LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

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\SFAMWLM100821SMA.M
Title : SFAM01.0

Signal : TIC: VW020441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	82	rVB	66881	107176	11.10%	0.724%
2	2.879	152	160	169	rBV	34500	70527	7.31%	0.476%
3	3.080	191	193	194	rBV2	844	716	0.07%	0.005%
4	3.117	197	199	200	rVV2	985	873	0.09%	0.006%
5	3.135	200	202	203	rVV2	1223	960	0.10%	0.006%
6	3.154	203	205	217	rVB5	3076	8346	0.86%	0.056%
7	3.257	221	222	226	rVB2	392	316	0.03%	0.002%
8	3.300	226	229	230	rBV2	242	210	0.02%	0.001%
9	3.312	230	231	235	rVB4	181	172	0.02%	0.001%
10	3.373	240	241	245	rVB2	222	218	0.02%	0.001%
11	3.464	252	256	261	rVB2	276	444	0.05%	0.003%
12	3.696	290	294	298	rBV2	177	248	0.03%	0.002%
13	4.019	335	347	362	rBV	98171	288653	29.91%	1.949%
14	4.257	382	386	390	rVV2	371	488	0.05%	0.003%
15	4.440	413	416	420	rBV2	227	243	0.03%	0.002%
16	4.702	456	459	462	rVB	169	180	0.02%	0.001%
17	4.915	484	494	509	rVV2	10838	35548	3.68%	0.240%
18	5.854	643	648	651	rVB2	107	161	0.02%	0.001%
19	5.946	655	663	672	rVB3	1942	5388	0.56%	0.036%
20	6.525	754	758	760	rBV	149	205	0.02%	0.001%
21	7.086	841	850	866	rBV	29151	82454	8.54%	0.557%
22	7.220	870	872	874	rVB3	225	168	0.02%	0.001%
23	7.238	874	875	879	rBV3	135	199	0.02%	0.001%
24	7.299	881	885	888	rVB2	186	304	0.03%	0.002%
25	7.397	899	901	904	rVB2	152	174	0.02%	0.001%
26	7.458	907	911	913	rBV	143	175	0.02%	0.001%
27	7.488	913	916	919	rBV2	161	167	0.02%	0.001%
28	7.549	919	926	928	rBV4	406	771	0.08%	0.005%
29	7.653	932	943	955	rBV	157845	383936	39.78%	2.592%
30	7.769	958	962	963	rBV	239	266	0.03%	0.002%
31	7.781	963	964	966	rBV	333	166	0.02%	0.001%
32	7.805	966	968	972	rVB3	362	336	0.03%	0.002%
33	7.866	972	978	979	rBV3	388	503	0.05%	0.003%
34	7.884	979	981	984	rVB3	393	297	0.03%	0.002%
35	7.915	984	986	988	rBV	412	384	0.04%	0.003%
36	7.945	988	991	996	rVB4	723	1018	0.11%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

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\SFAMWLM100821SMA.M
Title : SFAM01.0

37	7.994	996	999	1001	rVB4	414	355	0.04%	0.002%
38	8.019	1001	1003	1005	rBV3	297	215	0.02%	0.001%
39	8.092	1011	1015	1017	rBV5	498	698	0.07%	0.005%
40	8.201	1029	1033	1034	rBV2	290	343	0.04%	0.002%
41	8.275	1034	1045	1058	rBV2	321052	965137	100.00%	6.517%
42	8.610	1098	1100	1101	rBV2	450	313	0.03%	0.002%
43	8.683	1109	1112	1113	rBV3	820	993	0.10%	0.007%
44	8.842	1129	1138	1150	rBV	357434	723468	74.96%	4.885%
45	9.037	1169	1170	1172	rBV2	763	656	0.07%	0.004%
46	9.067	1174	1175	1176	rBV	728	511	0.05%	0.003%
47	9.274	1201	1209	1221	rBV	227870	461902	47.86%	3.119%
48	9.658	1270	1272	1275	rBV4	1139	1135	0.12%	0.008%
49	9.896	1308	1311	1316	rBV7	1447	2942	0.30%	0.020%
50	10.036	1327	1334	1341	rBV	131157	239106	24.77%	1.614%
51	10.323	1374	1381	1388	rBV	484479	842861	87.33%	5.691%
52	10.579	1417	1423	1431	rVB	86074	142358	14.75%	0.961%
53	10.707	1439	1444	1451	rBV2	6060	11852	1.23%	0.080%
54	10.927	1474	1480	1487	rBV	123187	216068	22.39%	1.459%
55	11.634	1589	1596	1604	rBV	511679	867054	89.84%	5.854%
56	12.249	1693	1697	1700	rBV3	8367	15416	1.60%	0.104%
57	12.432	1714	1727	1739	rBV	112123	553588	57.36%	3.738%
58	12.695	1764	1770	1777	rVB	166741	287295	29.77%	1.940%
59	12.877	1783	1800	1803	rBV3	181047	683069	70.77%	4.612%
60	13.079	1830	1833	1837	rVB6	4834	6914	0.72%	0.047%
61	13.127	1838	1841	1844	rVV4	8669	14275	1.48%	0.096%
62	13.164	1844	1847	1855	rVV3	16831	32858	3.40%	0.222%
63	13.322	1857	1873	1885	rVV3	181750	873962	90.55%	5.901%
64	13.450	1886	1894	1906	rVV2	104717	454701	47.11%	3.070%
65	13.554	1906	1911	1918	rVV	533856	890203	92.24%	6.011%
66	13.621	1919	1922	1928	rVB3	18302	28891	2.99%	0.195%
67	13.755	1941	1944	1948	rVB3	6747	9337	0.97%	0.063%
68	13.853	1948	1960	1969	rBV	423935	768768	79.65%	5.191%
69	13.963	1973	1978	1979	rBV3	18895	28686	2.97%	0.194%
70	14.036	1988	1990	1993	rVV2	11966	14251	1.48%	0.096%
71	14.091	1996	1999	2004	rVB	49147	75211	7.79%	0.508%
72	14.200	2012	2017	2022	rVB4	22297	41273	4.28%	0.279%
73	14.273	2023	2029	2032	rBV4	16584	39842	4.13%	0.269%
74	14.347	2038	2041	2043	rBV3	9783	12948	1.34%	0.087%
75	14.389	2044	2048	2050	rVV4	39179	60798	6.30%	0.411%
76	14.420	2050	2053	2056	rVV2	56533	85690	8.88%	0.579%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

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\SFAMWLM100821SMA.M
Title : SFAM01.0

77	14.456	2056	2059	2062	rVV	60194	74906	7.76%	0.506%
78	14.493	2062	2065	2069	rVB2	38017	47801	4.95%	0.323%
79	14.548	2070	2074	2079	rVB5	11930	20917	2.17%	0.141%
80	14.597	2080	2082	2086	rVB2	7967	8479	0.88%	0.057%
81	14.688	2092	2097	2101	rBV3	38660	87773	9.09%	0.593%
82	14.731	2101	2104	2108	rVV	35844	49781	5.16%	0.336%
83	14.792	2108	2114	2118	rVV4	104199	234410	24.29%	1.583%
84	14.840	2118	2122	2130	rVB2	101047	226201	23.44%	1.527%
85	15.023	2147	2152	2153	rBV3	26128	34688	3.59%	0.234%
86	15.060	2153	2158	2169	rVV3	106219	262206	27.17%	1.770%
87	15.170	2169	2176	2185	rVV5	88373	249653	25.87%	1.686%
88	15.322	2196	2201	2210	rBV2	153358	291519	30.20%	1.968%
89	15.468	2219	2225	2229	rBV5	67793	150413	15.58%	1.016%
90	15.651	2247	2255	2261	rBV3	133187	330676	34.26%	2.233%
91	15.724	2263	2267	2273	rVB	61942	96908	10.04%	0.654%
92	15.816	2277	2282	2287	rBV4	48337	104727	10.85%	0.707%
93	15.944	2299	2303	2308	rVB2	42047	62303	6.46%	0.421%
94	16.023	2308	2316	2321	rBV4	73741	218456	22.63%	1.475%
95	16.163	2333	2339	2343	rBV5	65022	142420	14.76%	0.962%
96	16.212	2343	2347	2353	rVB5	58447	115593	11.98%	0.780%
97	16.279	2353	2358	2364	rBV	131218	231545	23.99%	1.563%
98	16.438	2377	2384	2395	rVB	259199	588690	61.00%	3.975%
99	16.535	2396	2400	2404	rVB3	31891	47600	4.93%	0.321%
100	16.639	2409	2417	2429	rVB	216607	684199	70.89%	4.620%

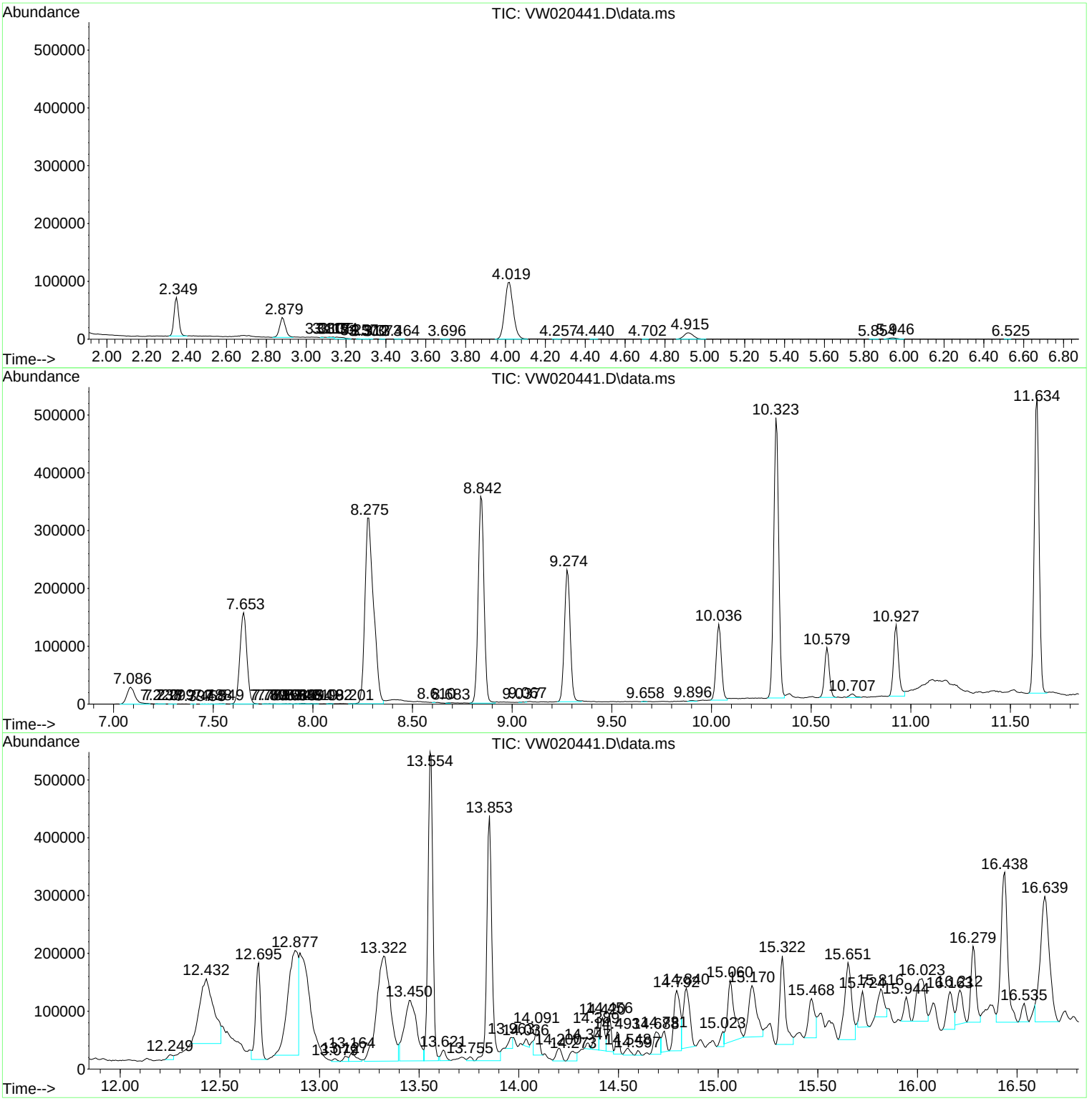
Sum of corrected areas: 14810197

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

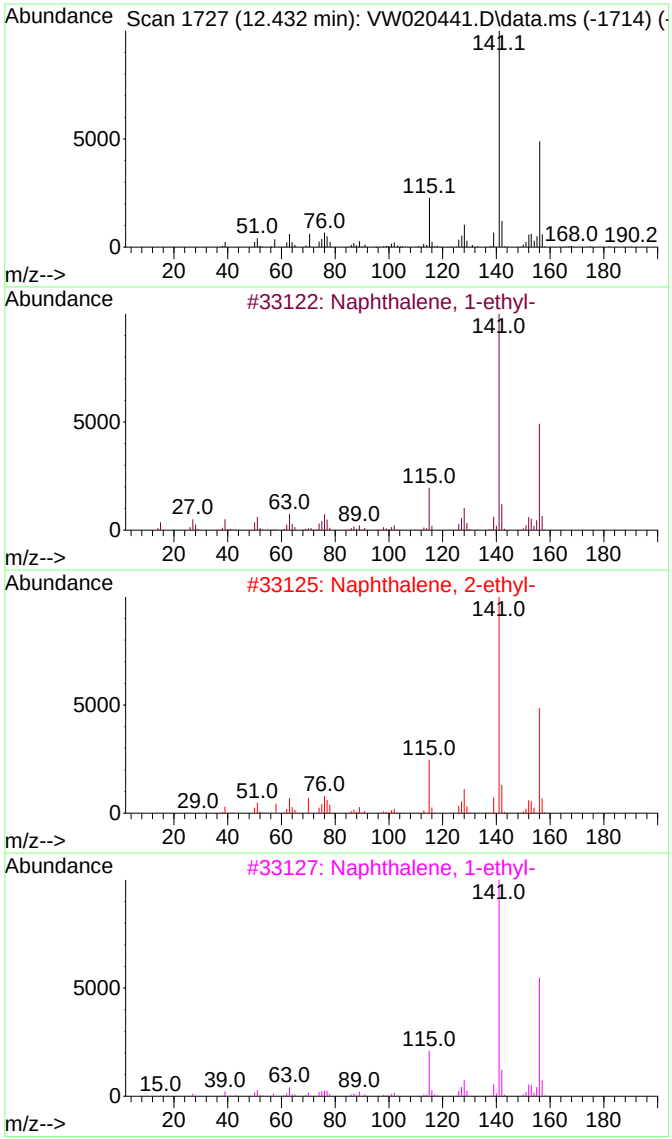
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

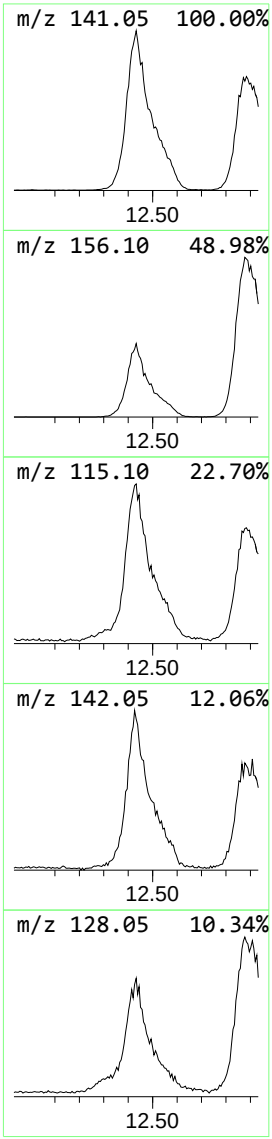
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.432	15.96 ug/L	553588	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

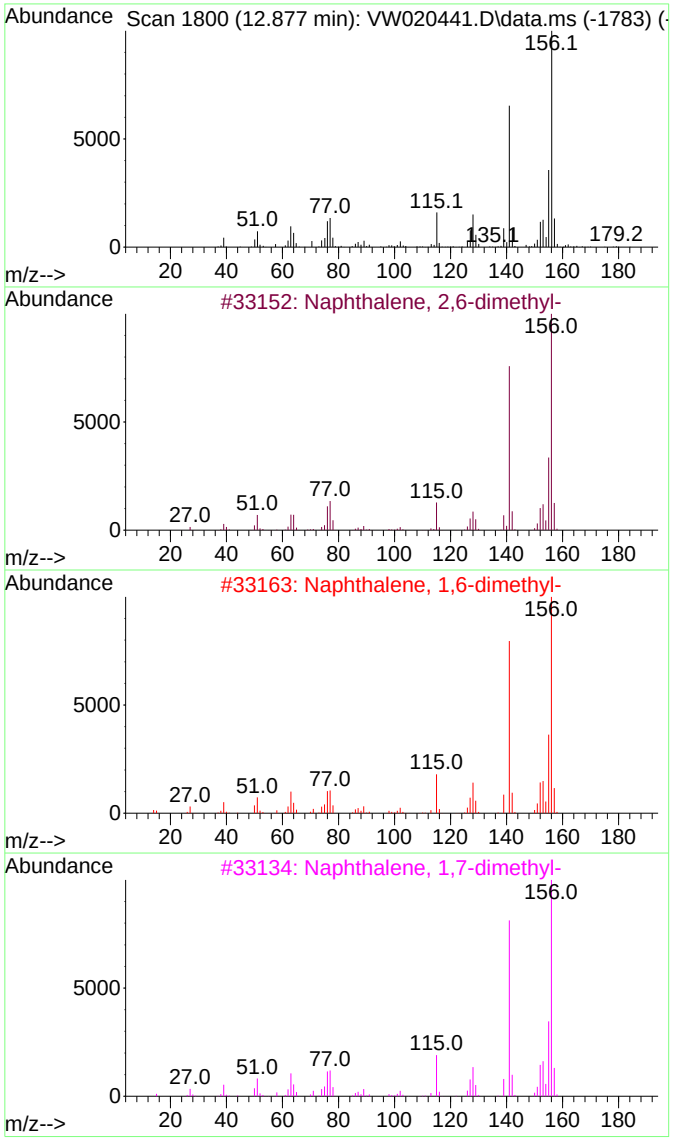
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

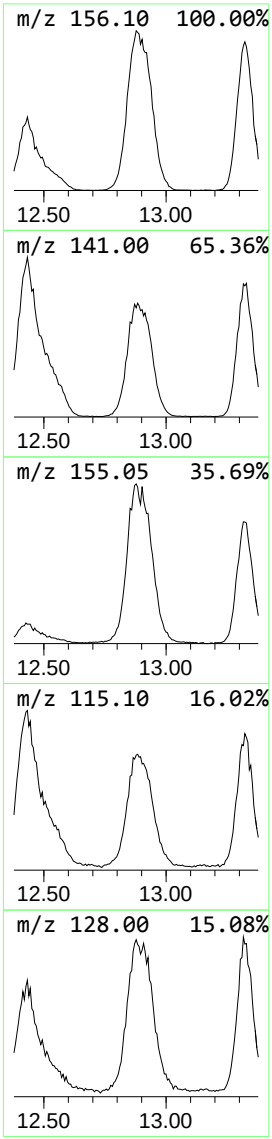
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	19.18 ug/L	683069	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

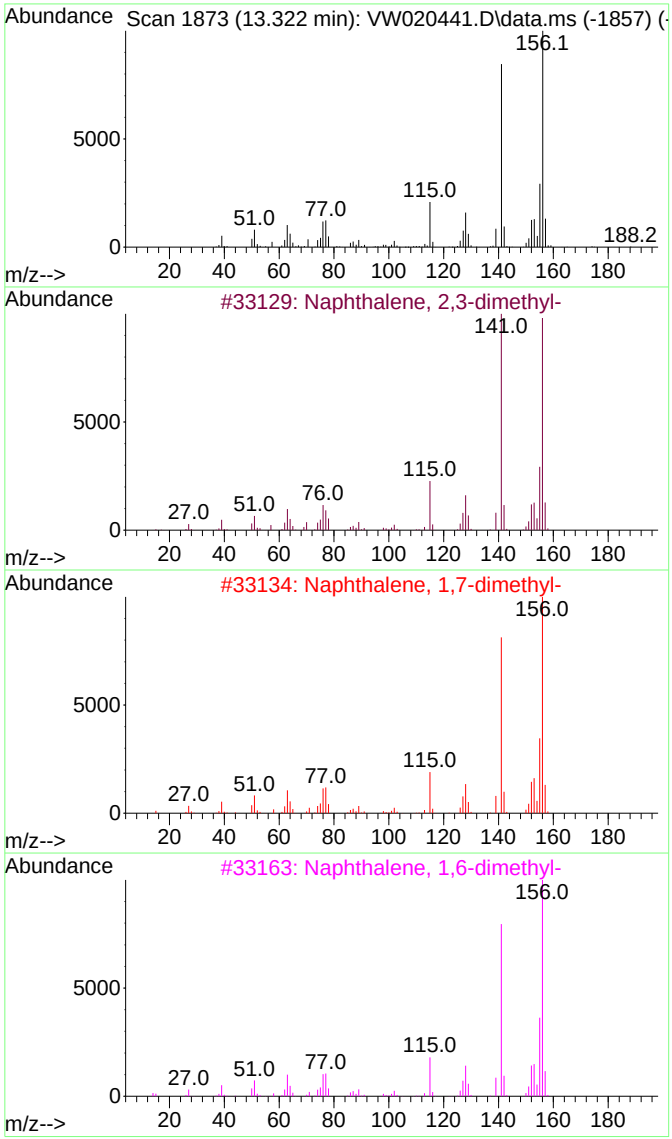
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

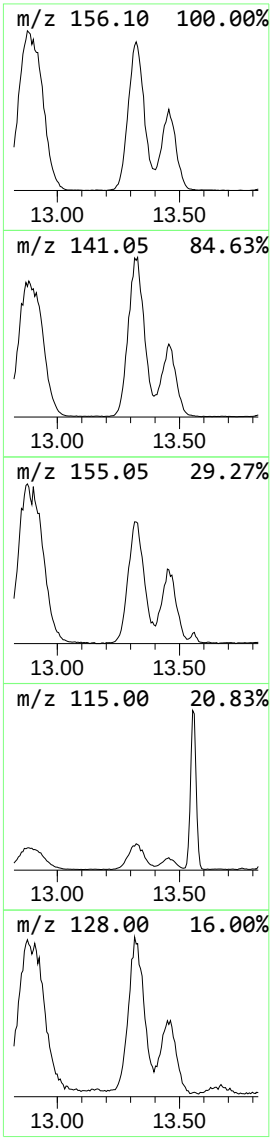
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	24.54 ug/L	873962	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

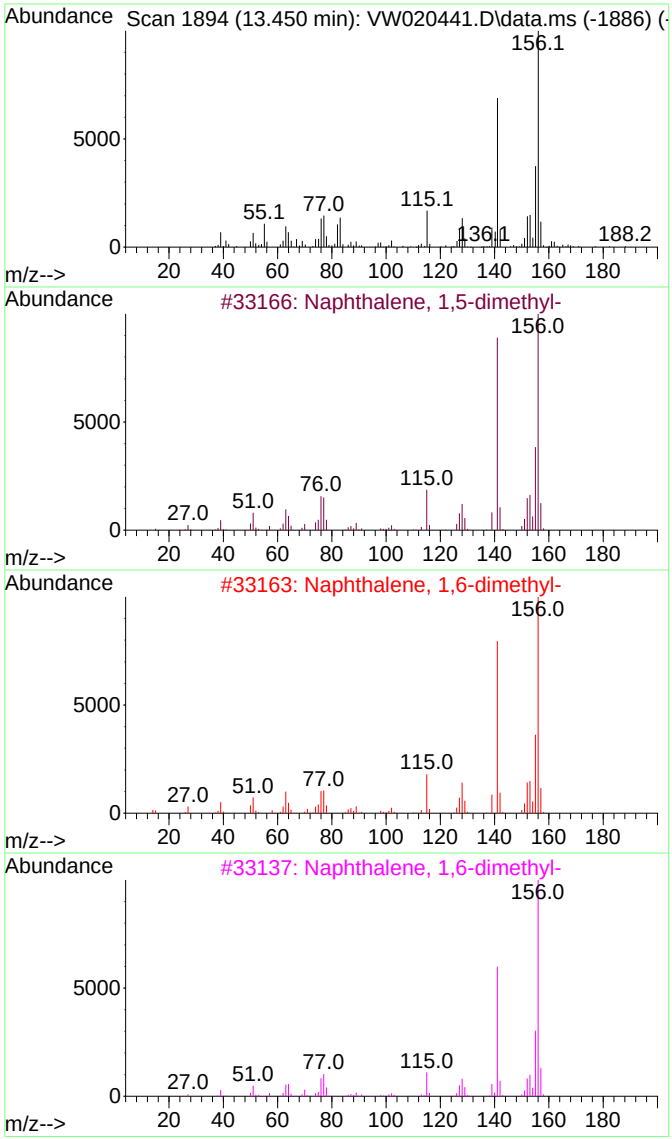
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

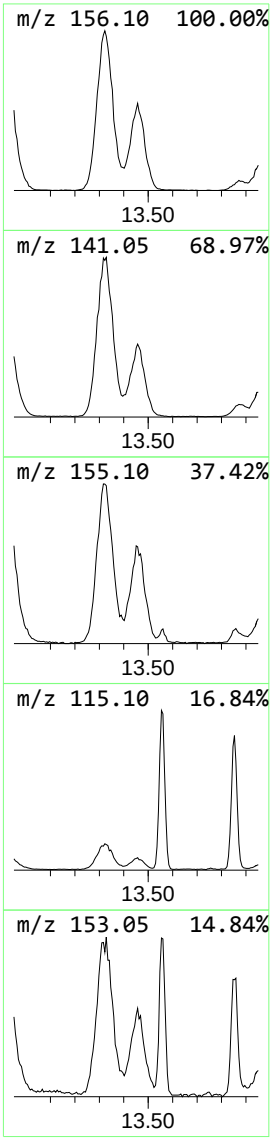
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	12.77 ug/L	454701	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

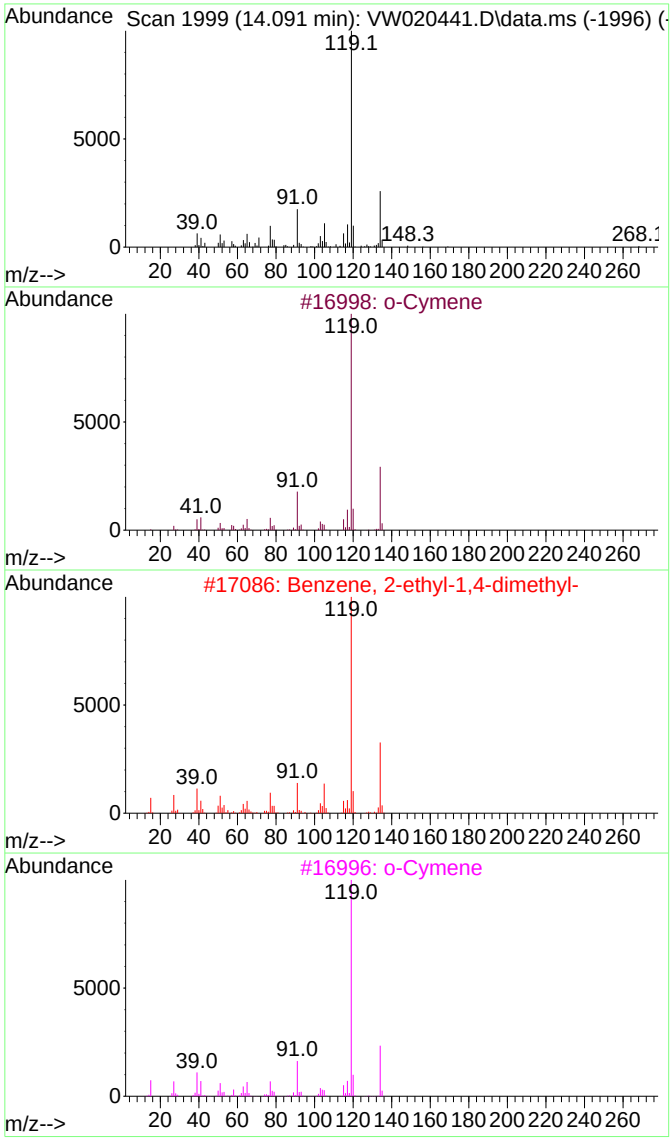
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

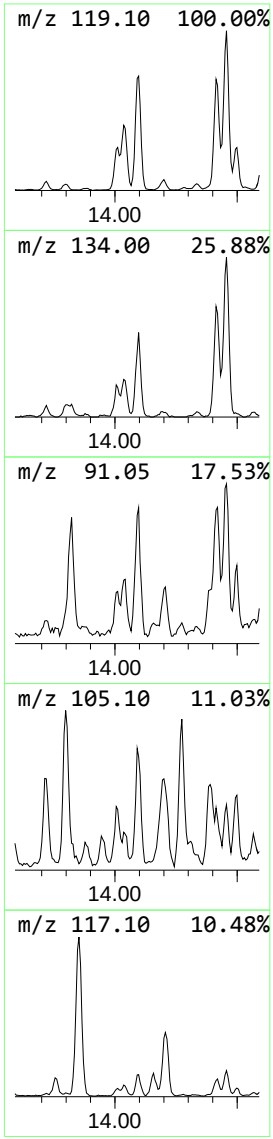
****

Peak Number 6 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.11 ug/L	75211	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

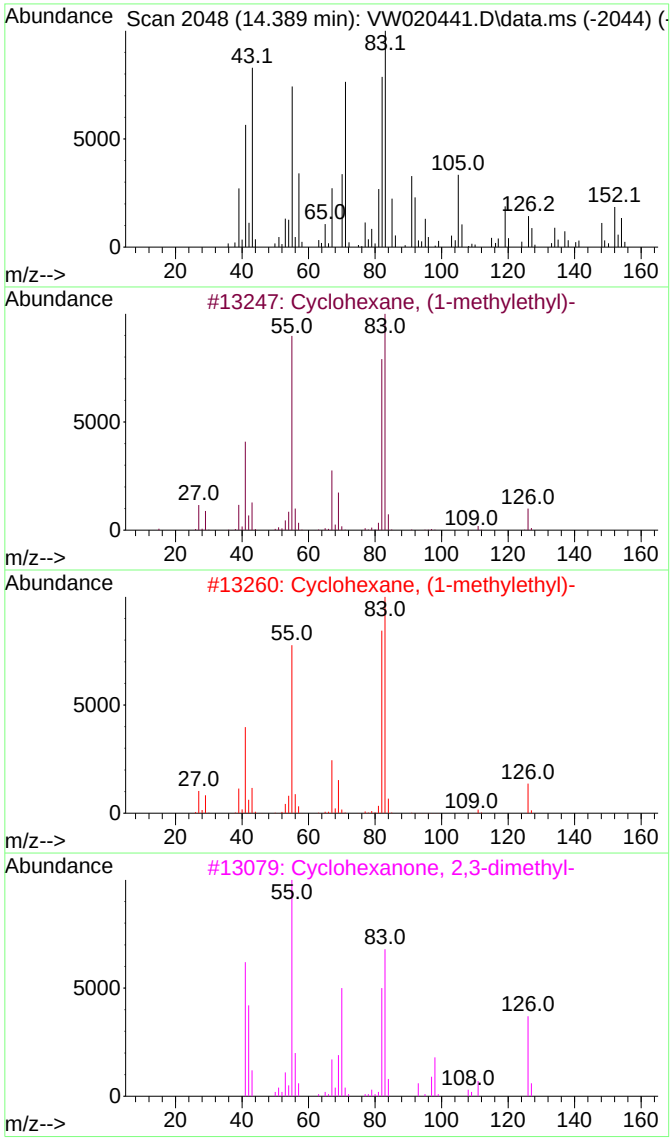
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

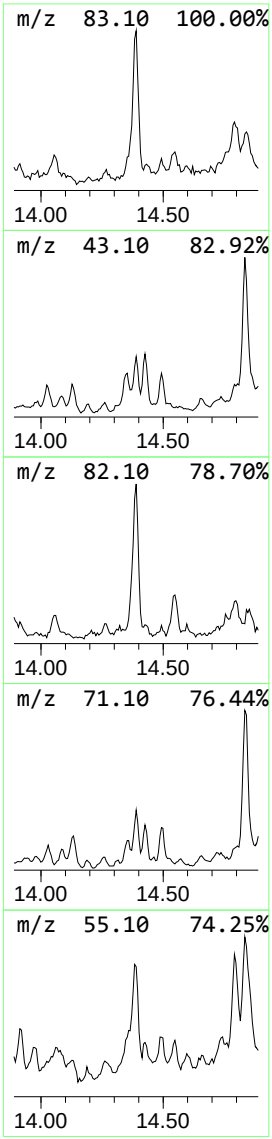
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic14.389 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	1.71 ug/L	60798	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	38
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

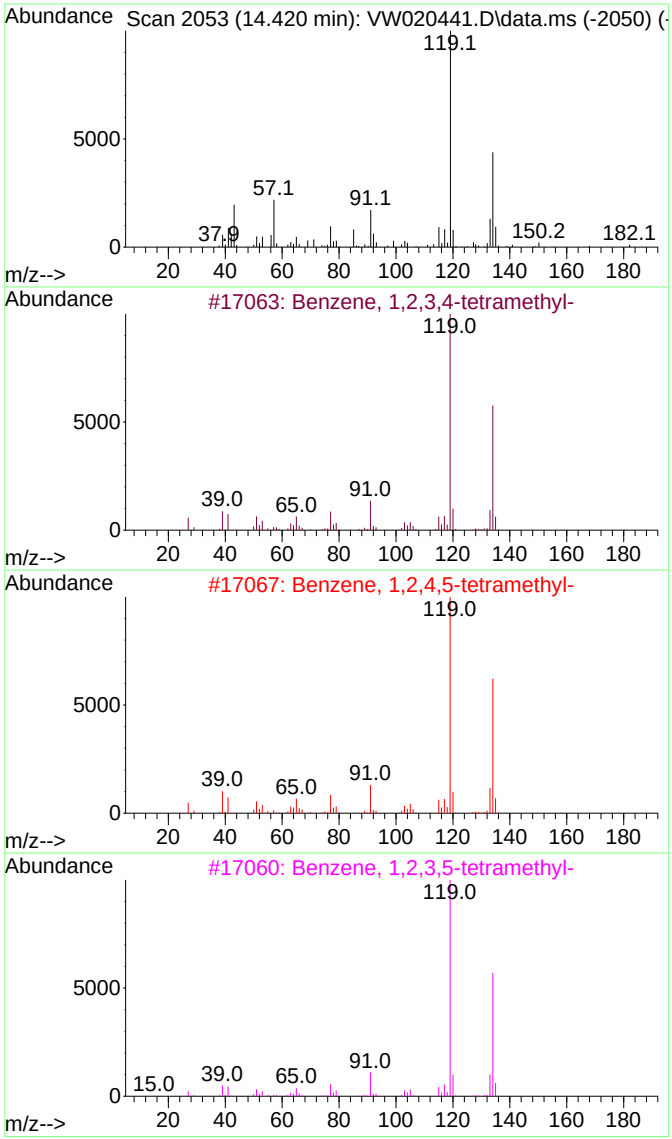
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

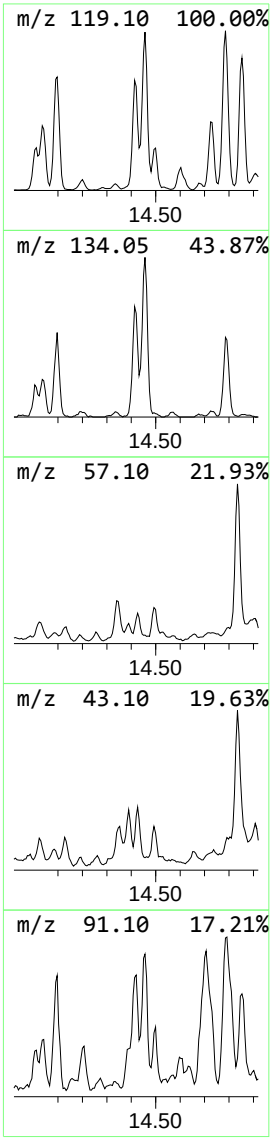
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	2.41 ug/L	85690	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

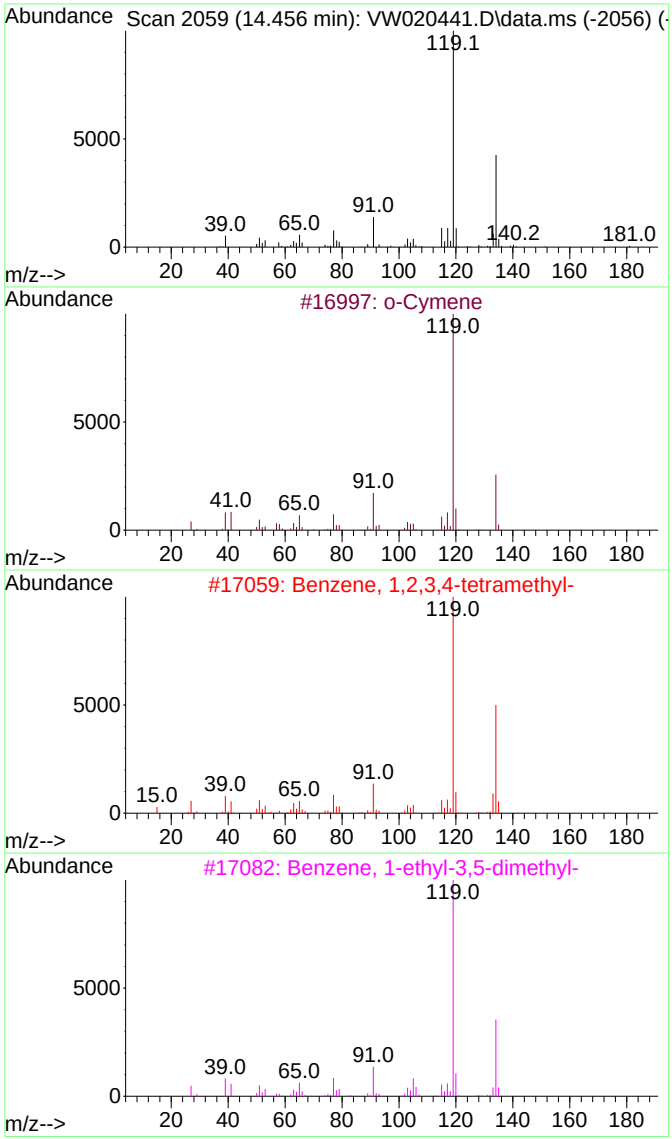
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

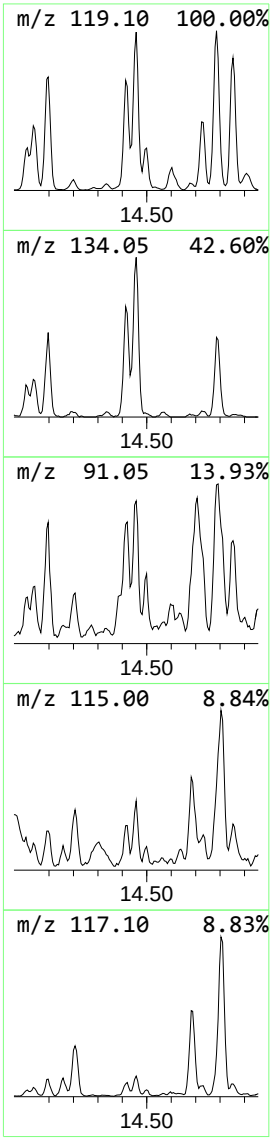
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	2.10 ug/L	74906	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

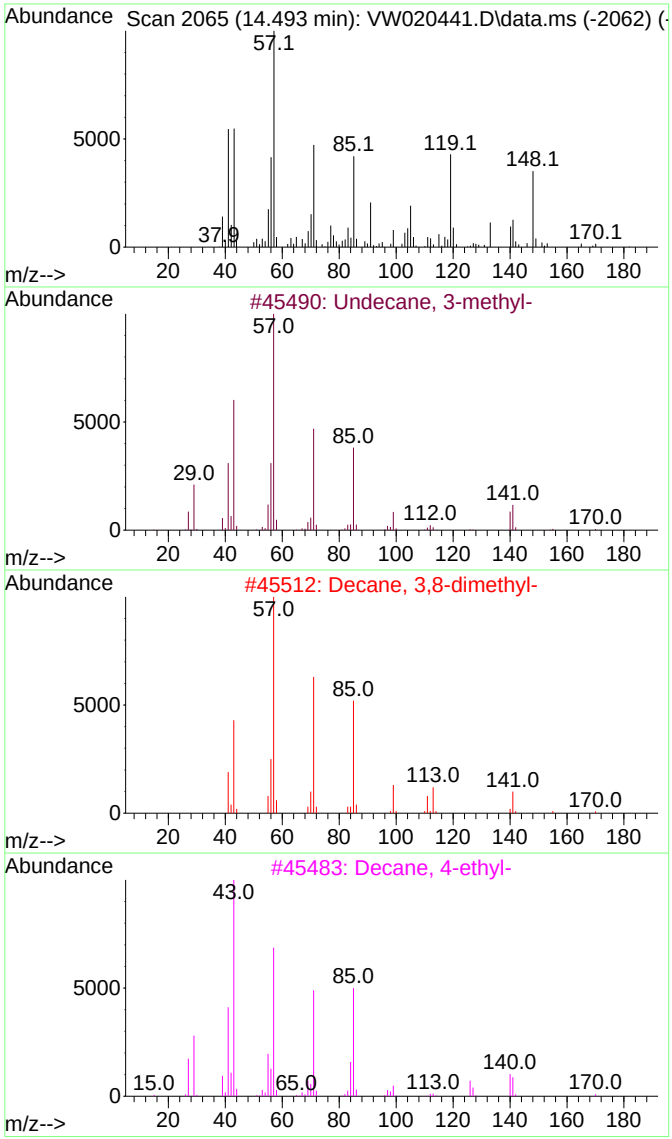
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

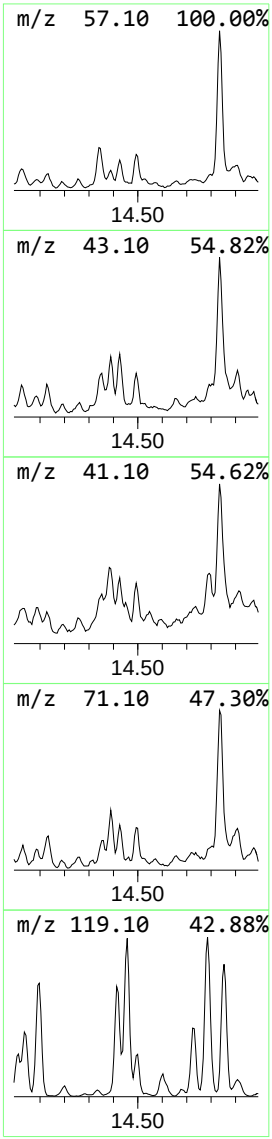
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.34 ug/L	47801	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3	Decane, 4-ethyl-	170	C12H26	001636-44-8	38
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

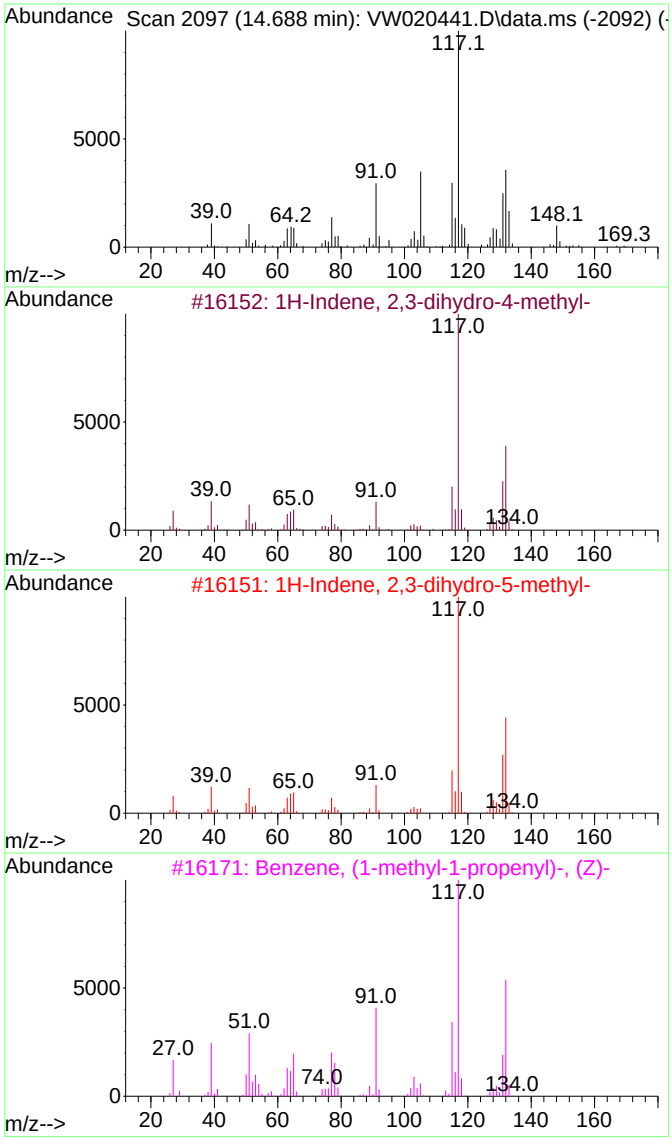
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

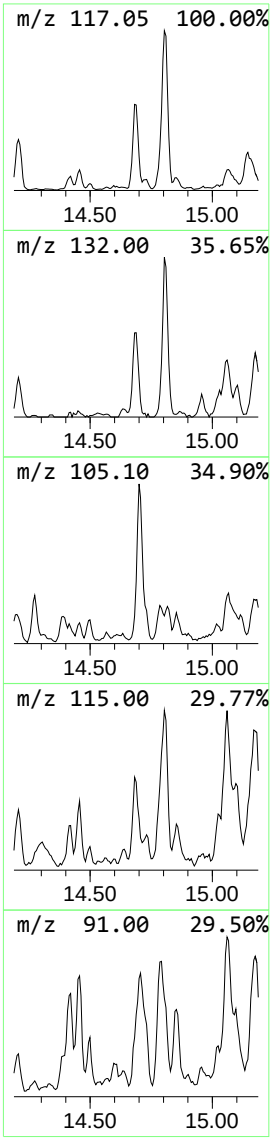
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	2.46 ug/L	87773	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	76
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

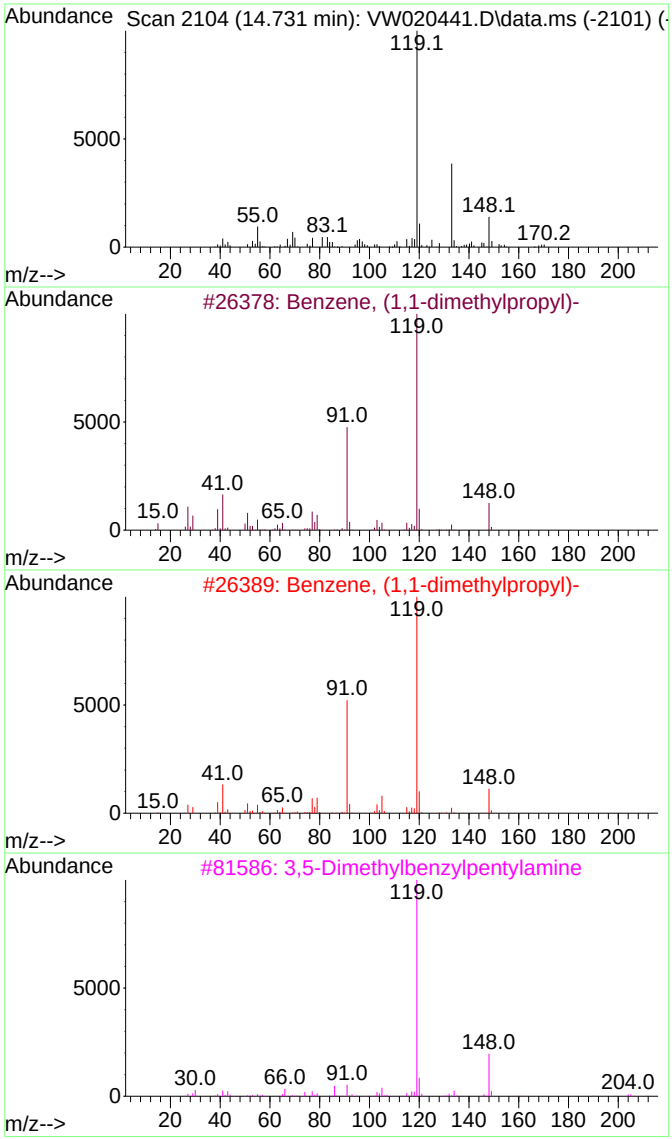
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

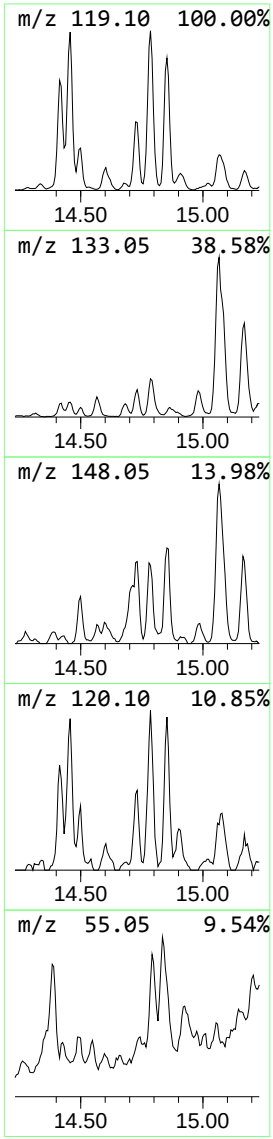
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1,1-dimethylpropyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	1.40 ug/L	49781	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
3	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	50
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

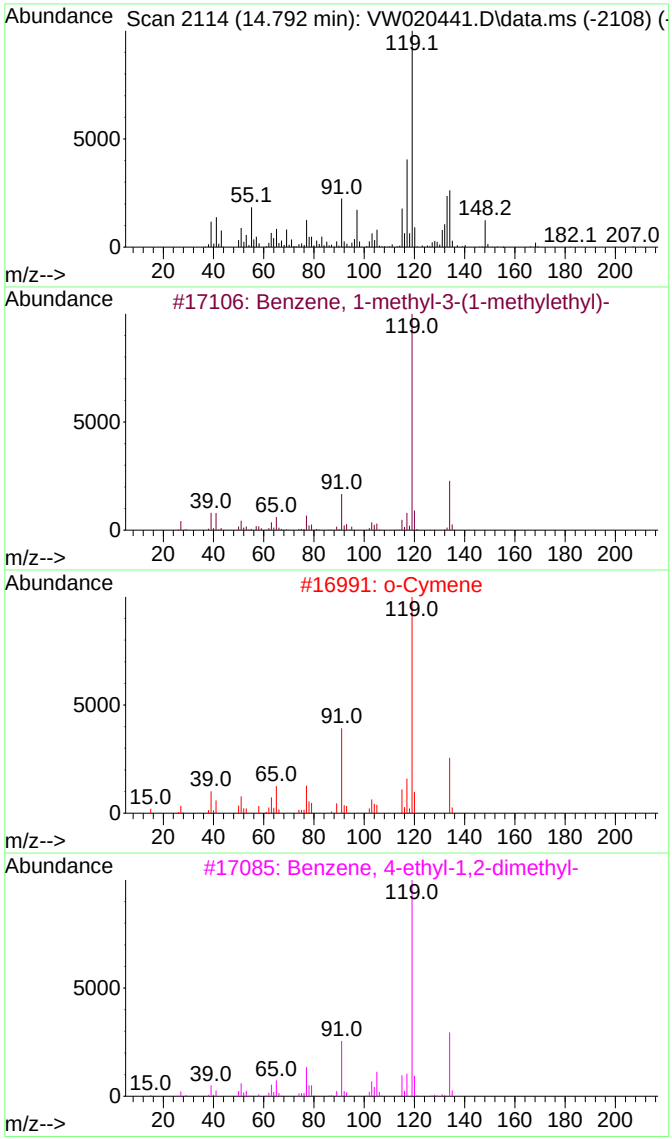
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

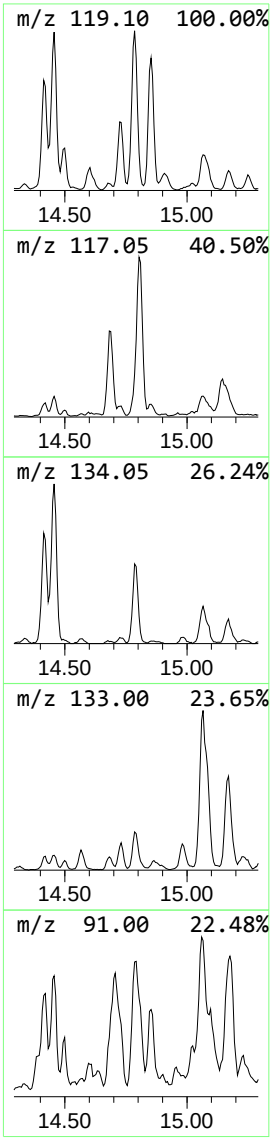
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	6.58 ug/L	234410	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	p-Cymene	134	C10H14	000099-87-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

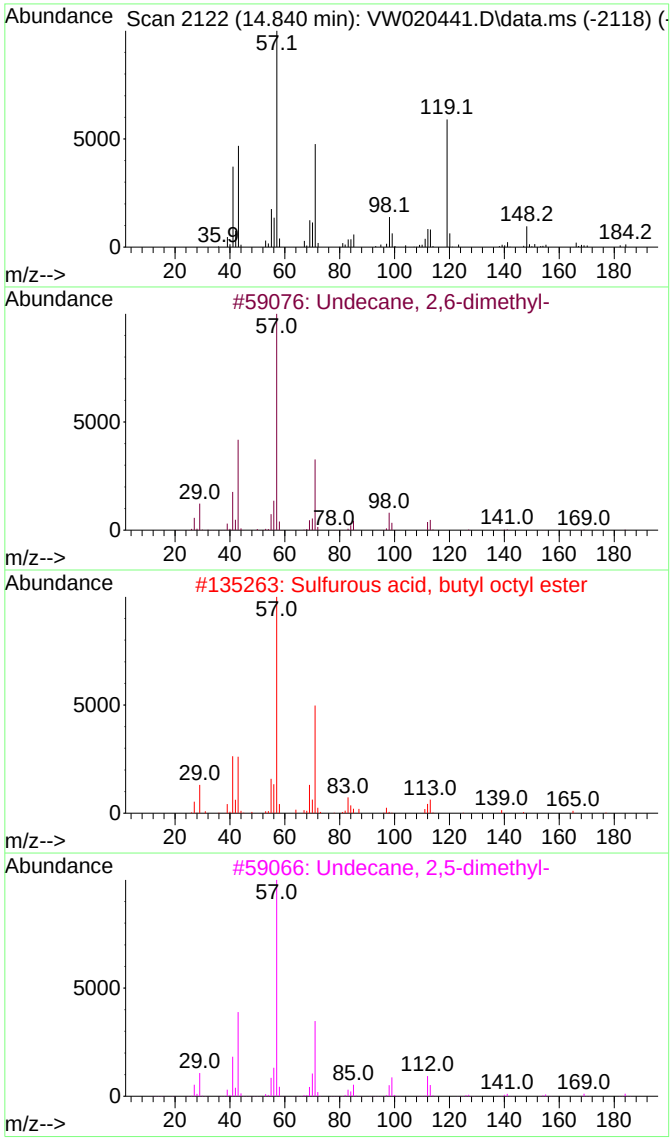
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

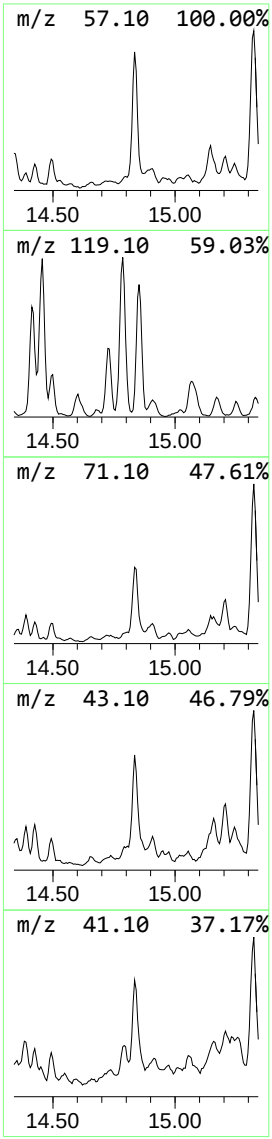
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	6.35 ug/L	226201	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	43
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	42
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	42
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

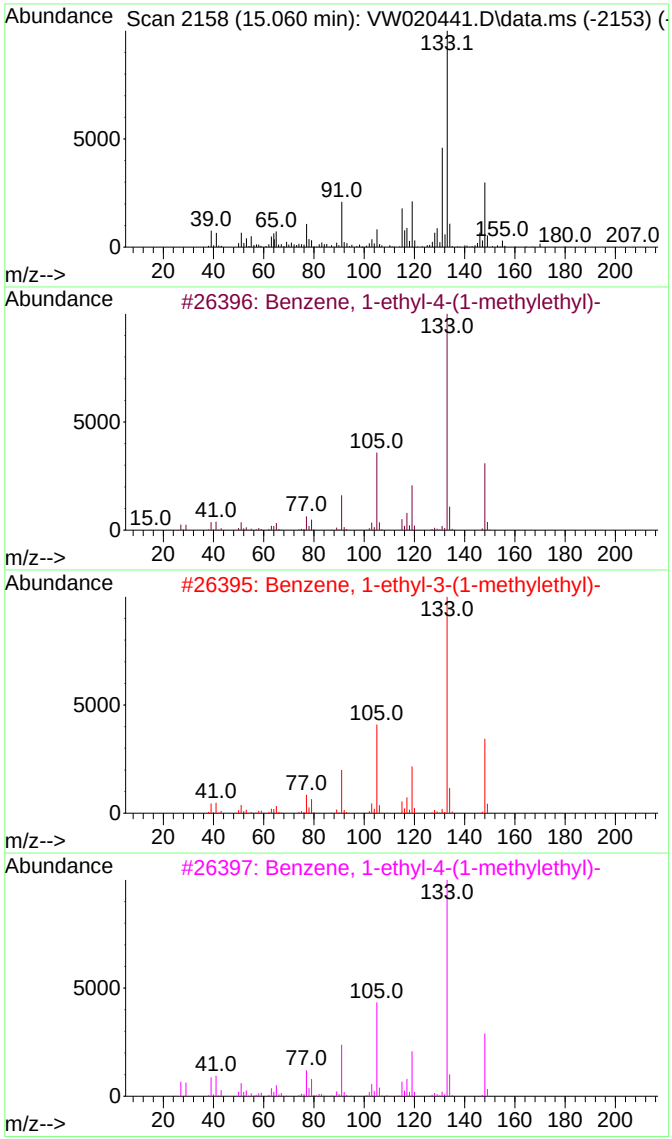
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

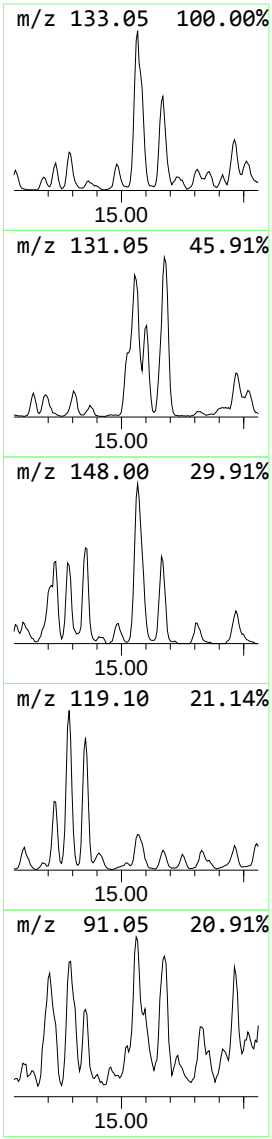
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.36 ug/L	262206	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	53
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

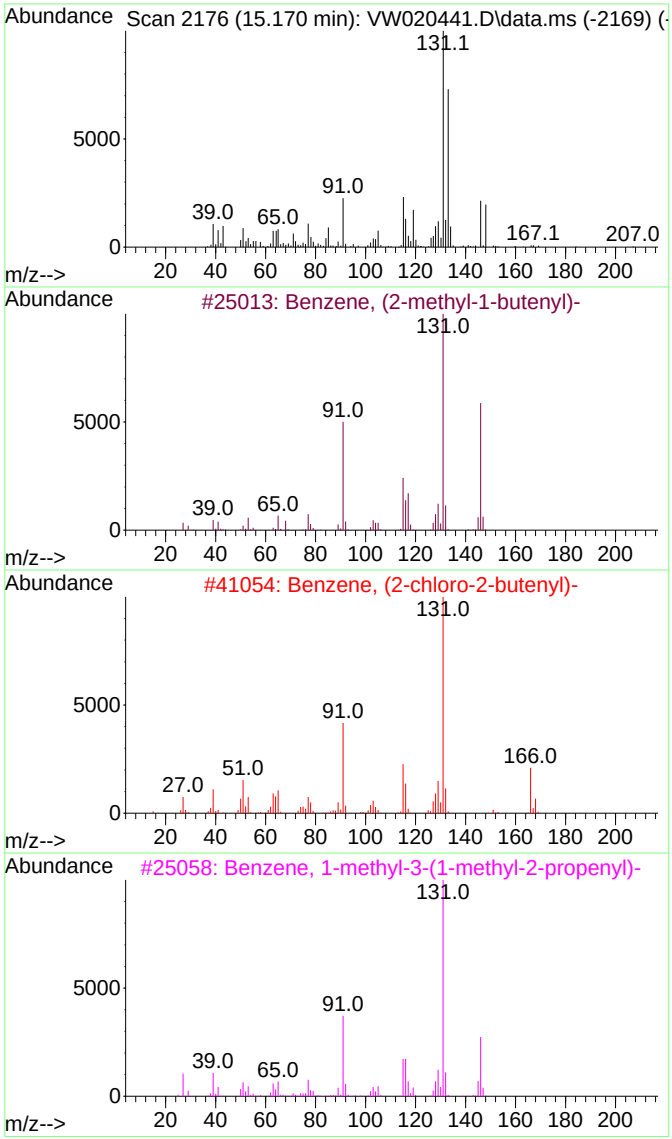
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

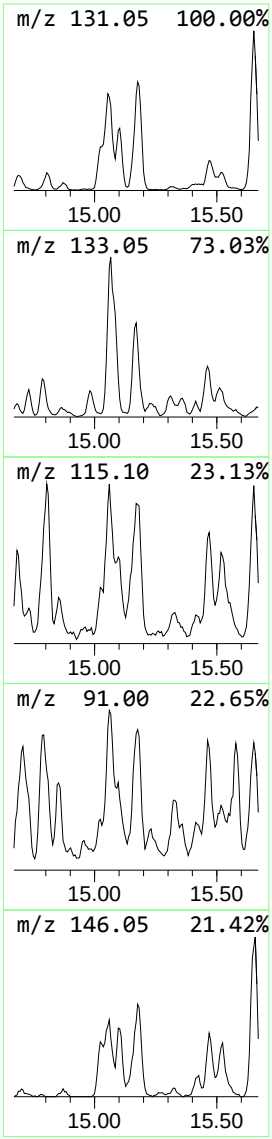
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	7.01 ug/L	249653	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
2	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	70
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

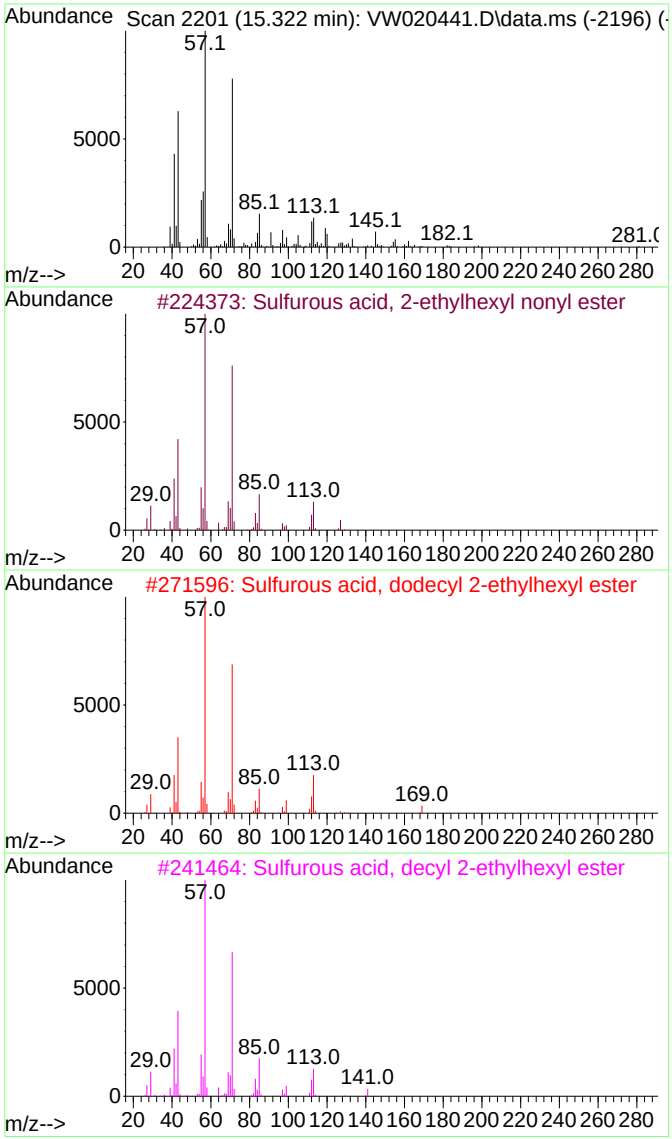
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

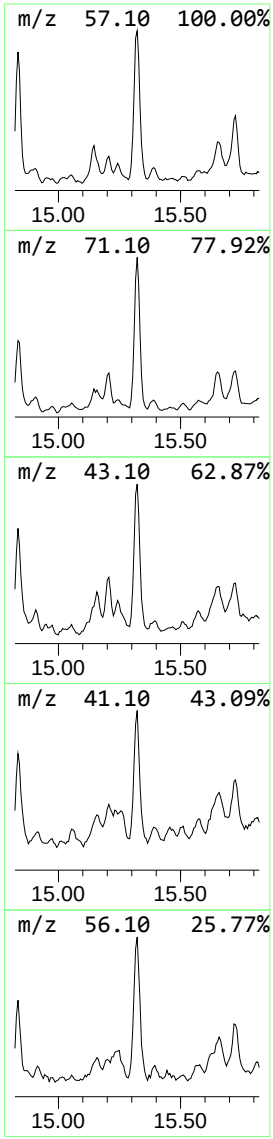
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Sulfurous acid, 2-ethylhexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	8.19 ug/L	291519	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Octane, 2-methyl-	128	C9H20	003221-61-2	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

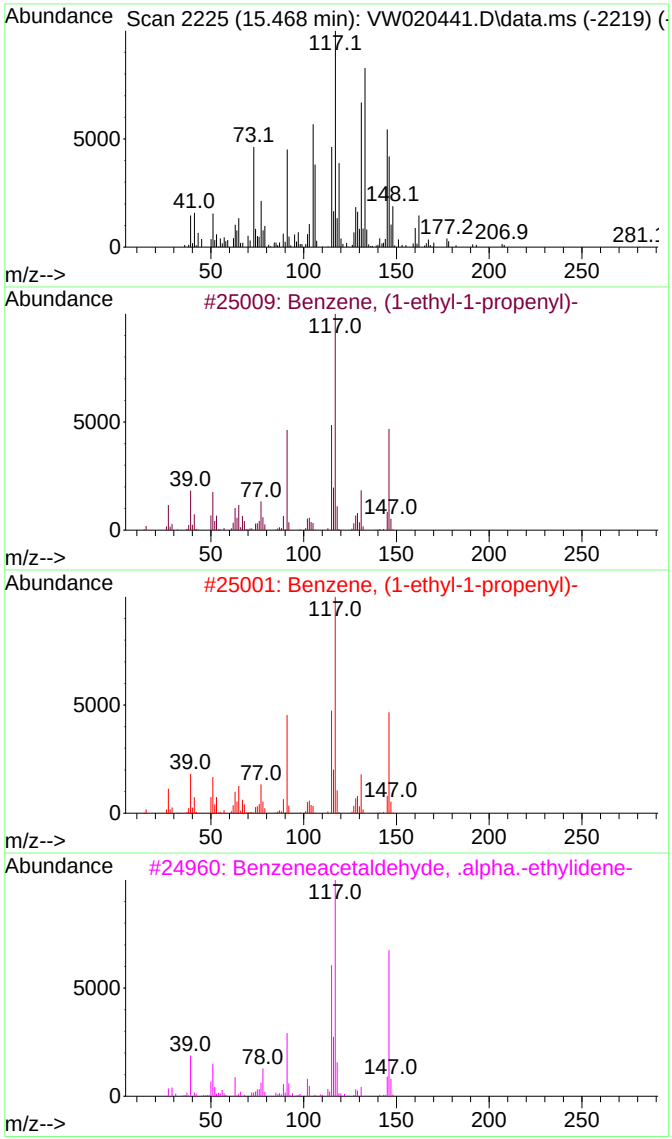
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

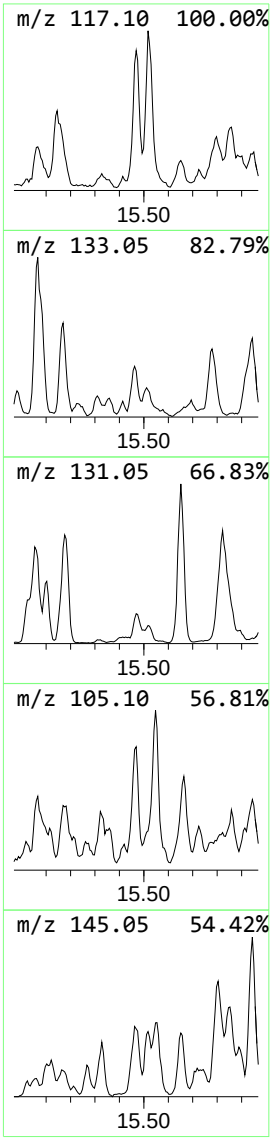
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	4.22 ug/L	150413	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
3	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	35
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	30
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

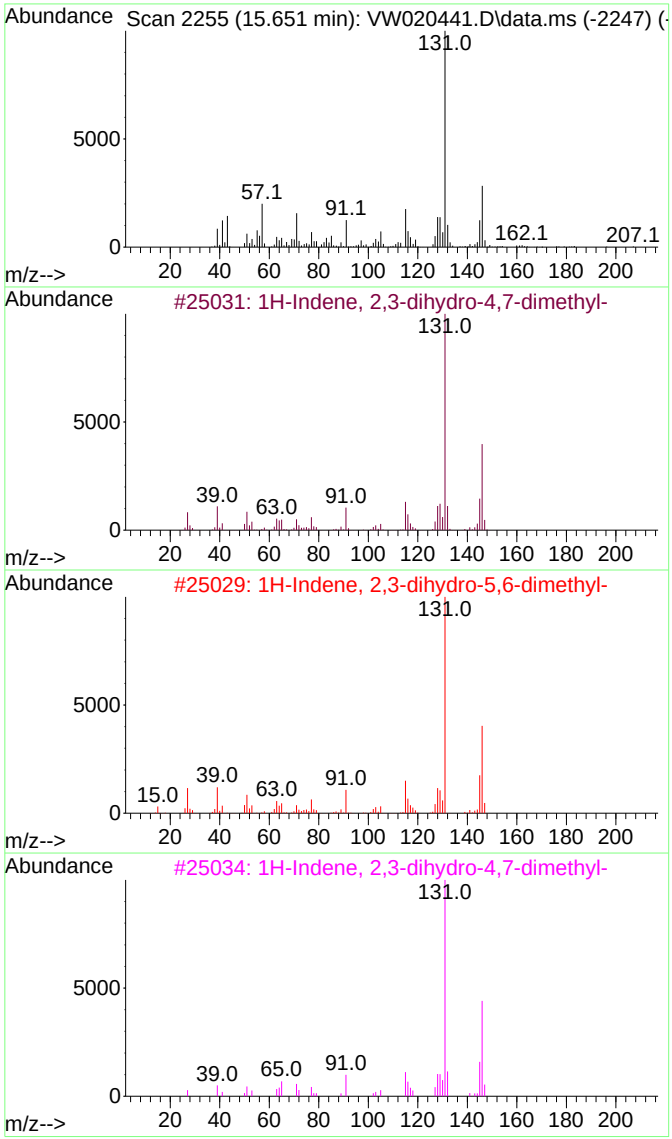
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

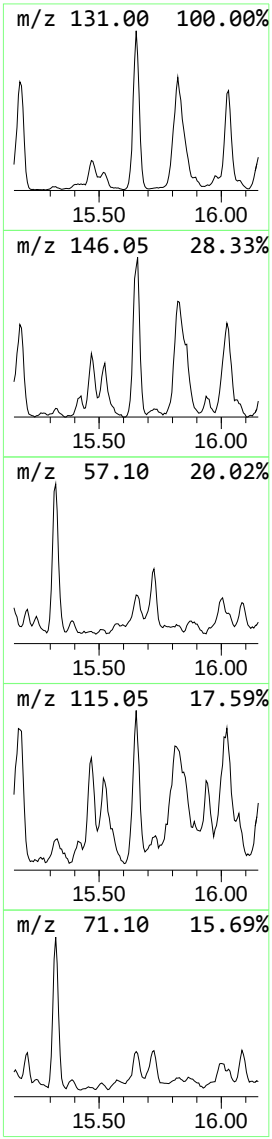
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	9.29 ug/L	330676	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

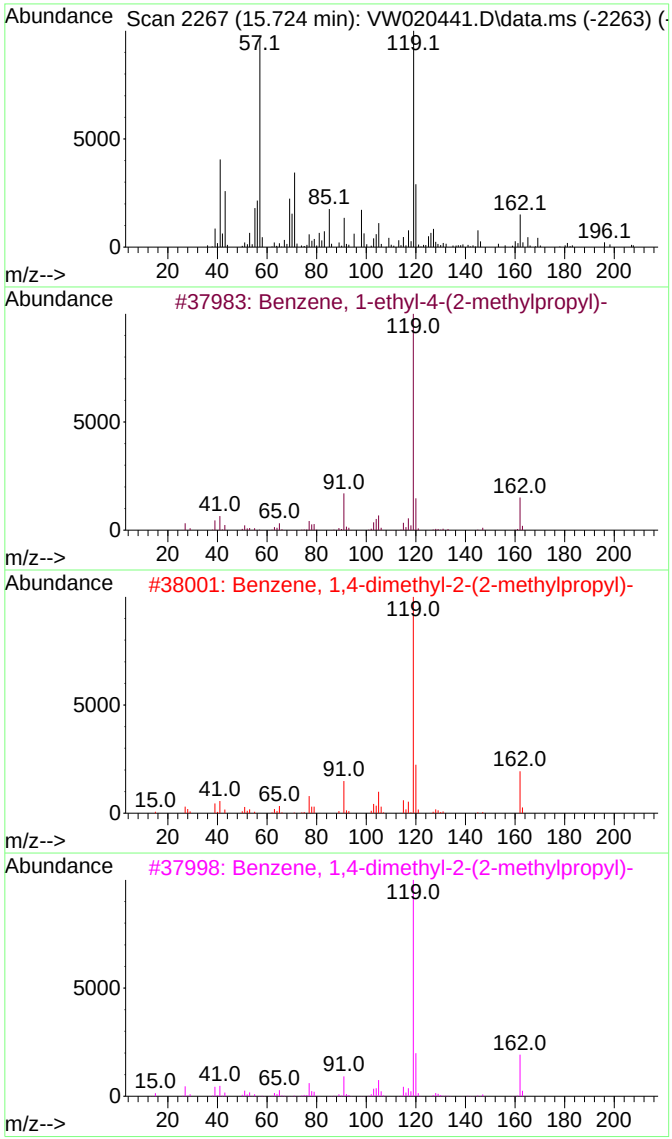
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

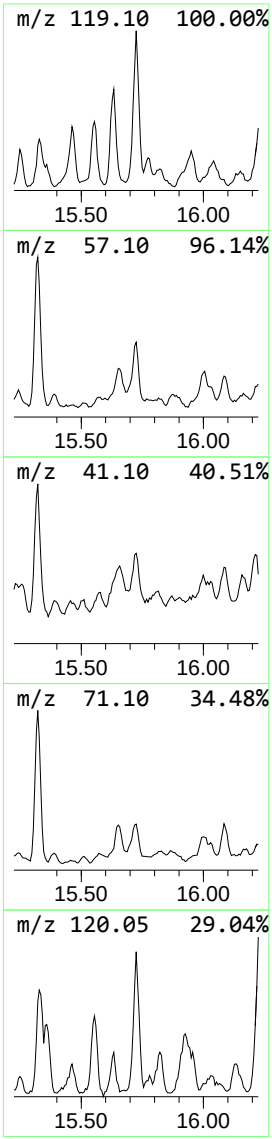
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-4-(2-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	2.72 ug/L	96908	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	50
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	46
5	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

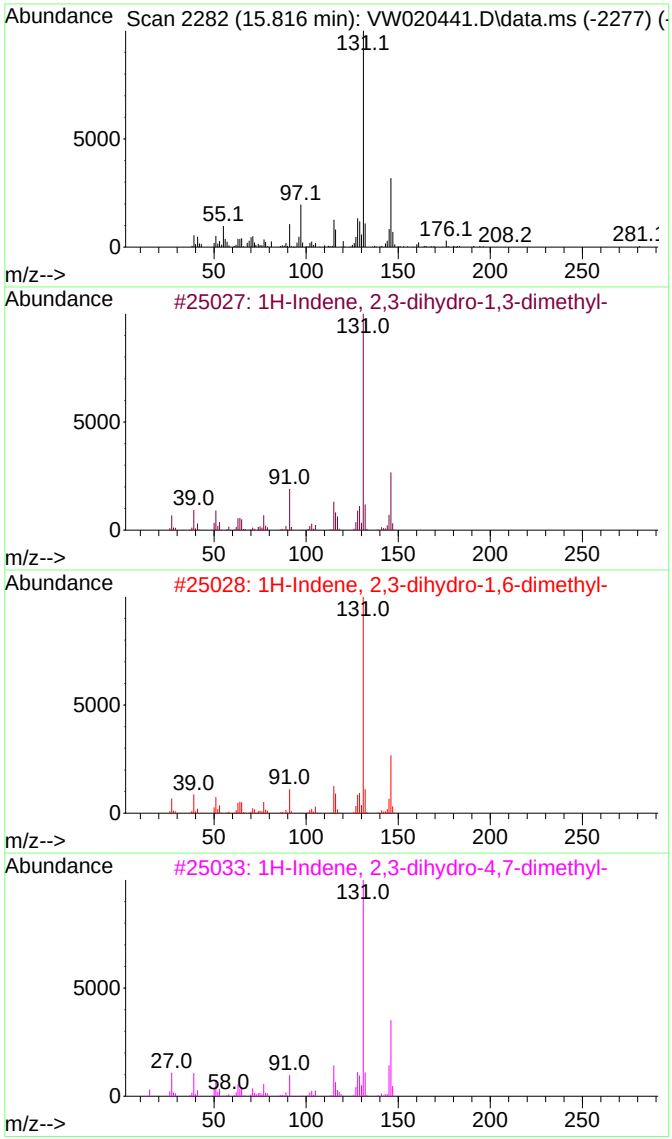
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

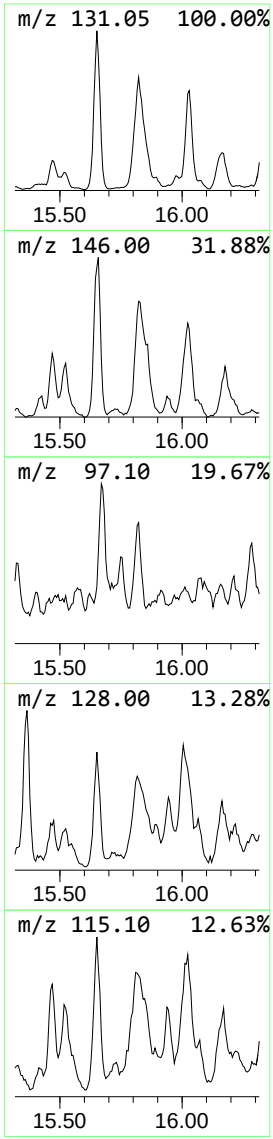
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	2.94 ug/L	104727	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

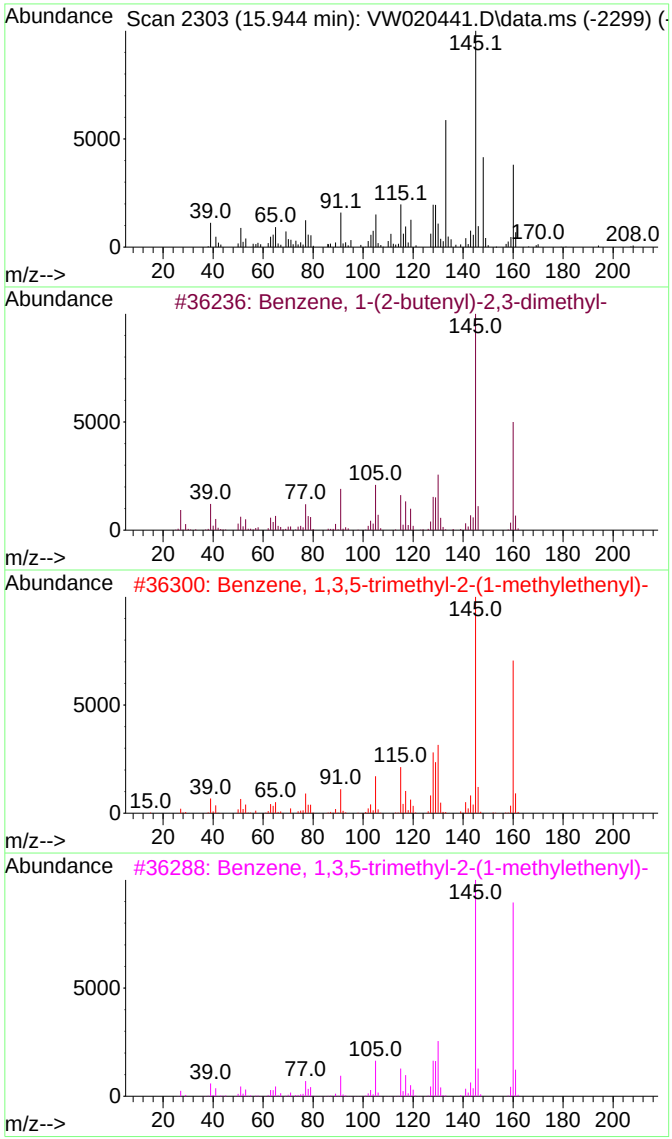
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

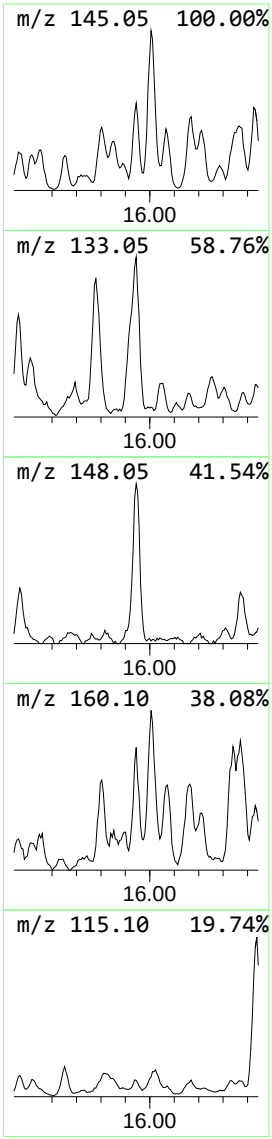
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	1.75 ug/L	62303	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

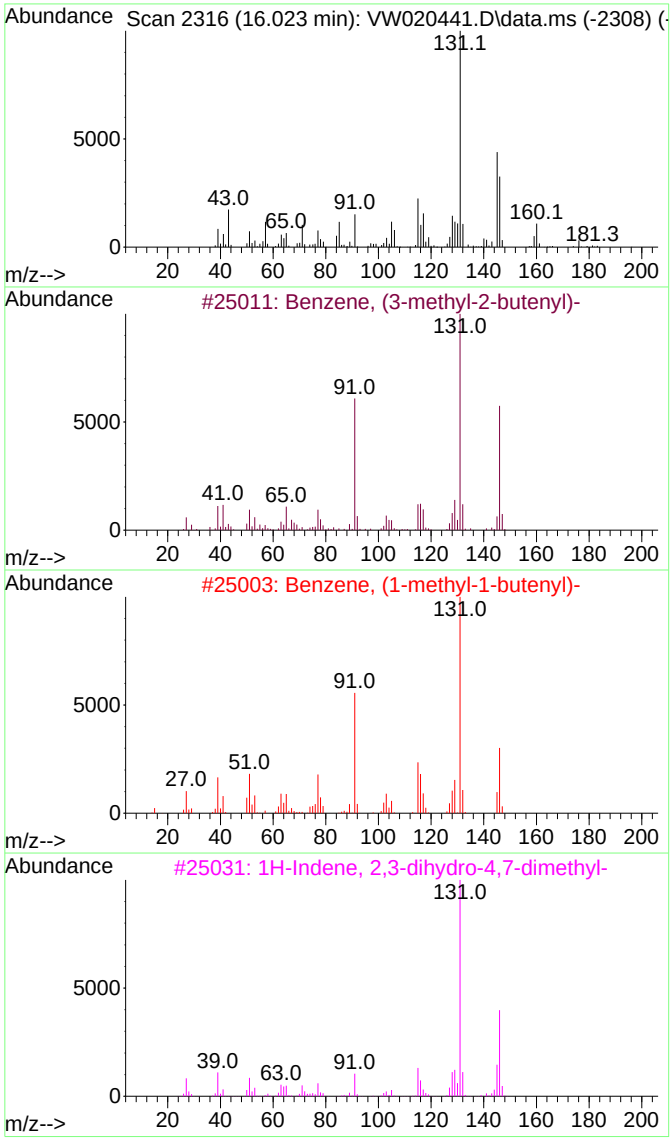
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

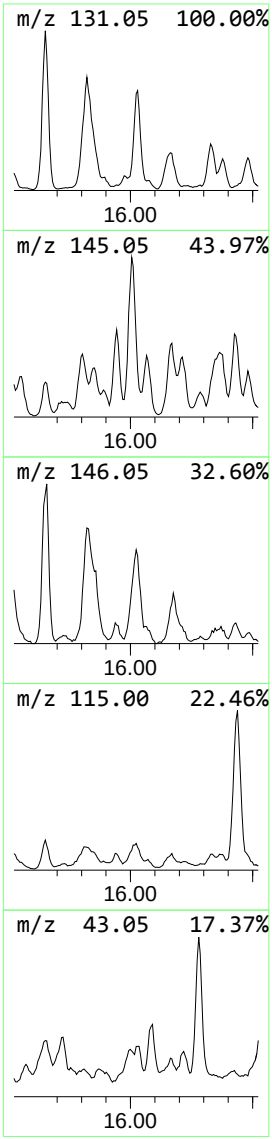
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	6.14 ug/L	218456	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

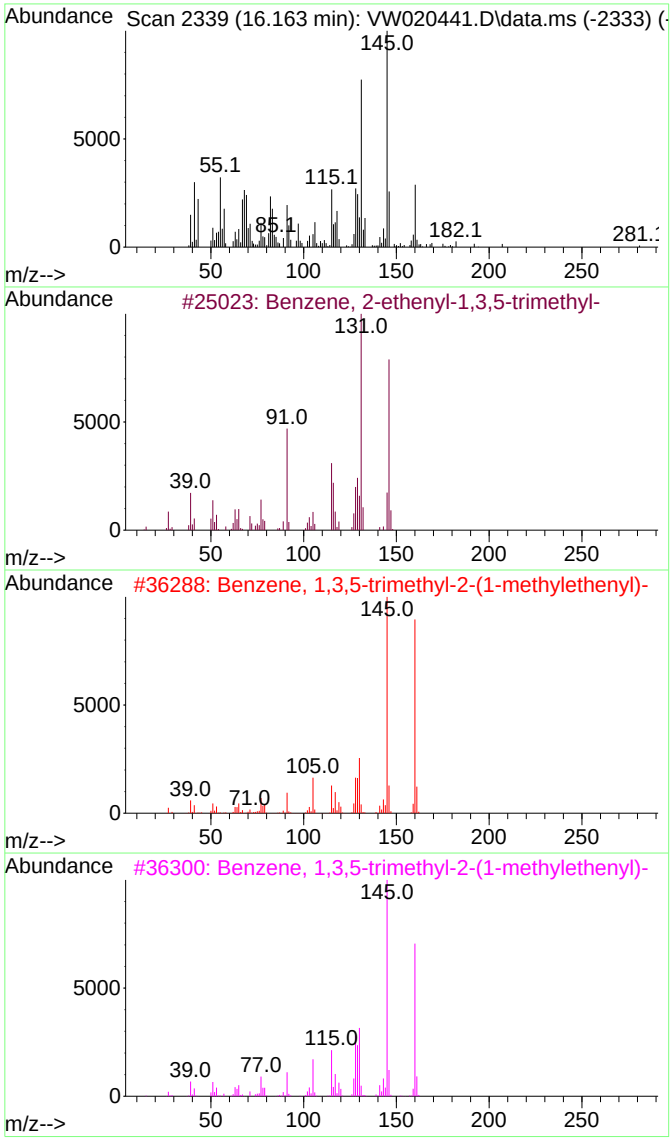
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

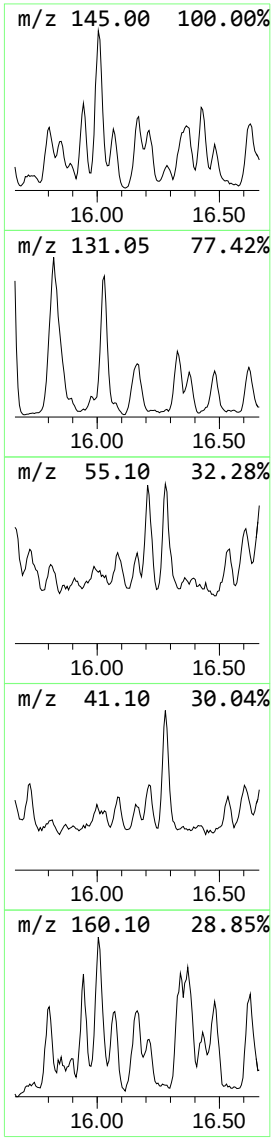
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	4.00 ug/L	142420	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

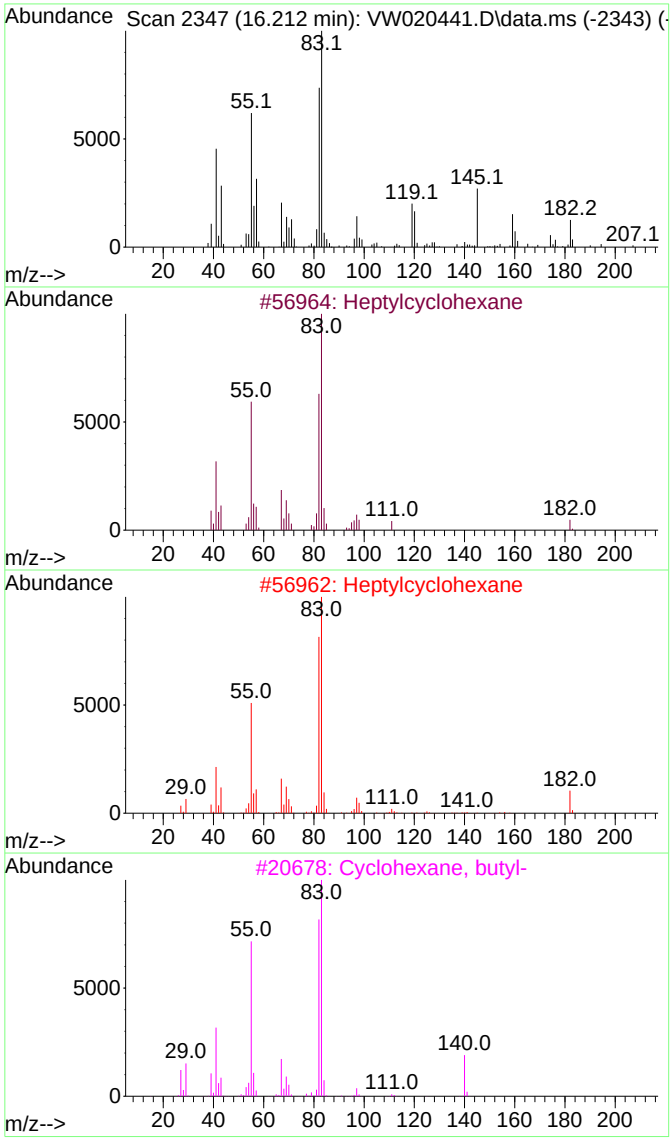
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

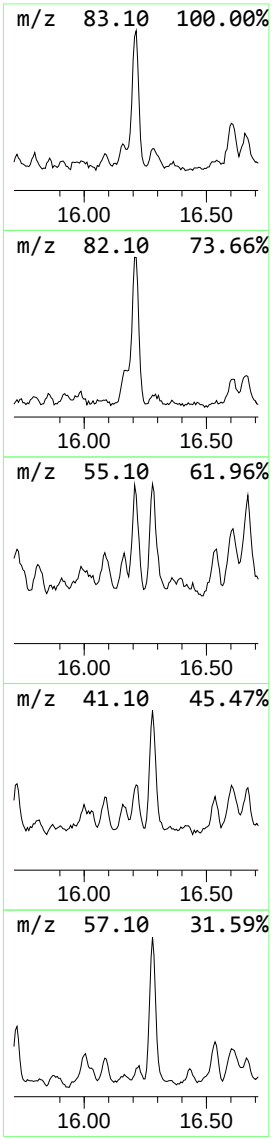
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic16.212 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	3.25 ug/L	115593	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	62
2	Heptylcyclohexane	182	C13H26	005617-41-4	58
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

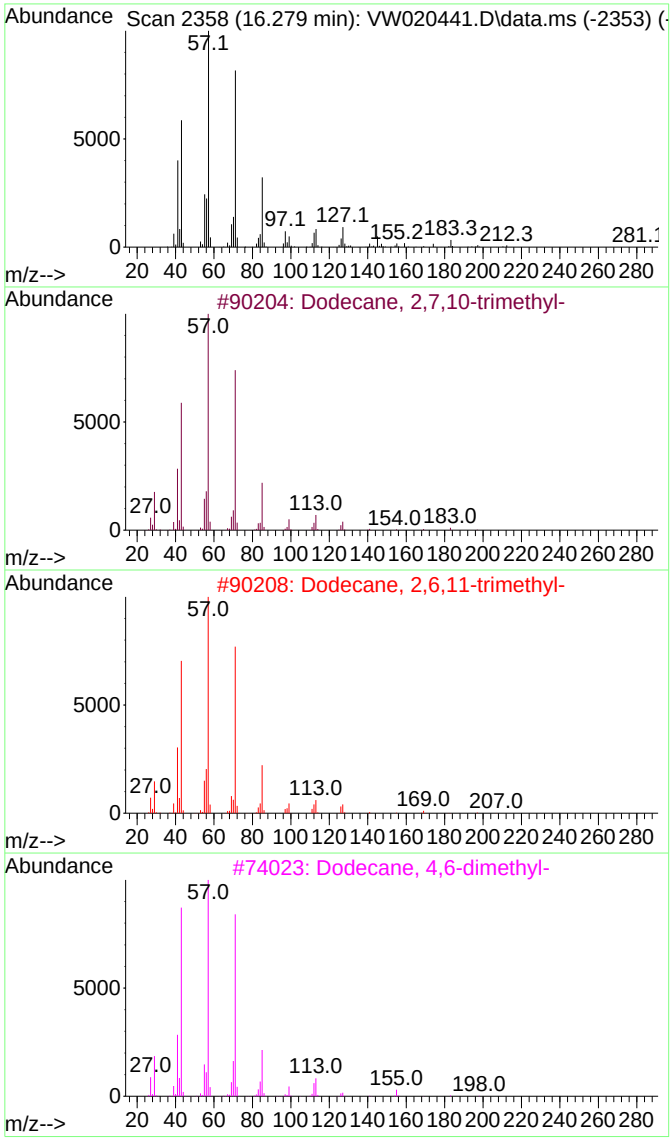
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

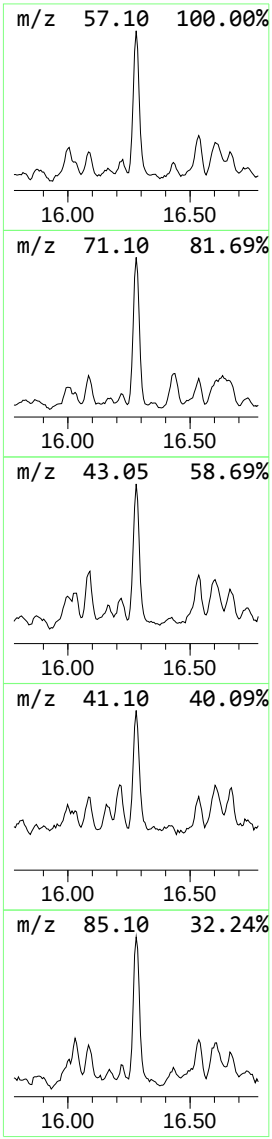
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	6.50 ug/L	231545	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

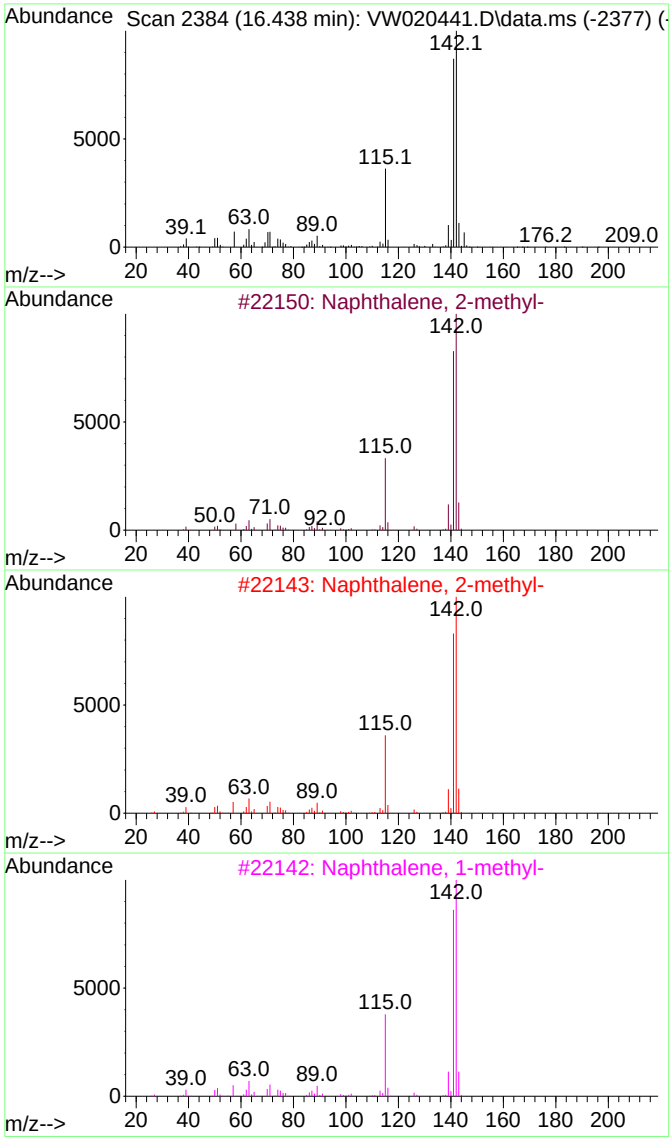
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

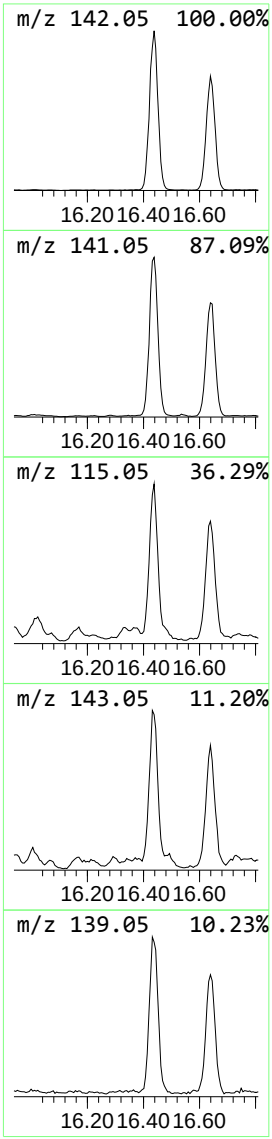
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	16.53 ug/L	588690	1,4-Dichlorobenzene-d4	13.554

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

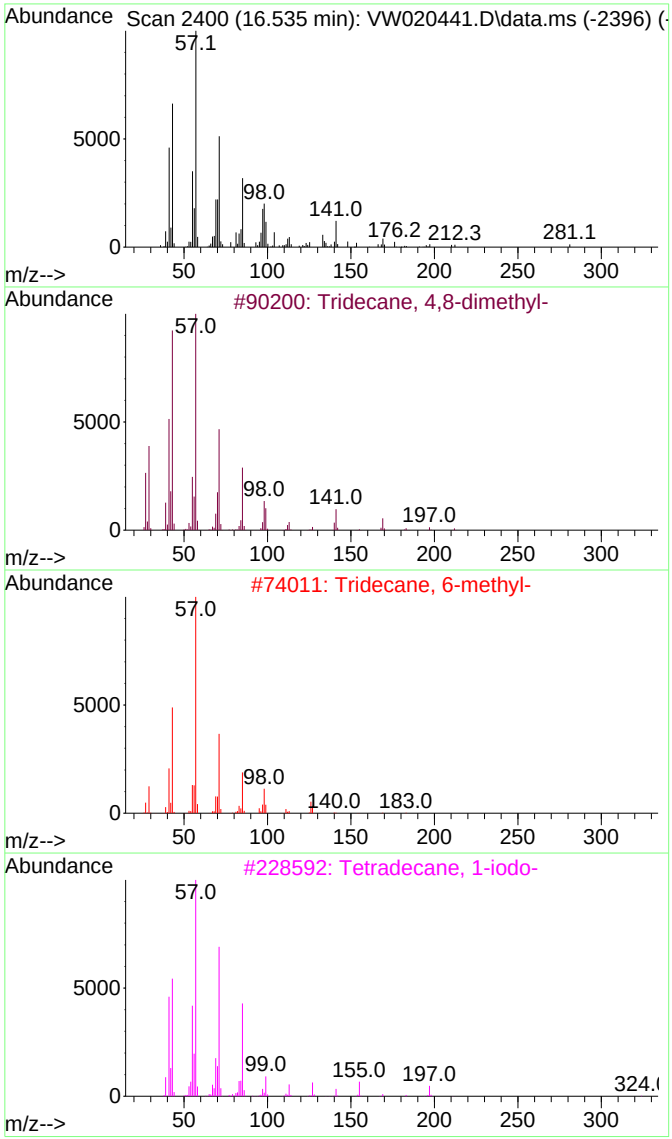
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

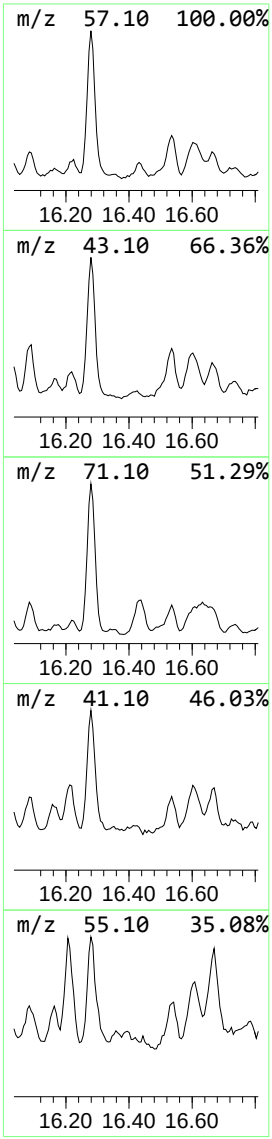
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.535	1.34 ug/L	47600	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	91
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4	Tetradecane	198	C14H30	000629-59-4	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK470

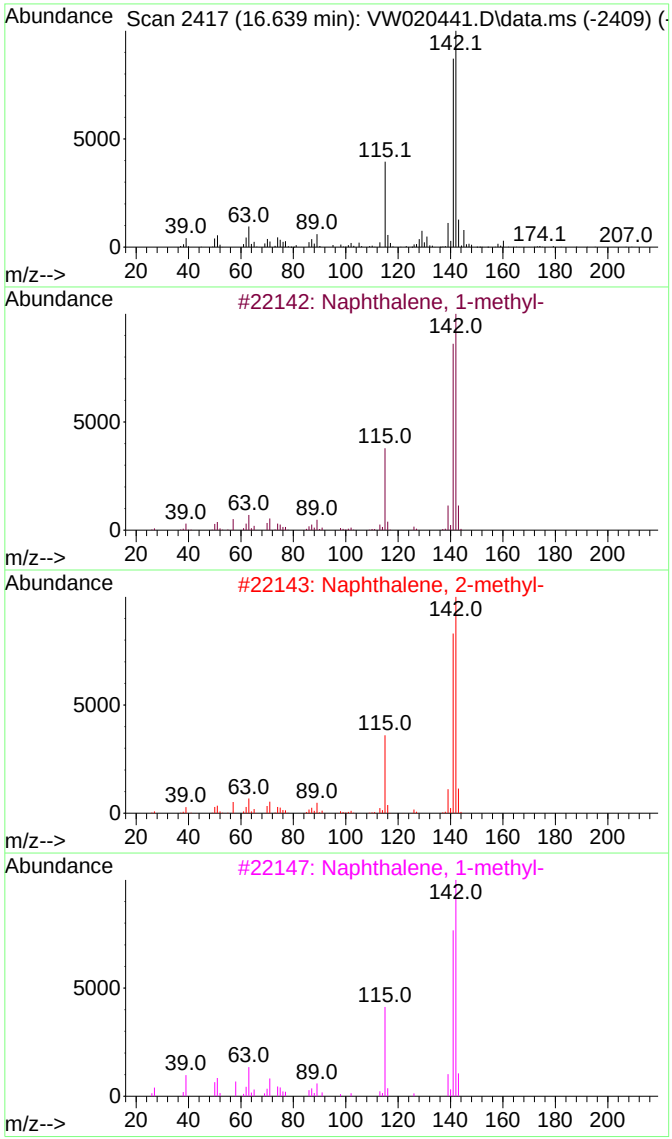
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

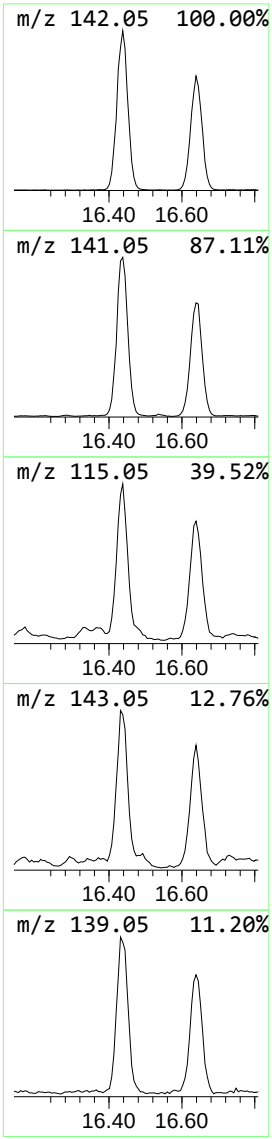
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	19.21 ug/L	684199	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020441.D
Acq On : 11 Oct 2021 13:47
Operator : SY/VA
Sample : VIBLK470
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK470

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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
Naphthalene, 1-...	12.432	16.0	ug/L	553588	2	11.634	867054	25.0
Naphthalene, 2,...	12.877	19.2	ug/L	683069	3	13.554	890203	25.0
Naphthalene, 2,...	13.322	24.5	ug/L	873962	3	13.554	890203	25.0
Naphthalene, 1,...	13.451	12.8	ug/L	454701	3	13.554	890203	25.0
o-Cymene	14.091	2.1	ug/L	75211	3	13.554	890203	25.0
(DEL) Alkane: C...	14.389	1.7	ug/L	60798	3	13.554	890203	25.0
Benzene, 1,2,3,...	14.420	2.4	ug/L	85690	3	13.554	890203	25.0
Benzene, 1-ethy...	14.456	2.1	ug/L	74906	3	13.554	890203	25.0
(DEL) Alkane: S...	14.493	1.3	ug/L	47801	3	13.554	890203	25.0
1H-Indene, 2,3-...	14.688	2.5	ug/L	87773	3	13.554	890203	25.0
Benzene, (1,1-d...	14.731	1.4	ug/L	49781	3	13.554	890203	25.0
Benzene, 1-meth...	14.792	6.6	ug/L	234410	3	13.554	890203	25.0
(DEL) Alkane: S...	14.841	6.3	ug/L	226201	3	13.554	890203	25.0
Benzene, 1-ethy...	15.060	7.4	ug/L	262206	3	13.554	890203	25.0
Benzene, (2-met...	15.170	7.0	ug/L	249653	3	13.554	890203	25.0
Sulfurous acid,...	15.322	8.2	ug/L	291519	3	13.554	890203	25.0
unknown-01	15.468	4.2	ug/L	150413	3	13.554	890203	25.0
1H-Indene, 2,3-...	15.651	9.3	ug/L	330676	3	13.554	890203	25.0
Benzene, 1-ethy...	15.725	2.7	ug/L	96908	3	13.554	890203	25.0
1H-Indene, 2,3-...	15.816	2.9	ug/L	104727	3	13.554	890203	25.0
Benzene, 1-(2-b...	15.944	1.8	ug/L	62303	3	13.554	890203	25.0
Benzene, (3-met...	16.023	6.1	ug/L	218456	3	13.554	890203	25.0
Benzene, 2-ethe...	16.163	4.0	ug/L	142420	3	13.554	890203	25.0
(DEL) Alkane: C...	16.212	3.3	ug/L	115593	3	13.554	890203	25.0
(DEL) Alkane: S...	16.279	6.5	ug/L	231545	3	13.554	890203	25.0
Naphthalene, 2-...	16.438	16.5	ug/L	588690	3	13.554	890203	25.0
(DEL) Alkane: S...	16.535	1.3	ug/L	47600	3	13.554	890203	25.0
Naphthalene, 1-...	16.639	19.2	ug/L	684199	3	13.554	890203	25.0