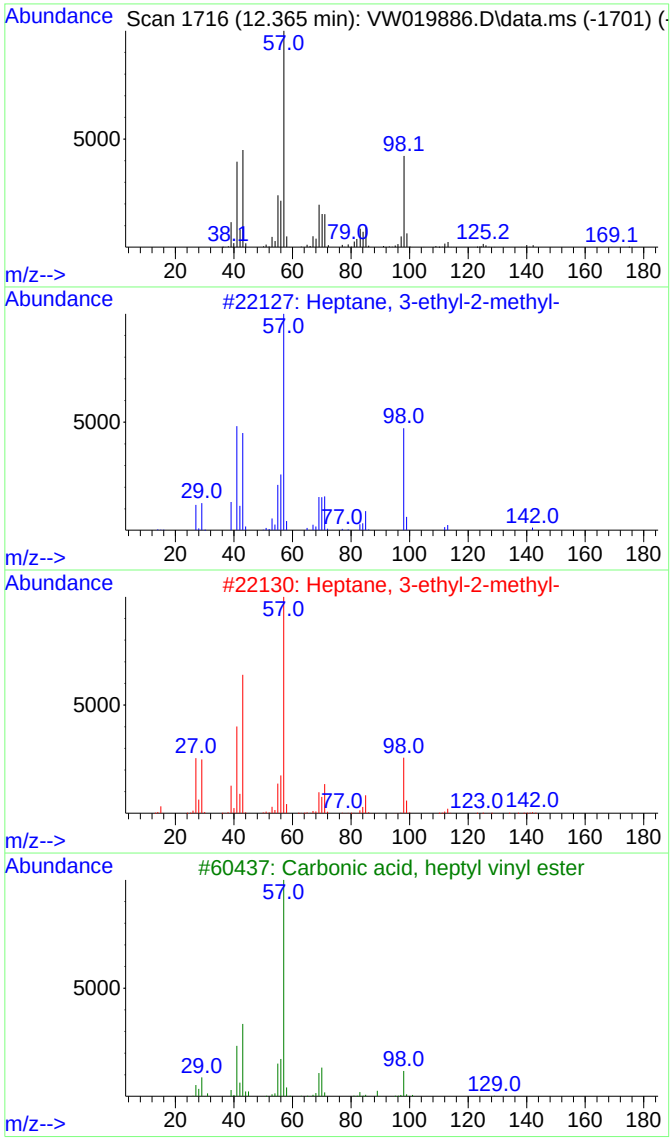
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

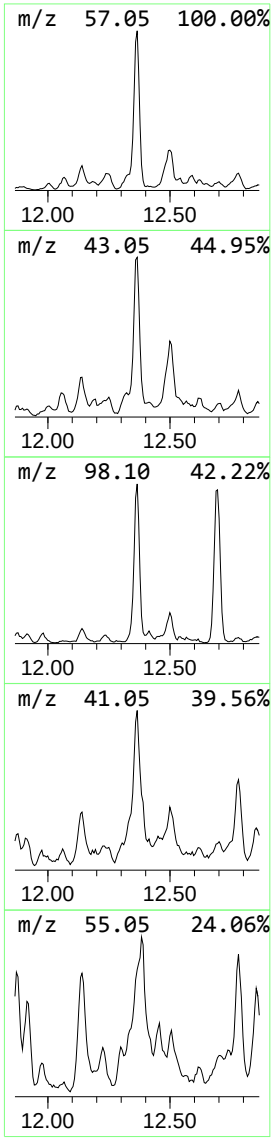
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	11.77 ug/L	850941	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53
4	Dodecyl heptyl ether	284	C19H40O	1010406-39-2	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49





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Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

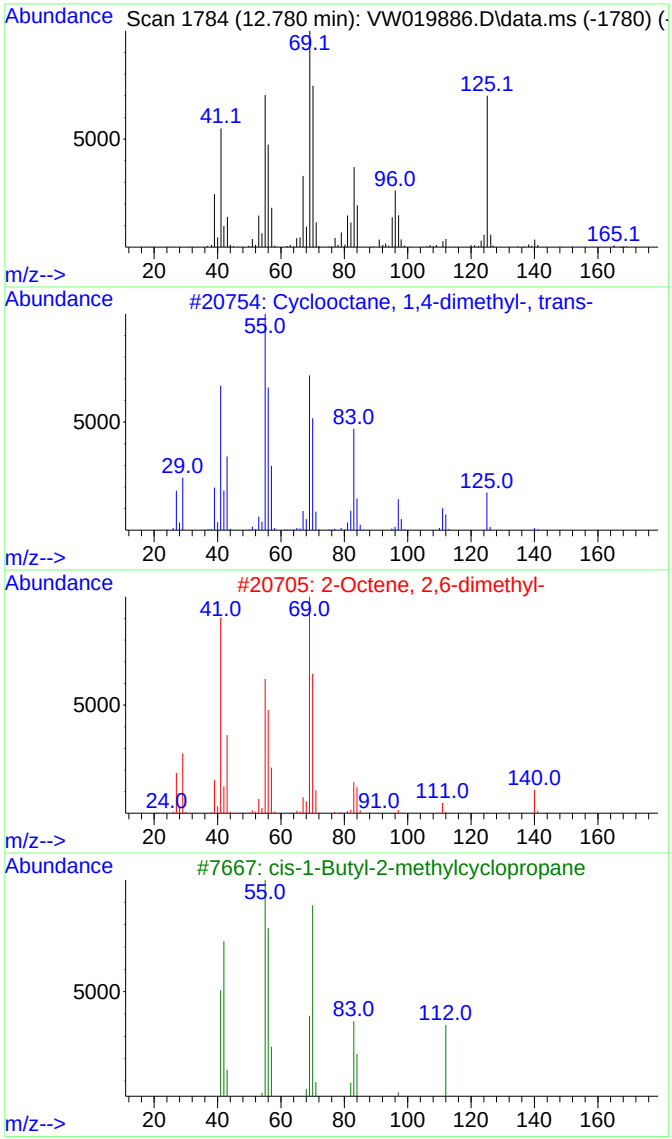
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

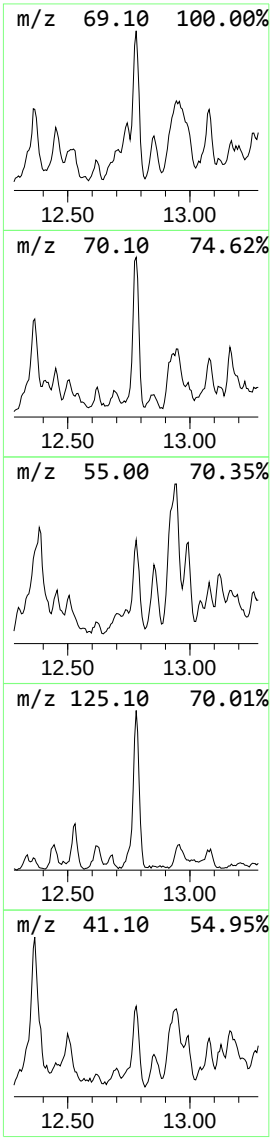
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic12.780 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	4.02 ug/L	288916	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	59
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
5	Isodecyl methacrylate	226	C14H26O2	029964-84-9	50





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Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

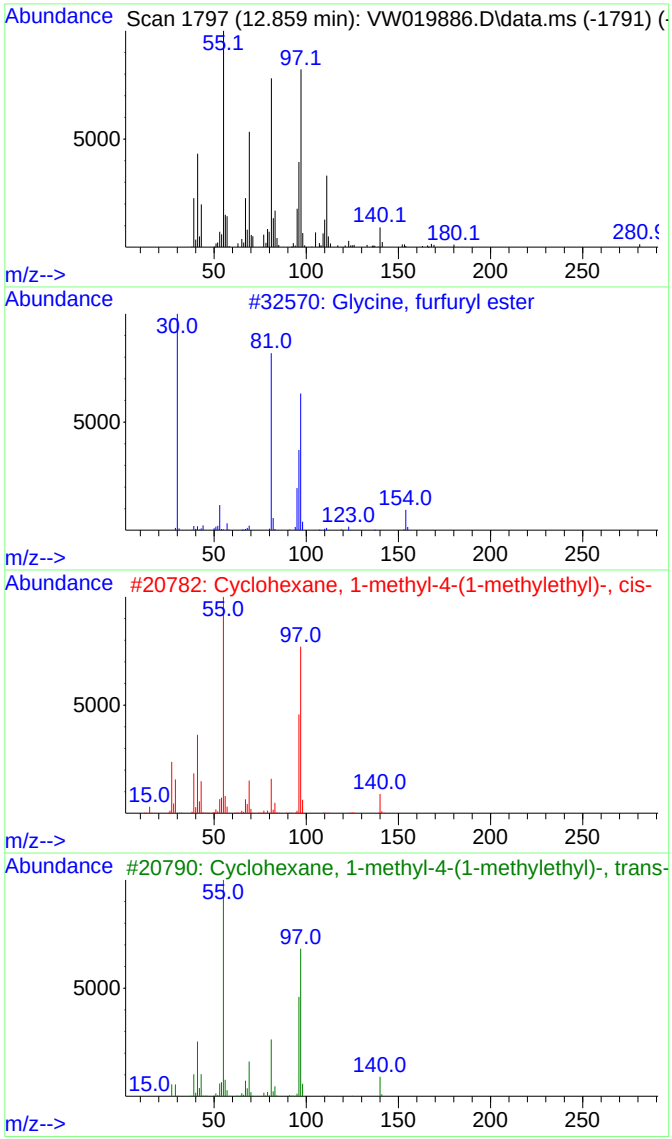
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

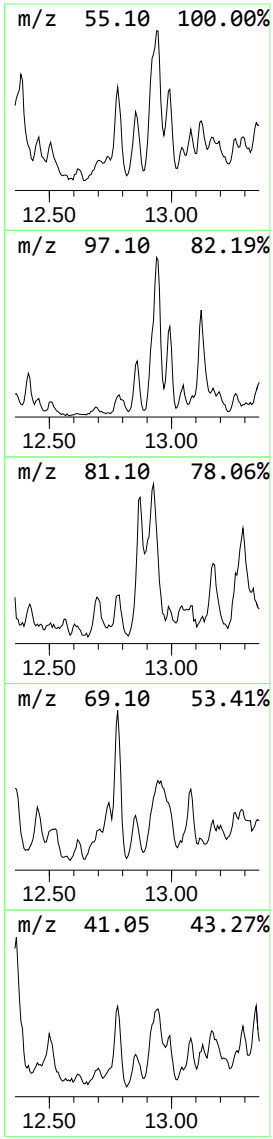
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Glycine, furfuryl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	2.06 ug/L	148027	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, furfuryl ester	155	C7H9NO3	1000306-78-7	53
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46





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Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

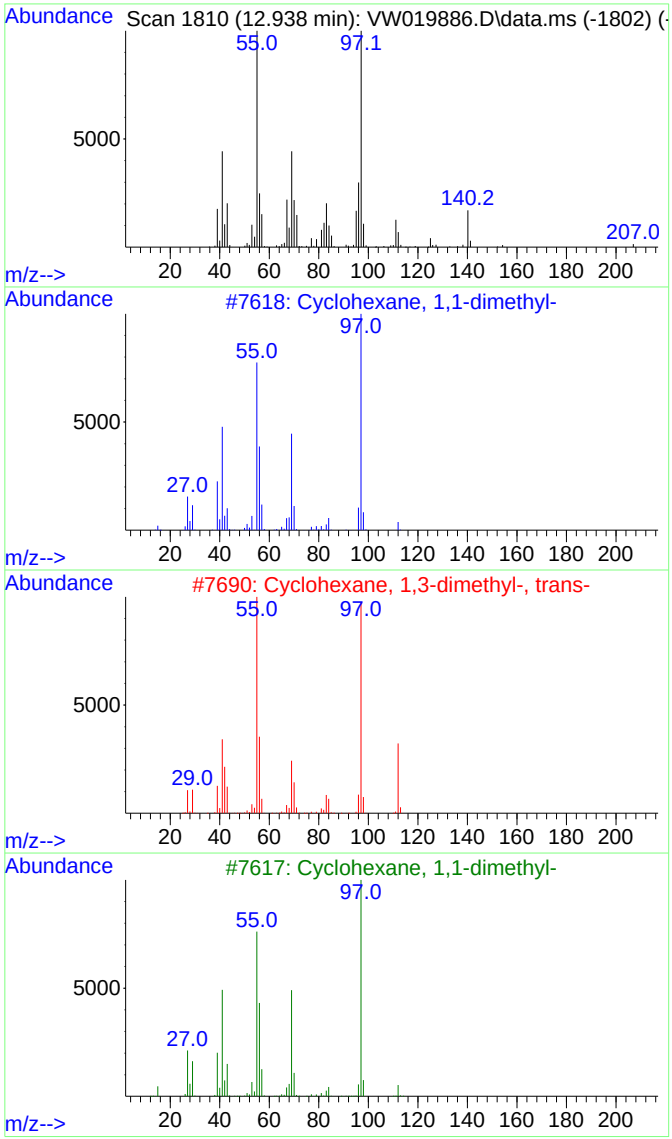
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

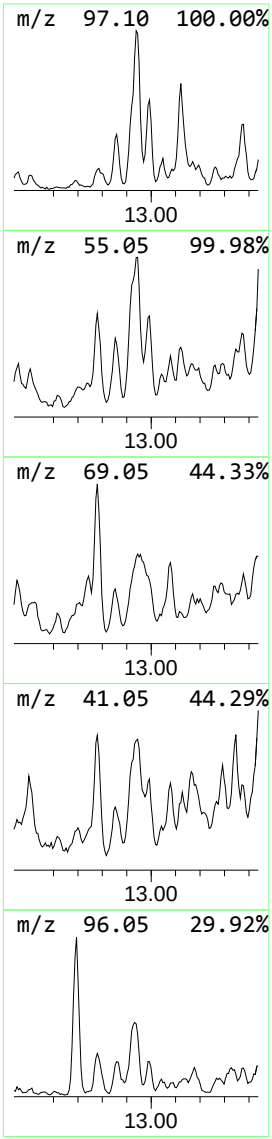
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic12.938 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	6.33 ug/L	455718	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	46
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46





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Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

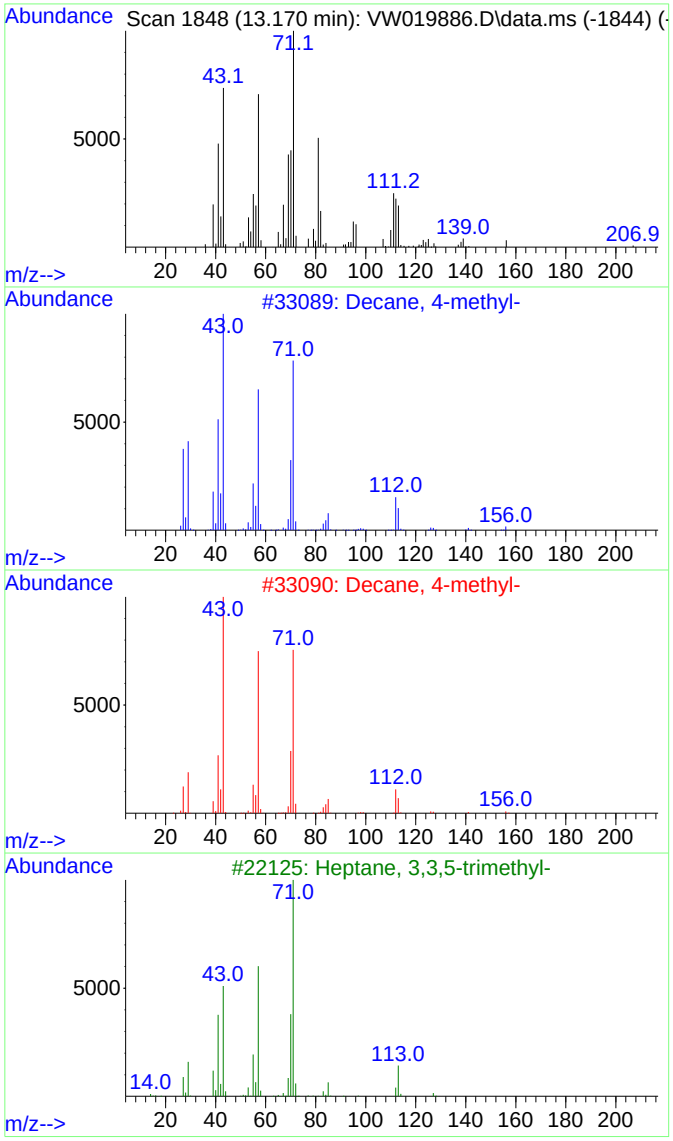
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

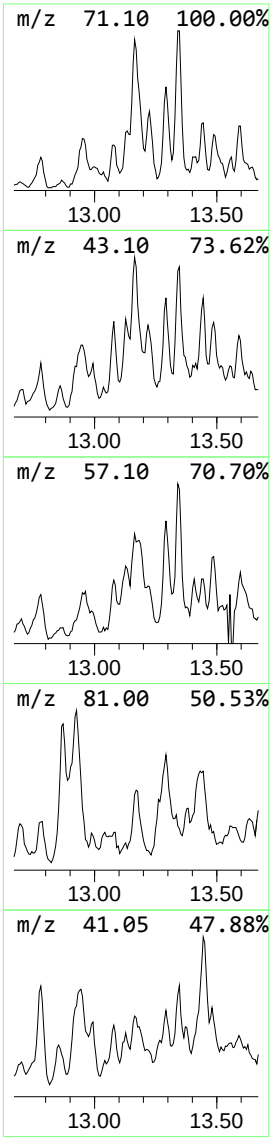
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	1.69 ug/L	121873	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2	Decane, 4-methyl-	156	C11H24	002847-72-5	62
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
4	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	43
5	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

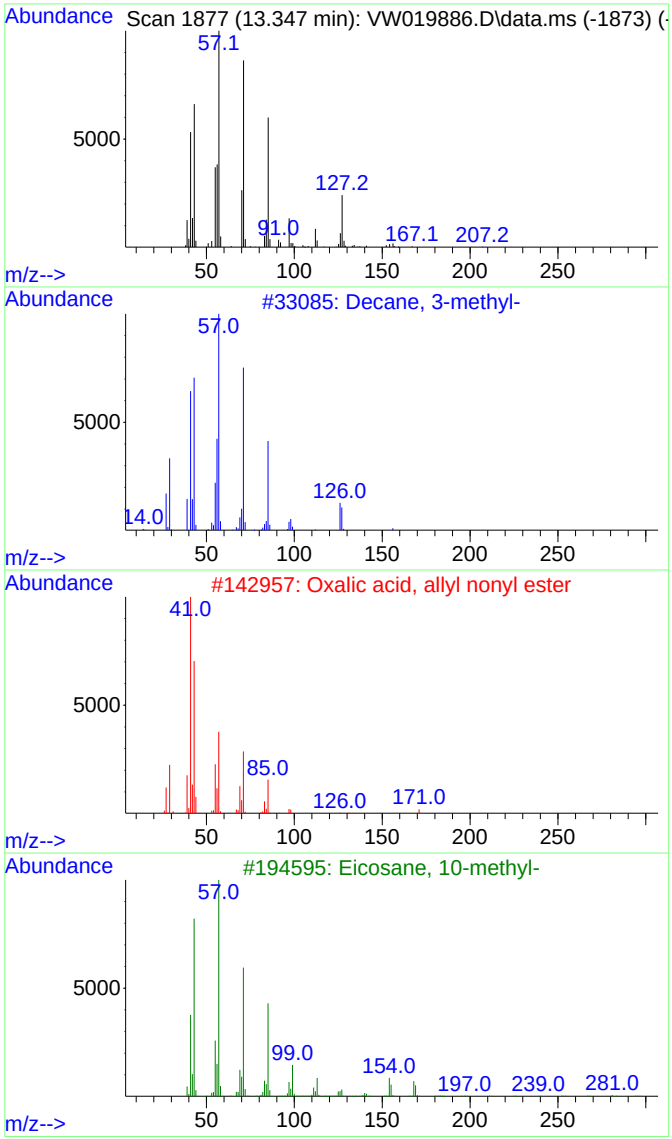
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

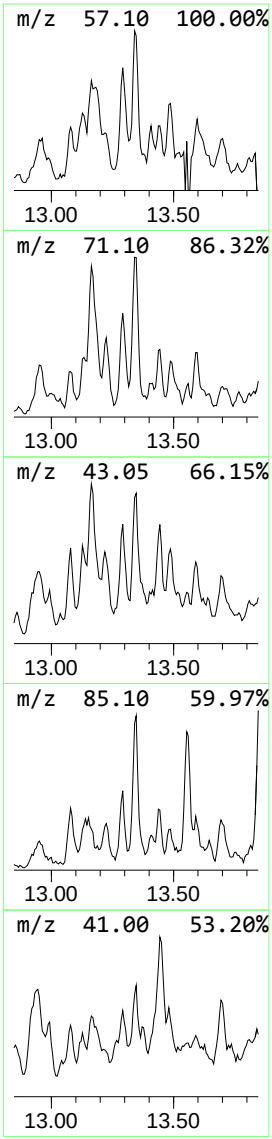
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	1.51 ug/L	108507	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	64
2	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	53
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
4	Octane	114	C8H18	000111-65-9	52
5	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

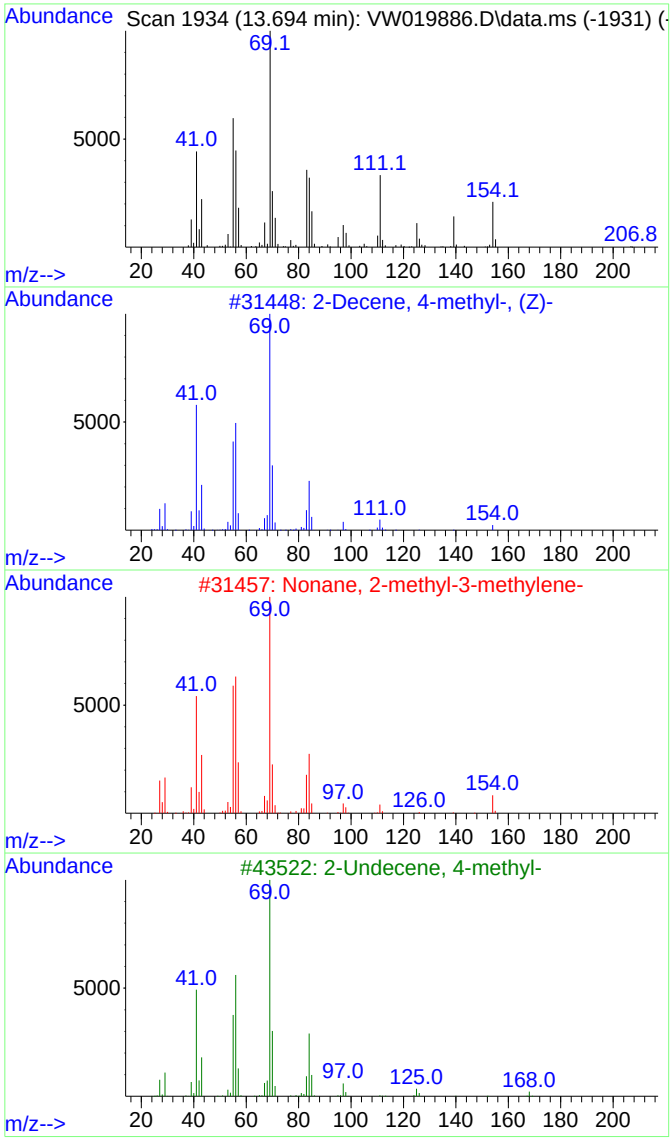
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

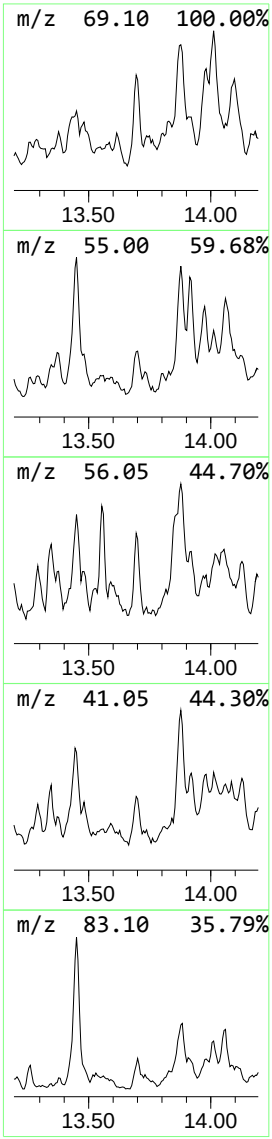
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	1.64 ug/L	118073	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	81
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	74
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	59
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

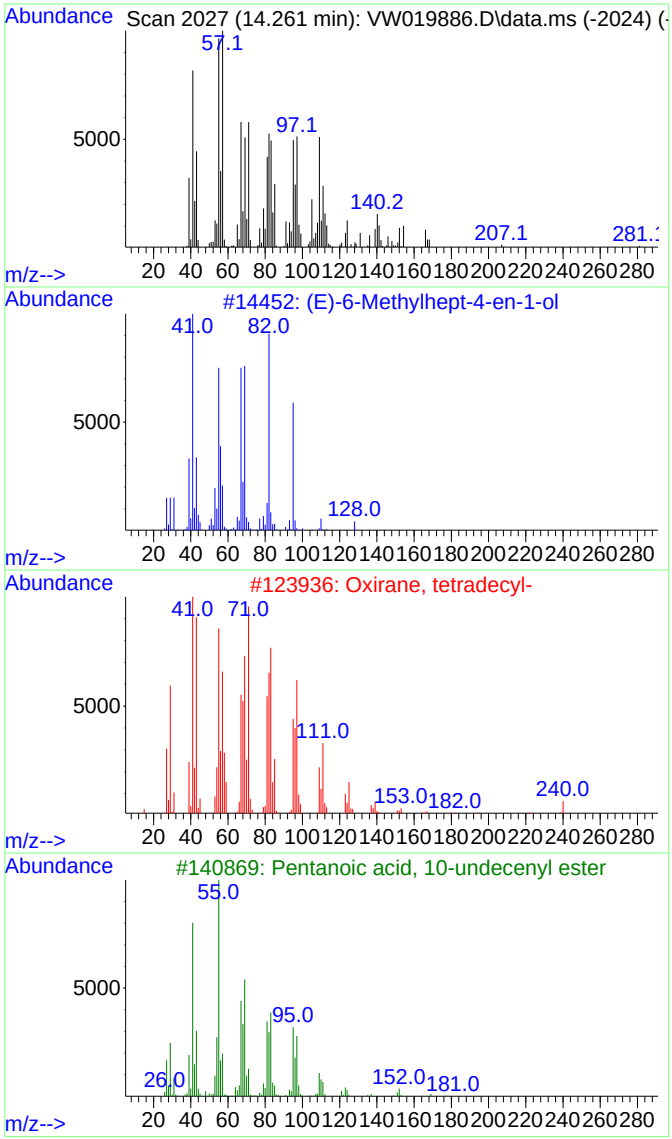
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

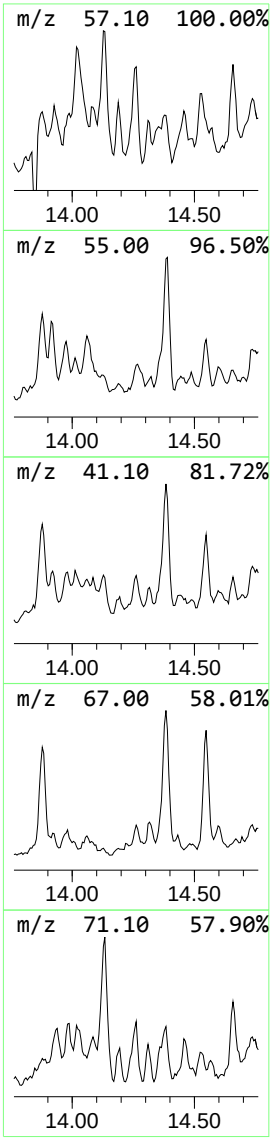
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (E)-6-Methylhept-4-en-1-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	2.14 ug/L	154007	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-6-Methylhept-4-en-1-ol	128	C8H16O	855901-81-4	70
2	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	64
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	58
4	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	46
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

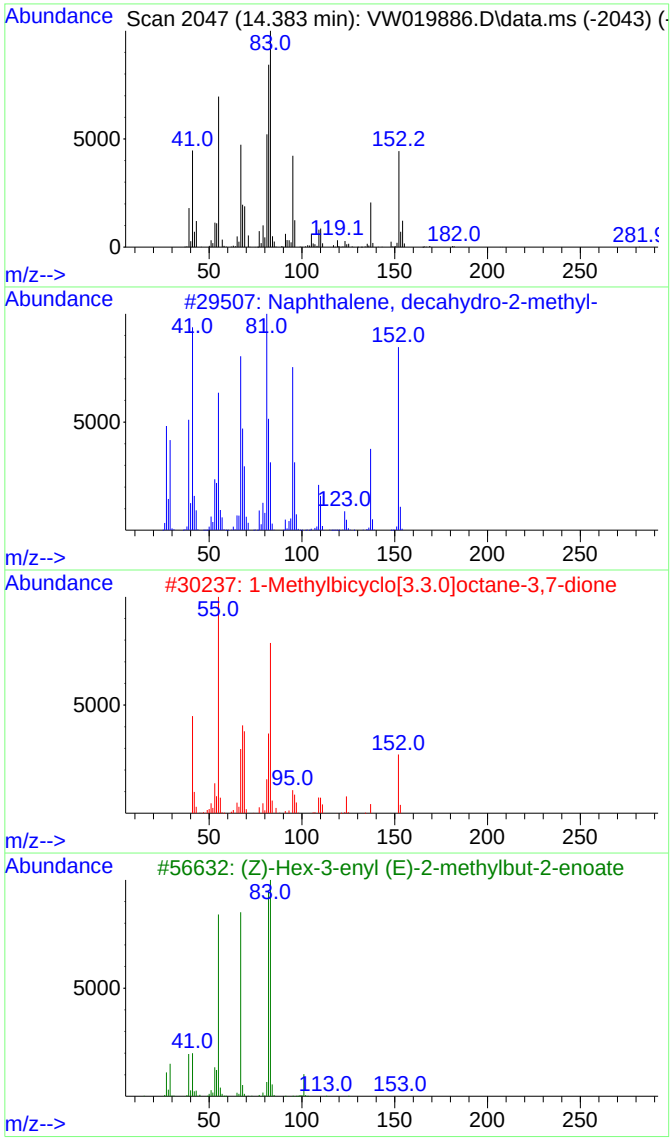
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

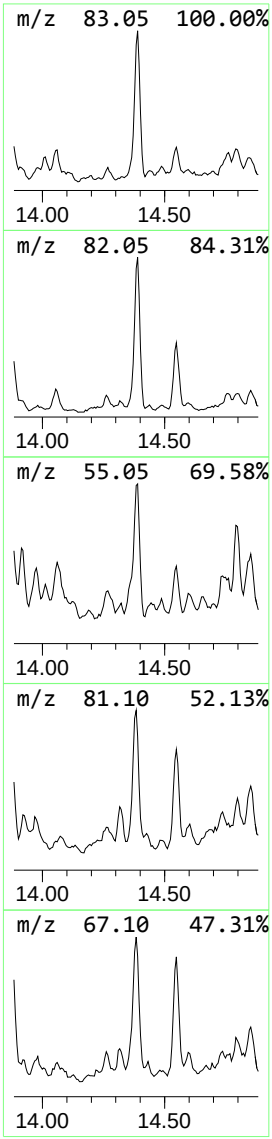
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	8.45 ug/L	607964	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	52
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	43
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

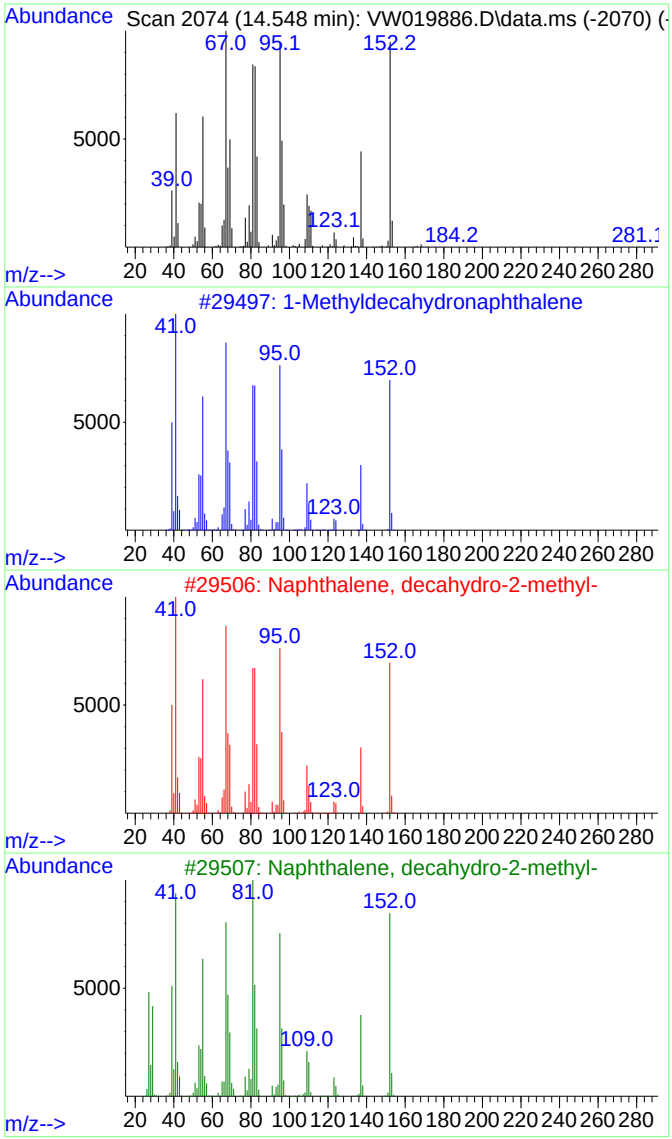
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

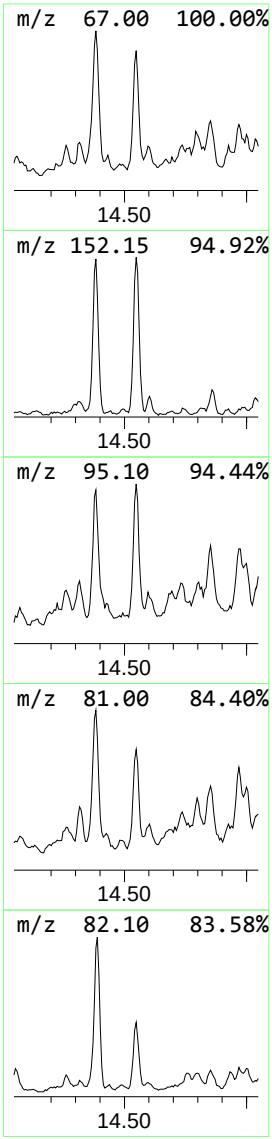
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	5.13 ug/L	369079	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

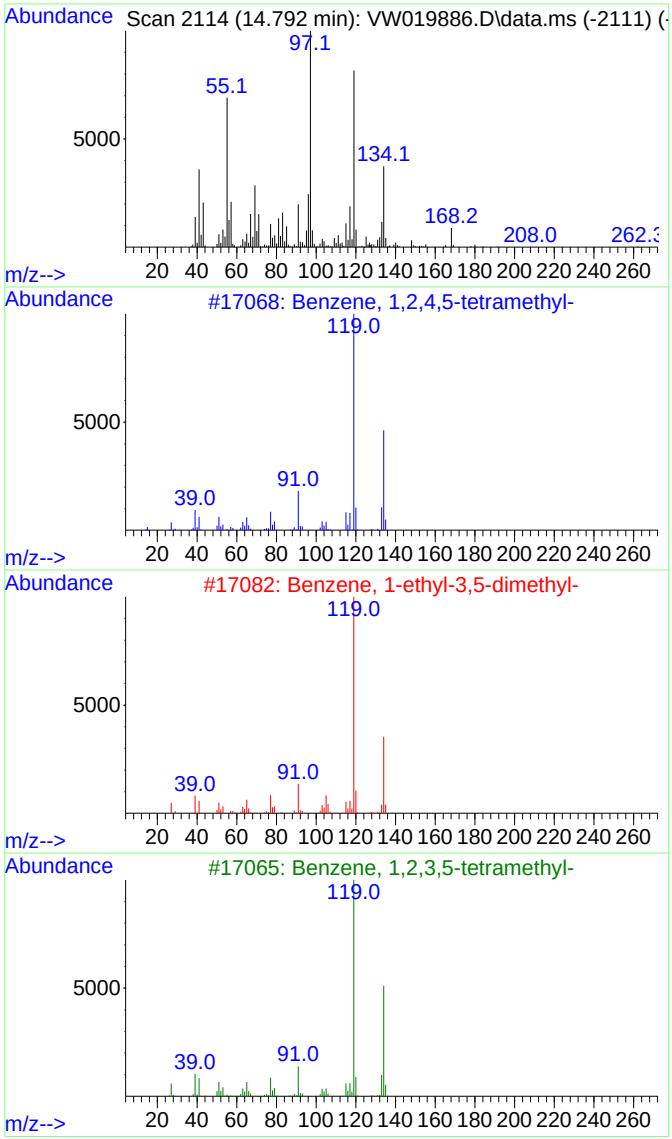
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

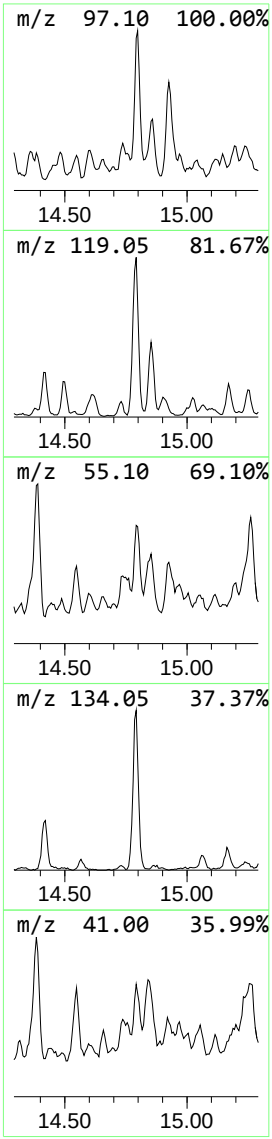
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.96 ug/L	356725	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	83
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK408

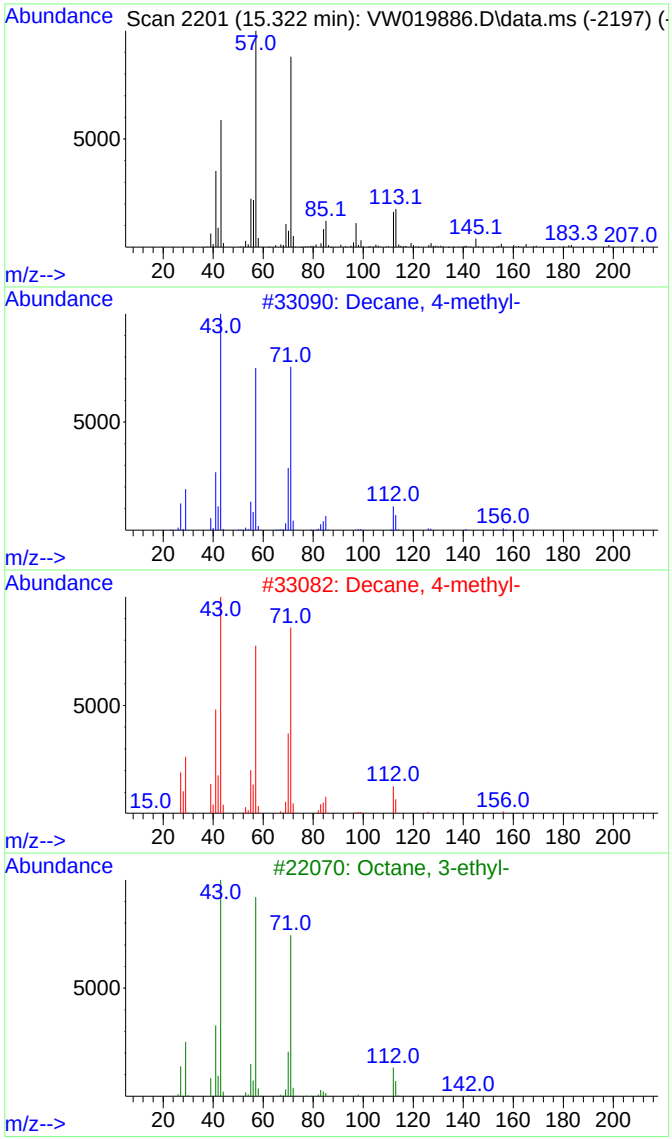
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

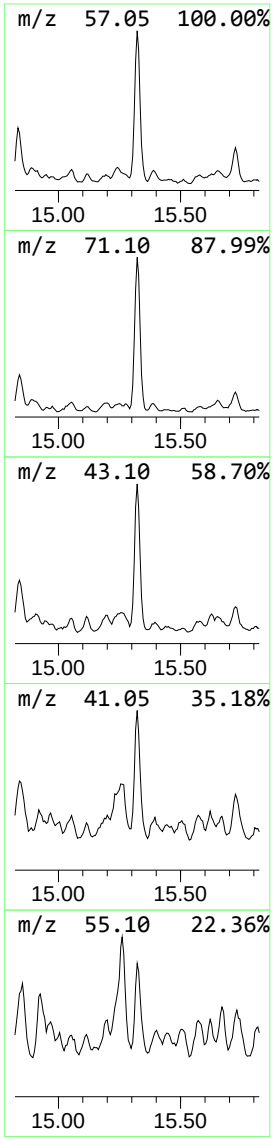
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	11.07 ug/L	796375	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	59
2	Decane, 4-methyl-	156	C11H24	002847-72-5	59
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	59
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

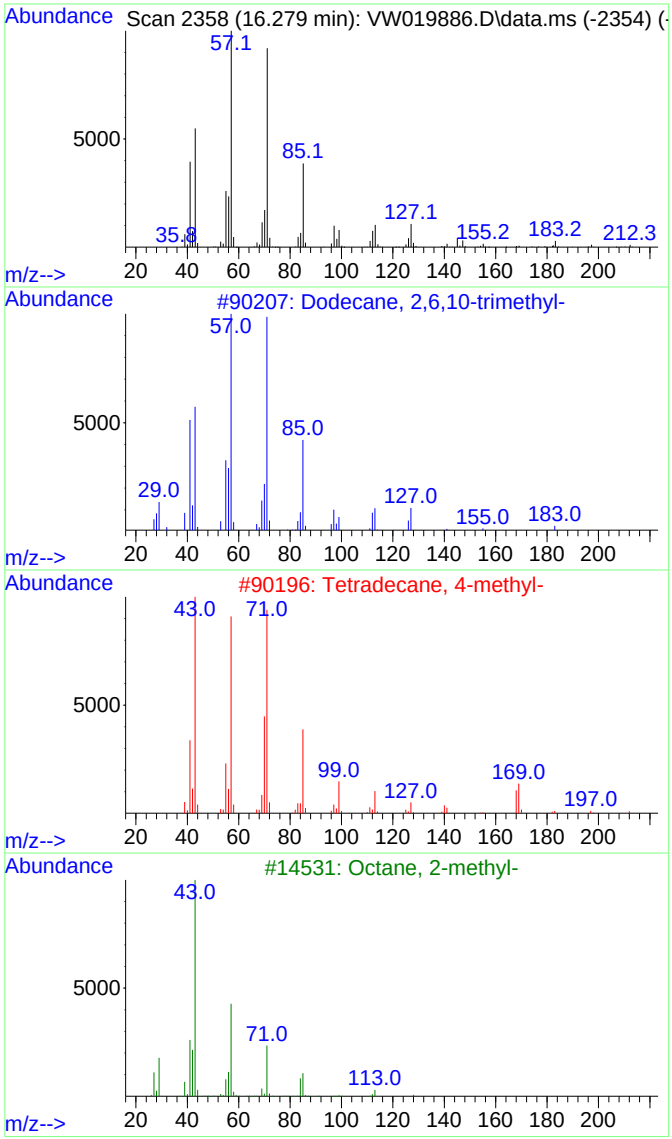
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

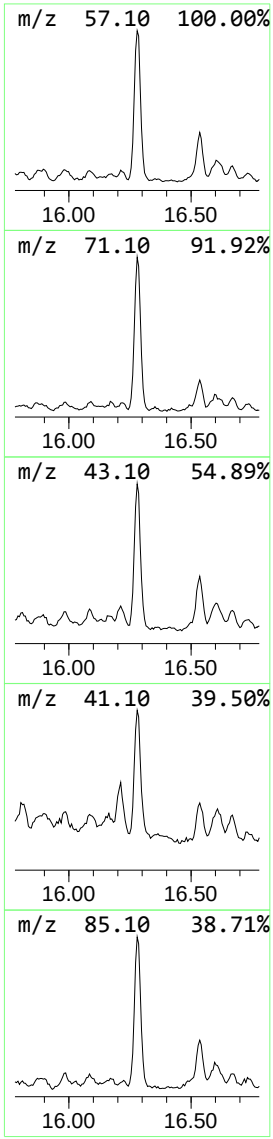
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	7.80 ug/L	561430	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
3	Octane, 2-methyl-	128	C9H20	003221-61-2	74
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019886.D
Acq On : 24 Aug 2021 19:41
Operator : SY/VA
Sample : VIBLK408
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK408

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	11.231	2.9	ug/L	208741	2	11.634	1807480	25.0
(DEL) Alkane: C...	11.335	1.6	ug/L	111883	2	11.634	1807480	25.0
(DEL) Alkane: C...	11.439	1.5	ug/L	105498	2	11.634	1807480	25.0
(DEL) Alkane: C...	11.878	1.4	ug/L	103393	2	11.634	1807480	25.0
(DEL) Alkane: C...	12.140	3.2	ug/L	231556	2	11.634	1807480	25.0
(DEL) Alkane: S...	12.365	11.8	ug/L	850941	2	11.634	1807480	25.0
(DEL) Alkane: C...	12.780	4.0	ug/L	288916	3	13.554	1798810	25.0
Glycine, furfur...	12.859	2.1	ug/L	148027	3	13.554	1798810	25.0
(DEL) Alkane: C...	12.938	6.3	ug/L	455718	3	13.554	1798810	25.0
(DEL) Alkane: S...	13.170	1.7	ug/L	121873	3	13.554	1798810	25.0
(DEL) Alkane: S...	13.347	1.5	ug/L	108507	3	13.554	1798810	25.0
(DEL) Alkane: S...	13.694	1.6	ug/L	118073	3	13.554	1798810	25.0
(E)-6-Methylhep...	14.261	2.1	ug/L	154007	3	13.554	1798810	25.0
Naphthalene, de...	14.383	8.4	ug/L	607964	3	13.554	1798810	25.0
1-Methyldecahyd...	14.548	5.1	ug/L	369079	3	13.554	1798810	25.0
Benzene, 1,2,4,...	14.792	5.0	ug/L	356725	3	13.554	1798810	25.0
(DEL) Alkane: S...	15.322	11.1	ug/L	796375	3	13.554	1798810	25.0
(DEL) Alkane: S...	16.279	7.8	ug/L	561430	3	13.554	1798810	25.0