LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019720.D
Acq On : 12 Aug 2021 12:03
Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

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\SFAMWLM081121SMA.M
Title : SFAM01.0

Signal : TIC: VW019720.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	70	75	86	rVB	82851	167750	13.93%	1.582%
2	2.898	156	163	178	rVB	80626	195131	16.21%	1.841%
3	3.458	252	255	256	rBV2	396	397	0.03%	0.004%
4	3.550	268	270	273	rVB2	181	171	0.01%	0.002%
5	3.733	297	300	301	rVV	629	557	0.05%	0.005%
6	3.775	305	307	309	rVV2	291	323	0.03%	0.003%
7	3.836	316	317	319	rBV2	160	150	0.01%	0.001%
8	3.861	319	321	322	rVV	268	208	0.02%	0.002%
9	4.025	336	348	364	rBV	124134	379644	31.53%	3.581%
10	4.288	389	391	394	rBV2	363	263	0.02%	0.002%
11	4.373	404	405	409	rBV3	279	358	0.03%	0.003%
12	4.440	414	416	417	rBV2	230	212	0.02%	0.002%
13	4.665	451	453	455	rBV	206	195	0.02%	0.002%
14	4.690	455	457	462	rBV4	284	417	0.03%	0.004%
15	4.836	479	481	482	rBV	211	145	0.01%	0.001%
16	4.848	482	483	485	rBV	250	144	0.01%	0.001%
17	4.915	485	494	496	rBV2	5918	12115	1.01%	0.114%
18	5.220	543	544	546	rBV	159	131	0.01%	0.001%
19	5.385	569	571	575	rBV	165	266	0.02%	0.003%
20	5.415	575	576	577	rBV	269	156	0.01%	0.001%
21	5.501	585	590	591	rBV	226	282	0.02%	0.003%
22	5.610	606	608	611	rBV	97	138	0.01%	0.001%
23	5.702	621	623	625	rBV	129	143	0.01%	0.001%
24	5.866	646	650	653	rBV2	214	305	0.03%	0.003%
25	5.952	655	664	670	rBV3	2667	7885	0.65%	0.074%
26	6.068	680	683	686	rBV2	169	173	0.01%	0.002%
27	6.147	693	696	697	rVB2	174	138	0.01%	0.001%
28	6.220	704	708	709	rBV2	201	244	0.02%	0.002%
29	6.507	752	755	758	rVB2	249	320	0.03%	0.003%
30	6.629	773	775	778	rBV2	144	146	0.01%	0.001%
31	6.726	789	791	793	rVB2	167	137	0.01%	0.001%
32	6.750	793	795	799	rBV2	141	196	0.02%	0.002%
33	6.872	813	815	818	rBV2	146	183	0.02%	0.002%
34	7.031	839	841	842	rBV	258	165	0.01%	0.002%
35	7.086	842	850	869	rVV	35930	107283	8.91%	1.012%
36	7.336	889	891	894	rBV	244	187	0.02%	0.002%

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Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

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\SFAMWLM081121SMA.M
Title : SFAM01.0

37	7.458	910	911	914	rVB2	191	140	0.01%	0.001%
38	7.500	914	918	919	rBV2	154	158	0.01%	0.001%
39	7.653	932	943	956	rBV	208017	504933	41.94%	4.763%
40	7.769	960	962	963	rBV2	238	165	0.01%	0.002%
41	7.836	969	973	975	rBV2	227	196	0.02%	0.002%
42	7.878	976	980	985	rVV2	454	661	0.05%	0.006%
43	7.945	985	991	1000	rVV5	972	2016	0.17%	0.019%
44	8.073	1007	1012	1015	rBV2	492	702	0.06%	0.007%
45	8.165	1023	1027	1028	rBV2	120	128	0.01%	0.001%
46	8.281	1033	1046	1063	rBV2	405161	1204056	100.00%	11.357%
47	8.403	1064	1066	1069	rVB4	803	750	0.06%	0.007%
48	8.512	1082	1084	1087	rBV2	354	454	0.04%	0.004%
49	8.628	1101	1103	1106	rVB2	272	323	0.03%	0.003%
50	8.653	1106	1107	1109	rBV2	209	148	0.01%	0.001%
51	8.695	1112	1114	1115	rBV	223	189	0.02%	0.002%
52	8.781	1127	1128	1130	rBV	194	164	0.01%	0.002%
53	8.848	1130	1139	1149	rBV	374425	732036	60.80%	6.905%
54	9.085	1173	1178	1184	rVB6	2058	4226	0.35%	0.040%
55	9.274	1200	1209	1218	rBV	278692	564158	46.85%	5.321%
56	9.658	1264	1272	1280	rBV5	2499	4554	0.38%	0.043%
57	9.774	1288	1291	1292	rBV2	138	142	0.01%	0.001%
58	10.036	1326	1334	1344	rBV	145998	264502	21.97%	2.495%
59	10.213	1360	1363	1368	rBV4	539	838	0.07%	0.008%
60	10.323	1373	1381	1388	rBV	555009	990447	82.26%	9.342%
61	10.390	1389	1392	1401	rVB	12869	22134	1.84%	0.209%
62	10.494	1408	1409	1411	rBV2	278	228	0.02%	0.002%
63	10.512	1411	1412	1415	rVB3	428	211	0.02%	0.002%
64	10.579	1416	1423	1434	rVB	96907	170705	14.18%	1.610%
65	10.707	1434	1444	1452	rBV2	9986	17970	1.49%	0.169%
66	10.792	1454	1458	1463	rVB2	760	1187	0.10%	0.011%
67	10.829	1463	1464	1465	rBV	228	157	0.01%	0.001%
68	10.866	1466	1470	1473	rBV3	660	731	0.06%	0.007%
69	10.927	1473	1480	1493	rBV	154353	256408	21.30%	2.419%
70	11.183	1520	1522	1525	rBV3	533	377	0.03%	0.004%
71	11.335	1544	1547	1549	rVB2	211	180	0.01%	0.002%
72	11.390	1549	1556	1560	rBV2	305	658	0.05%	0.006%
73	11.469	1567	1569	1570	rBV2	234	140	0.01%	0.001%
74	11.634	1588	1596	1606	rBV	539810	908272	75.43%	8.567%
75	11.737	1609	1613	1618	rVB3	2350	3825	0.32%	0.036%
76	11.847	1627	1631	1636	rVB4	3814	6512	0.54%	0.061%

LSC Area Percent Report

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Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

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\SFAMWLM081121SMA.M
Title : SFAM01.0

77	12.024	1658	1660	1662	rVB	429	245	0.02%	0.002%
78	12.170	1678	1684	1691	rVB4	3101	5940	0.49%	0.056%
79	12.231	1691	1694	1695	rBV	634	554	0.05%	0.005%
80	12.280	1700	1702	1703	rBV	344	322	0.03%	0.003%
81	12.603	1750	1755	1762	rVB3	18719	36335	3.02%	0.343%
82	12.695	1762	1770	1777	rBV	239668	393742	32.70%	3.714%
83	13.103	1832	1837	1844	rVB2	5711	8680	0.72%	0.082%
84	13.152	1844	1845	1847	rBV2	517	513	0.04%	0.005%
85	13.188	1848	1851	1855	rBV2	1865	2991	0.25%	0.028%
86	13.560	1905	1912	1925	rVB	566832	933457	77.53%	8.805%
87	13.719	1933	1938	1942	rBV2	7722	11551	0.96%	0.109%
88	13.853	1953	1960	1968	rBV	554141	897113	74.51%	8.462%
89	14.066	1990	1995	2005	rVB3	9943	22130	1.84%	0.209%
90	14.158	2005	2010	2014	rBV	20161	33303	2.77%	0.314%
91	14.206	2014	2018	2024	rVB	49578	77287	6.42%	0.729%
92	14.633	2083	2088	2091	rBV6	2154	4269	0.35%	0.040%
93	14.688	2091	2097	2108	rVV	69783	118258	9.82%	1.115%
94	14.810	2110	2117	2123	rVV	170932	274095	22.76%	2.585%
95	14.950	2130	2140	2153	rBV2	274012	883426	73.37%	8.333%
96	15.651	2244	2255	2263	rBV4	24699	68944	5.73%	0.650%
97	15.950	2299	2304	2309	rBV4	4947	12196	1.01%	0.115%
98	16.176	2335	2341	2346	rBV7	5390	12662	1.05%	0.119%
99	16.438	2380	2384	2390	rVB	14229	26724	2.22%	0.252%
100	16.645	2409	2418	2426	rVB	104912	234761	19.50%	2.214%

Sum of corrected areas: 10601937

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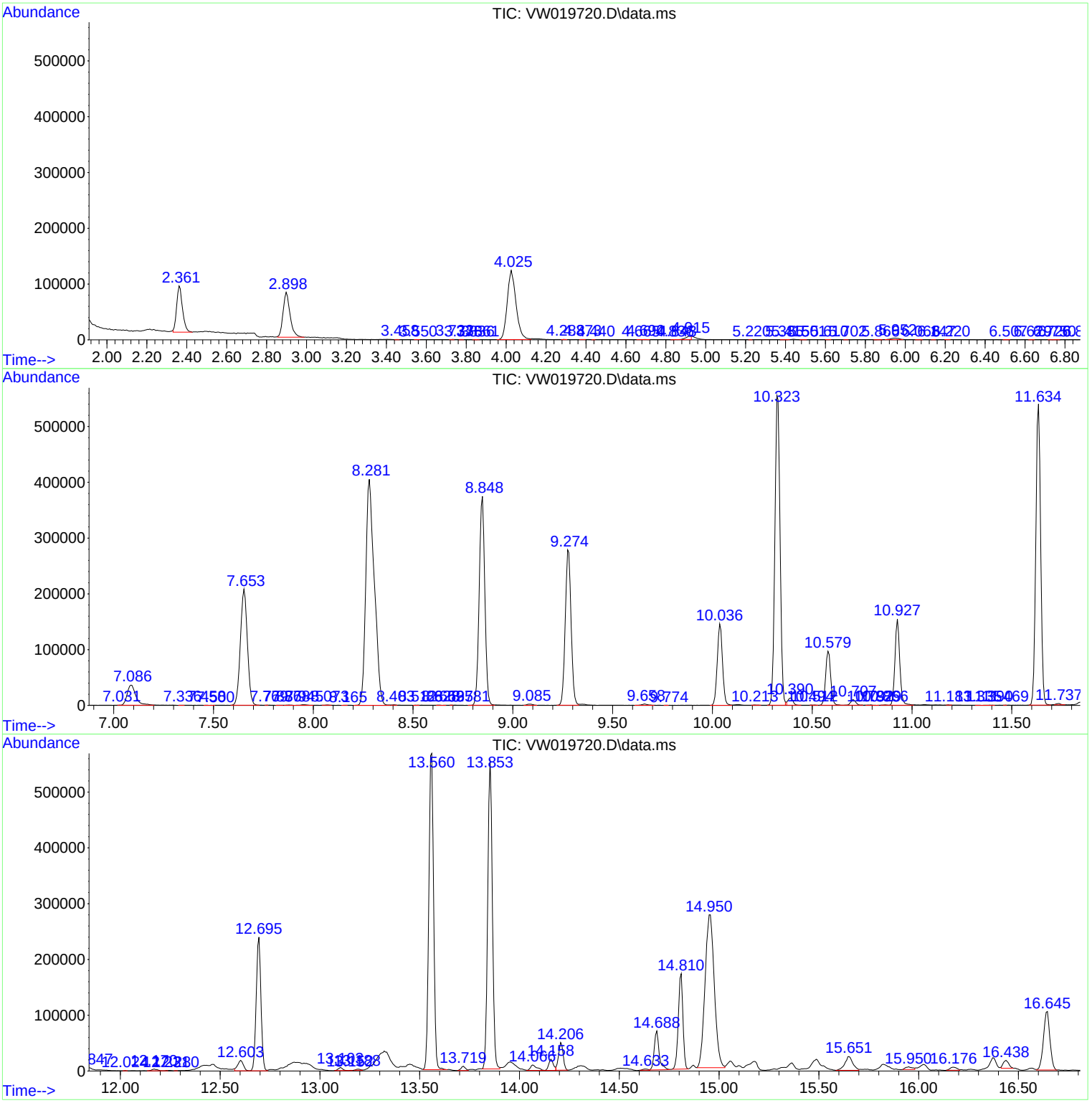
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBK85

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
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Acq On : 12 Aug 2021 12:03
Operator : SY/VA
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

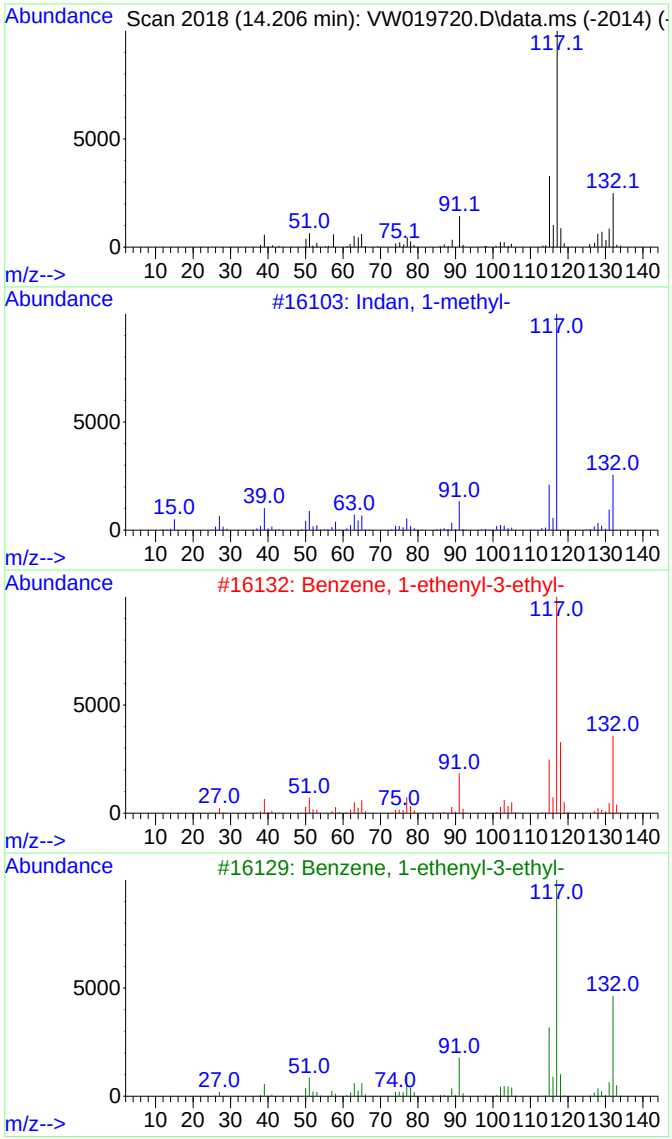
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

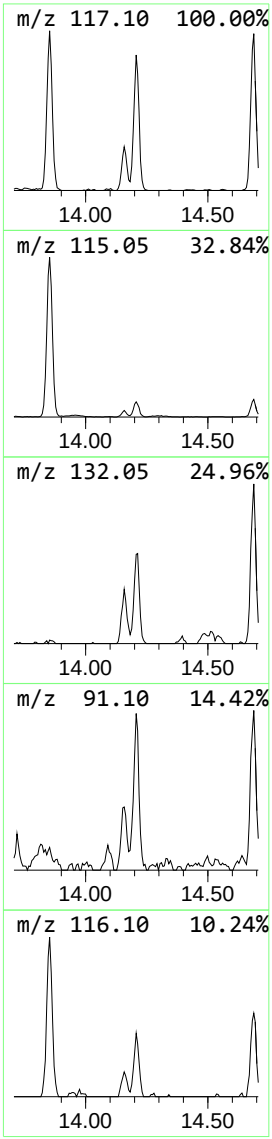
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	2.07 ug/L	77287	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019720.D
Acq On : 12 Aug 2021 12:03
Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

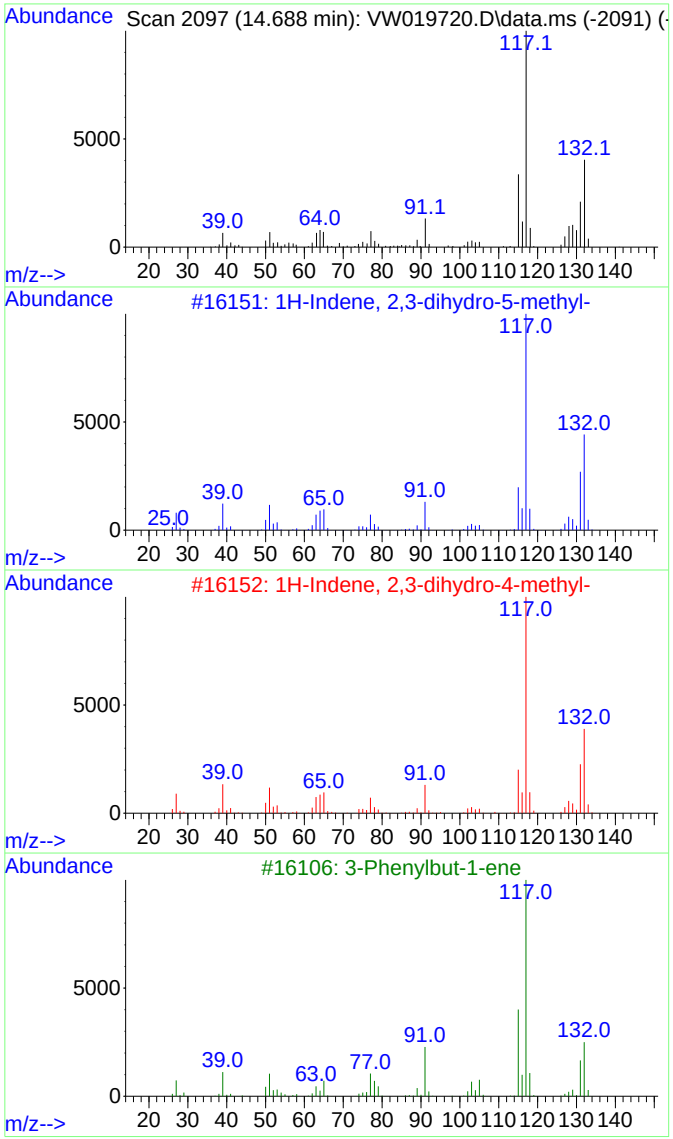
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

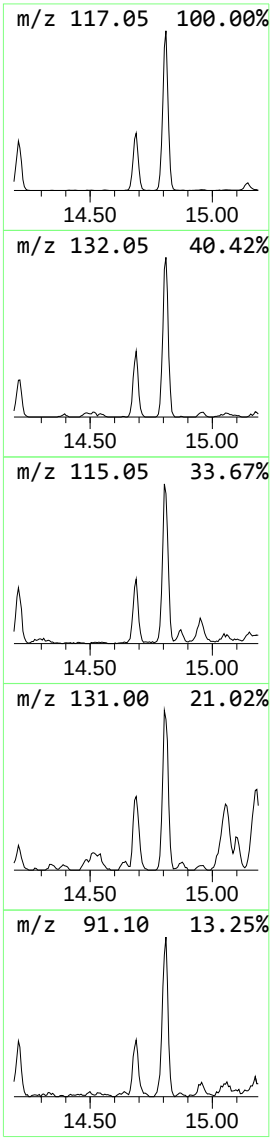
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	3.17 ug/L	118258	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

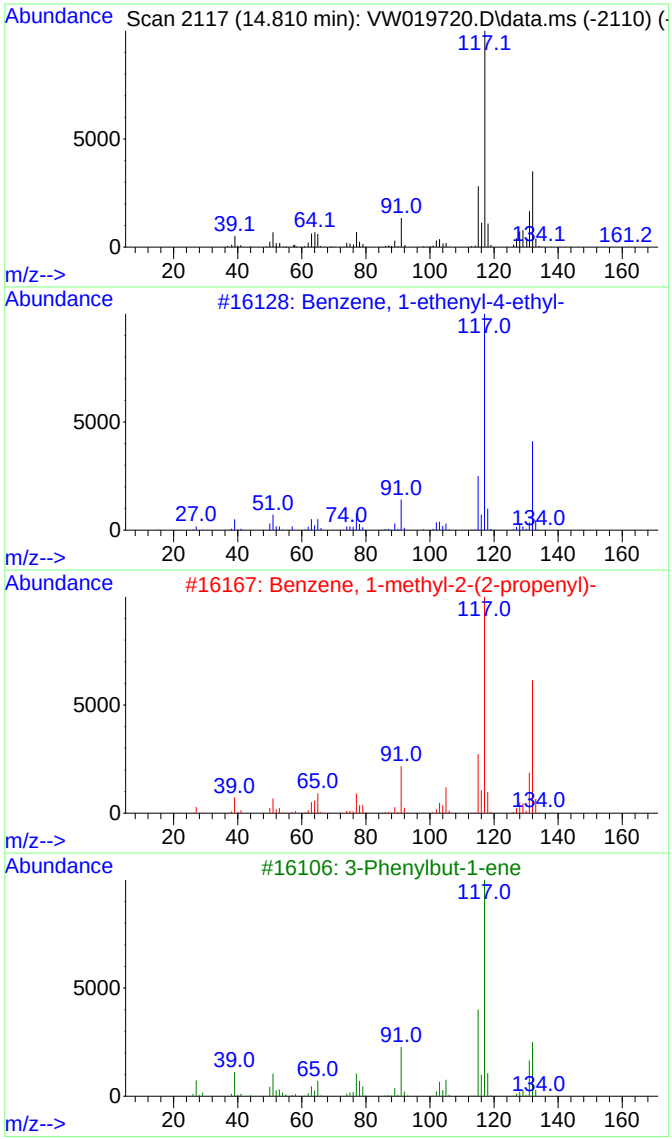
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

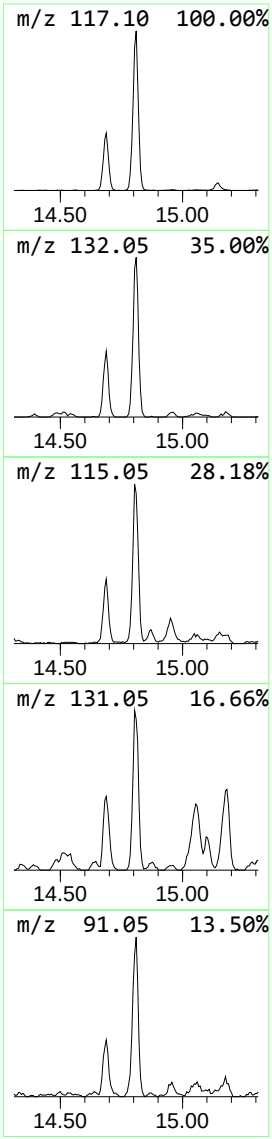
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	7.34 ug/L	274095	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019720.D
Acq On : 12 Aug 2021 12:03
Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

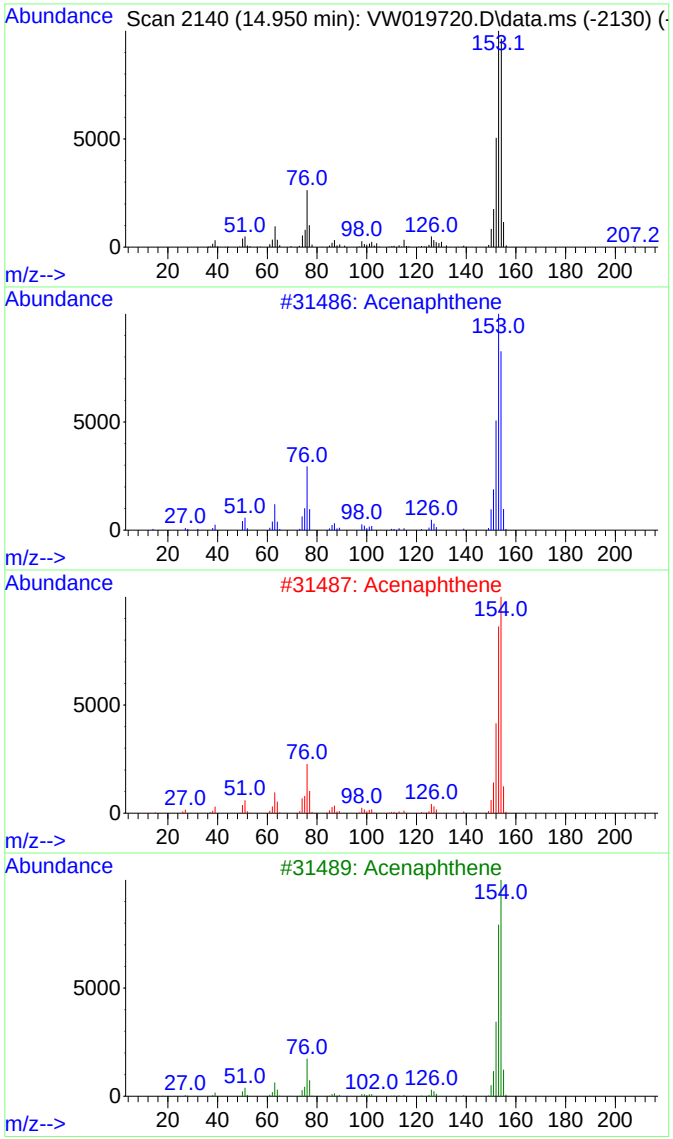
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

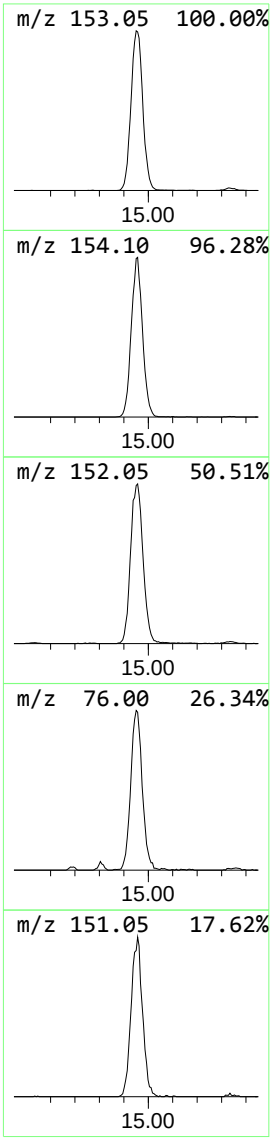
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	23.66 ug/L	883426	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019720.D
Acq On : 12 Aug 2021 12:03
Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

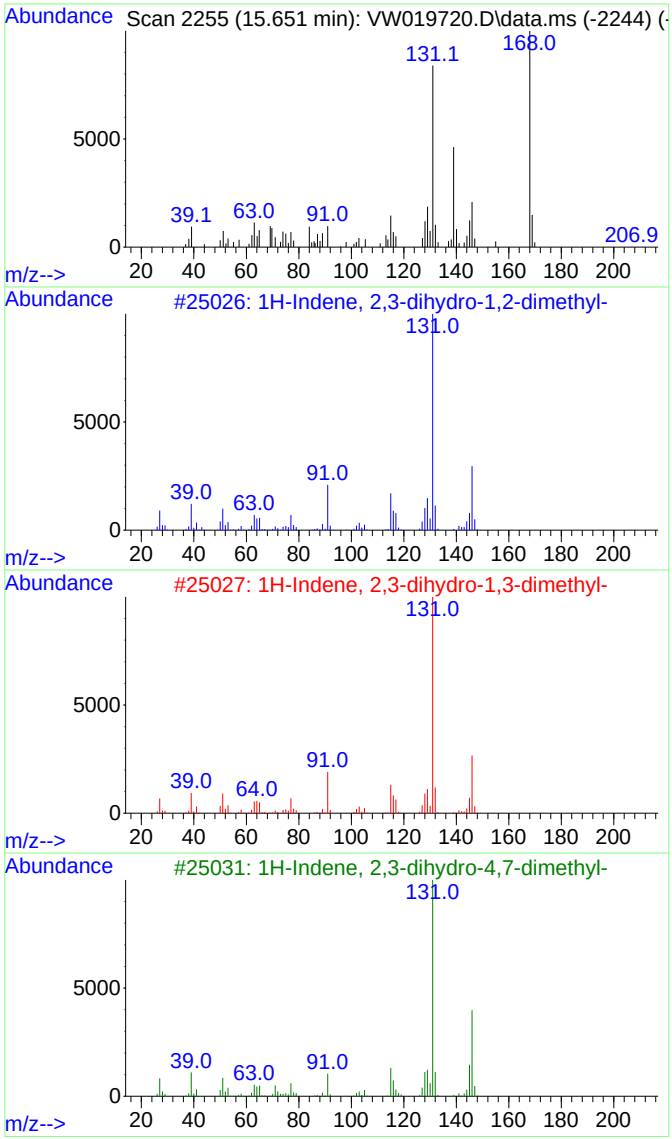
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0

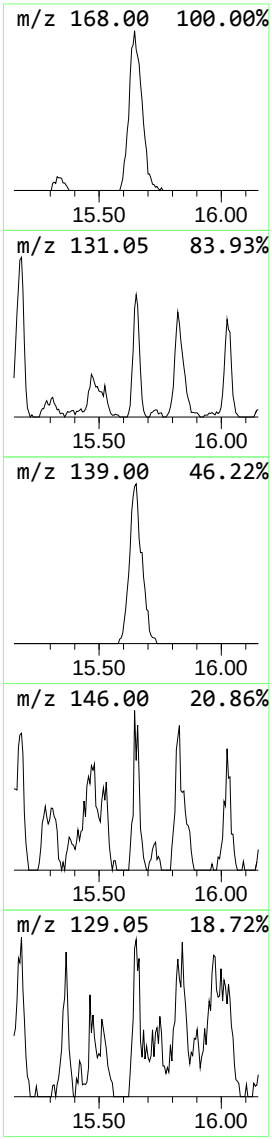
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	1.85 ug/L	68944	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019720.D
Acq On : 12 Aug 2021 12:03
Operator : SY/VA
Sample : M3365-04
Misc : 5.66g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBK85

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.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
Indan, 1-methyl-	14.207	2.1	ug/L	77287	3	13.560	933457	25.0
1H-Indene, 2,3-...	14.688	3.2	ug/L	118258	3	13.560	933457	25.0
Benzene, 1-ethe...	14.810	7.3	ug/L	274095	3	13.560	933457	25.0
Naphthalene, 2-...	14.950	23.7	ug/L	883426	3	13.560	933457	25.0
1H-Indene, 2,3-...	15.651	1.9	ug/L	68944	3	13.560	933457	25.0