

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027392.D
 Acq On : 23 Oct 2023 14:00
 Operator : SY/MD
 Sample : 04948-17
 Misc : 5.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COAL6

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

Signal : TIC: VW027392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	95	rBV	88624	231848	8.82%	0.819%
2	2.893	158	165	182	rBV	78151	219456	8.34%	0.775%
3	4.021	337	350	364	rVV	209689	654108	24.87%	2.310%
4	4.119	364	366	380	rVB3	7846	22636	0.86%	0.080%
5	4.917	486	497	514	rBV3	18911	73811	2.81%	0.261%
6	5.941	655	665	675	rBV3	10605	32848	1.25%	0.116%
7	7.075	843	851	868	rBV	67145	214516	8.16%	0.758%
8	7.246	871	879	893	rVB	347806	882176	33.54%	3.116%
9	7.648	936	945	960	rVV	349182	853331	32.45%	3.014%
10	7.923	985	990	997	rBV5	4123	10893	0.41%	0.038%
11	8.039	1002	1009	1015	rBV9	2787	8021	0.30%	0.028%
12	8.154	1021	1028	1036	rBV6	5621	14405	0.55%	0.051%
13	8.276	1036	1048	1065	rBV2	702932	2079404	79.07%	7.344%
14	8.478	1076	1081	1090	rVV2	7644	20261	0.77%	0.072%
15	8.697	1111	1117	1122	rBV8	4125	9929	0.38%	0.035%
16	8.843	1131	1141	1155	rBV	783057	1597516	60.75%	5.642%
17	9.075	1172	1179	1185	rBV	3865	10732	0.41%	0.038%
18	9.270	1201	1211	1220	rBV	481189	1003934	38.17%	3.546%
19	9.380	1226	1229	1241	rVB9	6108	14366	0.55%	0.051%
20	9.514	1247	1251	1256	rVB5	3188	5710	0.22%	0.020%
21	9.666	1271	1276	1281	rBV6	2834	5918	0.23%	0.021%
22	9.752	1285	1290	1298	rBV3	7636	15932	0.61%	0.056%
23	9.898	1308	1314	1319	rVB2	8800	18240	0.69%	0.064%
24	9.953	1319	1323	1326	rBV3	6209	10982	0.42%	0.039%
25	10.032	1327	1336	1343	rVV	273002	490794	18.66%	1.733%
26	10.093	1343	1346	1359	rVB4	12412	29326	1.12%	0.104%
27	10.197	1359	1363	1367	rBV6	5765	11564	0.44%	0.041%
28	10.245	1367	1371	1376	rVB	9253	15001	0.57%	0.053%
29	10.319	1376	1383	1390	rBV	947092	1714945	65.21%	6.057%
30	10.386	1390	1394	1405	rVB	81574	143161	5.44%	0.506%
31	10.508	1407	1414	1418	rVB8	5724	12079	0.46%	0.043%
32	10.575	1418	1425	1435	rBV	166013	294397	11.19%	1.040%
33	10.697	1440	1445	1451	rVB	14258	23249	0.88%	0.082%
34	10.849	1465	1470	1475	rVB2	11662	20333	0.77%	0.072%
35	10.922	1475	1482	1494	rBV	297778	512463	19.49%	1.810%
36	11.032	1494	1500	1509	rVV	9610	29477	1.12%	0.104%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Title : SFAM01.0

37	11.172	1520	1523	1528	rVV3	4443	7195	0.27%	0.025%
38	11.227	1528	1532	1537	rVB5	6941	12066	0.46%	0.043%
39	11.337	1545	1550	1554	rBV2	9762	15487	0.59%	0.055%
40	11.404	1554	1561	1572	rVB2	25035	59688	2.27%	0.211%
41	11.507	1572	1578	1583	rBV	26565	43727	1.66%	0.154%
42	11.629	1589	1598	1605	rBV	1173890	1953815	74.29%	6.901%
43	11.727	1608	1614	1623	rVV	260079	426822	16.23%	1.508%
44	11.837	1623	1632	1642	rVV	650999	1254318	47.70%	4.430%
45	11.910	1642	1644	1649	rVB6	5066	7039	0.27%	0.025%
46	12.056	1664	1668	1673	rVB4	6898	9826	0.37%	0.035%
47	12.160	1674	1685	1694	rBV	235968	427060	16.24%	1.508%
48	12.245	1694	1699	1705	rVB	27615	46277	1.76%	0.163%
49	12.355	1705	1717	1724	rBV7	18949	72879	2.77%	0.257%
50	12.458	1729	1734	1739	rBV	40942	77029	2.93%	0.272%
51	12.538	1744	1747	1749	rVV	18617	25909	0.99%	0.092%
52	12.562	1749	1751	1752	rVV	11698	11404	0.43%	0.040%
53	12.605	1752	1758	1762	rVB4	33580	68856	2.62%	0.243%
54	12.647	1762	1765	1767	rBV2	10415	13049	0.50%	0.046%
55	12.690	1767	1772	1778	rVB	371935	592134	22.52%	2.091%
56	12.800	1778	1790	1795	rBV	111761	187180	7.12%	0.661%
57	12.861	1795	1800	1804	rBV	448705	749347	28.49%	2.647%
58	12.897	1804	1806	1809	rVV	241722	300640	11.43%	1.062%
59	12.940	1809	1813	1819	rVB	331570	512724	19.50%	1.811%
60	13.099	1831	1839	1845	rBV	310077	514154	19.55%	1.816%
61	13.160	1845	1849	1856	rVV2	33789	62753	2.39%	0.222%
62	13.245	1857	1863	1875	rVB	1215236	1890104	71.87%	6.676%
63	13.342	1875	1879	1881	rBV2	8983	14401	0.55%	0.051%
64	13.440	1891	1895	1896	rBV2	36127	44325	1.69%	0.157%
65	13.464	1896	1899	1907	rVV4	52095	99653	3.79%	0.352%
66	13.556	1907	1914	1932	rVB2	1308647	2629842	100.00%	9.288%
67	13.714	1934	1940	1942	rBV	63516	102203	3.89%	0.361%
68	13.751	1942	1946	1949	rVV2	227694	397933	15.13%	1.405%
69	13.781	1949	1951	1956	rVV3	144978	229313	8.72%	0.810%
70	13.848	1956	1962	1971	rVB	801233	1384725	52.65%	4.891%
71	13.940	1973	1977	1983	rVB	40637	59377	2.26%	0.210%
72	14.007	1983	1988	1990	rBV	106015	166172	6.32%	0.587%
73	14.031	1990	1992	1996	rVV	94590	141458	5.38%	0.500%
74	14.092	1997	2002	2007	rVB	160249	251852	9.58%	0.890%
75	14.153	2009	2012	2015	rBV	12800	14119	0.54%	0.050%
76	14.202	2015	2020	2025	rVB2	117718	188932	7.18%	0.667%

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77	14.257	2026	2029	2034	rVB6	9597	17730	0.67%	0.063%
78	14.330	2035	2041	2046	rBV2	63488	116087	4.41%	0.410%
79	14.379	2046	2049	2051	rBV4	21658	28884	1.10%	0.102%
80	14.415	2051	2055	2058	rVV	73524	110047	4.18%	0.389%
81	14.452	2058	2061	2065	rVB	131539	167384	6.36%	0.591%
82	14.495	2065	2068	2071	rVB2	34063	38684	1.47%	0.137%
83	14.537	2071	2075	2081	rVB5	31393	57380	2.18%	0.203%
84	14.604	2081	2086	2087	rBV5	6925	11216	0.43%	0.040%
85	14.635	2088	2091	2094	rVB2	15529	19460	0.74%	0.069%
86	14.684	2094	2099	2103	rBV2	93650	160795	6.11%	0.568%
87	14.720	2103	2105	2110	rVB2	50745	66150	2.52%	0.234%
88	14.800	2110	2118	2124	rBV3	186616	439891	16.73%	1.554%
89	14.952	2139	2143	2148	rVB3	24243	37828	1.44%	0.134%
90	15.056	2155	2160	2172	rVB4	46643	114636	4.36%	0.405%
91	15.171	2173	2179	2186	rVB2	41450	88572	3.37%	0.313%
92	15.360	2205	2210	2216	rVB	92038	156568	5.95%	0.553%
93	15.470	2224	2228	2234	rVB2	12355	23814	0.91%	0.084%
94	15.647	2251	2257	2264	rVB5	17269	40856	1.55%	0.144%
95	15.793	2276	2281	2282	rBV4	9544	14933	0.57%	0.053%
96	15.933	2302	2304	2310	rVB6	7509	12987	0.49%	0.046%
97	16.019	2316	2318	2323	rVB4	6093	7487	0.28%	0.026%
98	16.153	2335	2340	2347	rVB4	8715	21808	0.83%	0.077%
99	16.433	2380	2386	2401	rVB	46976	116871	4.44%	0.413%
100	16.641	2413	2420	2431	rVB4	25196	69566	2.65%	0.246%

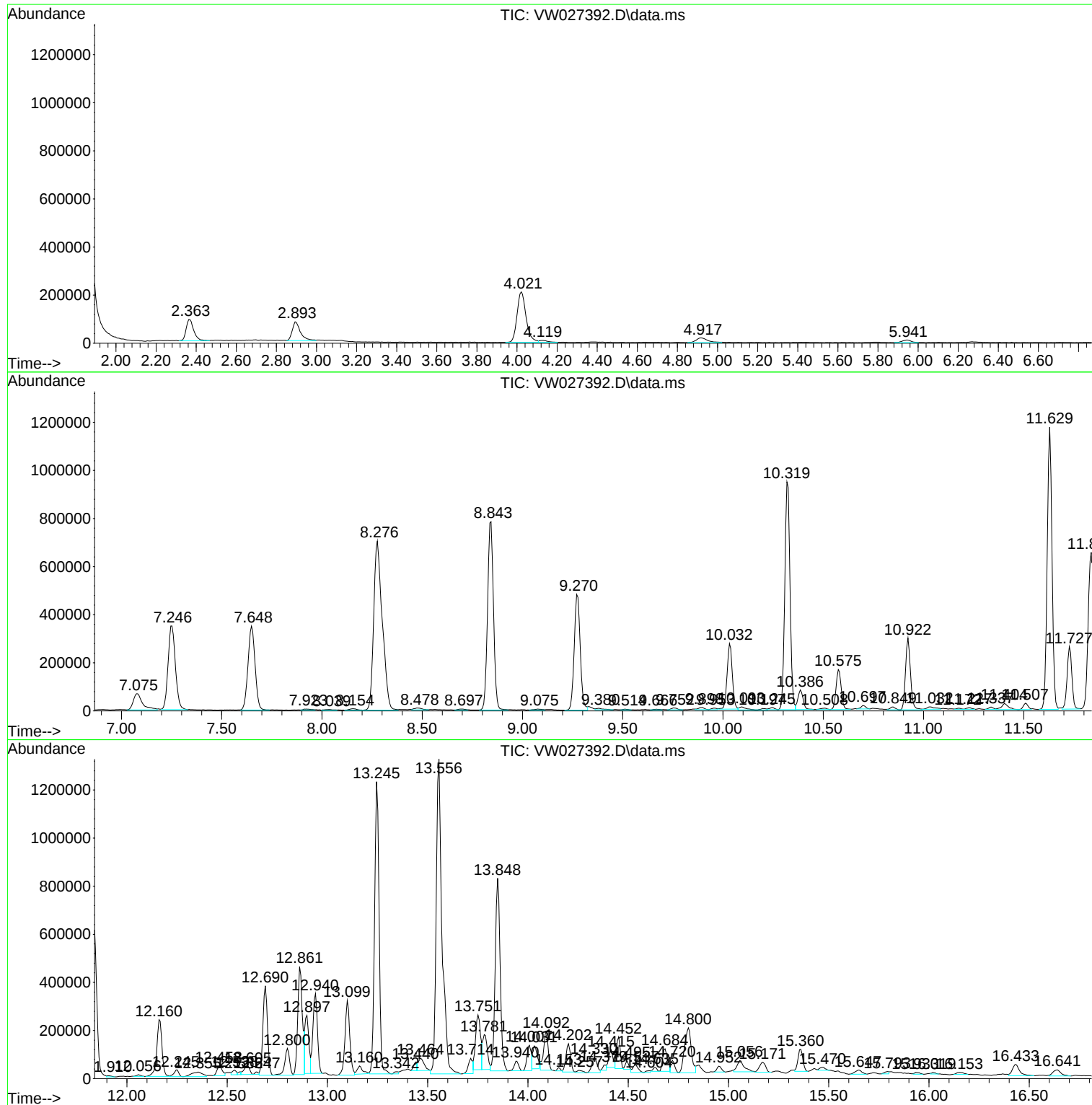
Sum of corrected areas: 28313183

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



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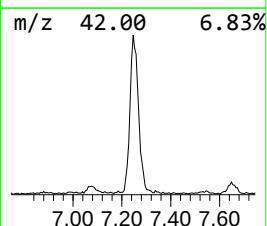
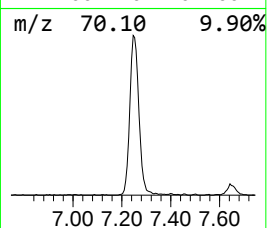
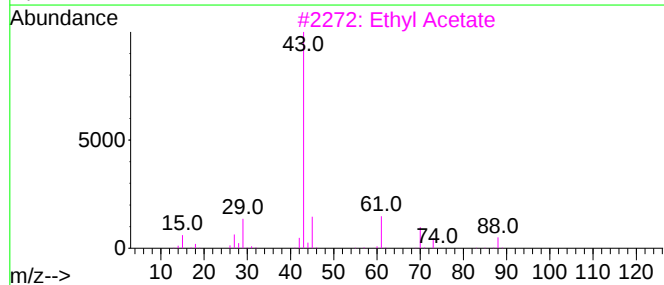
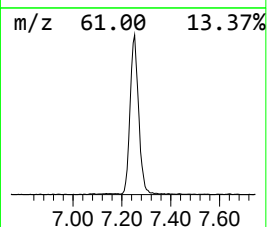
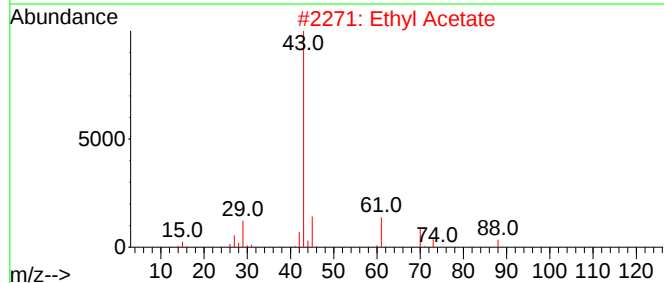
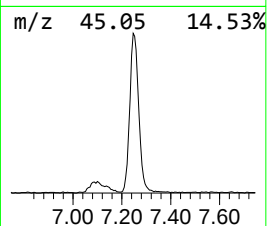
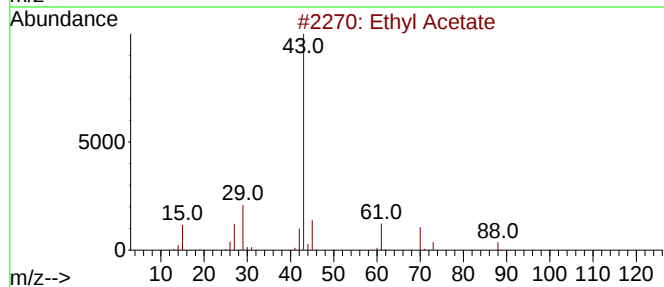
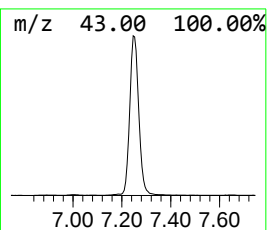
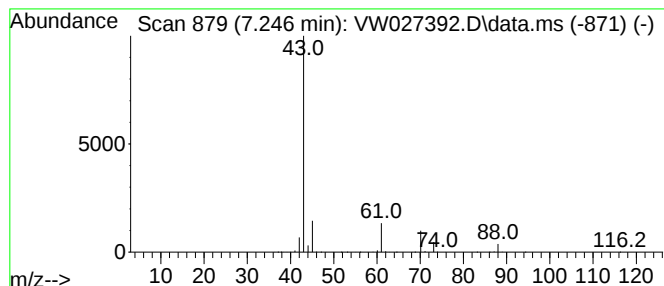
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.246	13.81 ug/L	882176	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	86
2			Ethyl Acetate	88	C4H8O2	000141-78-6	86
3			Ethyl Acetate	88	C4H8O2	000141-78-6	64
4			Ethyl Acetate	88	C4H8O2	000141-78-6	59
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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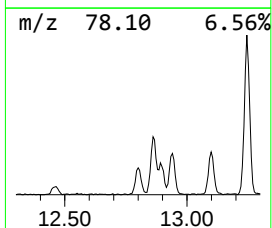
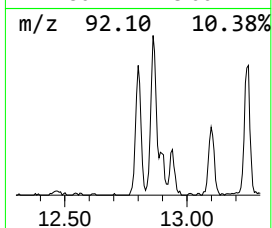
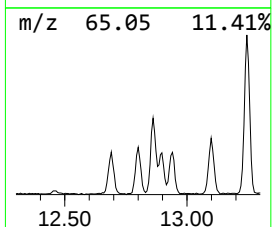
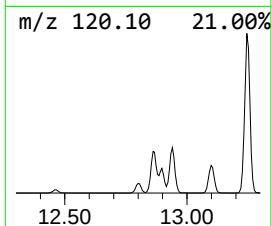
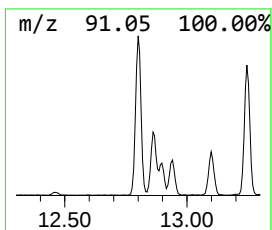
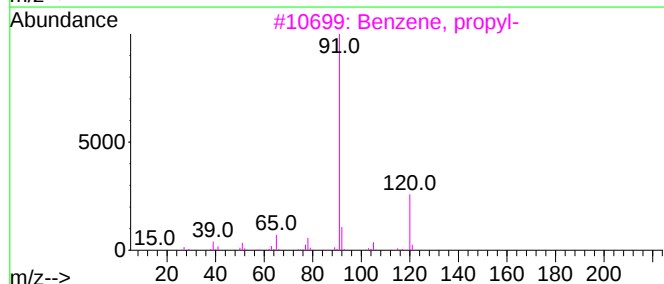
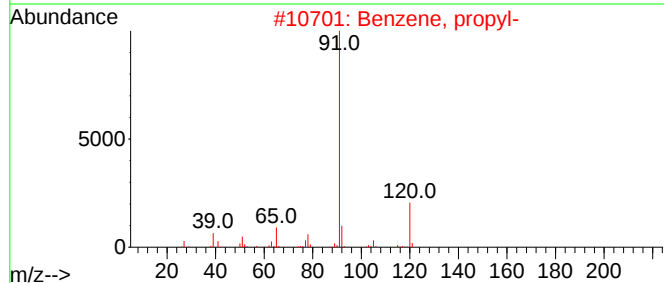
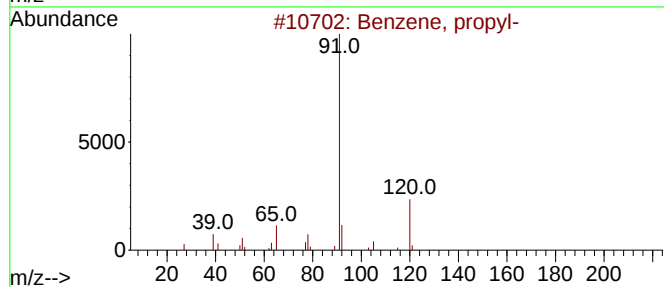
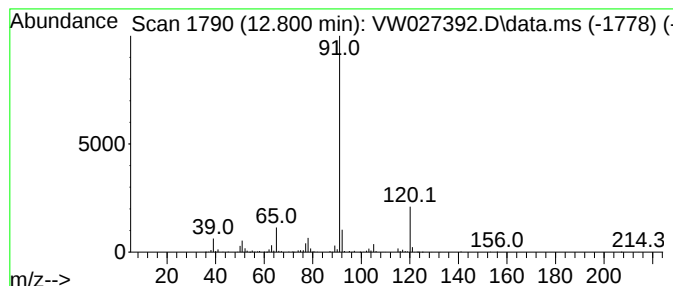
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	1.78 ug/L	187180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5			1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72



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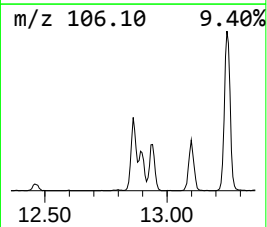
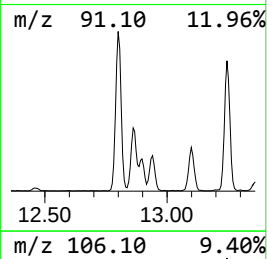
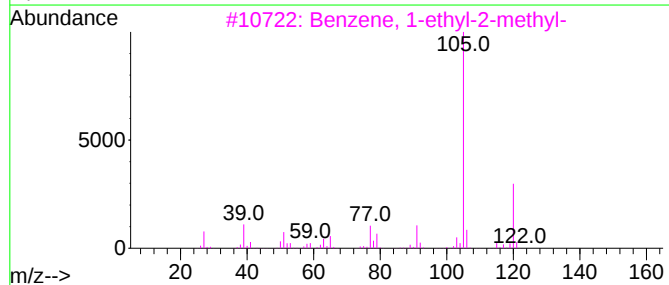
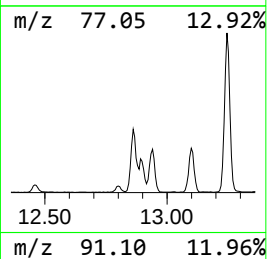
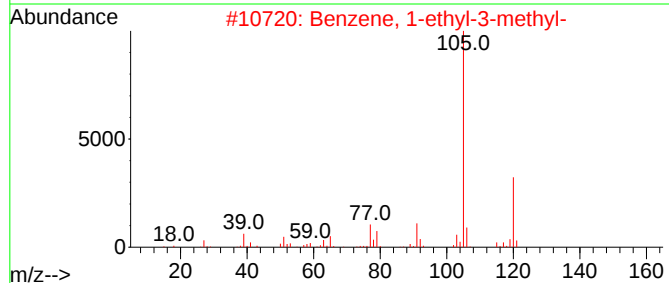
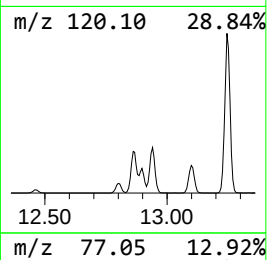
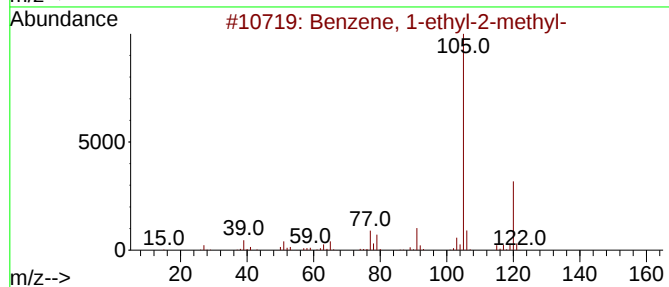
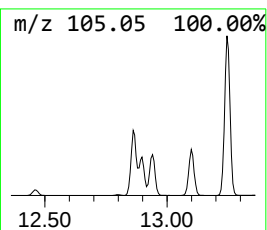
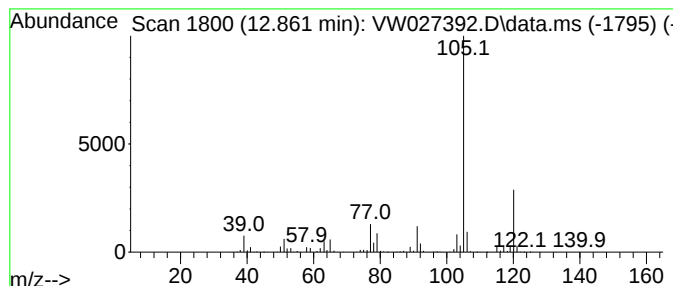
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	7.12 ug/L	749347	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

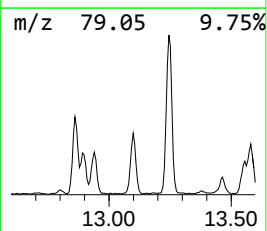
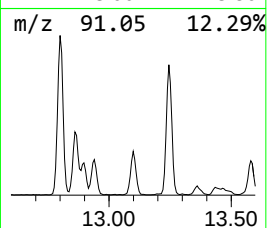
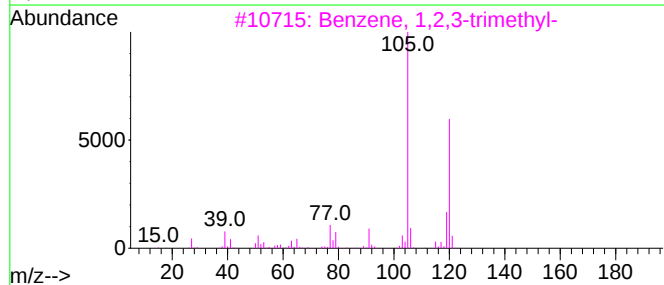
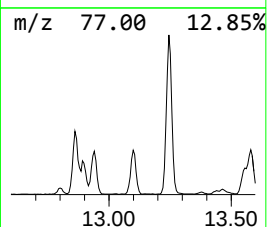
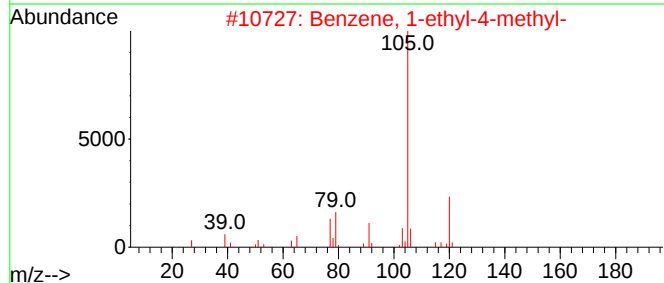
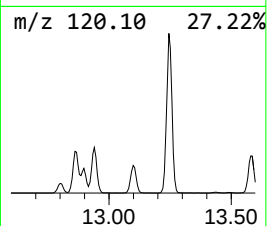
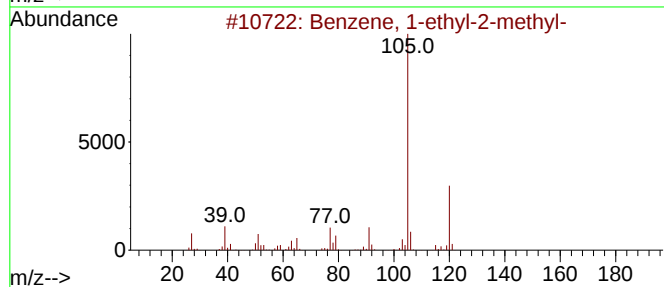
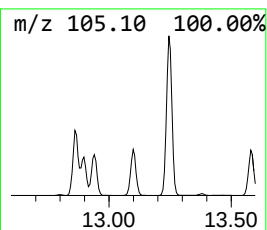
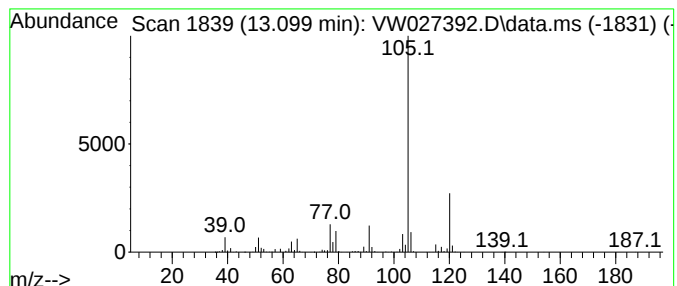
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	4.89 ug/L	514154	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

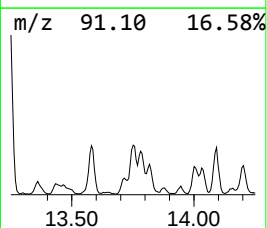
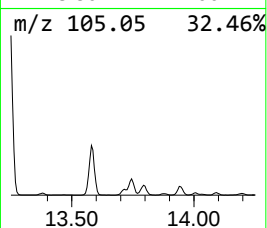
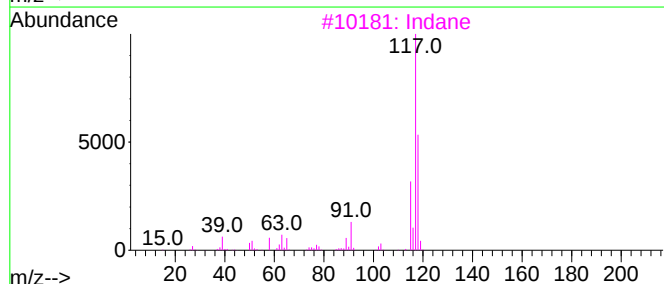
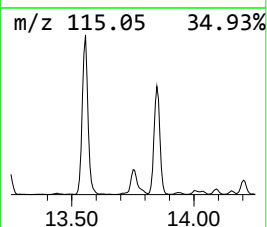
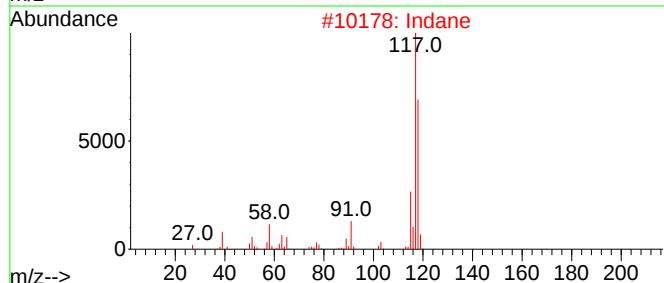
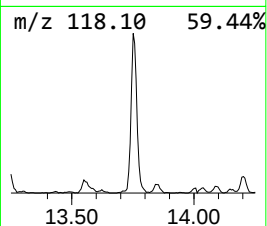
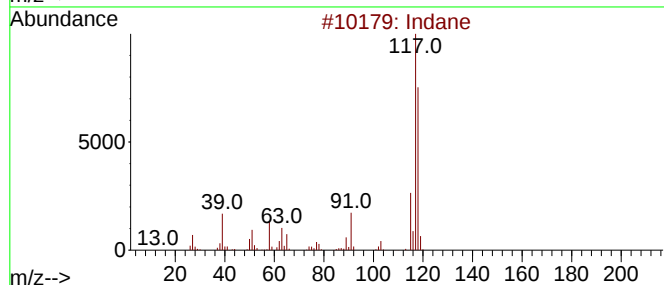
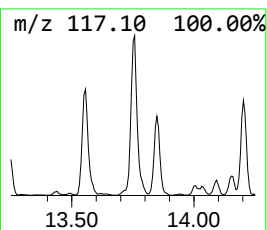
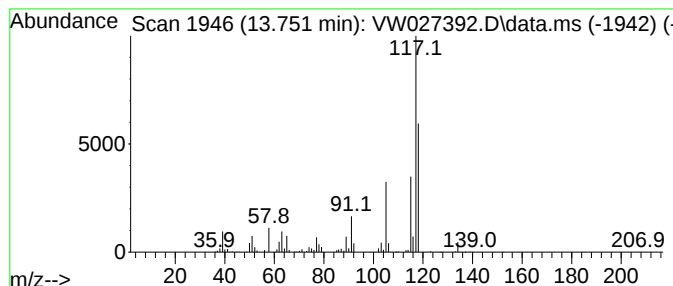
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Quant Title : SFAM01.0

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

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	3.78 ug/L	397933	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	92
2	Indane			118	C9H10	000496-11-7	70
3	Indane			118	C9H10	000496-11-7	64
4	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	62
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...			118	C9H10	1000191-13-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

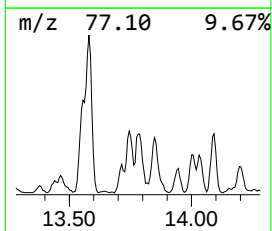
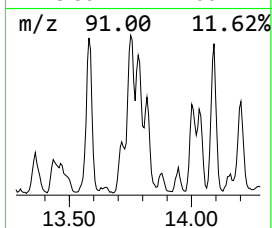
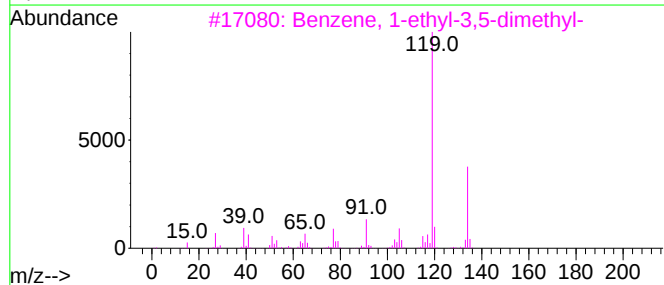
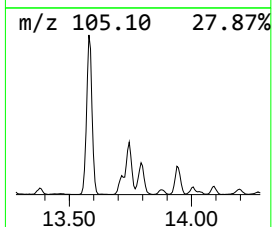
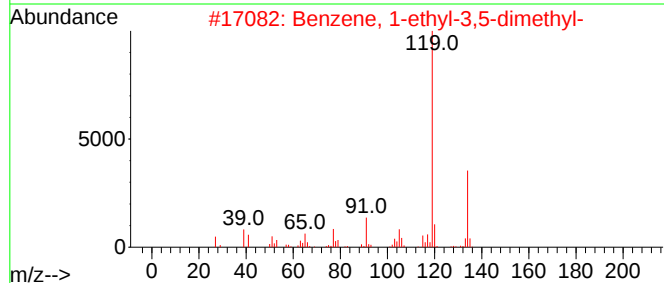
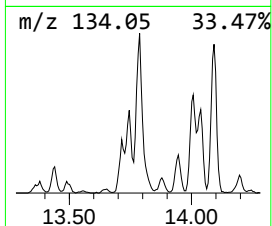
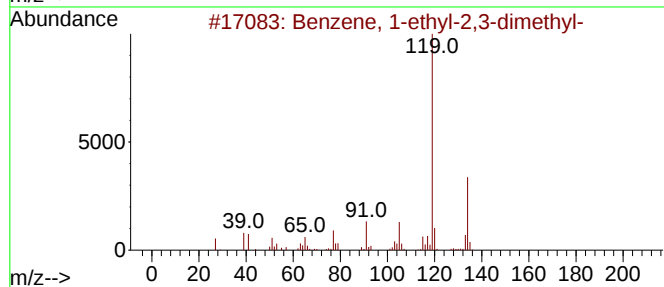
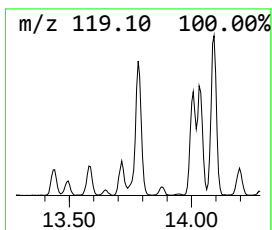
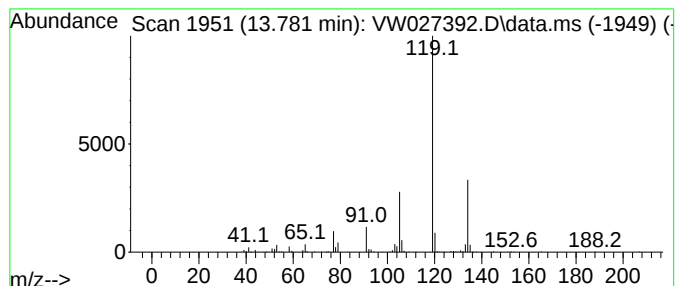
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	2.18 ug/L	229313	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

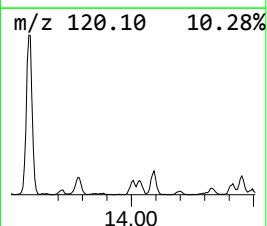
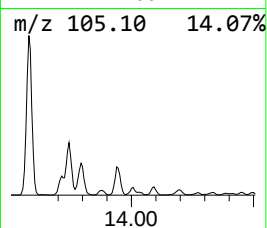
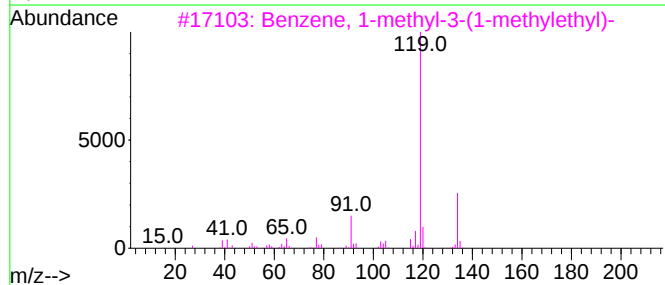
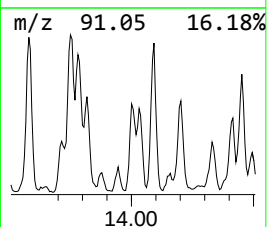
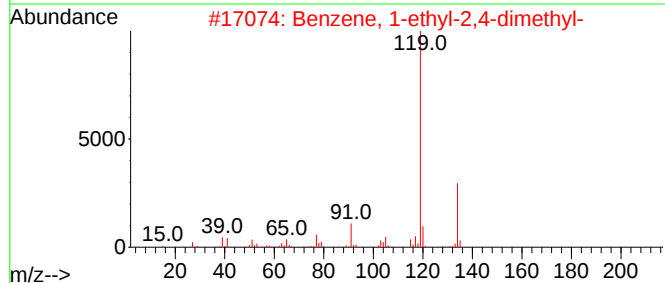
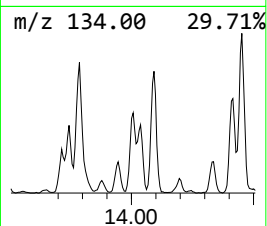
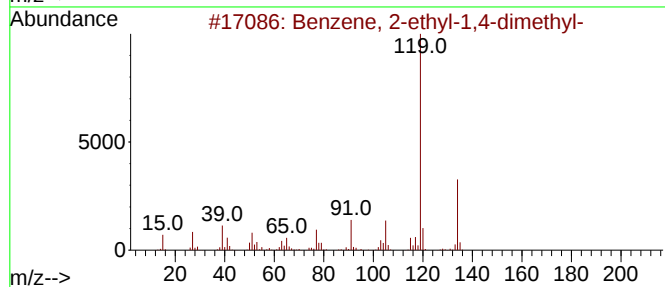
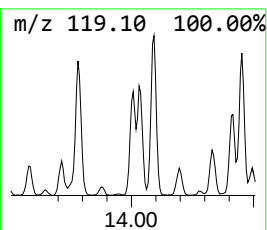
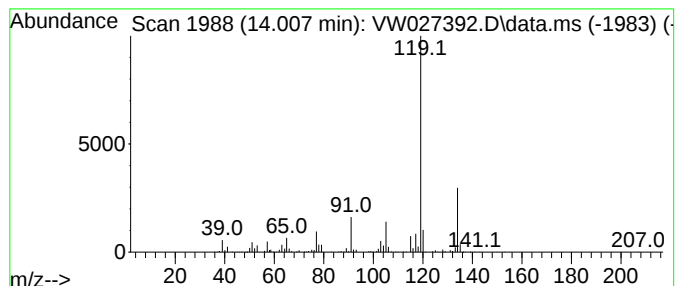
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.58 ug/L	166172	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

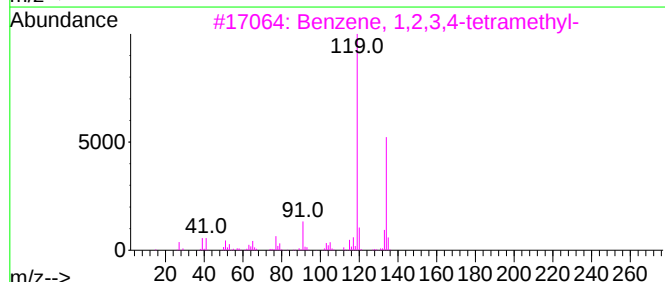
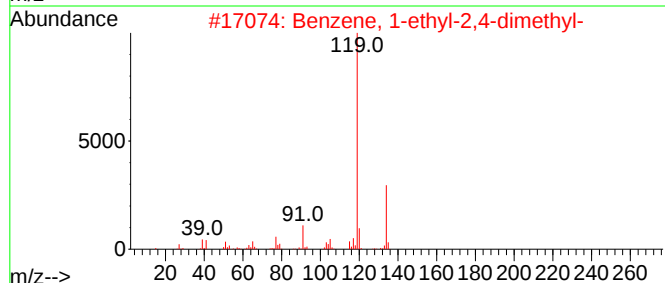
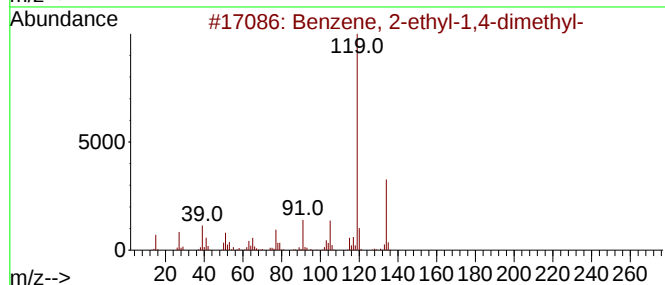
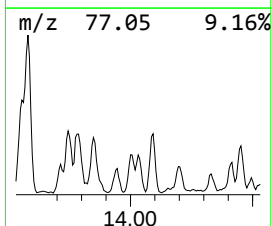
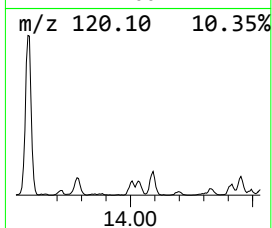
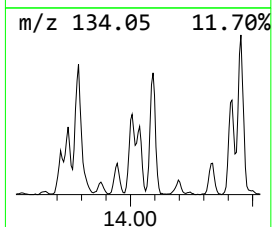
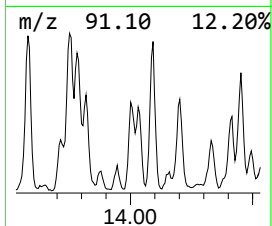
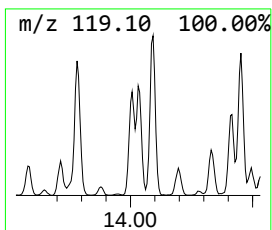
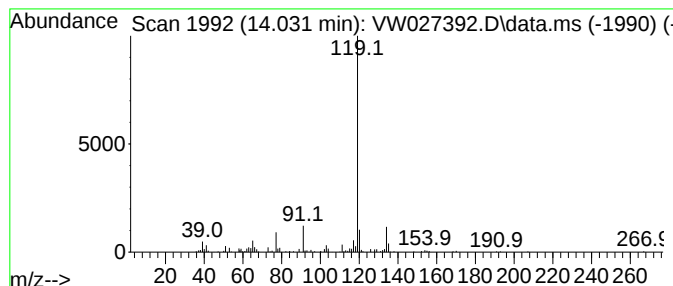
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	1.34 ug/L	141458	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

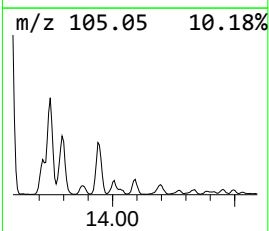
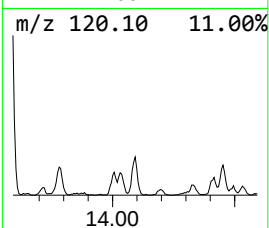
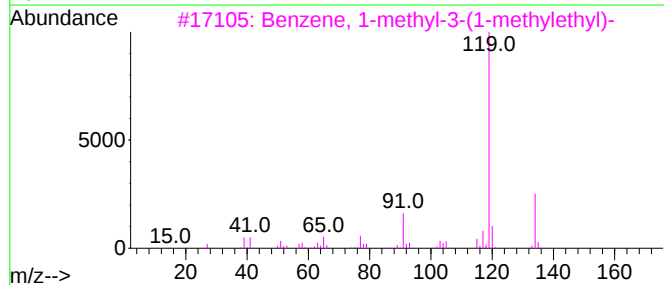
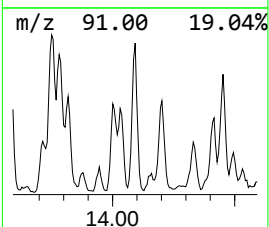
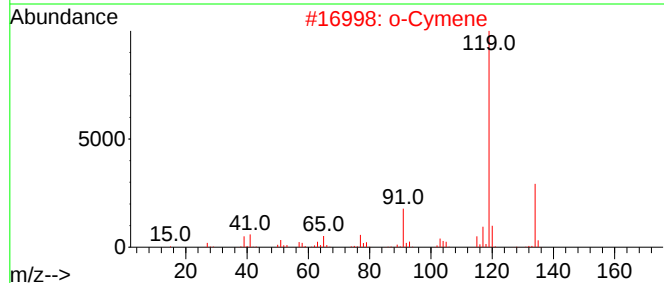
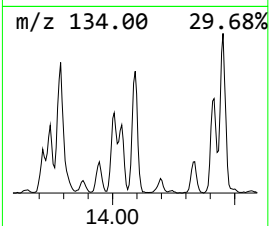
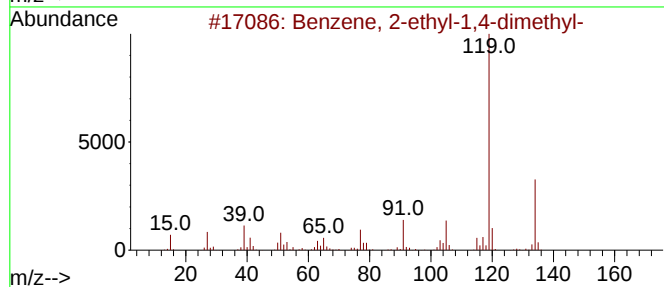
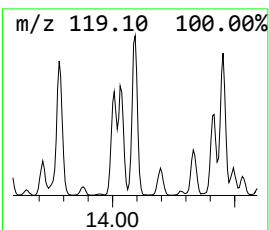
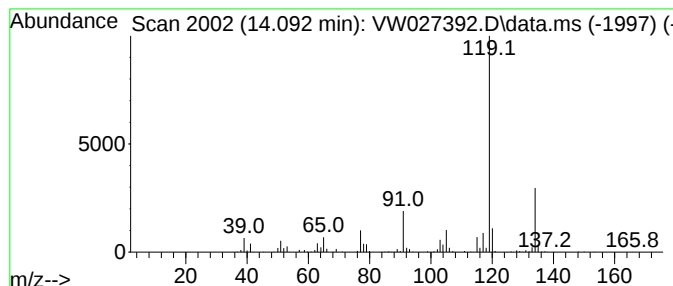
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Quant Title : SFAM01.0

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

Peak Number 10 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	2.39 ug/L	251852	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

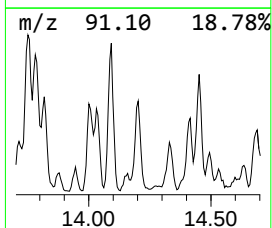
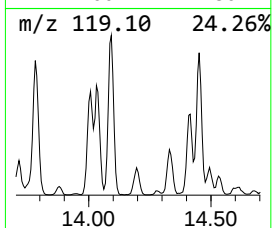
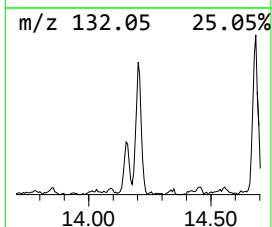
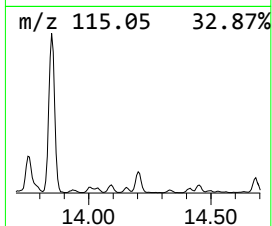
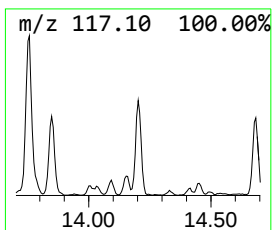
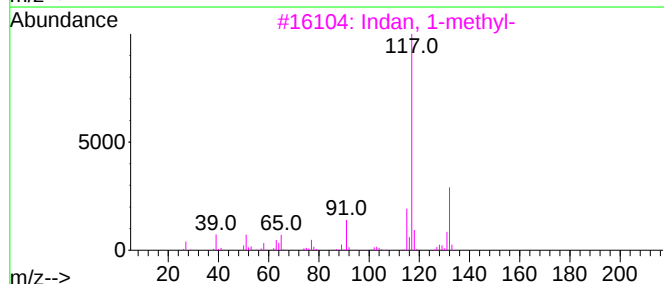
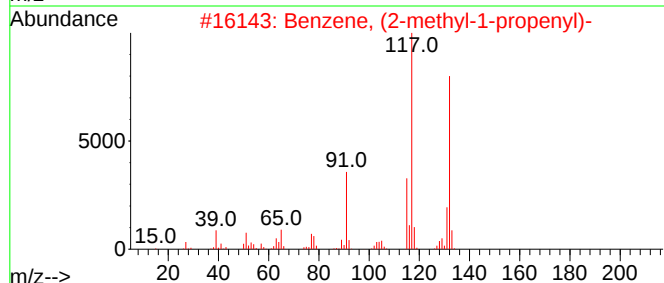
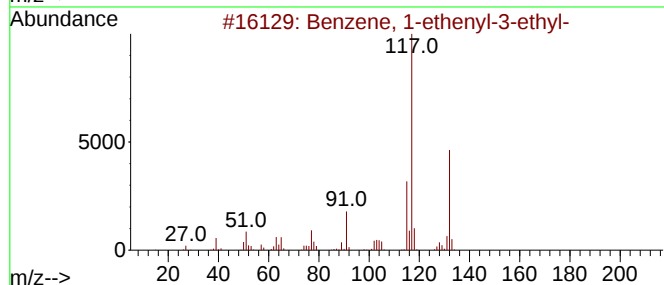
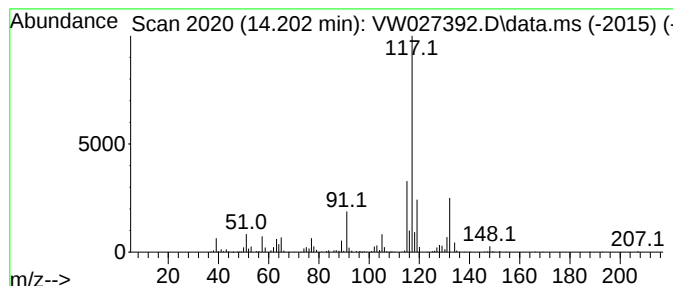
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	1.80 ug/L	188932	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3			Indan, 1-methyl-	132	C10H12	000767-58-8	81
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	74
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

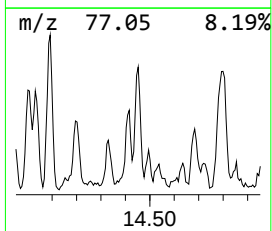
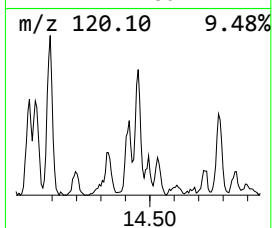
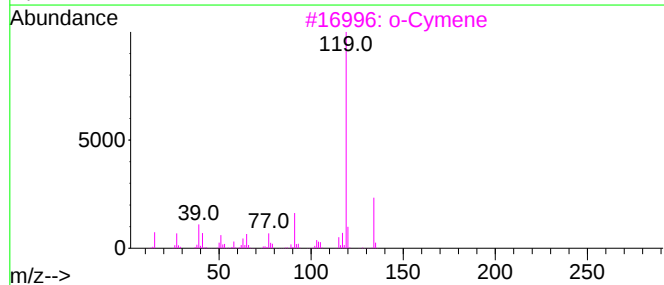
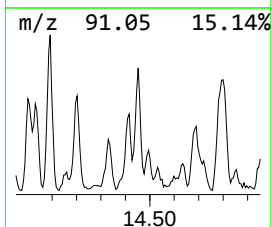
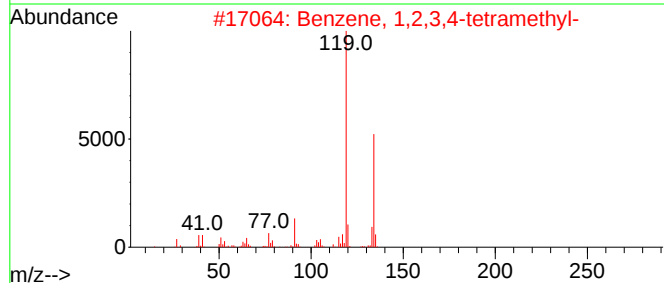
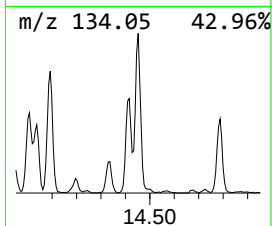
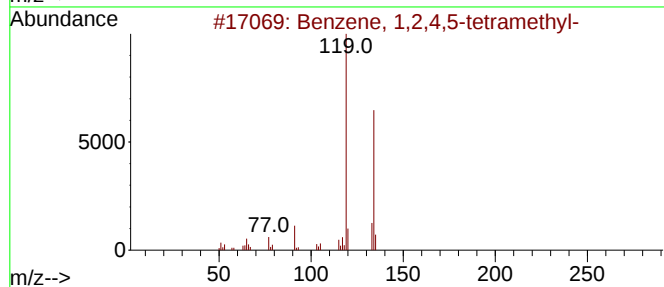
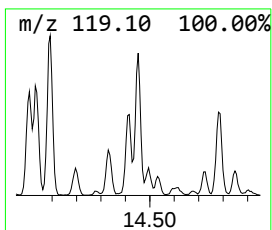
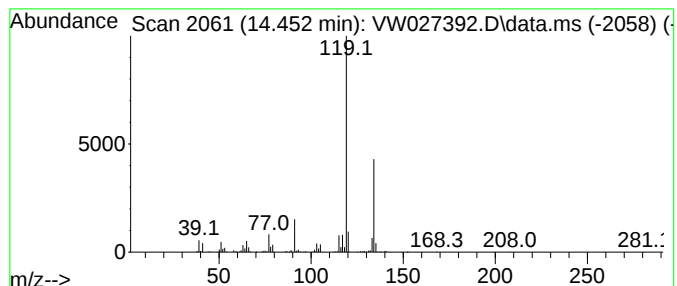
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	1.59 ug/L	167384	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

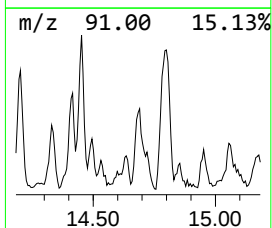
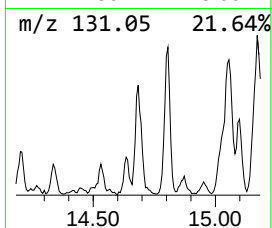
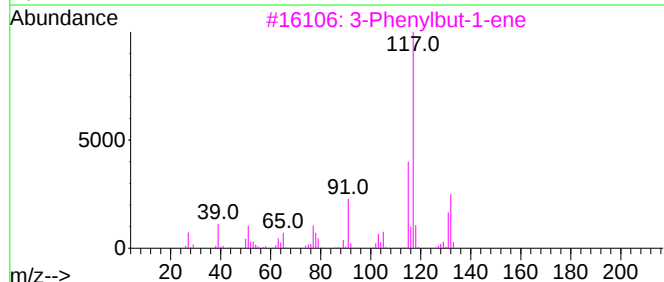
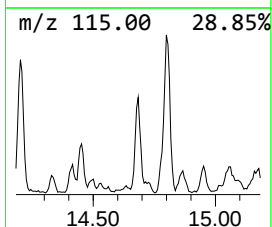
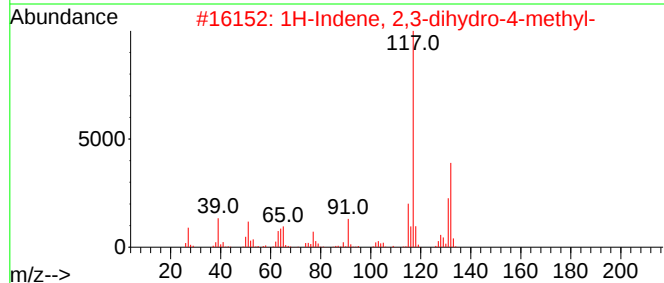
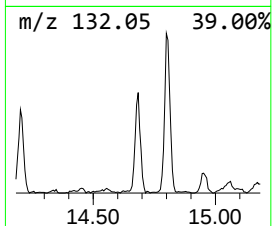
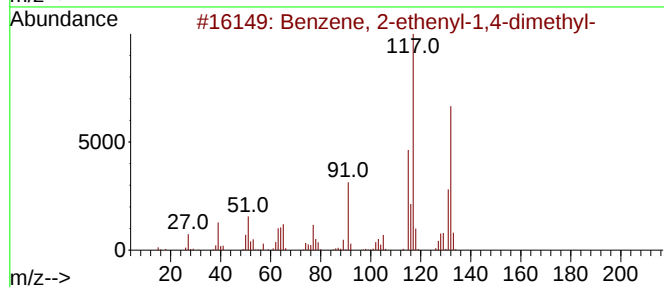
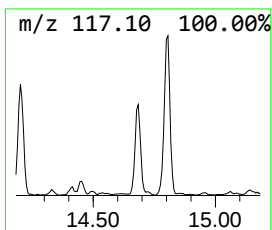
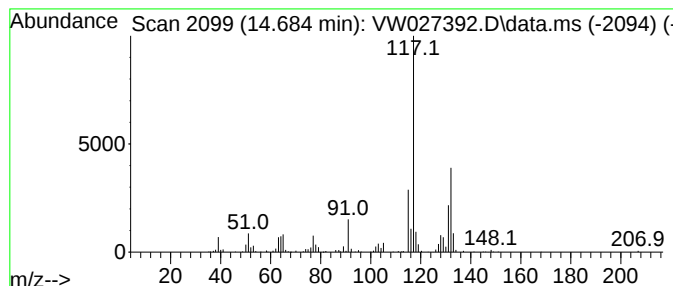
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	1.53 ug/L	160795	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAL6

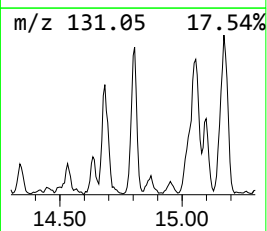
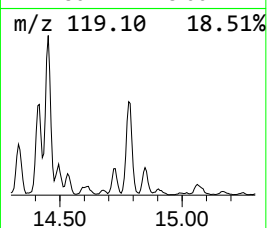
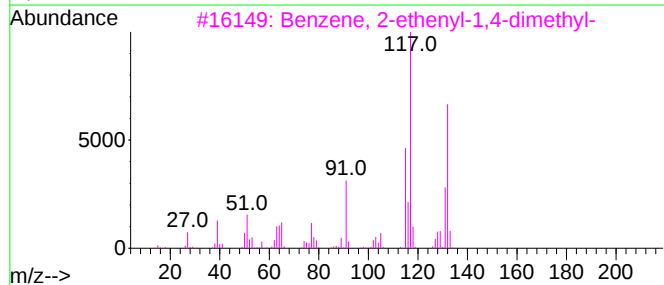
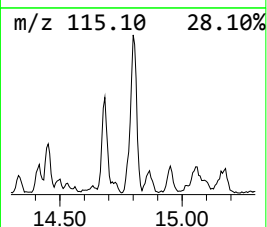
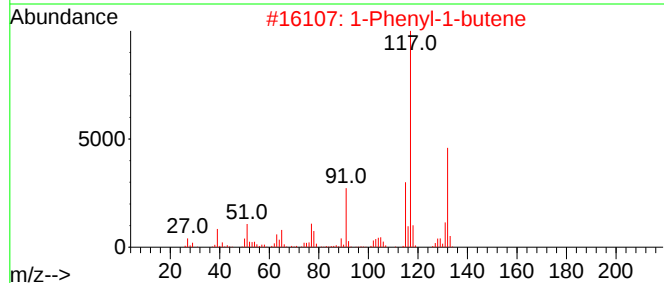
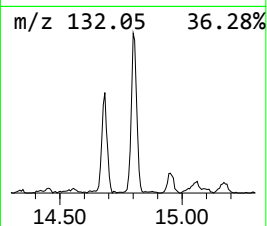
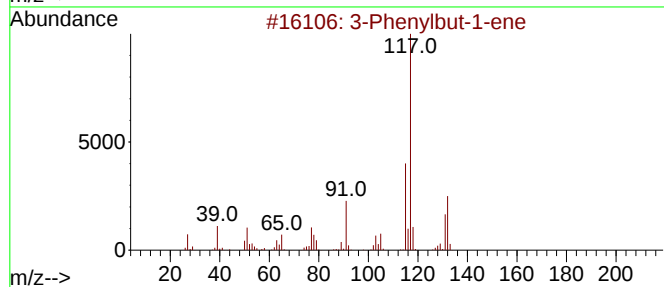
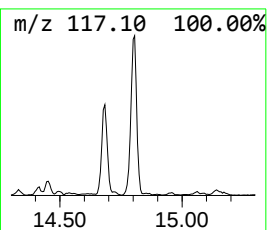
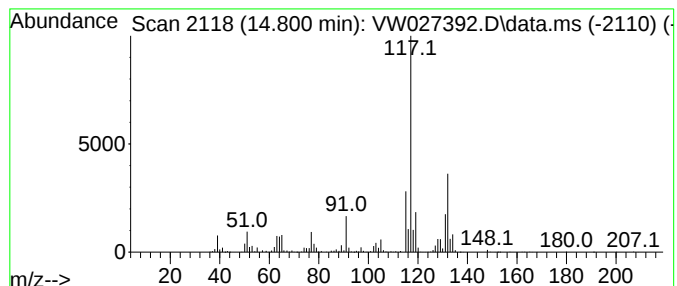
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Quant Title : SFAM01.0

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

Peak Number 14 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.800	4.18 ug/L	439891	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AL6

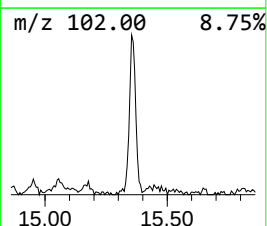
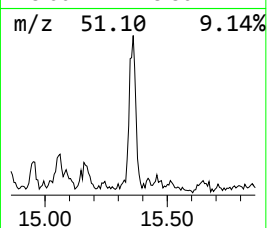
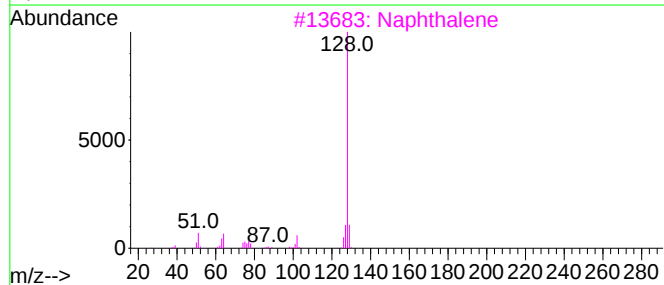
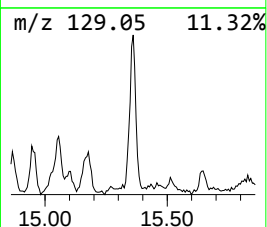
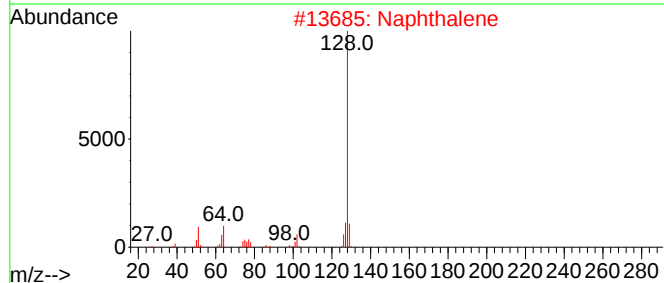
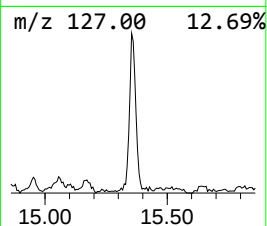
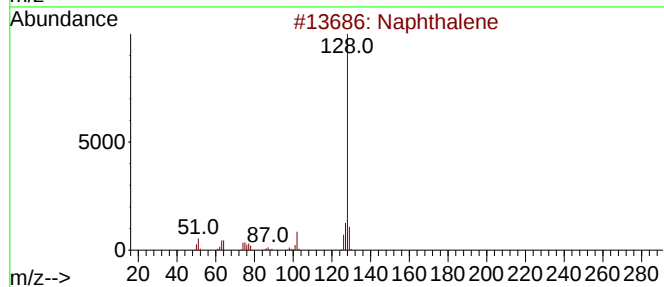
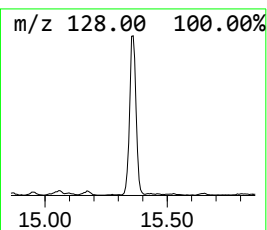
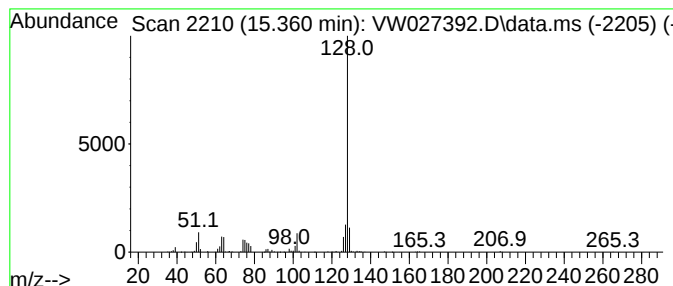
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Quant Title : SFAM01.0

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

Peak Number 15 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	1.49 ug/L	156568	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027392.D
Acq On : 23 Oct 2023 14:00
Operator : SY/MD
Sample : 04948-17
Misc : 5.34g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AL6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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
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Benzene, propyl-	12.800	1.8	ug/L	187180	3	13.556	2629840	25.0
Benzene, 1-ethy...	12.861	7.1	ug/L	749347	3	13.556	2629840	25.0
Benzene, 1-ethy...	13.099	4.9	ug/L	514154	3	13.556	2629840	25.0
Indane	13.751	3.8	ug/L	397933	3	13.556	2629840	25.0
Benzene, 1-ethy...	13.781	2.2	ug/L	229313	3	13.556	2629840	25.0
Benzene, 2-ethy...	14.007	1.6	ug/L	166172	3	13.556	2629840	25.0
Benzene, 1-ethy...	14.031	1.3	ug/L	141458	3	13.556	2629840	25.0
o-Cymene	14.092	2.4	ug/L	251852	3	13.556	2629840	25.0
Benzene, 1-ethe...	14.202	1.8	ug/L	188932	3	13.556	2629840	25.0
Benzene, 1,2,4,...	14.452	1.6	ug/L	167384	3	13.556	2629840	25.0
Benzene, 2-ethe...	14.684	1.5	ug/L	160795	3	13.556	2629840	25.0
3-Phenylbut-1-ene	14.800	4.2	ug/L	439891	3	13.556	2629840	25.0
Azulene	15.360	1.5	ug/L	156568	3	13.556	2629840	25.0