

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021518.D
 Acq On : 21 Dec 2021 11:52
 Operator : SY/VA
 Sample : M5125-03
 Misc : 8.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AP1

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	83	rVB	47639	76660	13.62%	1.295%
2	2.885	154	161	174	rVB	27612	58538	10.40%	0.989%
3	3.824	313	315	319	rBV	108	185	0.03%	0.003%
4	4.019	336	347	359	rBV2	63928	176495	31.36%	2.981%
5	4.184	373	374	378	rVB2	165	140	0.02%	0.002%
6	4.251	381	385	389	rBV3	299	592	0.11%	0.010%
7	4.836	479	481	484	rBV	202	200	0.04%	0.003%
8	4.915	484	494	505	rVV2	9402	28976	5.15%	0.489%
9	5.184	536	538	543	rVB2	145	207	0.04%	0.003%
10	5.239	544	547	550	rBB	129	184	0.03%	0.003%
11	5.312	555	559	561	rBV	149	145	0.03%	0.002%
12	5.440	576	580	581	rBV	131	169	0.03%	0.003%
13	5.488	586	588	592	rBB	146	182	0.03%	0.003%
14	5.556	598	599	602	rVV2	140	139	0.02%	0.002%
15	5.738	624	629	630	rBB2	142	192	0.03%	0.003%
16	5.799	636	639	641	rBV	131	152	0.03%	0.003%
17	5.854	646	648	652	rVB	161	158	0.03%	0.003%
18	5.940	655	662	672	rBV4	2306	6347	1.13%	0.107%
19	6.098	685	688	689	rBV	127	128	0.02%	0.002%
20	6.269	714	716	719	rBB	129	157	0.03%	0.003%
21	6.525	756	758	762	rBB	146	168	0.03%	0.003%
22	6.836	807	809	813	rBB2	154	184	0.03%	0.003%
23	7.006	834	837	838	rBV	126	142	0.03%	0.002%
24	7.080	840	849	865	rBV2	11259	34912	6.20%	0.590%
25	7.317	886	888	892	rBB2	130	185	0.03%	0.003%
26	7.647	932	942	955	rVV	89231	219050	38.93%	3.700%
27	7.964	991	994	997	rBB	123	169	0.03%	0.003%
28	8.110	1015	1018	1021	rBB	117	144	0.03%	0.002%
29	8.275	1034	1045	1062	rBV2	178965	514240	91.38%	8.686%
30	8.701	1112	1115	1118	rVV2	254	403	0.07%	0.007%
31	8.841	1129	1138	1148	rBV	190537	373383	66.35%	6.307%
32	9.031	1166	1169	1171	rBV	125	168	0.03%	0.003%
33	9.079	1173	1177	1180	rBB	258	388	0.07%	0.007%
34	9.219	1198	1200	1201	rVV	200	146	0.03%	0.002%
35	9.274	1201	1209	1218	rVV	115657	232537	41.32%	3.928%
36	9.348	1218	1221	1227	rVV3	299	598	0.11%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	9.402	1227	1230	1239	rVB4	776	1742	0.31%	0.029%
38	9.512	1242	1248	1250	rBB2	187	336	0.06%	0.006%
39	9.597	1260	1262	1266	rBB2	165	148	0.03%	0.002%
40	10.036	1325	1334	1343	rVV	67919	119823	21.29%	2.024%
41	10.122	1347	1348	1353	rVV	127	203	0.04%	0.003%
42	10.207	1356	1362	1369	rVV	6800	12119	2.15%	0.205%
43	10.323	1373	1381	1388	rBV	278119	480352	85.36%	8.114%
44	10.390	1388	1392	1399	rVB2	4913	8466	1.50%	0.143%
45	10.457	1399	1403	1404	rBV2	240	336	0.06%	0.006%
46	10.500	1408	1410	1415	rVB3	231	234	0.04%	0.004%
47	10.579	1416	1423	1436	rBB	41649	71659	12.73%	1.210%
48	10.707	1440	1444	1447	rBB	502	759	0.13%	0.013%
49	10.835	1460	1465	1468	rBV2	331	578	0.10%	0.010%
50	10.859	1468	1469	1472	rVB2	349	274	0.05%	0.005%
51	10.920	1473	1479	1493	rBV	48244	81760	14.53%	1.381%
52	11.073	1498	1504	1511	rBV2	9445	16760	2.98%	0.283%
53	11.634	1588	1596	1605	rBV	278149	481181	85.51%	8.128%
54	11.731	1607	1612	1618	rVV2	1477	2645	0.47%	0.045%
55	11.835	1622	1629	1640	rBB3	4432	9557	1.70%	0.161%
56	11.932	1641	1645	1646	rBV	137	162	0.03%	0.003%
57	11.957	1646	1649	1651	rVB	108	131	0.02%	0.002%
58	11.993	1652	1655	1657	rBB	125	134	0.02%	0.002%
59	12.054	1663	1665	1672	rBV	139	306	0.05%	0.005%
60	12.164	1677	1683	1685	rBV2	1608	3063	0.54%	0.052%
61	12.237	1691	1695	1697	rBV	3577	5183	0.92%	0.088%
62	12.335	1706	1711	1721	rVB	4161	7213	1.28%	0.122%
63	12.463	1728	1732	1736	rVB2	353	595	0.11%	0.010%
64	12.518	1736	1741	1742	rBV	208	294	0.05%	0.005%
65	12.536	1742	1744	1745	rBV	251	238	0.04%	0.004%
66	12.603	1749	1755	1761	rVB4	3490	7684	1.37%	0.130%
67	12.688	1763	1769	1776	rBV	85947	143470	25.50%	2.423%
68	12.755	1776	1780	1783	rBV2	702	970	0.17%	0.016%
69	12.798	1784	1787	1793	rVB	2653	3809	0.68%	0.064%
70	12.865	1793	1798	1801	rBV2	6446	10786	1.92%	0.182%
71	13.097	1833	1836	1841	rVB3	2083	3241	0.58%	0.055%
72	13.249	1856	1861	1865	rBV	18219	27036	4.80%	0.457%
73	13.396	1876	1885	1889	rBV4	13192	23844	4.24%	0.403%
74	13.554	1905	1911	1923	rBV	351363	562737	100.00%	9.505%
75	13.719	1933	1938	1939	rBV3	5548	8075	1.43%	0.136%
76	13.749	1939	1943	1946	rVV2	16223	26867	4.77%	0.454%

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 Title : SFAM01.0

77	13.786	1946	1949	1954	rVV2	19662	35732	6.35%	0.604%
78	13.853	1954	1960	1969	rVB	269970	450922	80.13%	7.616%
79	13.944	1971	1975	1980	rVB	7520	11816	2.10%	0.200%
80	14.005	1980	1985	1988	rBV	20459	33313	5.92%	0.563%
81	14.097	1995	2000	2006	rVB	41484	62920	11.18%	1.063%
82	14.200	2012	2017	2023	rVB2	18084	28791	5.12%	0.486%
83	14.322	2032	2037	2044	rBV2	79977	129289	22.98%	2.184%
84	14.414	2048	2052	2055	rVV	56053	80670	14.34%	1.363%
85	14.450	2055	2058	2063	rVV	70687	101773	18.09%	1.719%
86	14.499	2063	2066	2069	rVB	16894	21060	3.74%	0.356%
87	14.639	2085	2089	2092	rVB	23001	29725	5.28%	0.502%
88	14.688	2092	2097	2101	rBV2	40440	84690	15.05%	1.430%
89	14.792	2108	2114	2121	rBV3	74714	190184	33.80%	3.212%
90	14.853	2121	2124	2131	rVB	31926	45826	8.14%	0.774%
91	14.956	2137	2141	2143	rBV	9242	13034	2.32%	0.220%
92	15.023	2149	2152	2153	rBV	9602	10741	1.91%	0.181%
93	15.060	2154	2158	2170	rVV3	70249	166036	29.51%	2.805%
94	15.170	2171	2176	2184	rVB3	51965	106965	19.01%	1.807%
95	15.359	2203	2207	2213	rVB	65611	110856	19.70%	1.872%
96	15.468	2220	2225	2230	rBV4	25226	44396	7.89%	0.750%
97	15.651	2248	2255	2261	rBV2	25856	51475	9.15%	0.869%
98	15.944	2298	2303	2309	rVB	21869	38955	6.92%	0.658%
99	16.432	2377	2383	2396	rVB	71810	161800	28.75%	2.733%
100	16.639	2410	2417	2425	rBV	24830	57837	10.28%	0.977%

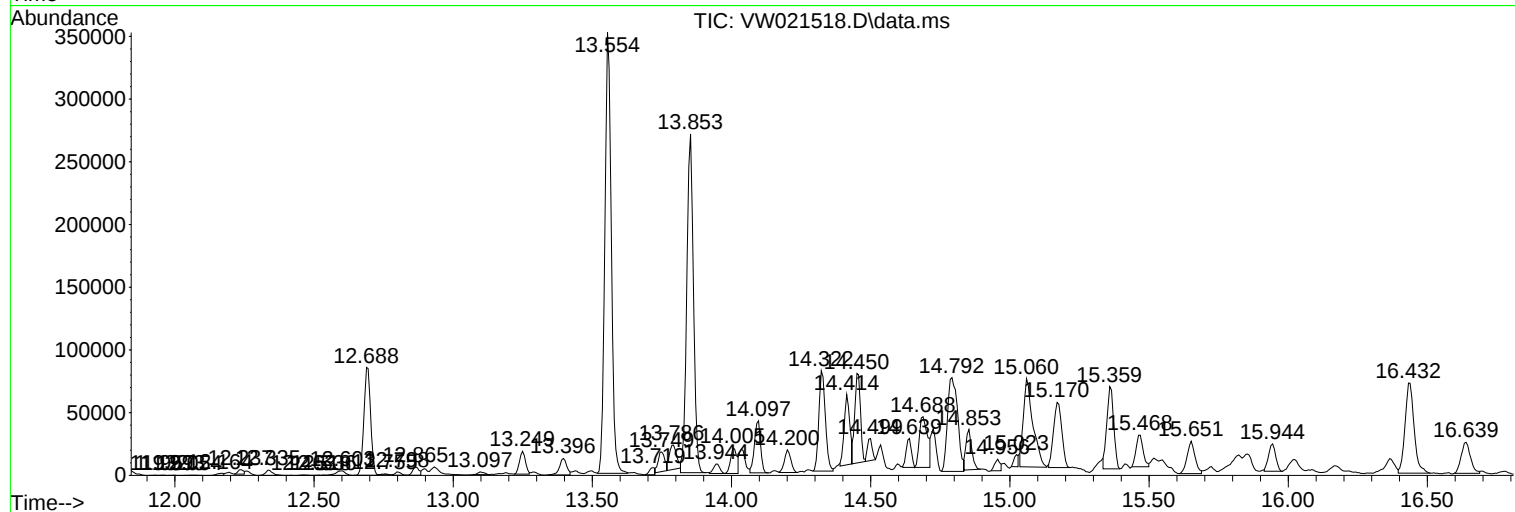
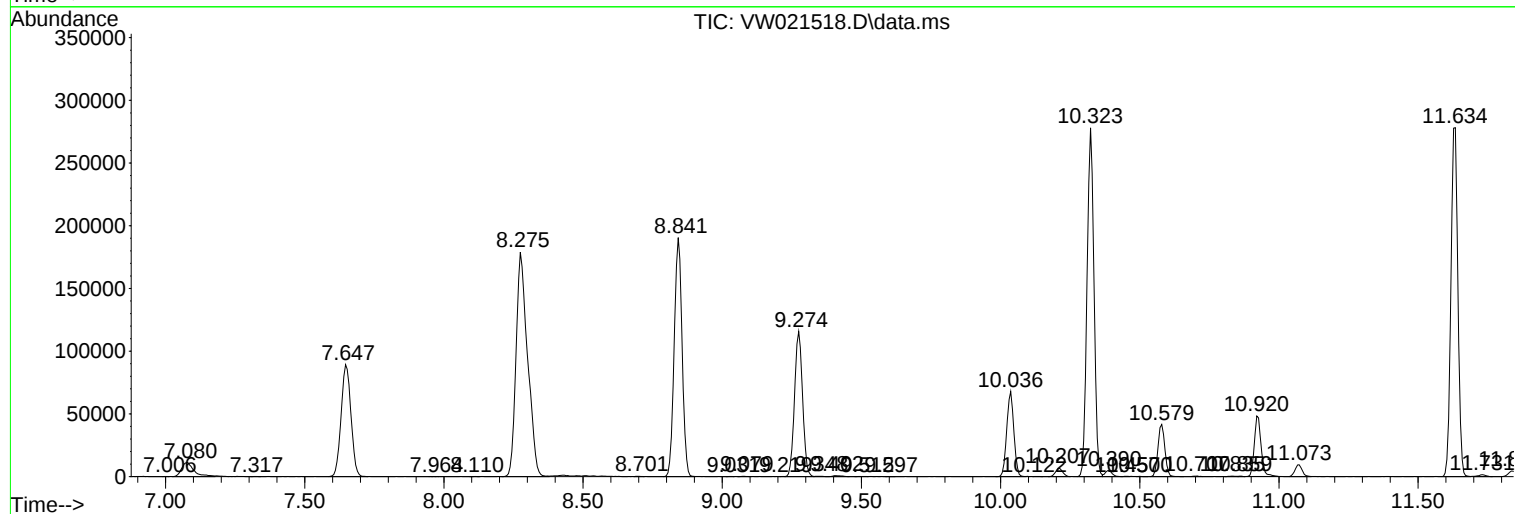
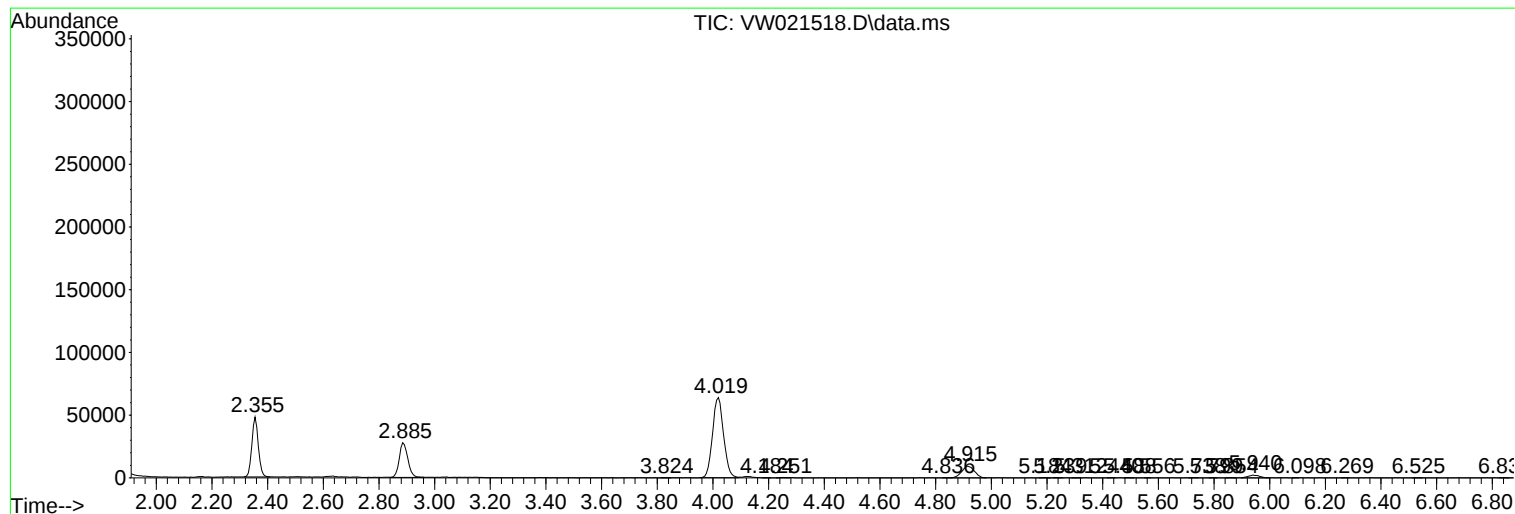
Sum of corrected areas: 5920339

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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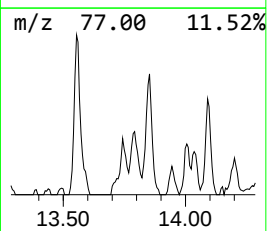
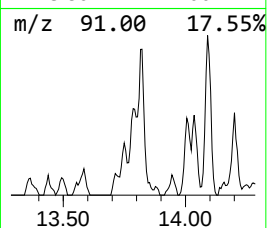
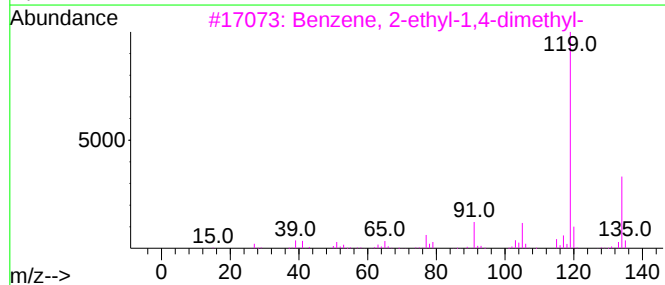
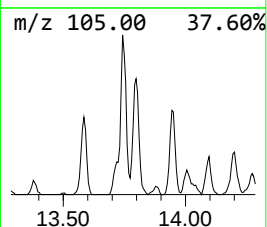
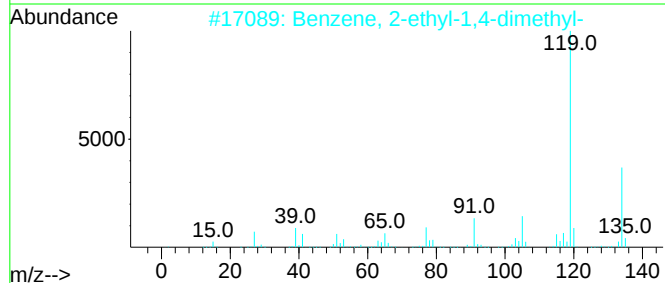
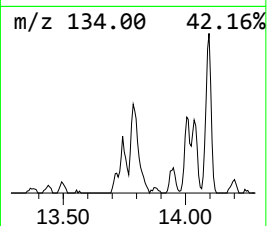
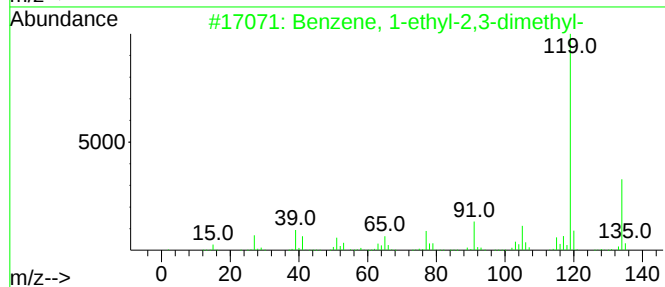
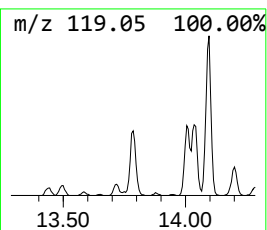
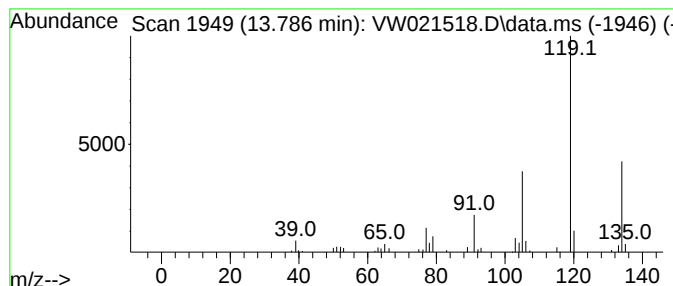
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	1.59 ug/L	35732	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



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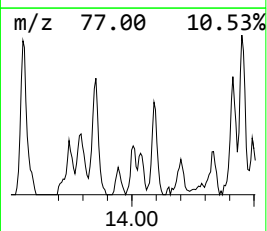
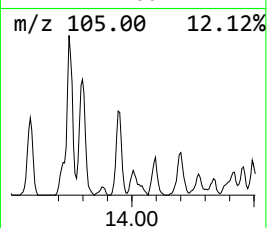
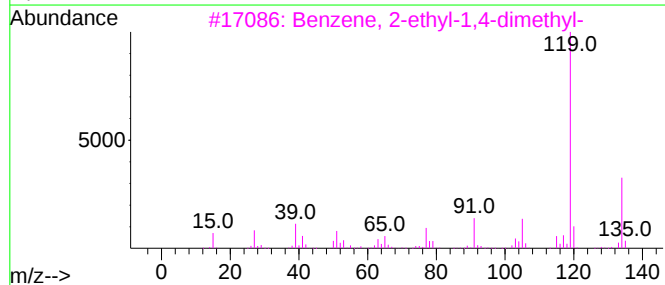
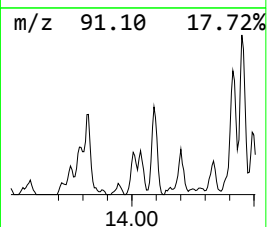
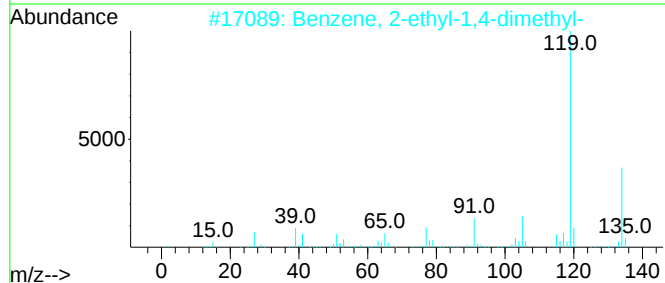
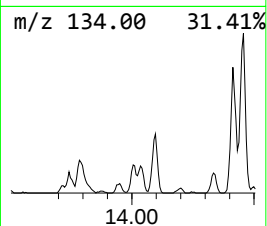
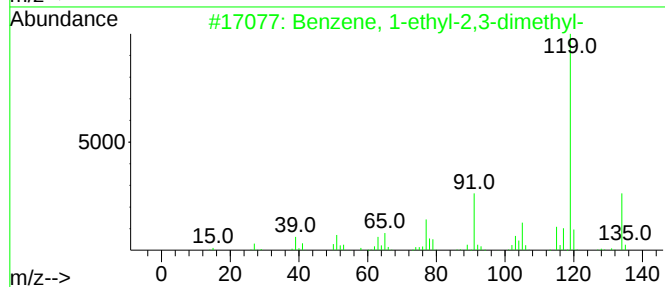
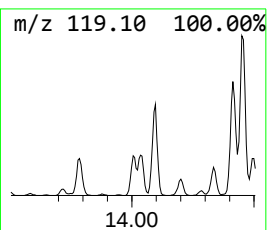
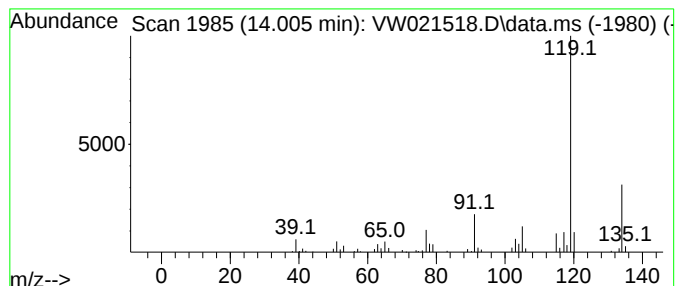
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Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	1.48 ug/L	33313	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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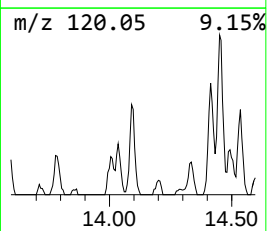
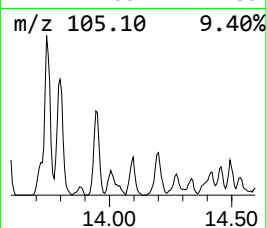
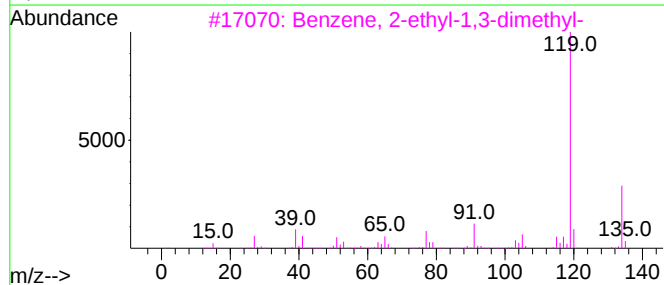
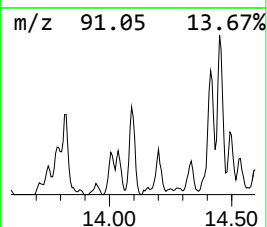
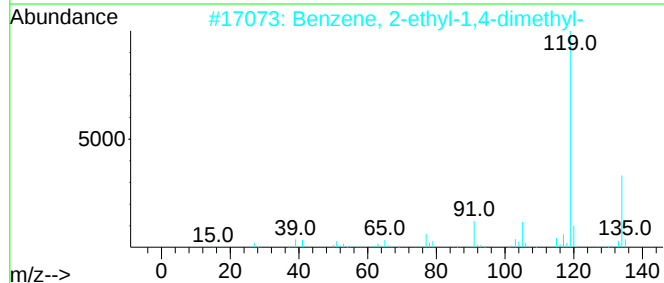
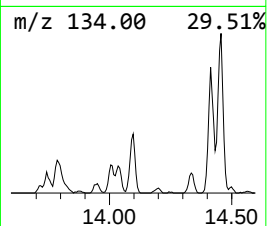
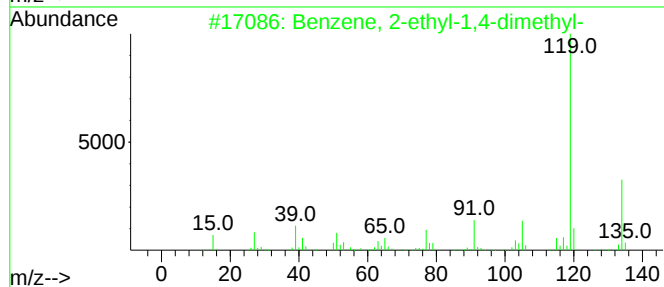
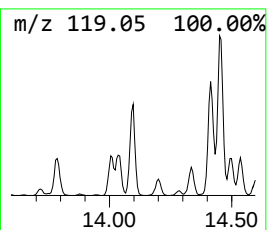
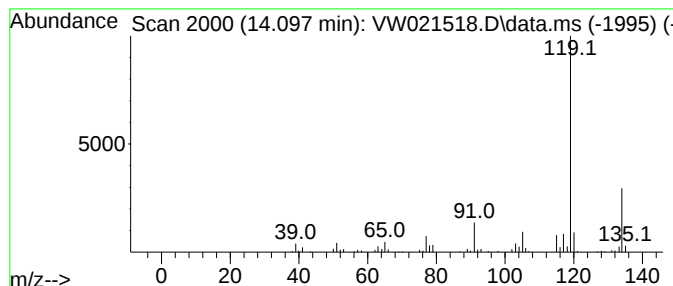
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	2.80 ug/L	62920	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

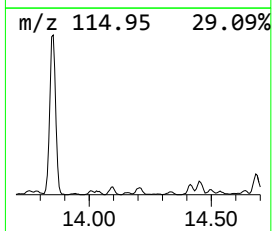
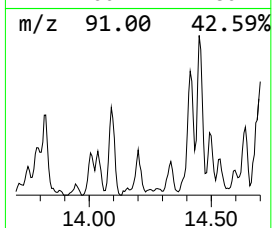
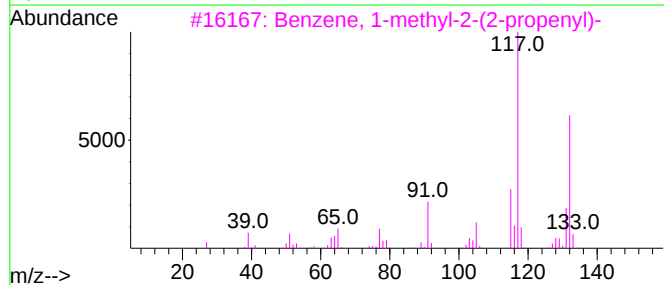
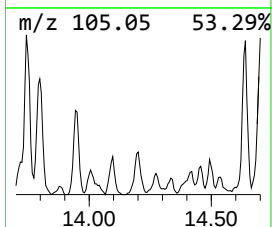
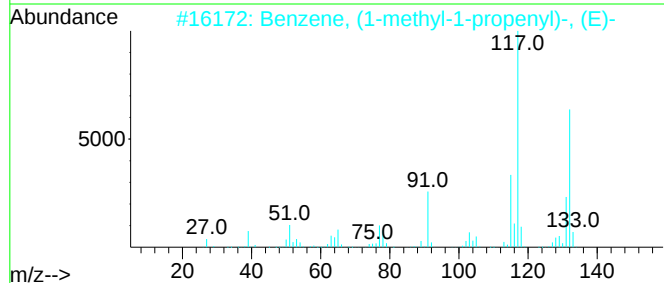
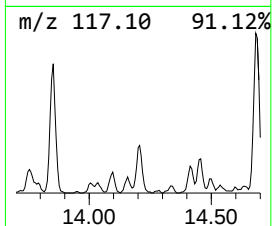
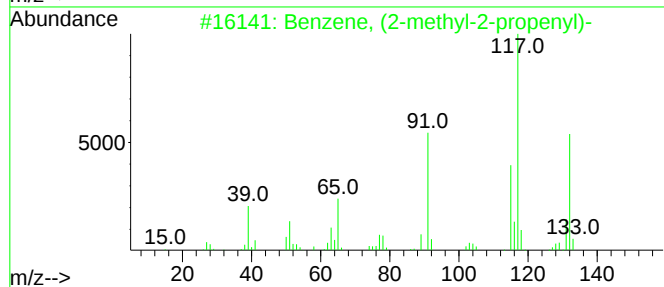
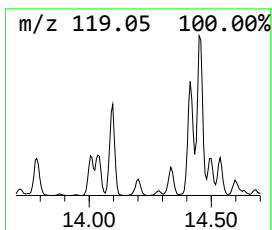
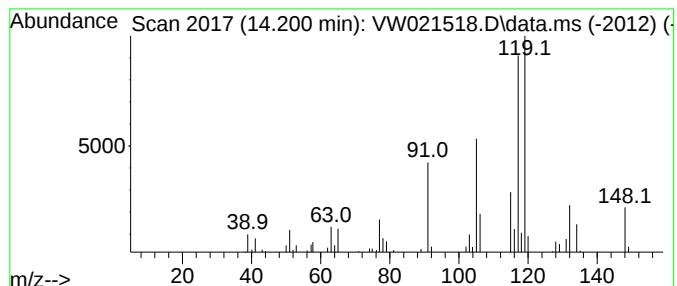
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, (2-methyl-2-propen... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	1.28 ug/L	28791	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	50
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	45
4			Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	45
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

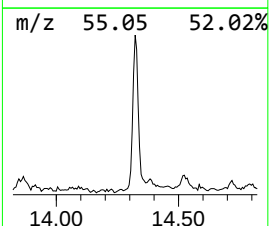
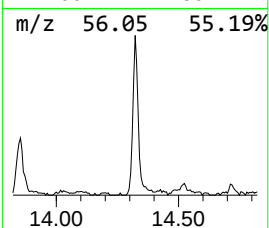
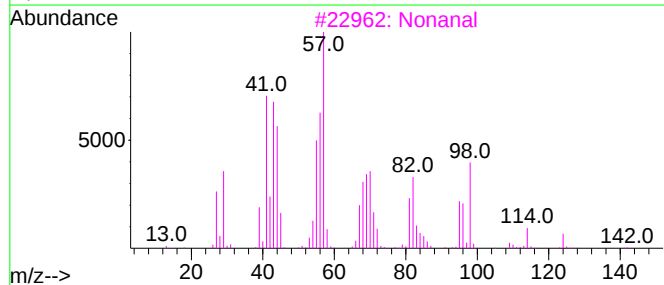
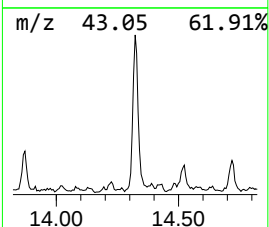
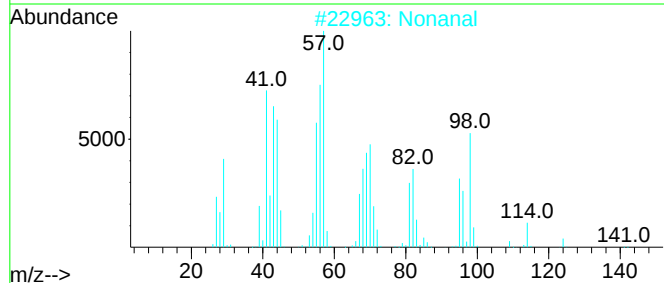
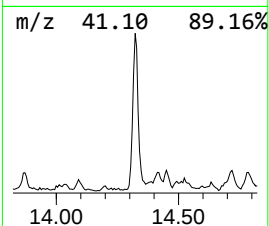
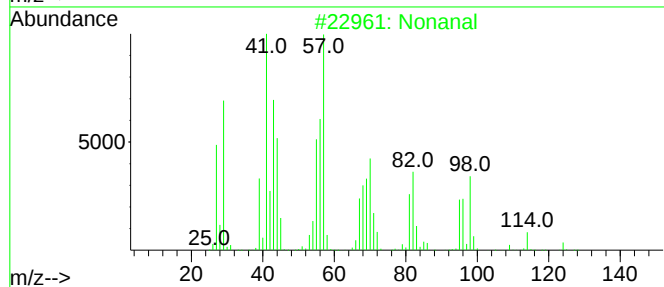
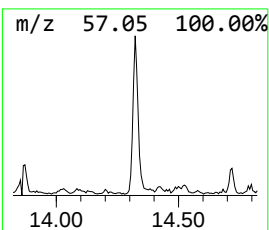
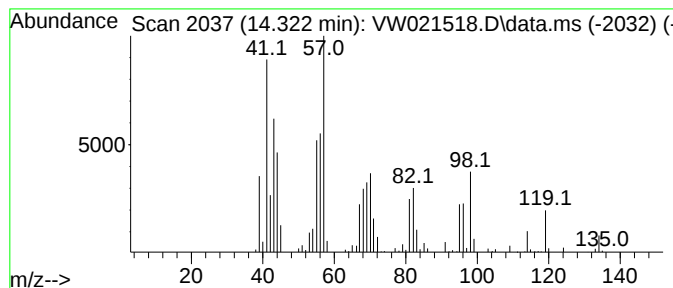
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Quant Title : SFAM01.0

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

Peak Number 7 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	5.74 ug/L	129289	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	90
2	Nonanal			142	C9H18O	000124-19-6	87
3	Nonanal			142	C9H18O	000124-19-6	87
4	Nonanal			142	C9H18O	000124-19-6	86
5	Cyclohexanol, 2-methyl-, trans-			114	C7H14O	007443-52-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

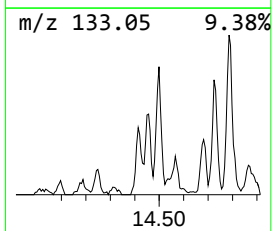
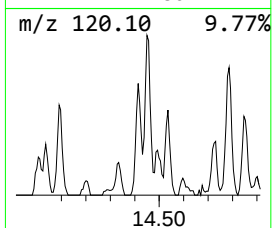
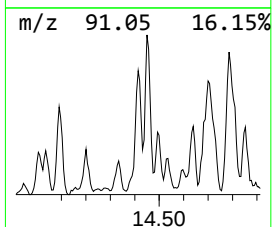
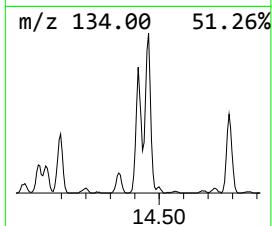
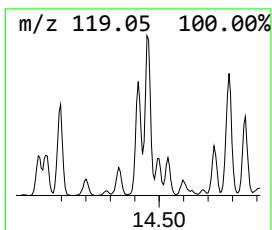
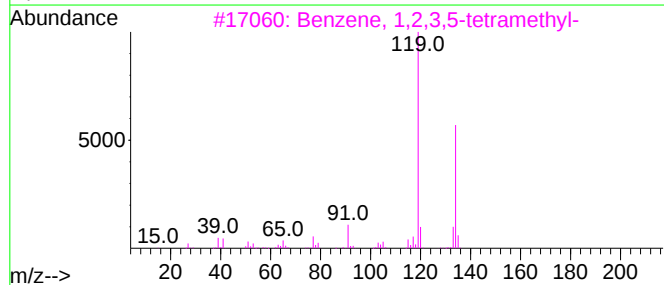
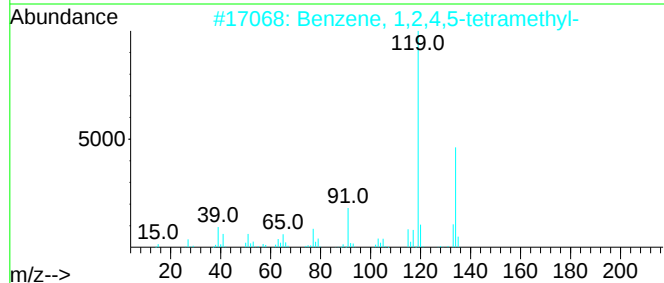
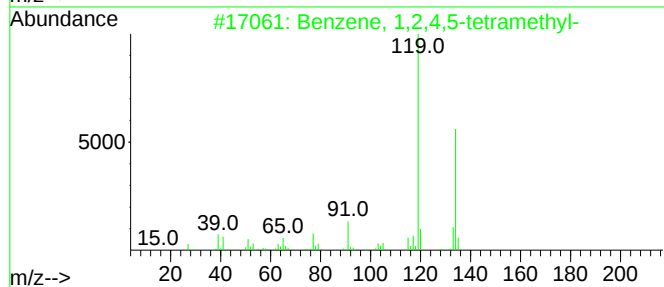
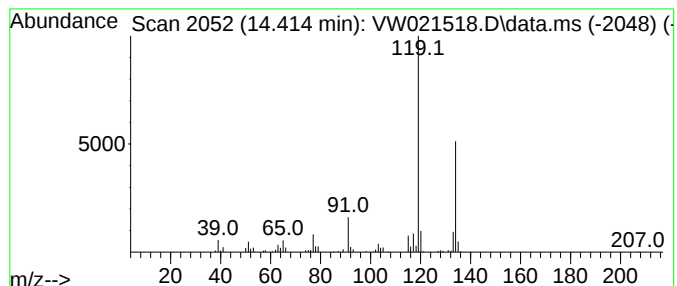
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	3.58 ug/L	80670	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	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

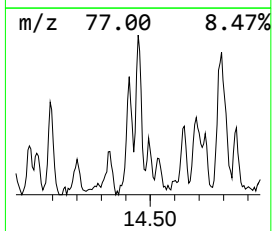
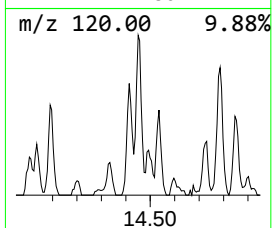
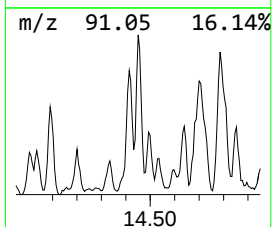
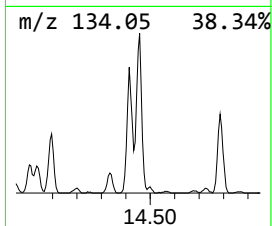
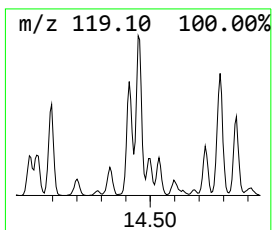
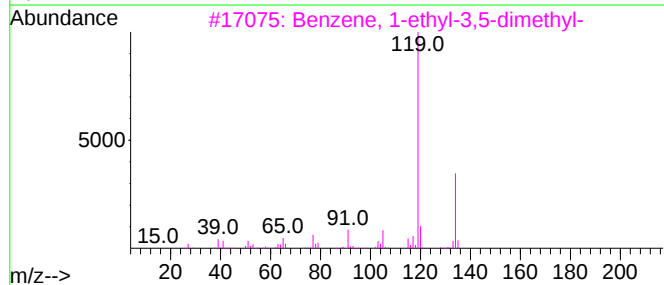
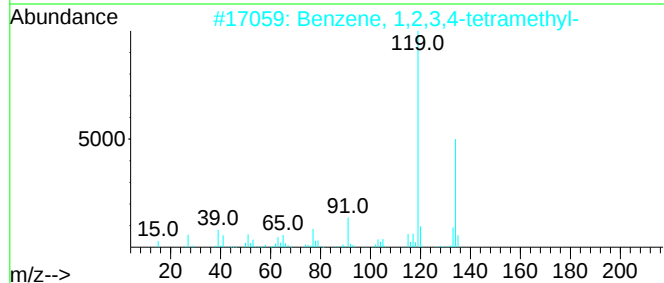
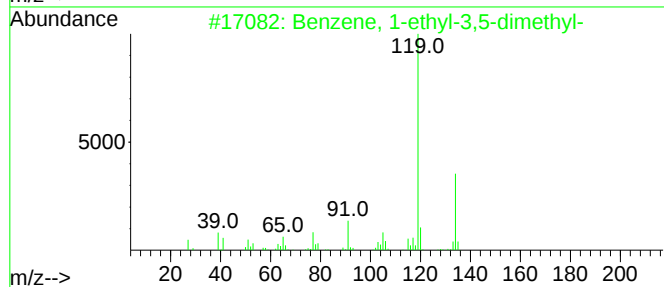
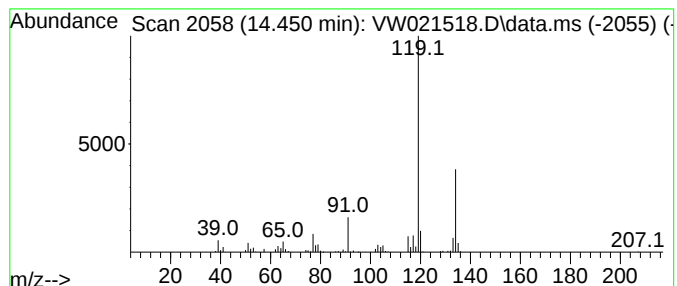
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	4.52 ug/L	101773	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

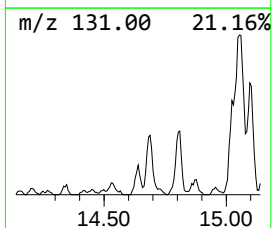
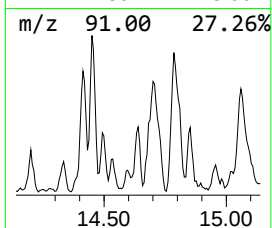
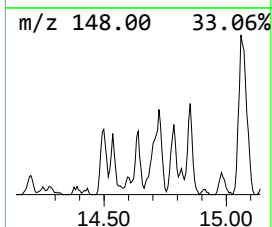
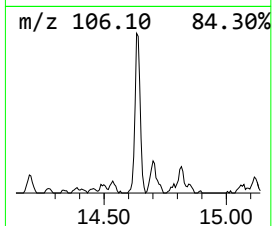
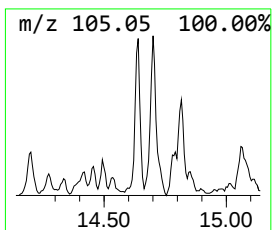
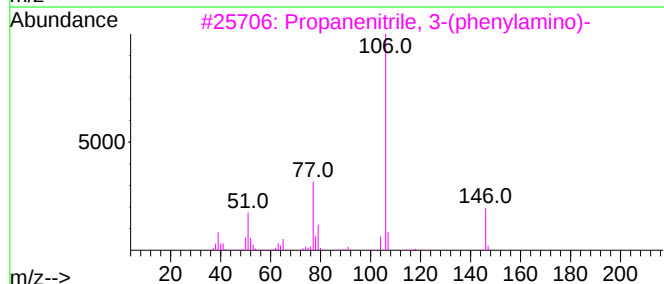
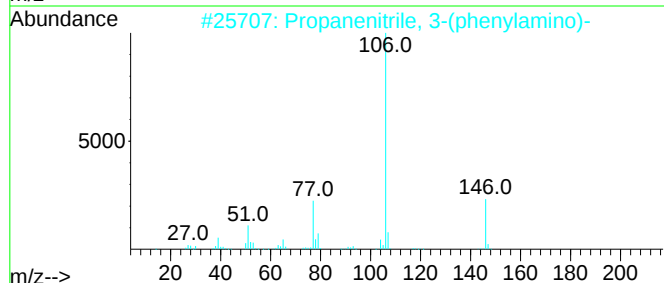
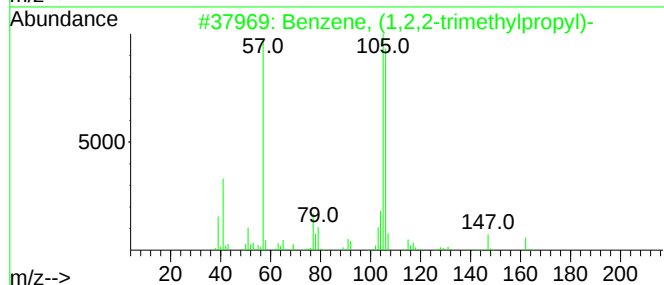
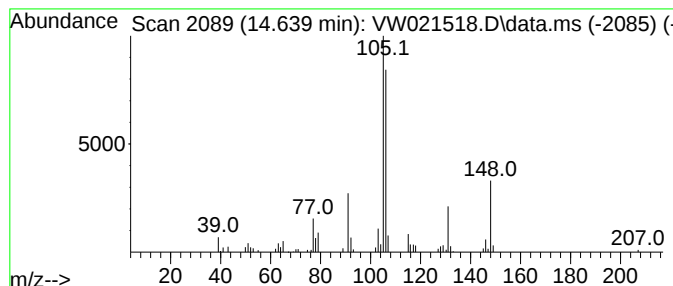
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, (1,2,2-trimethylpr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	1.32 ug/L	29725	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	53
2			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	43
3			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	43
4			Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	38
5			Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

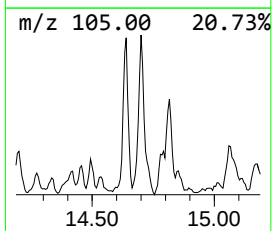
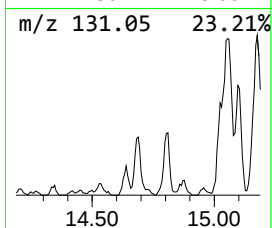
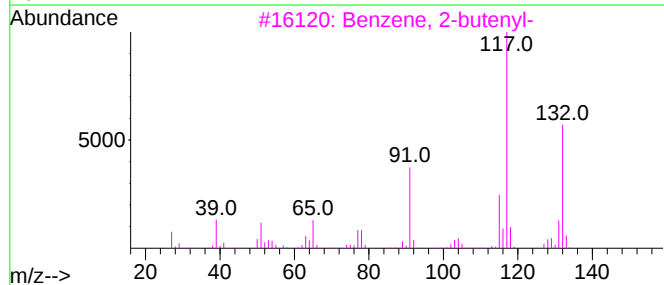
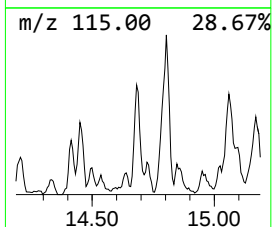
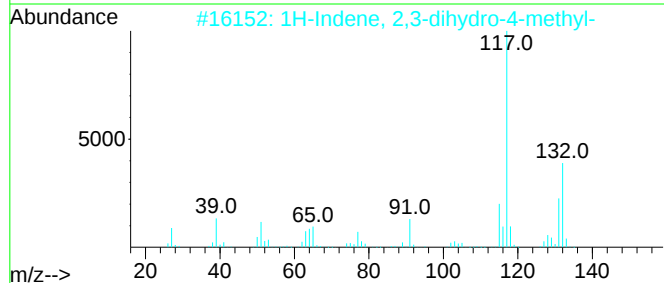
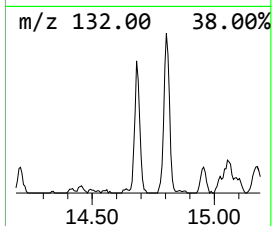
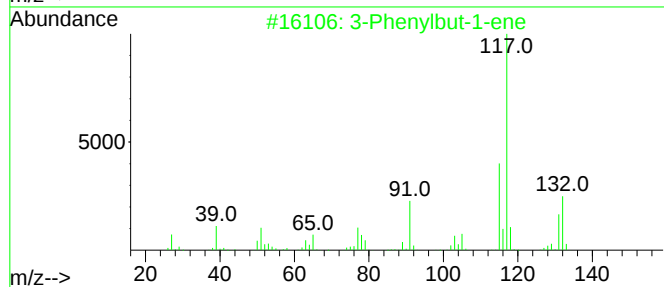
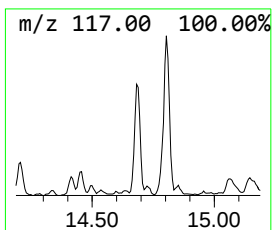
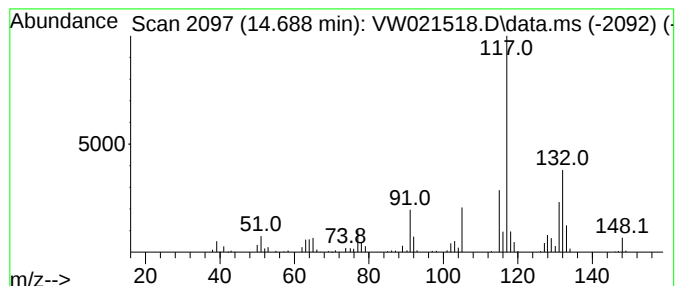
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Quant Title : SFAM01.0

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

Peak Number 11 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	3.76 ug/L	84690	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

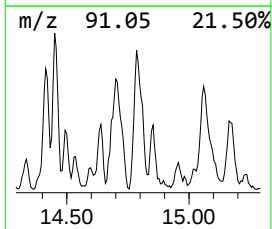
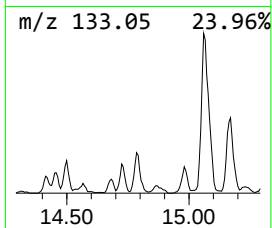
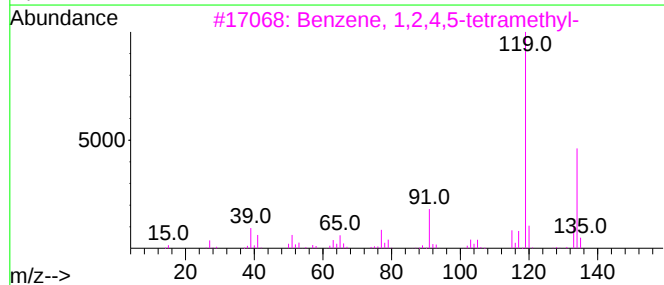
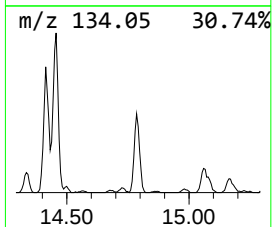
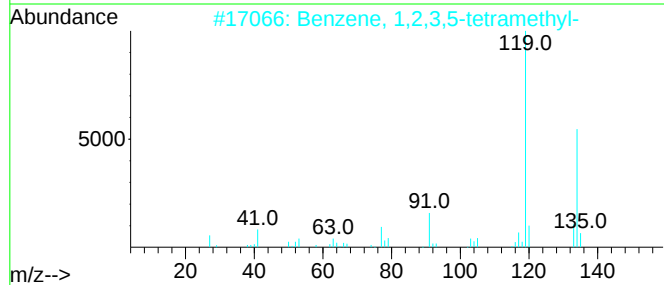
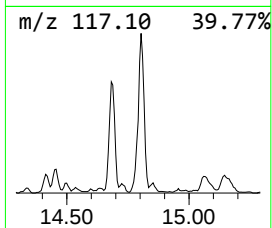
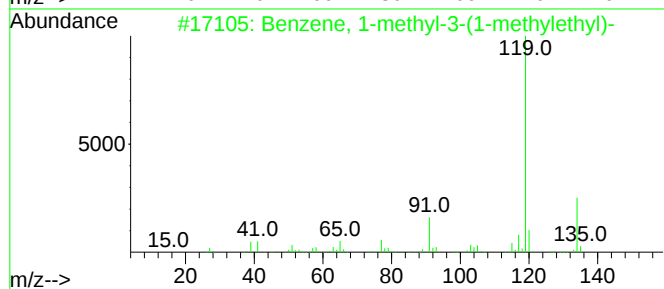
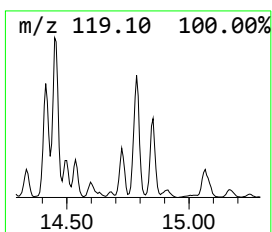
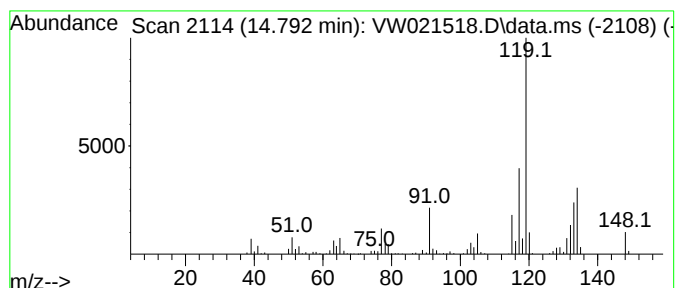
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	8.45 ug/L	190184	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	60
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4			o-Cymene	134	C10H14	000527-84-4	60
5			o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

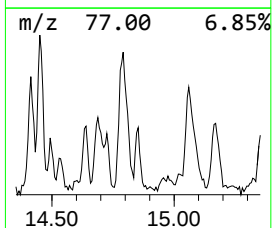
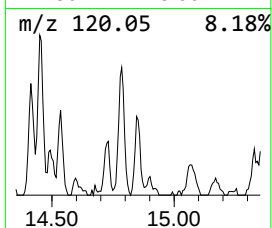
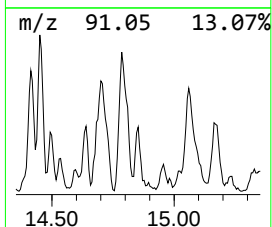
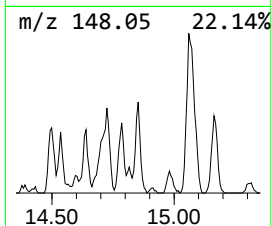
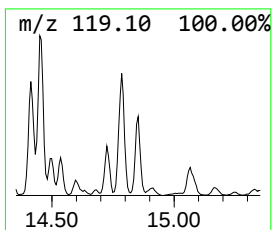
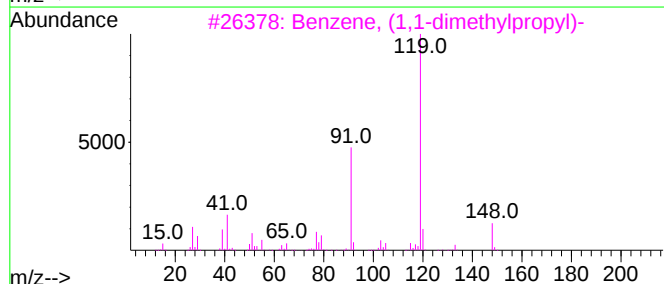
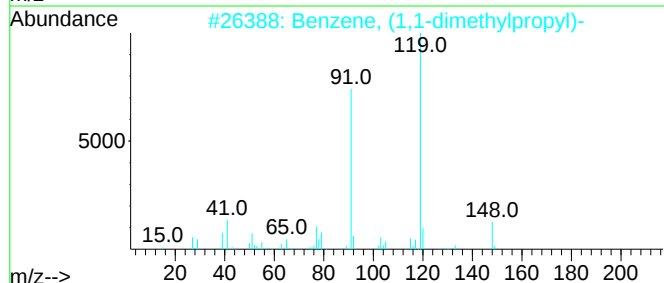
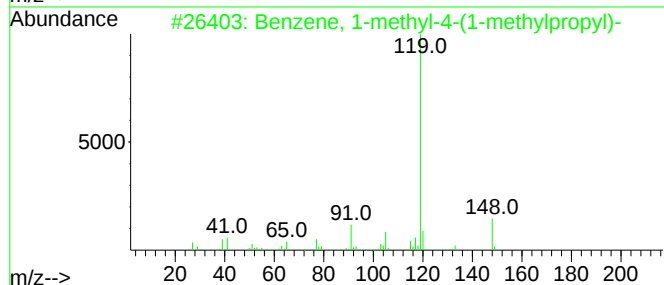
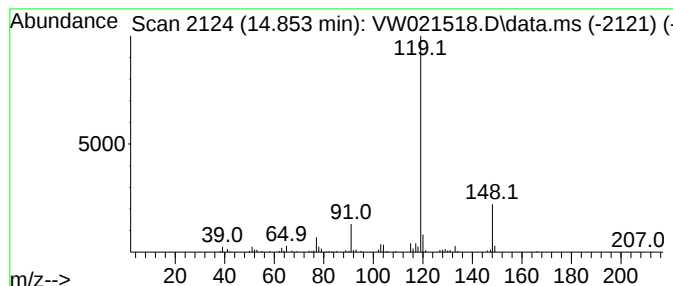
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	2.04 ug/L	45826	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

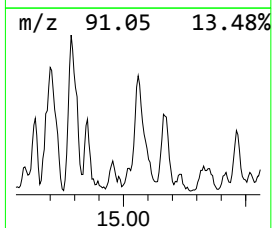
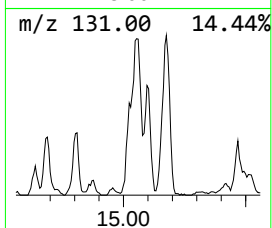
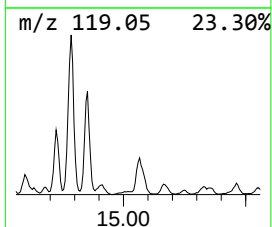
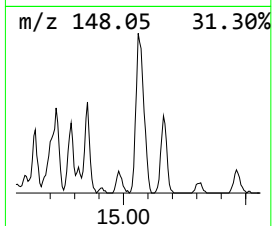
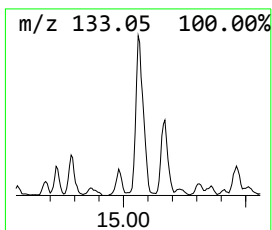
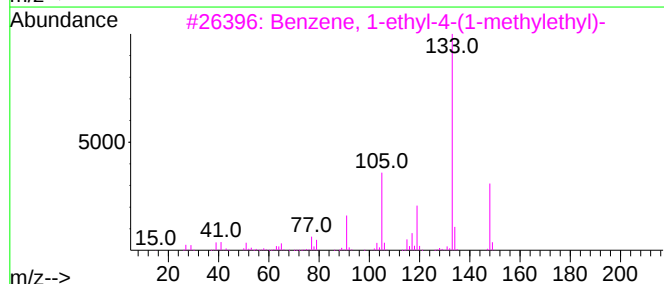
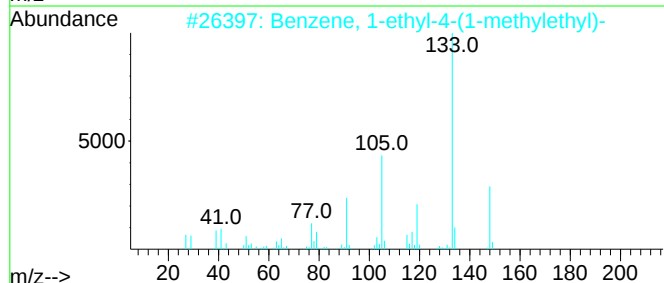
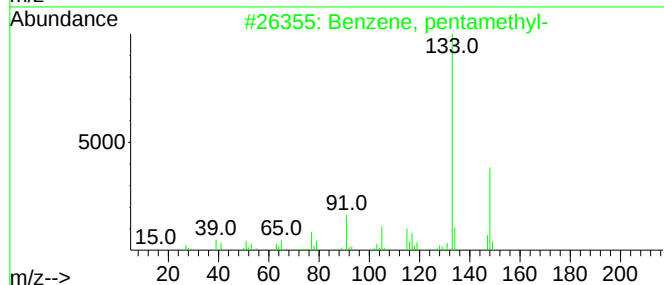
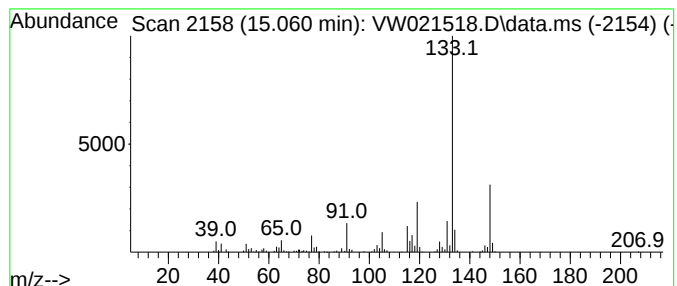
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	7.38 ug/L	166036	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

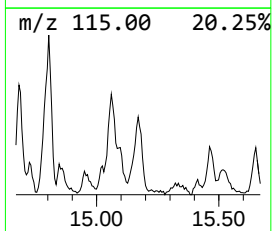
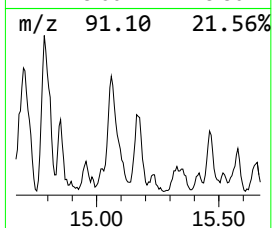
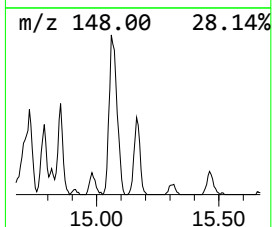
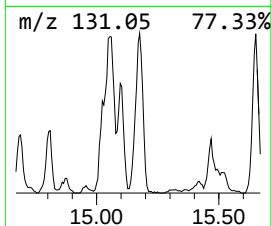
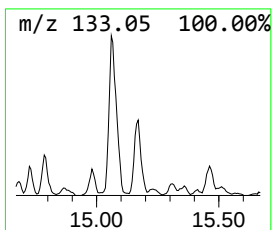
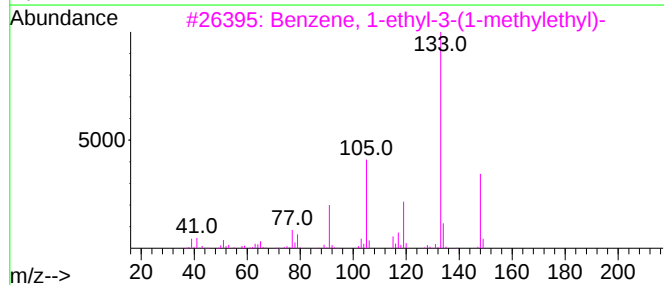
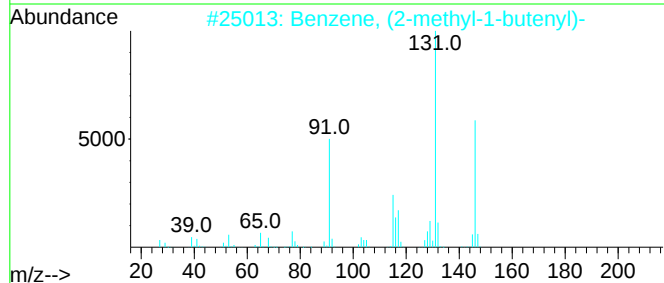
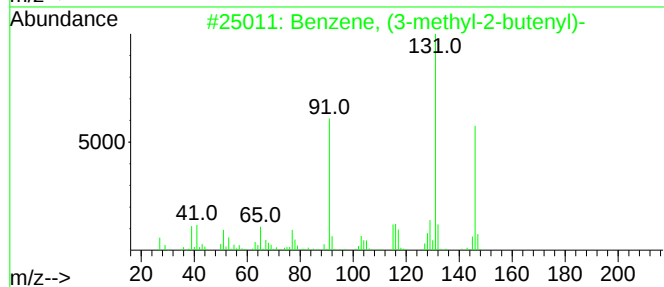
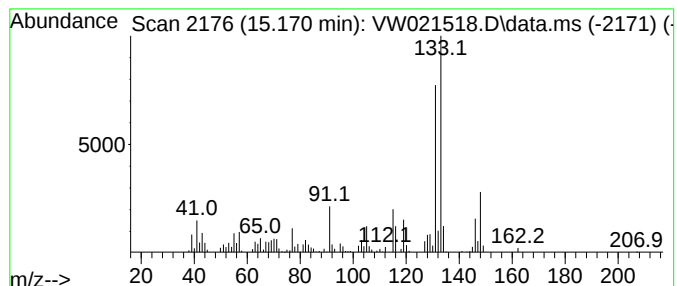
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	4.75 ug/L	106965	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	83
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

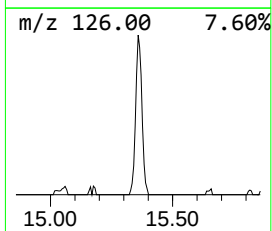
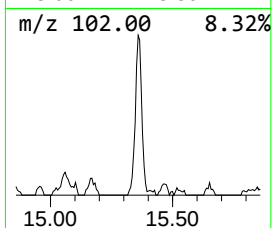
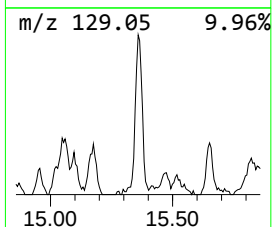
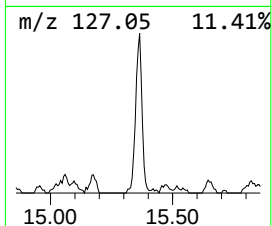
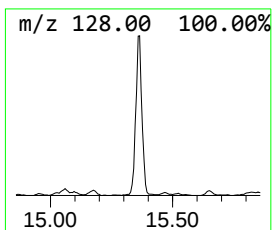
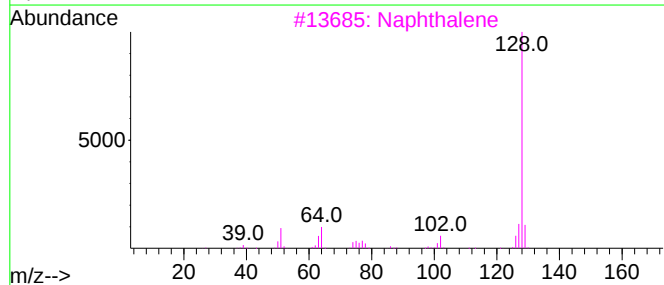
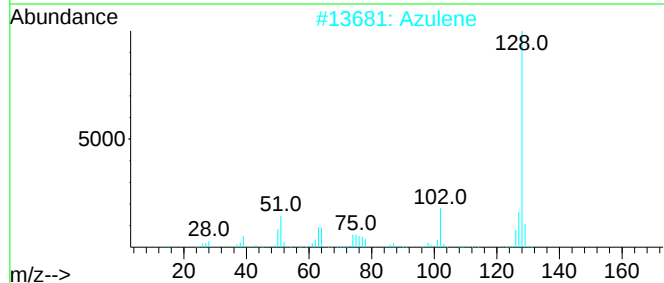
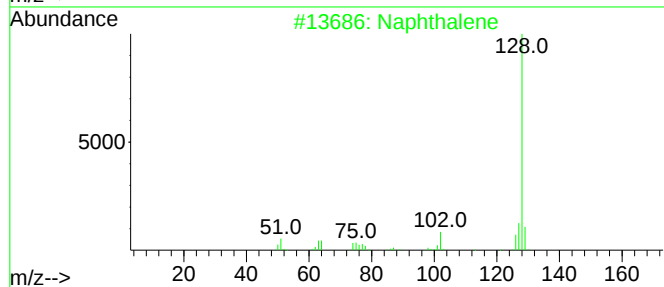
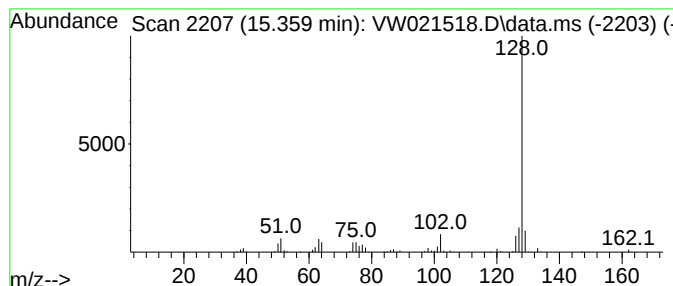
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Quant Title : SFAM01.0

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

Peak Number 16 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	4.92 ug/L	110856	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	93
3			Naphthalene	128	C10H8	000091-20-3	90
4			Azulene	128	C10H8	000275-51-4	90
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

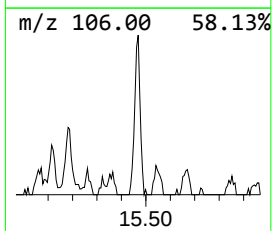
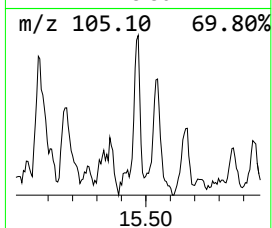
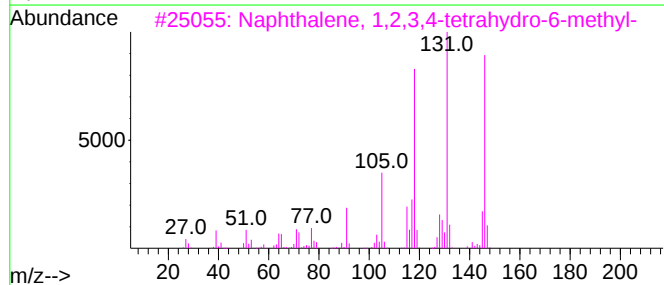
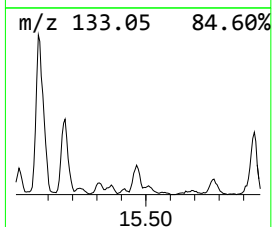
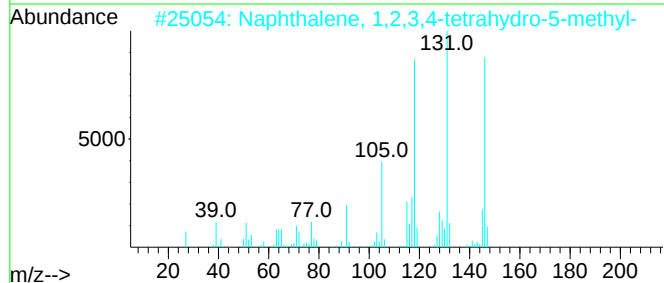
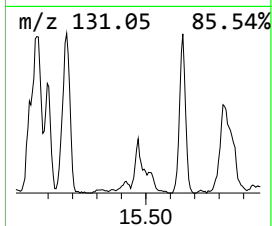
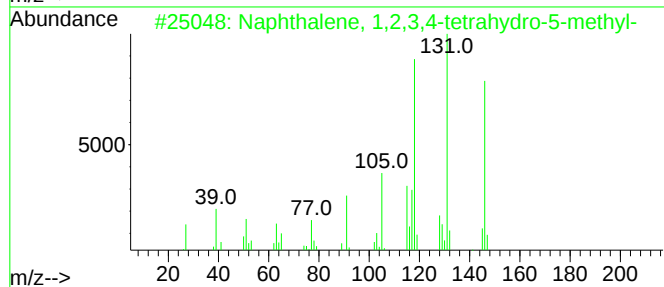
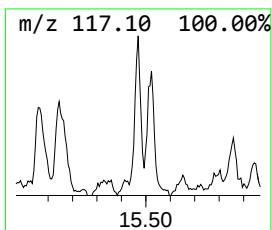
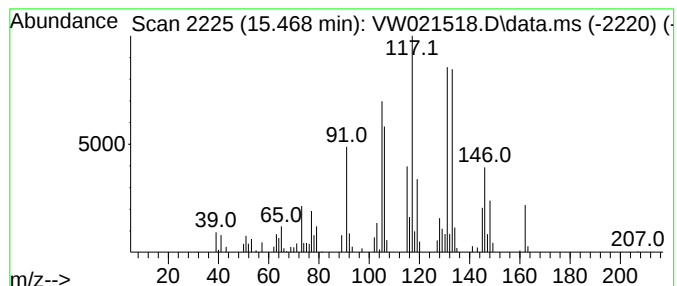
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	1.97 ug/L	44396	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	42
4			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
5			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

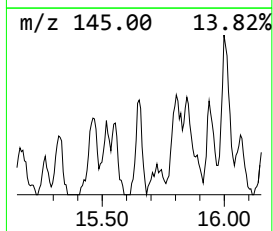
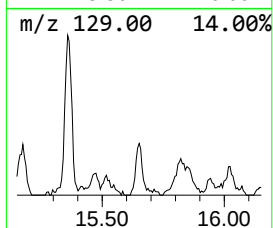
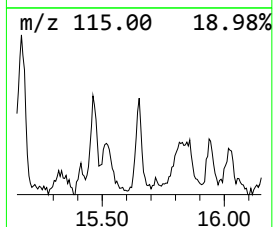
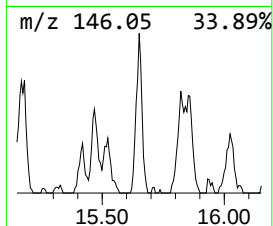
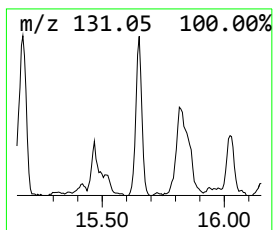
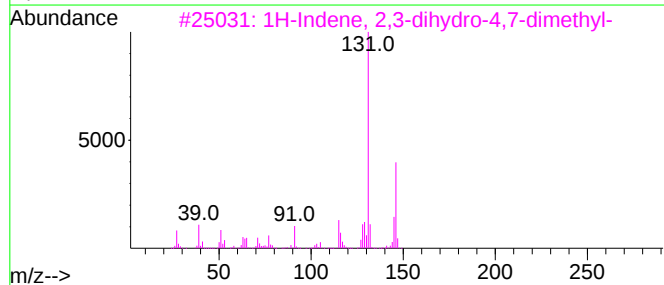
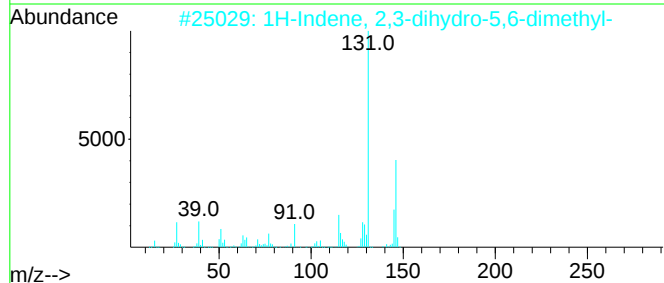
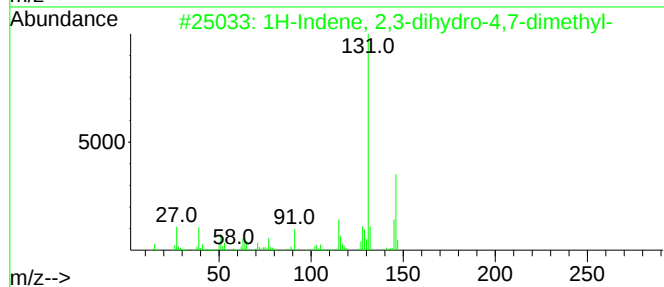
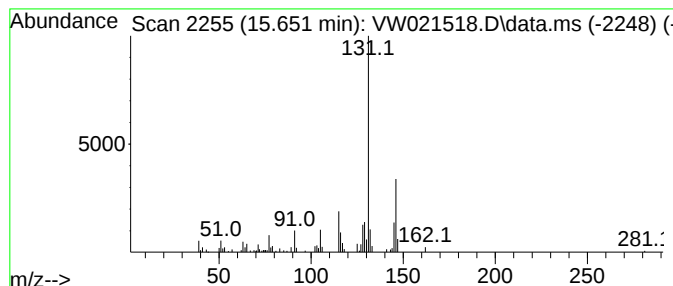
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Quant Title : SFAM01.0

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

Peak Number 18 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.29 ug/L	51475	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2			1H-Indene, 2,3-dihydro-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-1,2-dimet...	146	C11H14	017057-82-8	94
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

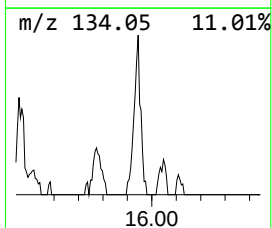
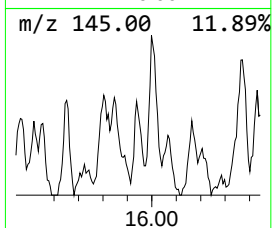
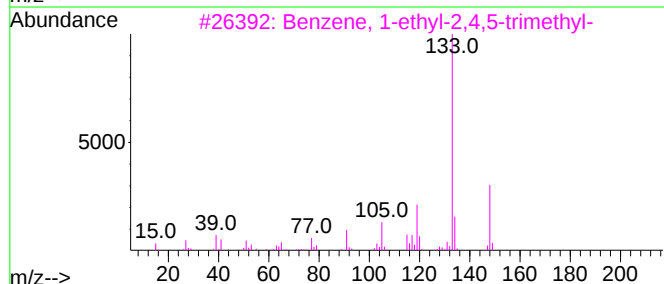
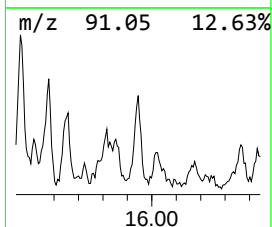
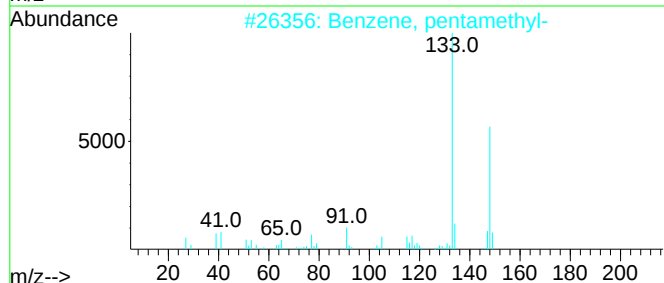
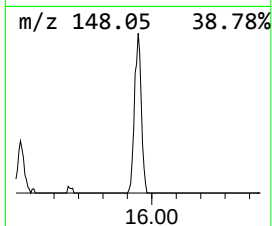
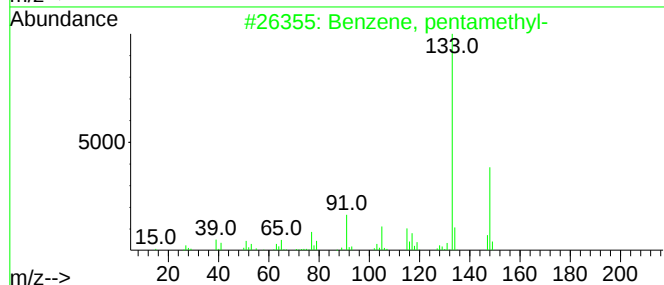
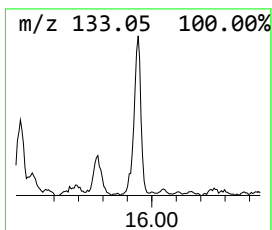
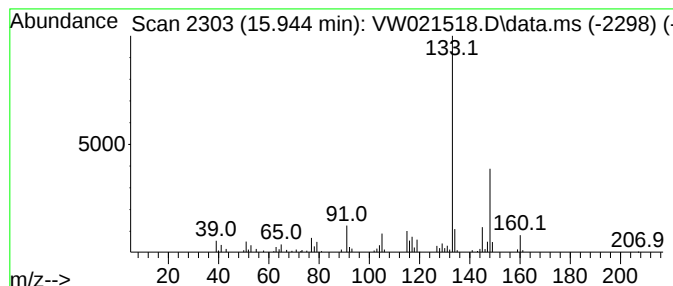
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	1.73 ug/L	38955	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5			1,5,6,7-Tetramethylbicyclo[3.2.0]...	148	C11H16	134329-46-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

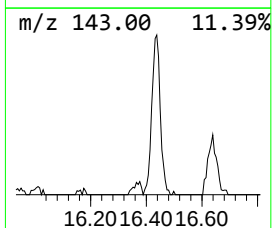
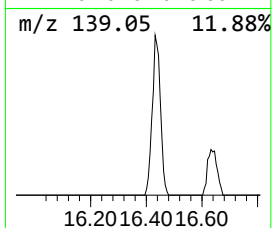
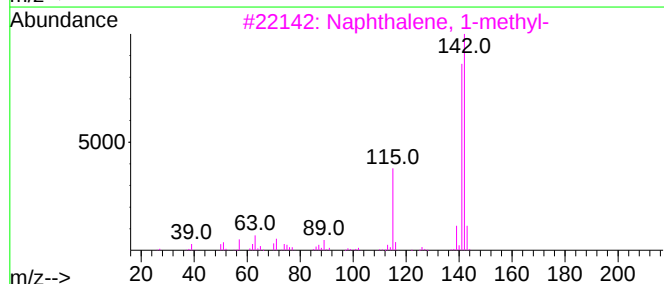
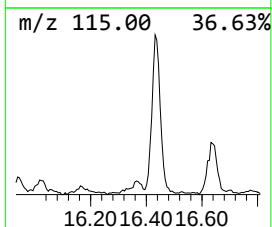
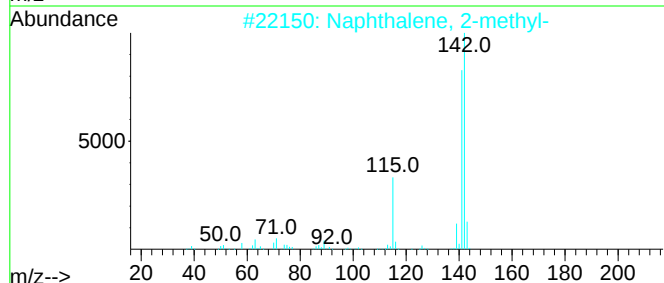
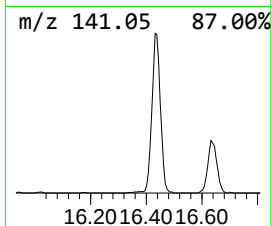
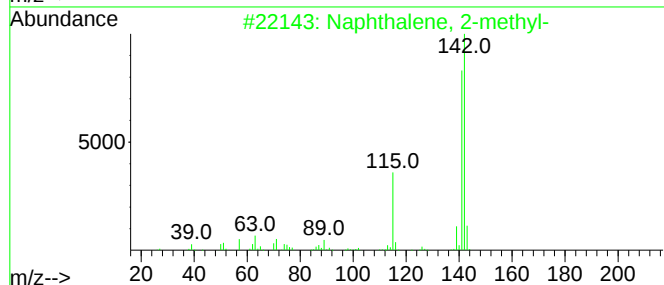
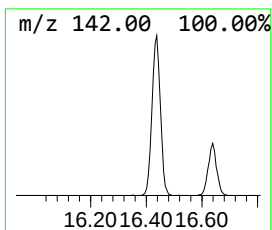
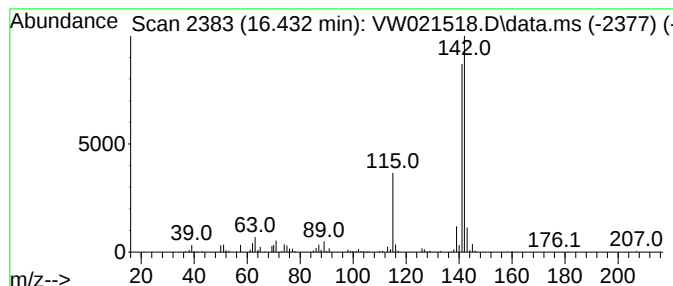
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	7.19 ug/L	161800	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, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021518.D
Acq On : 21 Dec 2021 11:52
Operator : SY/VA
Sample : M5125-03
Misc : 8.72g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP1

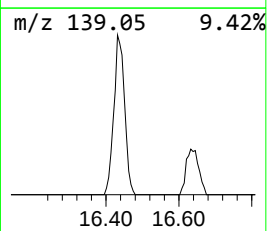
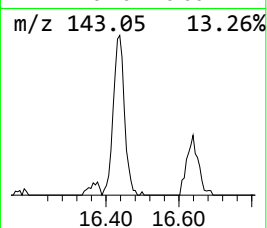
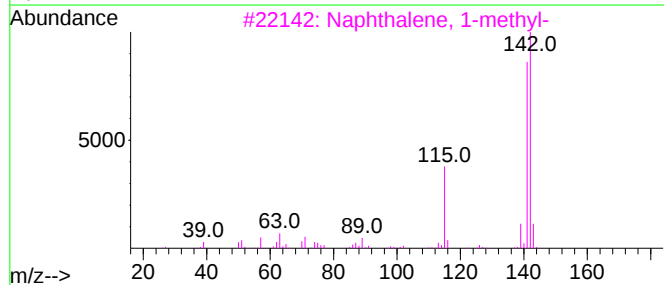
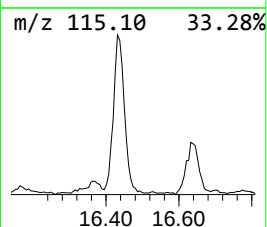
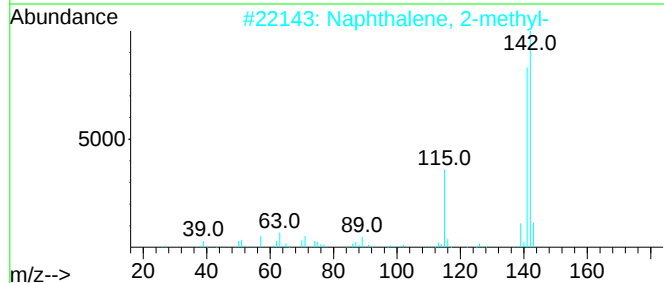
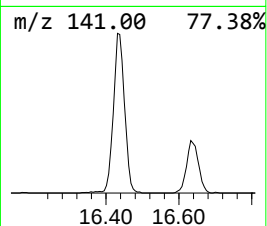
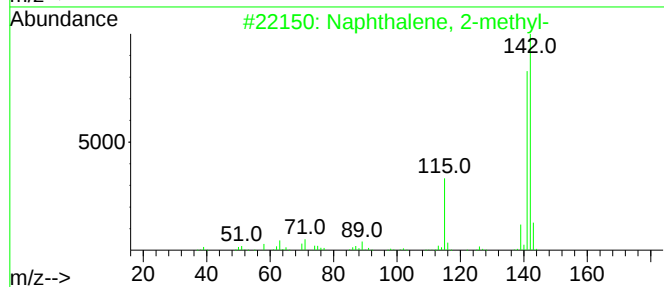
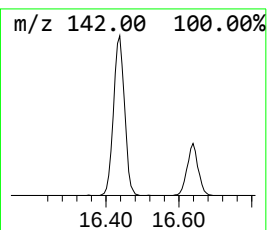
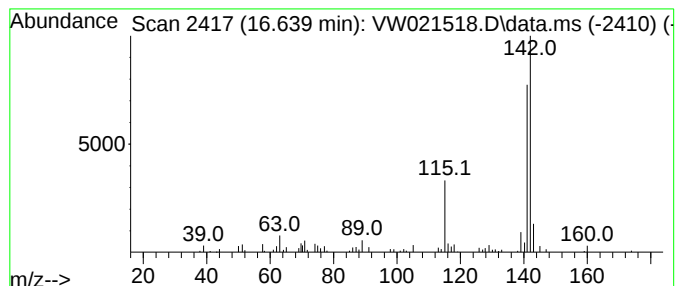
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Quant Title : SFAM01.0

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

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	2.57 ug/L	57837	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021518.D
 Acq On : 21 Dec 2021 11:52
 Operator : SY/VA
 Sample : M5125-03
 Misc : 8.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	13.786	1.6	ug/L	35732	3	13.554	562737	25.0
Benzene, 2-ethy...	14.005	1.5	ug/L	33313	3	13.554	562737	25.0
Benzene, 2-ethy...	14.097	2.8	ug/L	62920	3	13.554	562737	25.0
Benzene, (2-met...	14.200	1.3	ug/L	28791	3	13.554	562737	25.0
Nonanal	14.322	5.7	ug/L	129289	3	13.554	562737	25.0
Benzene, 1,2,4,...	14.414	3.6	ug/L	80670	3	13.554	562737	25.0
Benzene, 1-ethy...	14.450	4.5	ug/L	101773	3	13.554	562737	25.0
Benzene, (1,2,2...	14.639	1.3	ug/L	29725	3	13.554	562737	25.0
3-Phenylbut-1-ene	14.688	3.8	ug/L	84690	3	13.554	562737	25.0
Benzene, 1-meth...	14.792	8.4	ug/L	190184	3	13.554	562737	25.0
Benzene, 1-meth...	14.853	2.0	ug/L	45826	3	13.554	562737	25.0
Benzene, pentam...	15.060	7.4	ug/L	166036	3	13.554	562737	25.0
Benzene, (3-met...	15.170	4.8	ug/L	106965	3	13.554	562737	25.0
Azulene	15.359	4.9	ug/L	110856	3	13.554	562737	25.0
unknown-01	15.468	2.0	ug/L	44396	3	13.554	562737	25.0
1H-Indene, 2,3-...	15.651	2.3	ug/L	51475	3	13.554	562737	25.0
Benzene, 1-ethy...	15.944	1.7	ug/L	38955	3	13.554	562737	25.0
Naphthalene, 2-...	16.432	7.2	ug/L	161800	3	13.554	562737	25.0
Naphthalene, 1-...	16.639	2.6	ug/L	57837	3	13.554	562737	25.0