

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026491.D
 Acq On : 30 Jun 2023 23:36
 Operator : SY/MD
 Sample : 03444-22
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y3

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	44	53	57	rBV10	7931	24223	0.05%	0.014%
2	2.375	70	80	117	rVV	2383824	7154425	14.44%	4.235%
3	2.893	158	165	183	rVV2	125533	418687	0.84%	0.248%
4	3.789	300	312	336	rVV2	66830	261660	0.53%	0.155%
5	4.064	339	357	401	rVV4	983088	5188222	10.47%	3.071%
6	4.393	405	411	420	rVB2	10223	31344	0.06%	0.019%
7	4.923	487	498	509	rBV3	45019	211824	0.43%	0.125%
8	5.429	570	581	591	rBV3	60482	188845	0.38%	0.112%
9	5.941	654	665	675	rBV2	24809	75423	0.15%	0.045%
10	6.216	697	710	724	rBV	603854	1830101	3.69%	1.083%
11	7.075	843	851	856	rVV	98927	260178	0.53%	0.154%
12	7.167	856	866	894	rVB	3630443	9753371	19.68%	5.774%
13	7.648	932	945	960	rBV	494898	1258127	2.54%	0.745%
14	7.874	970	982	1002	rBV	4923248	12737700	25.70%	7.540%
15	8.038	1002	1009	1018	rVV	39594	98915	0.20%	0.059%
16	8.154	1018	1028	1036	rVV	75780	168467	0.34%	0.100%
17	8.276	1036	1048	1062	rVV2	1093174	3492297	7.05%	2.067%
18	8.398	1062	1068	1080	rVV2	80965	244607	0.49%	0.145%
19	8.502	1081	1085	1091	rVV4	23019	53297	0.11%	0.032%
20	8.569	1091	1096	1109	rVB3	33417	82326	0.17%	0.049%
21	8.691	1109	1116	1126	rVB	64636	132786	0.27%	0.079%
22	8.843	1129	1141	1153	rBV	1120860	2282006	4.61%	1.351%
23	9.087	1168	1181	1194	rBV4	151500	451134	0.91%	0.267%
24	9.270	1202	1211	1217	rBV	695958	1485044	3.00%	0.879%
25	9.331	1217	1221	1236	rVV	354996	774394	1.56%	0.458%
26	9.520	1245	1252	1257	rVV2	22349	45621	0.09%	0.027%
27	9.605	1257	1266	1272	rVV6	15615	35560	0.07%	0.021%
28	9.745	1282	1289	1297	rVB3	18931	45030	0.09%	0.027%
29	9.898	1304	1314	1318	rBV3	16906	35147	0.07%	0.021%
30	9.953	1318	1323	1328	rVV3	14389	25874	0.05%	0.015%
31	10.032	1328	1336	1343	rBV	364639	651630	1.32%	0.386%
32	10.087	1343	1345	1350	rVB4	16005	26458	0.05%	0.016%
33	10.318	1376	1383	1389	rVV	1444330	2661144	5.37%	1.575%
34	10.386	1389	1394	1402	rVV	1719438	2978003	6.01%	1.763%
35	10.501	1406	1413	1419	rVB3	63247	150854	0.30%	0.089%
36	10.575	1419	1425	1433	rBV	248649	433577	0.87%	0.257%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	10.660	1433	1439	1450	rBV2	108078	222344	0.45%	0.132%
38	10.757	1450	1455	1465	rVB2	87192	173398	0.35%	0.103%
39	10.861	1465	1472	1477	rBV	595227	1040764	2.10%	0.616%
40	10.922	1477	1482	1491	rVB	374140	621900	1.26%	0.368%
41	11.105	1507	1512	1514	rBV3	17419	27582	0.06%	0.016%
42	11.178	1519	1524	1528	rVV	168291	296538	0.60%	0.176%
43	11.227	1528	1532	1537	rVB	39700	63511	0.13%	0.038%
44	11.434	1561	1566	1572	rBV4	14671	26815	0.05%	0.016%
45	11.501	1572	1577	1583	rBV2	45335	71551	0.14%	0.042%
46	11.629	1590	1598	1608	rBV2	1511983	2800520	5.65%	1.658%
47	11.733	1608	1615	1624	rVB	2021312	3318304	6.70%	1.964%
48	11.830	1624	1631	1649	rVB	1542321	3051965	6.16%	1.807%
49	12.038	1659	1665	1672	rVB	23764	45460	0.09%	0.027%
50	12.166	1672	1686	1703	rBV	1251078	2260738	4.56%	1.338%
51	12.300	1703	1708	1709	rBV3	16814	22446	0.05%	0.013%
52	12.336	1709	1714	1719	rBV2	88807	150312	0.30%	0.089%
53	12.416	1724	1727	1730	rVV2	21664	32681	0.07%	0.019%
54	12.458	1730	1734	1742	rVB	154691	260275	0.53%	0.154%
55	12.556	1742	1750	1754	rBV	232255	382617	0.77%	0.226%
56	12.605	1754	1758	1765	rVB2	51654	94087	0.19%	0.056%
57	12.690	1765	1772	1779	rBV	614598	1019566	2.06%	0.604%
58	12.757	1779	1783	1785	rVV2	30115	47415	0.10%	0.028%
59	12.800	1785	1790	1795	rVV	347261	528967	1.07%	0.313%
60	12.861	1795	1800	1803	rVV	656985	1029240	2.08%	0.609%
61	12.897	1803	1806	1809	rVV	425889	662487	1.34%	0.392%
62	12.940	1809	1813	1823	rVB	627759	1014713	2.05%	0.601%
63	13.031	1823	1828	1832	rBV	34792	52740	0.11%	0.031%
64	13.098	1832	1839	1846	rVB	454120	748417	1.51%	0.443%
65	13.178	1846	1852	1857	rBV4	37439	84838	0.17%	0.050%
66	13.245	1857	1863	1874	rVB	1719560	2679107	5.41%	1.586%
67	13.379	1875	1885	1890	rVV2	795389	1957986	3.95%	1.159%
68	13.440	1890	1895	1899	rVV	182510	289960	0.59%	0.172%
69	13.495	1899	1904	1908	rVV	241398	359090	0.72%	0.213%
70	13.556	1908	1914	1925	rVV2	1242751	2619434	5.29%	1.551%
71	13.647	1925	1929	1933	rVV2	50200	71745	0.14%	0.042%
72	13.714	1933	1940	1948	rVV	32520959	49553529	100.00%	29.334%
73	13.793	1948	1953	1960	rVV	13134223	21297115	42.98%	12.607%
74	13.879	1960	1967	1973	rVV3	3799037	7413794	14.96%	4.389%
75	13.946	1973	1978	1983	rVV	279183	438136	0.88%	0.259%
76	14.007	1983	1988	1990	rVV	332890	519301	1.05%	0.307%

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 Title : SFAM01.0

77	14.037	1990	1993	1997	rVV	411724	621500	1.25%	0.368%
78	14.092	1997	2002	2006	rVV	575154	883337	1.78%	0.523%
79	14.129	2006	2008	2010	rVV	71891	93302	0.19%	0.055%
80	14.202	2014	2020	2025	rVV3	388242	751150	1.52%	0.445%
81	14.269	2025	2031	2035	rVV6	51753	138466	0.28%	0.082%
82	14.330	2035	2041	2046	rVV3	134866	250471	0.51%	0.148%
83	14.379	2046	2049	2051	rVV3	68135	99047	0.20%	0.059%
84	14.415	2051	2055	2058	rVV	139202	237777	0.48%	0.141%
85	14.452	2058	2061	2065	rVV	237911	335264	0.68%	0.198%
86	14.495	2065	2068	2072	rVV2	136999	193697	0.39%	0.115%
87	14.537	2072	2075	2082	rVV5	42331	88040	0.18%	0.052%
88	14.629	2082	2090	2095	rVV5	33328	95732	0.19%	0.057%
89	14.684	2095	2099	2103	rVV3	66211	111423	0.22%	0.066%
90	14.726	2103	2106	2110	rVB	62328	83557	0.17%	0.049%
91	14.787	2110	2116	2123	rBV2	200081	438918	0.89%	0.260%
92	14.854	2123	2127	2134	rVB4	31312	60250	0.12%	0.036%
93	14.952	2138	2143	2148	rBV	85363	136716	0.28%	0.081%
94	15.062	2156	2161	2165	rBV4	32344	62317	0.13%	0.037%
95	15.159	2173	2177	2187	rVB5	51232	130087	0.26%	0.077%
96	15.360	2204	2210	2216	rVB	308486	529123	1.07%	0.313%
97	15.464	2222	2227	2231	rBV6	16736	37874	0.08%	0.022%
98	15.720	2266	2269	2276	rVB9	10873	21675	0.04%	0.013%
99	16.433	2380	2386	2399	rVB	83521	188095	0.38%	0.111%
100	16.634	2412	2419	2430	rVB	98676	241536	0.49%	0.143%

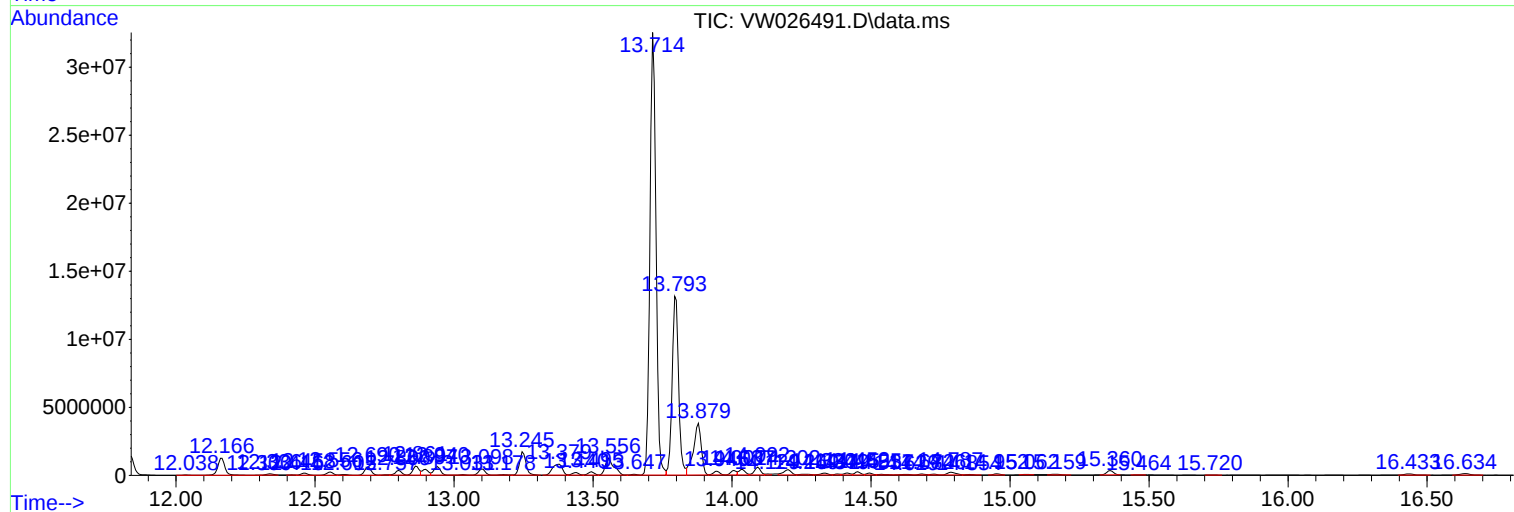
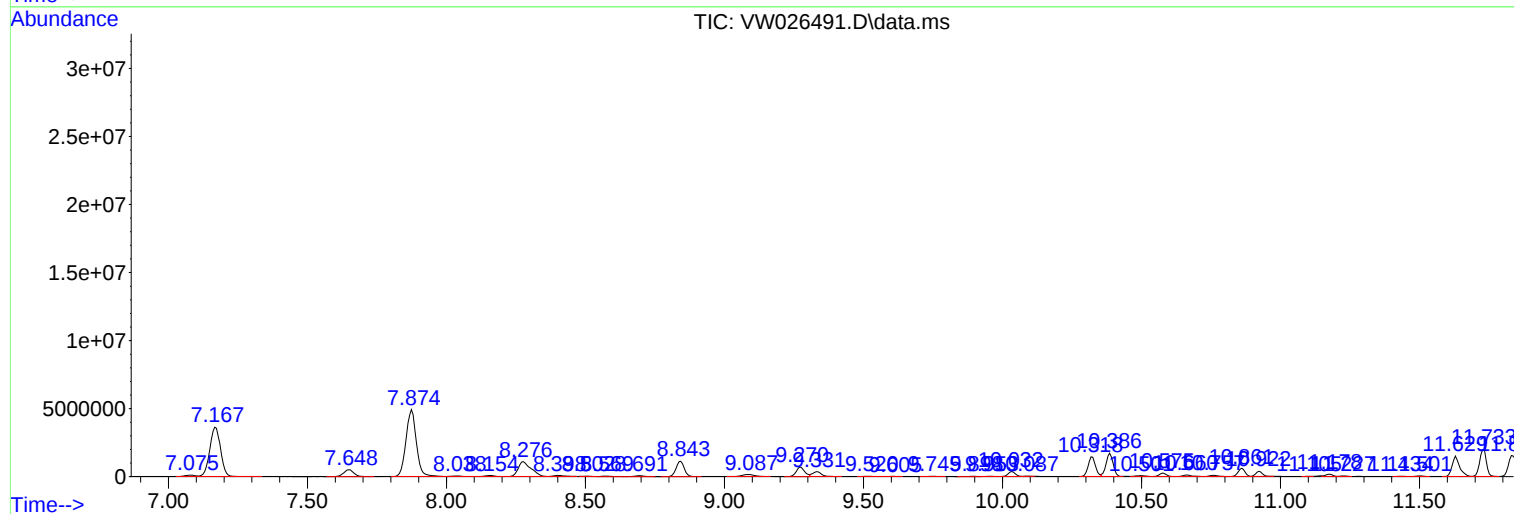
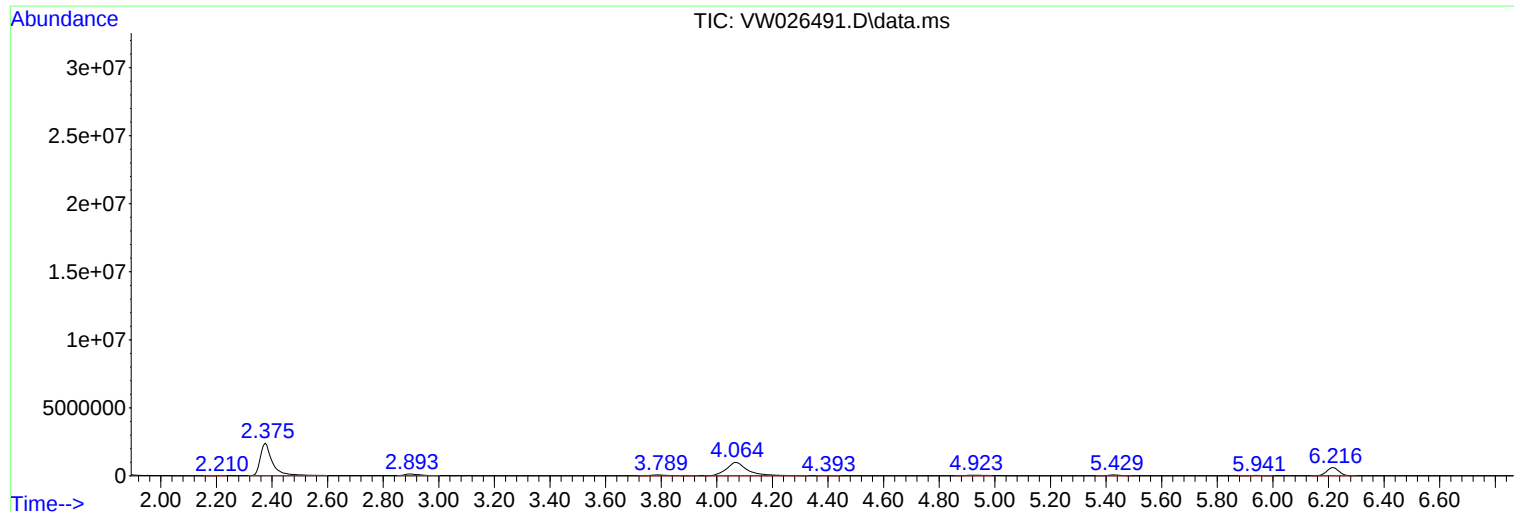
Sum of corrected areas: 168929043

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Instrument :
MSVOA_W
ClientSampleId :
A46Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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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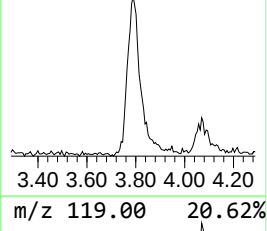
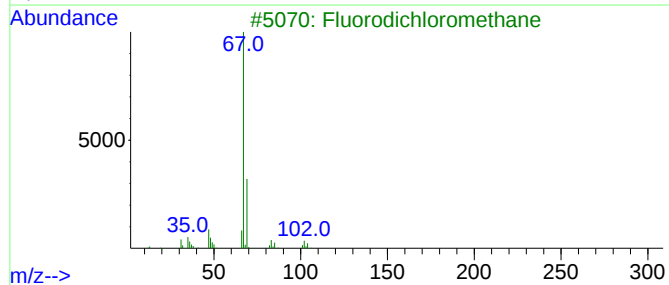
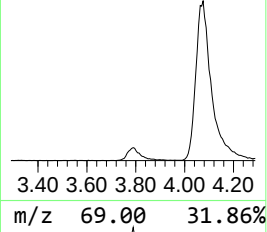
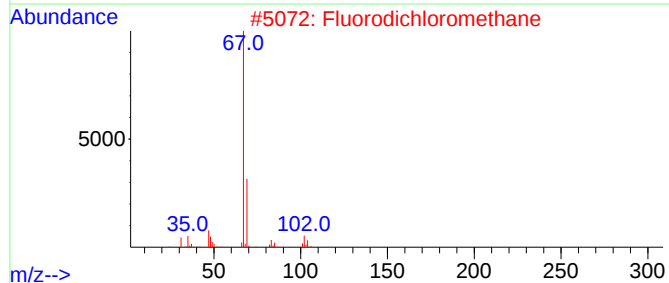
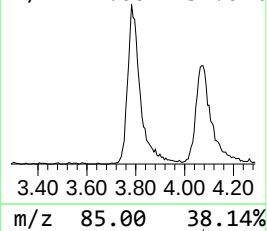
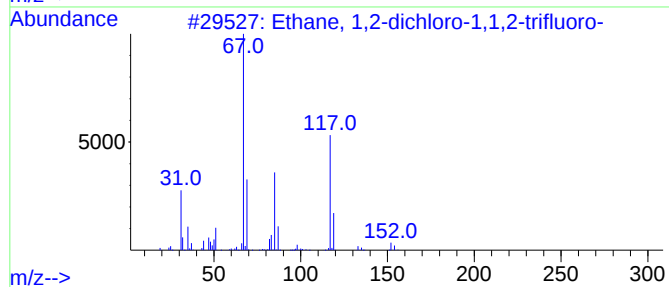
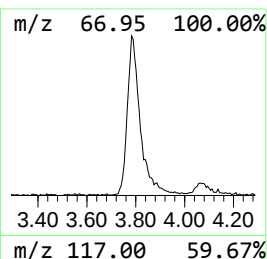
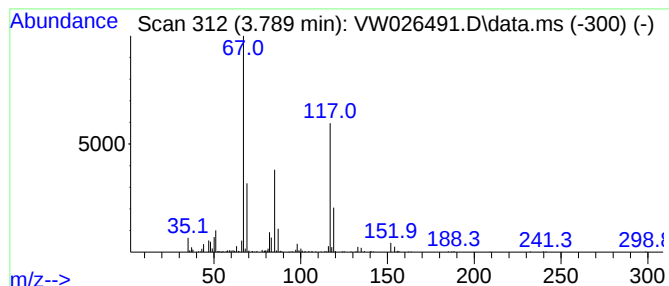
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	2.87 ug/L	261660	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	94
2			Fluorodichloromethane	102	CHCl2F	000075-43-4	25
3			Fluorodichloromethane	102	CHCl2F	000075-43-4	25
4			Propane, 1,3-dichloro-1,1,2,2,3-...	202	C3HCl2F5	000507-55-1	22
5			2,4-Dichloro-1,1,2,3,3,4-hexaflu...	272	C2Cl2F6S2	1000138-41-0	16



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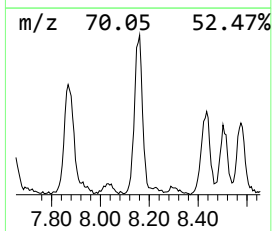
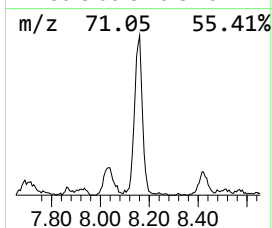
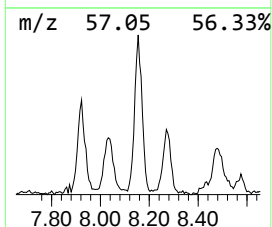
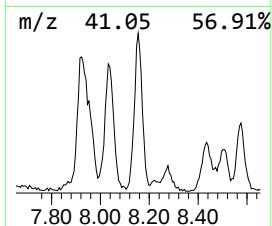
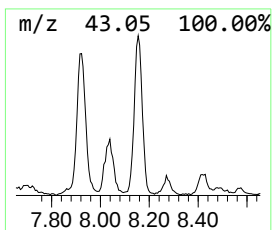
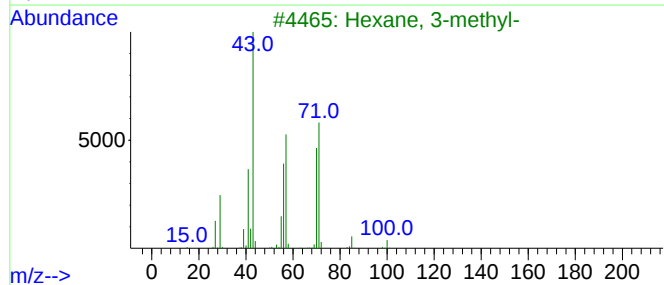
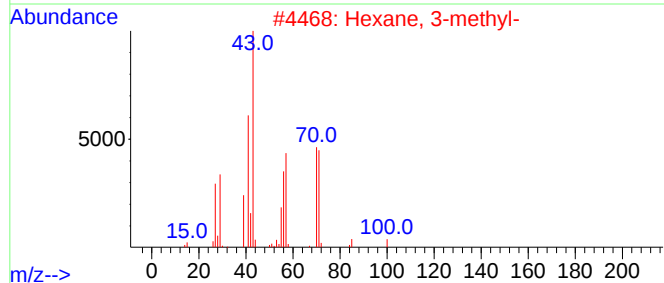
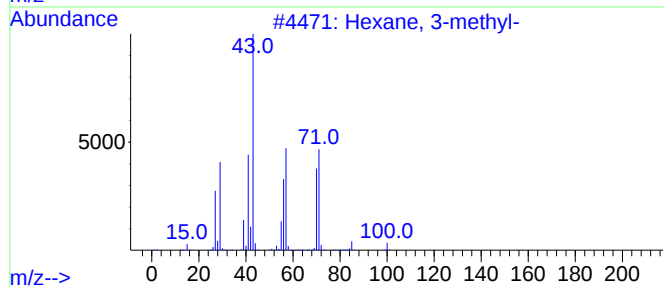
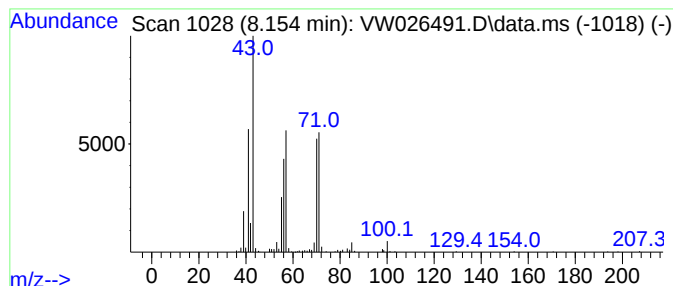
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	1.85 ug/L	168467	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
4	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	64
5	Decane, 3,3,4-trimethyl-		184	C13H28	049622-18-6	53



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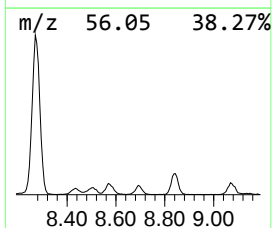
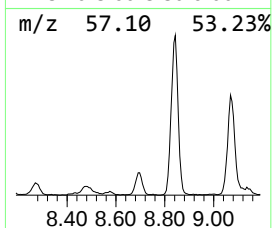
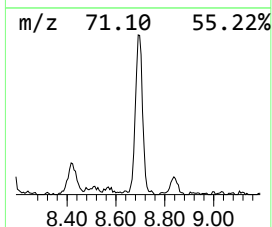
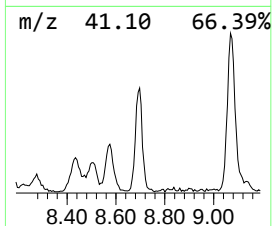
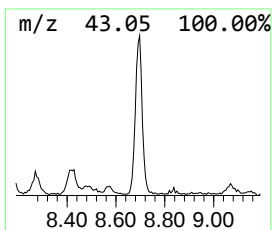
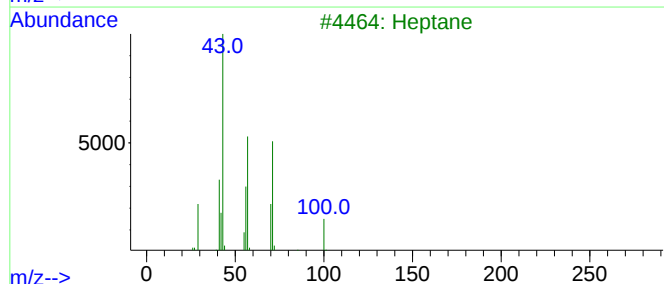
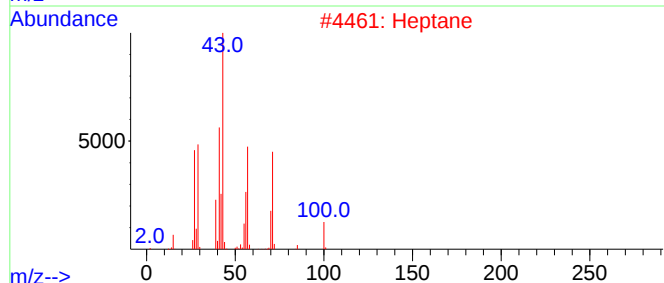
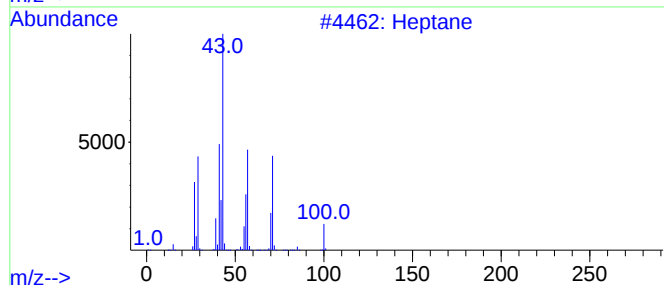
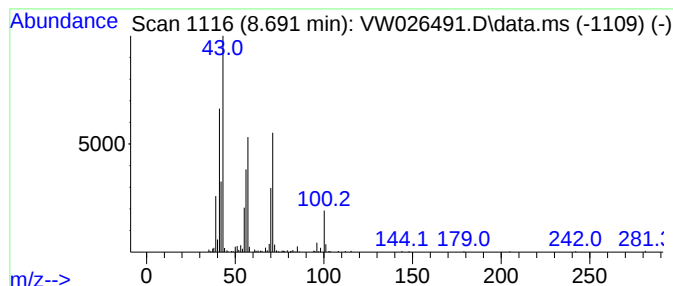
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	1.45 ug/L	132786	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	83
2	Heptane			100	C7H16	000142-82-5	80
3	Heptane			100	C7H16	000142-82-5	80
4	Heptane			100	C7H16	000142-82-5	49
5	Acetaldehyde, propylhydrazone			100	C5H12N2	007422-88-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

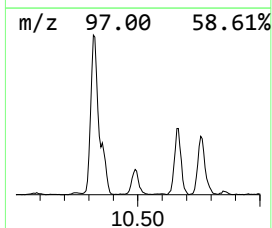
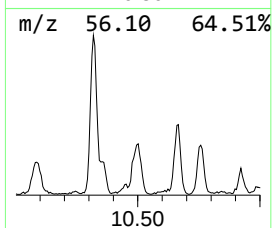
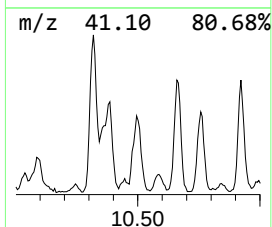
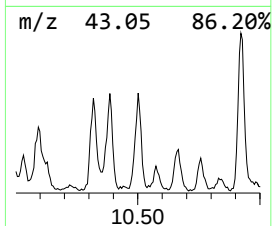
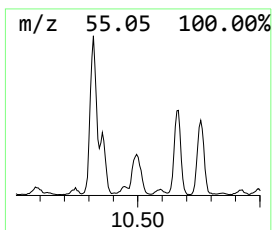
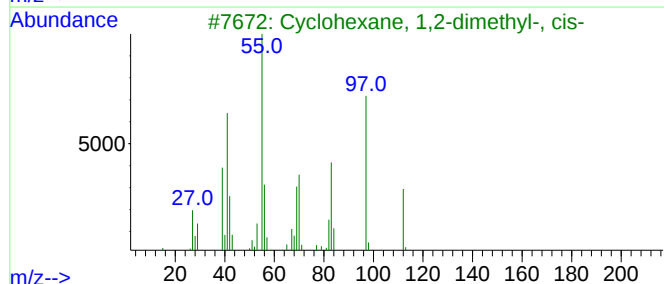
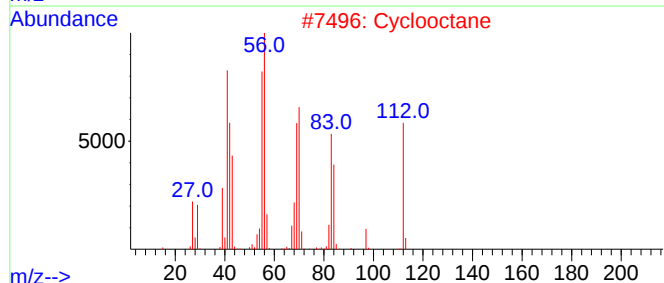
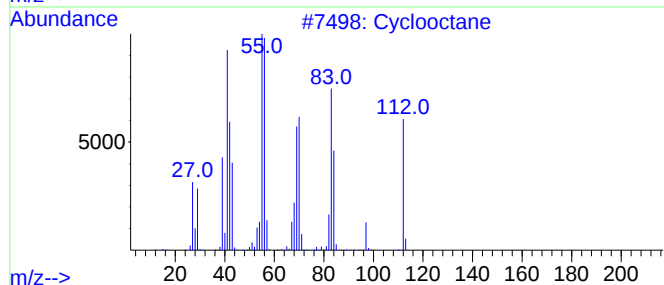
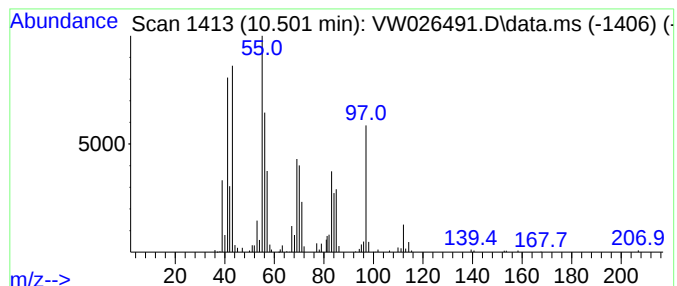
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic10.501 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	1.35 ug/L	150854	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane	112	C8H16	000292-64-8	60
2			Cyclooctane	112	C8H16	000292-64-8	60
3			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
4			Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	55
5			Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

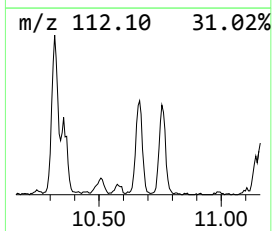
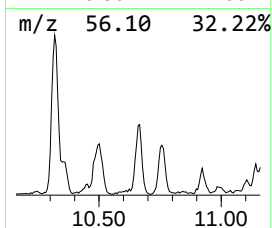
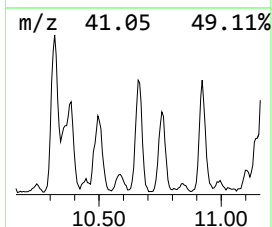
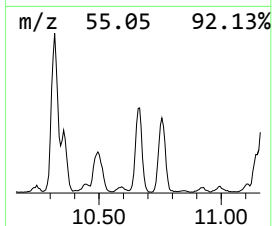
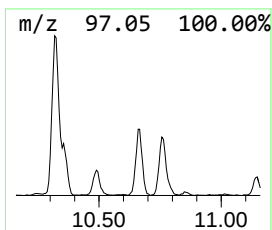
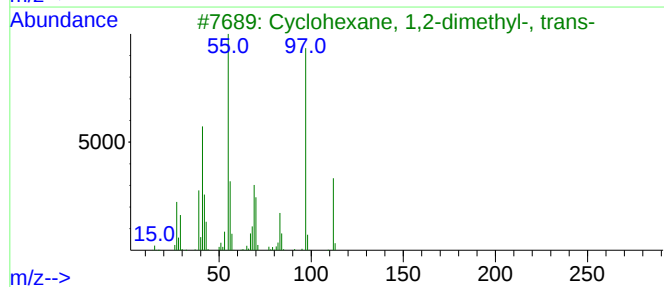
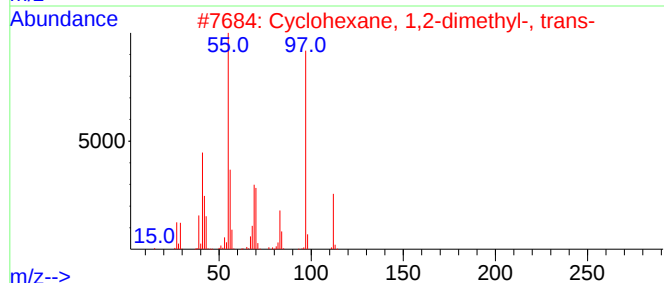
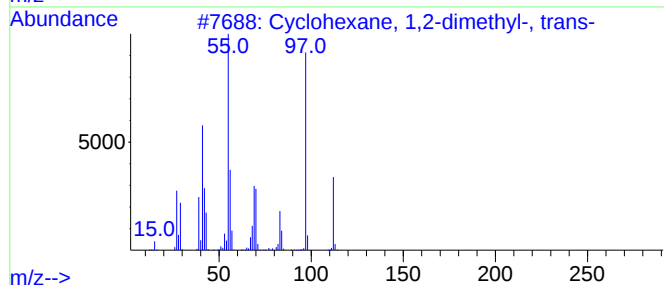
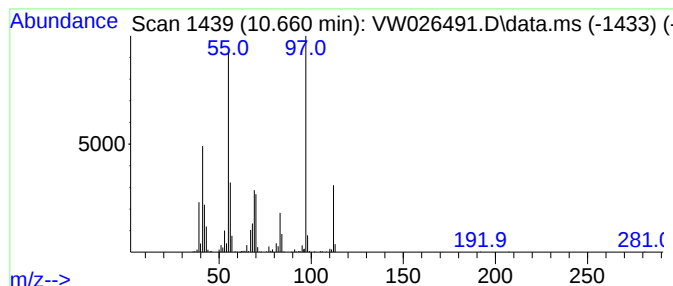
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic10.660 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	1.98 ug/L	222344	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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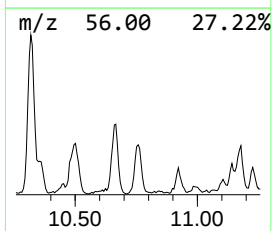
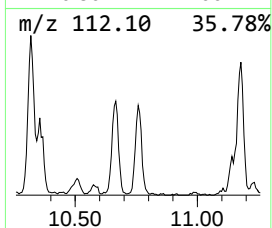
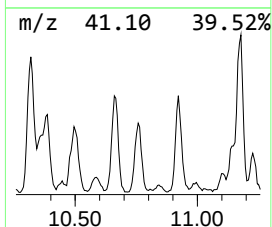
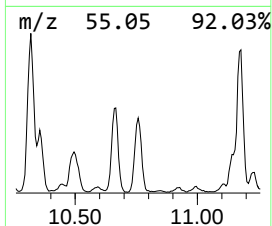
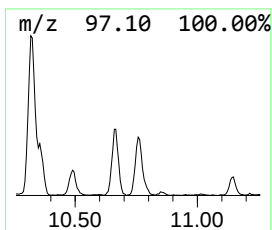
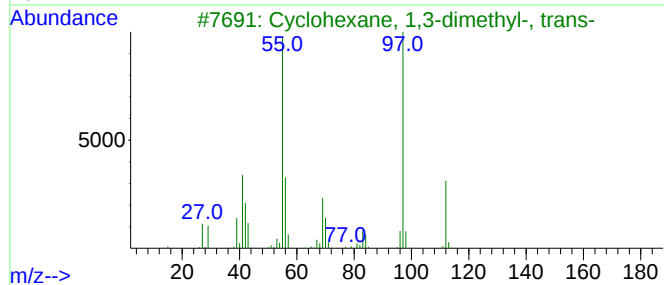
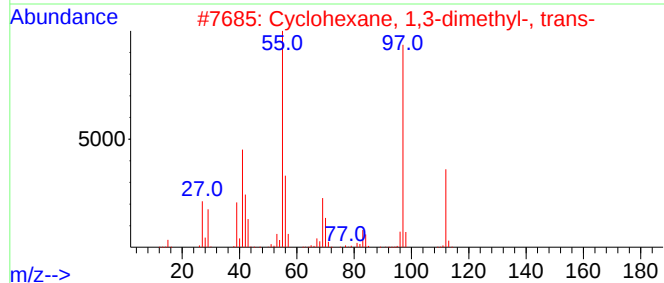
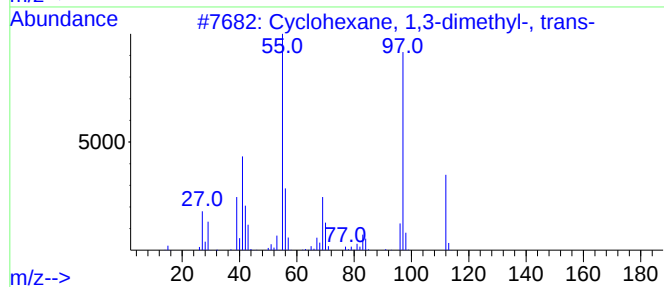
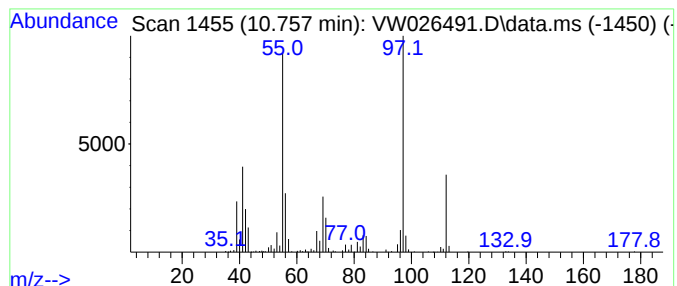
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic10.757 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	1.55 ug/L	173398	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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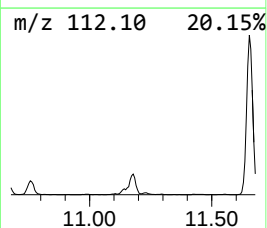
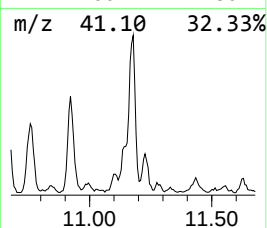
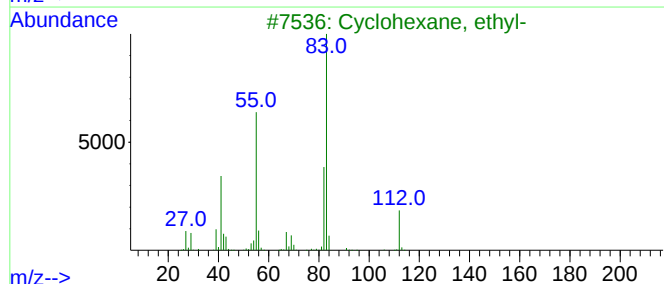
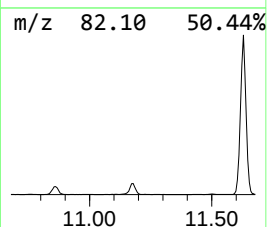
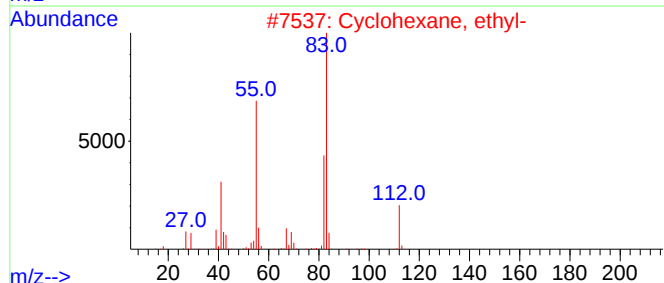
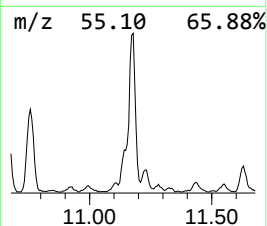
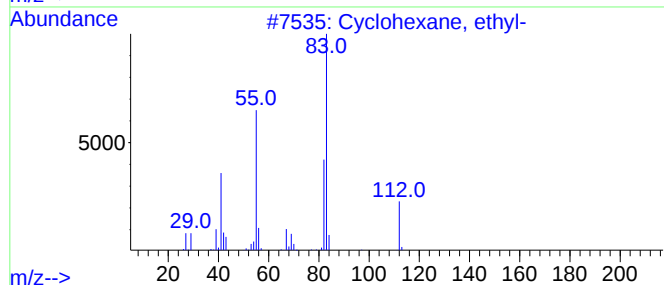
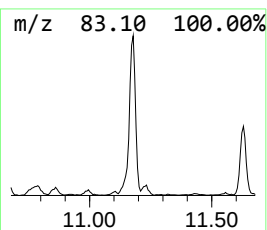
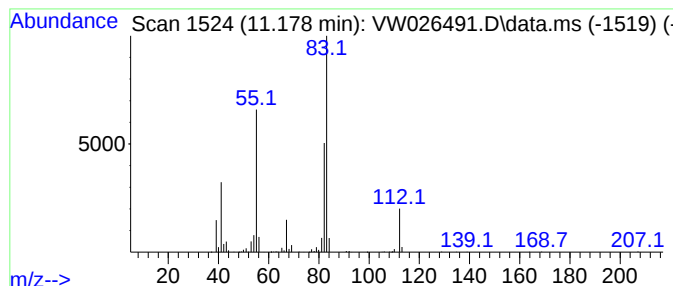
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.178 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	2.65 ug/L	296538	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	70
5			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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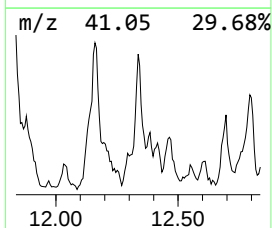
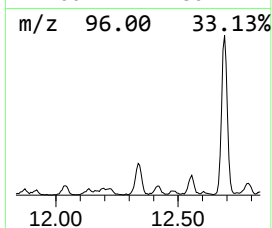
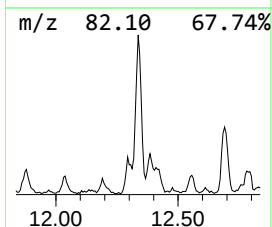
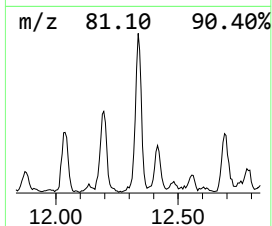
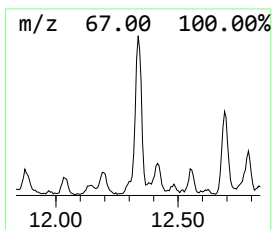
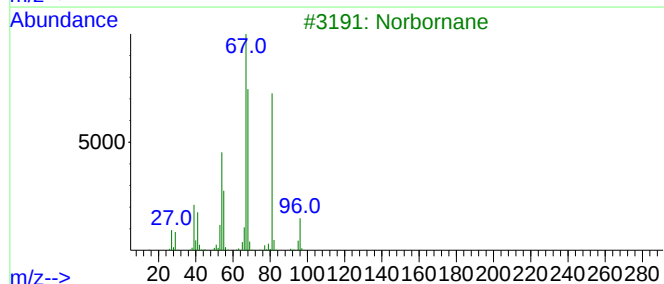
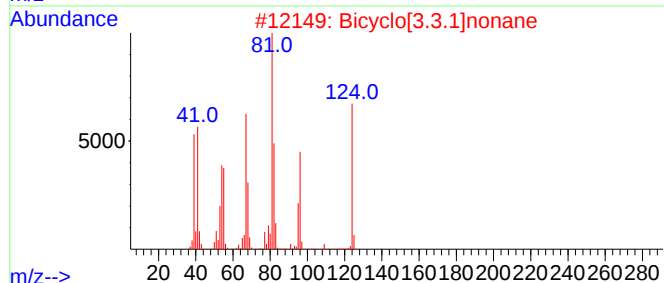
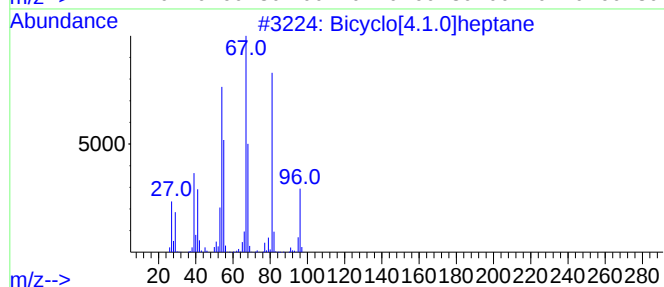
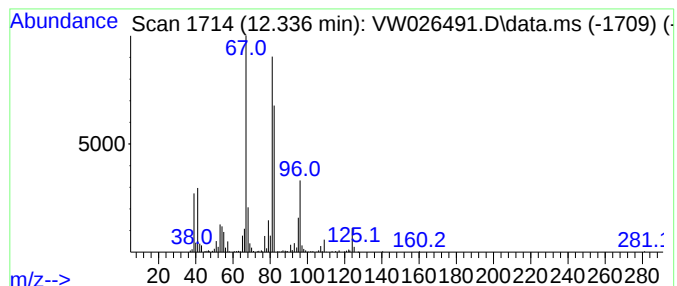
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Quant Title : SFAM01.0

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

Peak Number 9 Bicyclo[4.1.0]heptane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	1.34 ug/L	150312	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	64
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
3			Norbornane	96	C7H12	000279-23-2	53
4			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
5			1-Methylcyclooctene	124	C9H16	000933-11-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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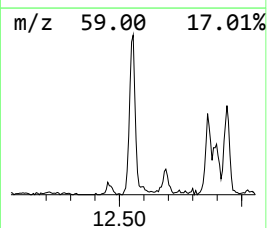
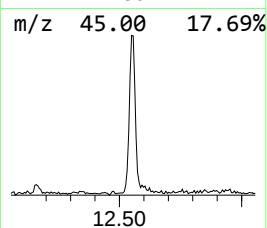
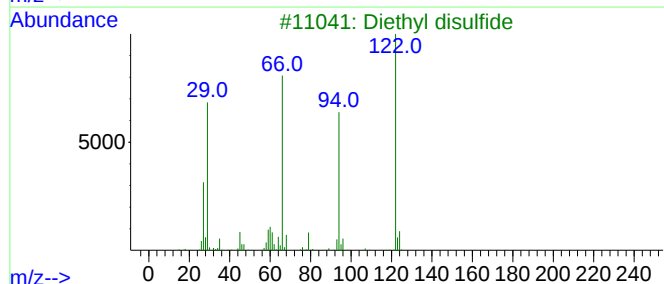
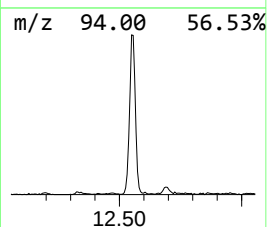
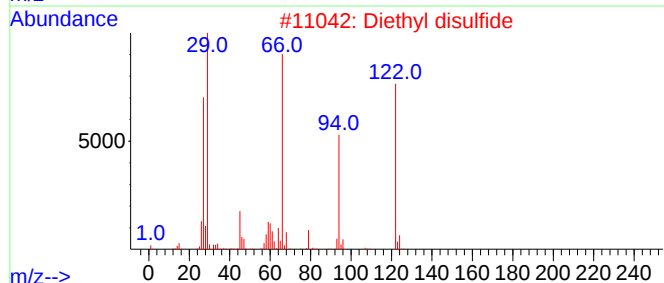
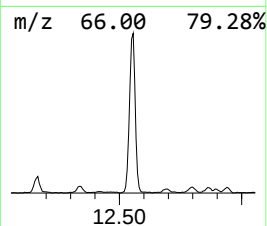
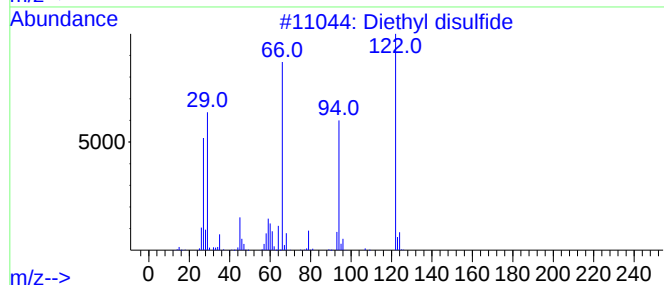
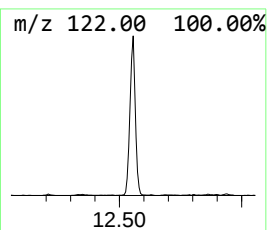
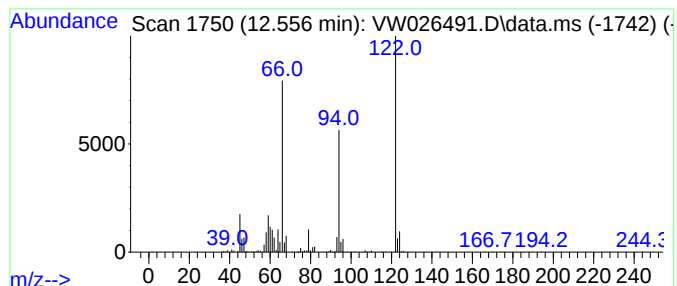
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Quant Title : SFAM01.0

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

Peak Number 10 Diethyl disulfide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.556	3.42 ug/L	382617	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyl disulfide	122	C4H10S2	000110-81-6	95
2			Diethyl disulfide	122	C4H10S2	000110-81-6	94
3			Diethyl disulfide	122	C4H10S2	000110-81-6	91
4			Benzene, ethoxy-	122	C8H10O	000103-73-1	50
5			2-Propenal, 3-(2-furanyl)-	122	C7H6O2	000623-30-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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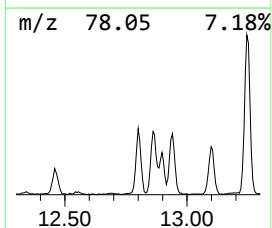
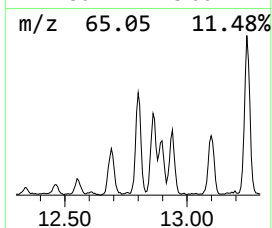
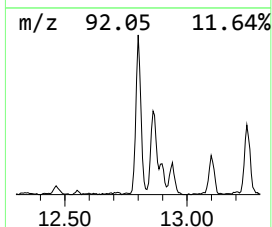
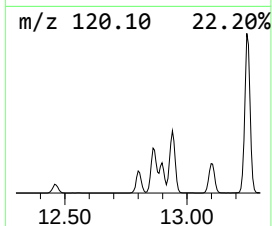
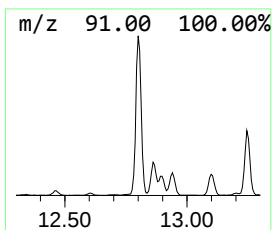
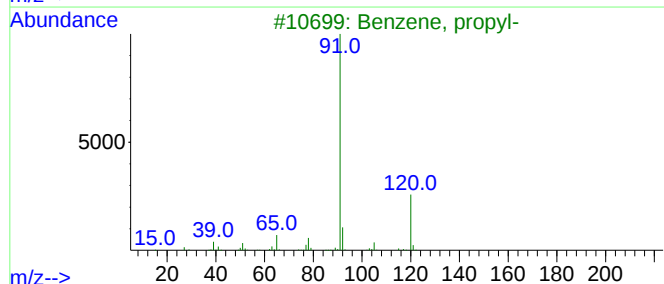
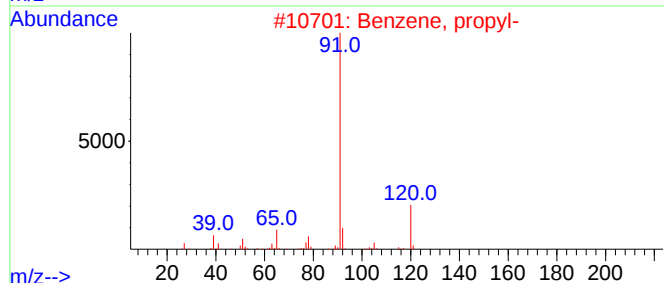
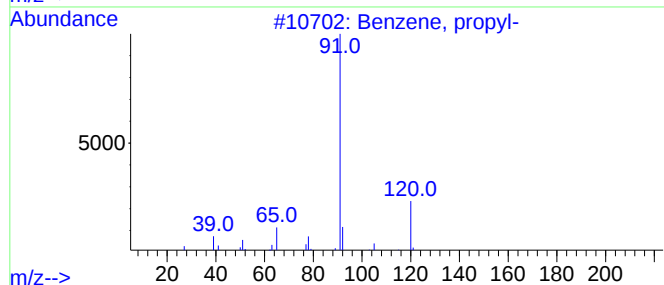
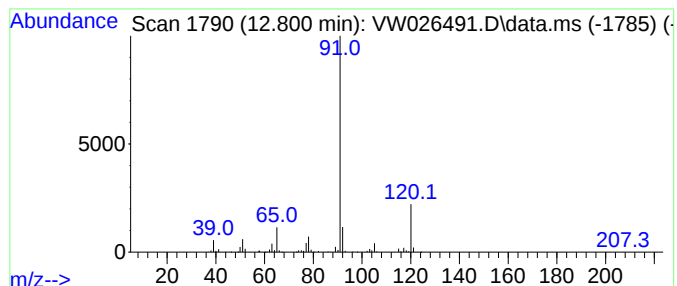
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	5.05 ug/L	528967	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			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

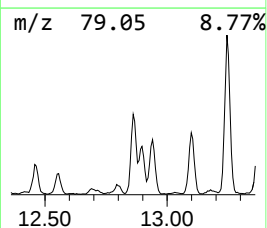
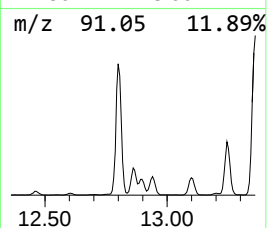
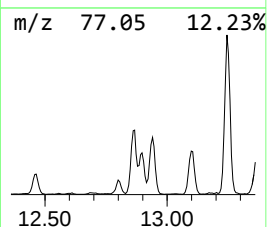
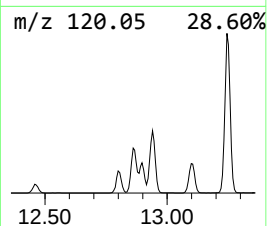
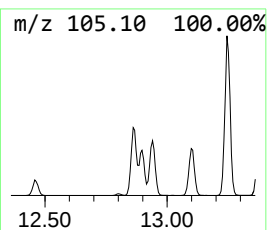
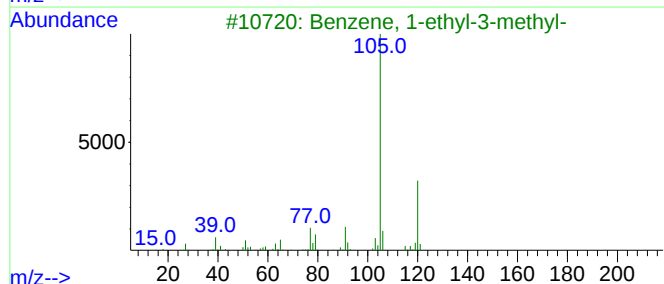
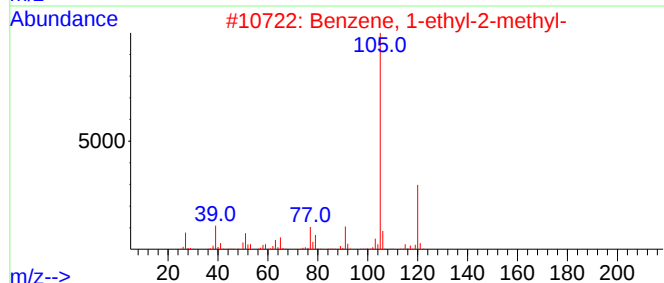
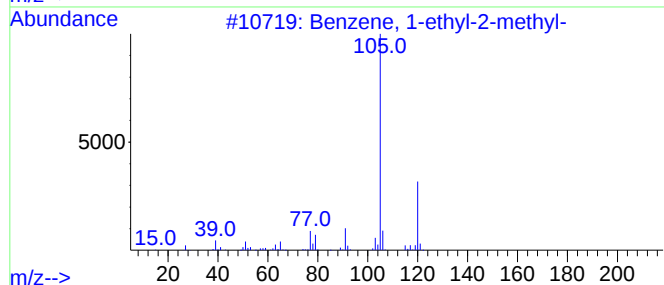
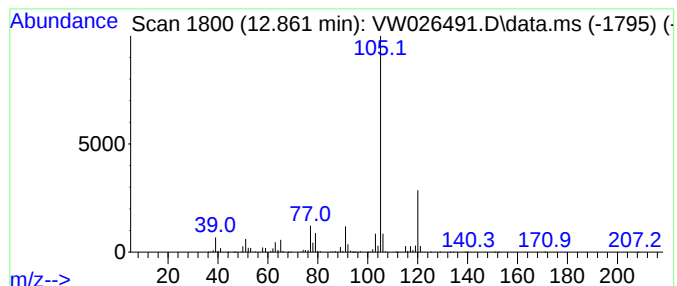
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	9.82 ug/L	1029240	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-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

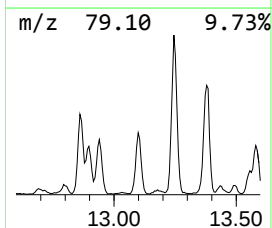
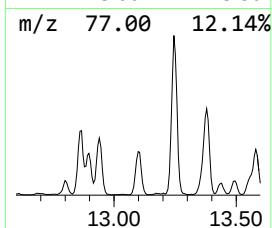
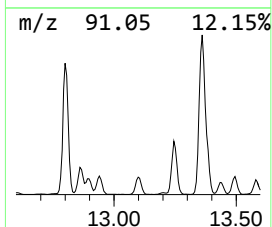
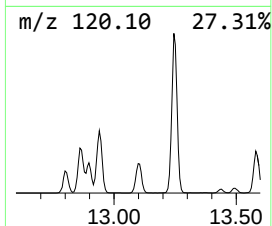
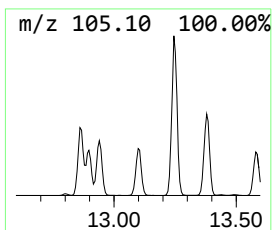
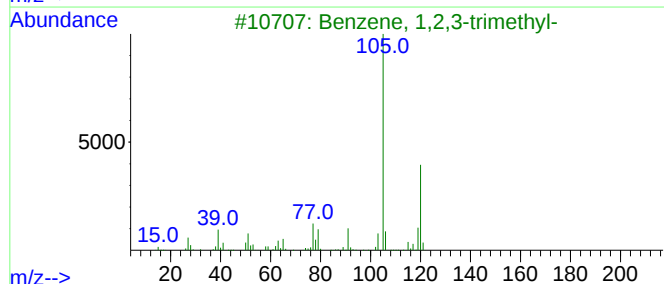
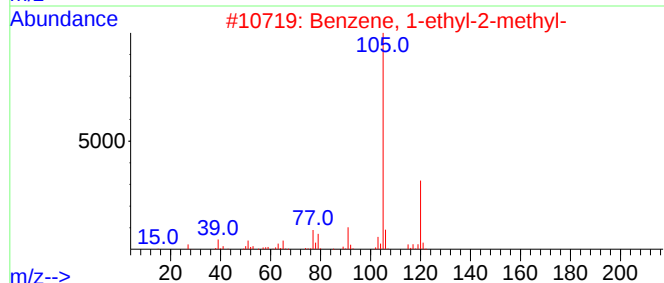
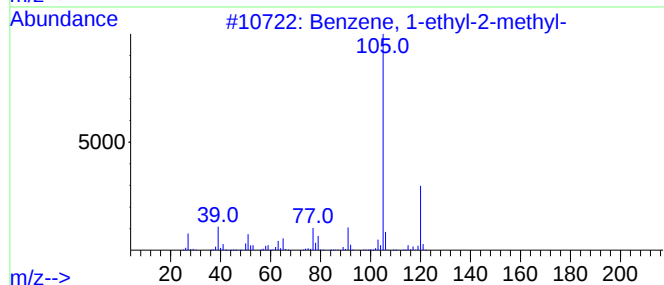
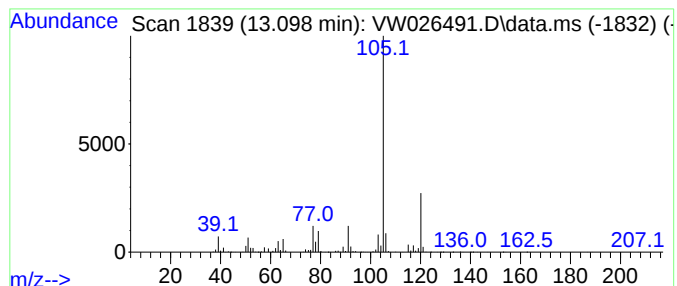
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	7.14 ug/L	748417	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-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

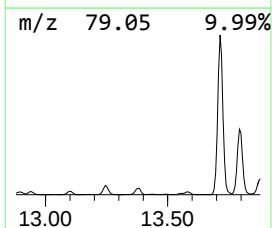
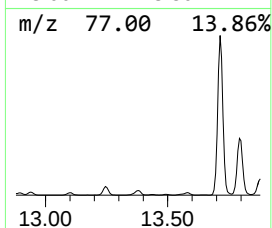
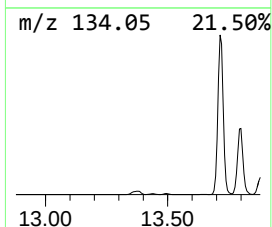
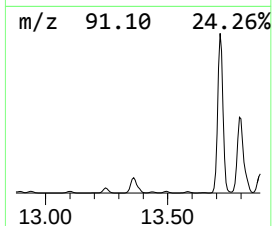
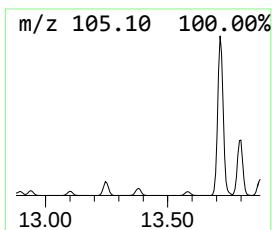
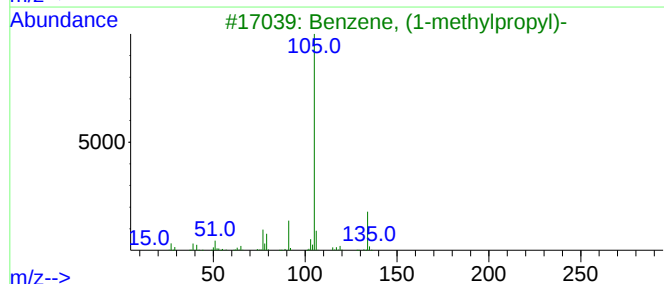
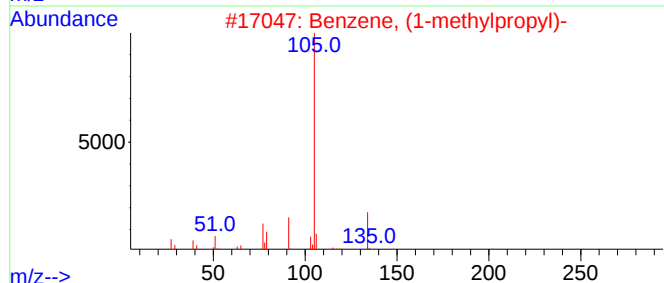
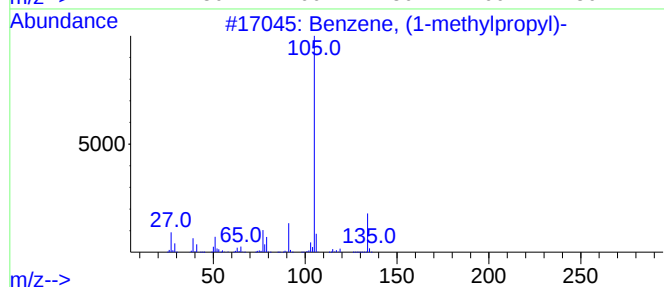
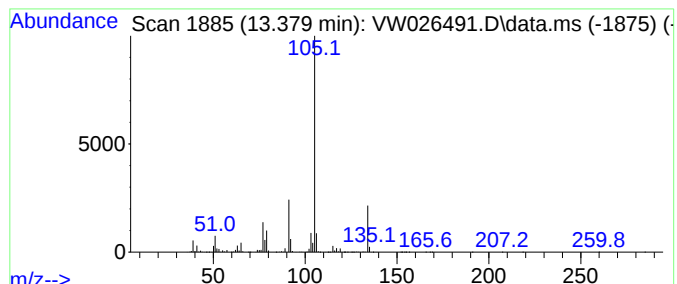
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, (1-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	18.69 ug/L	1957990	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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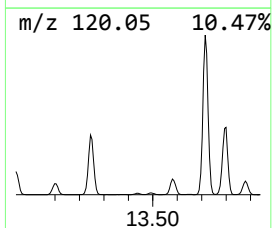
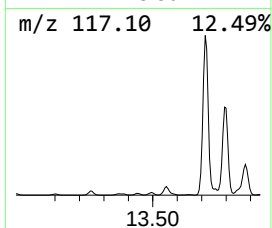
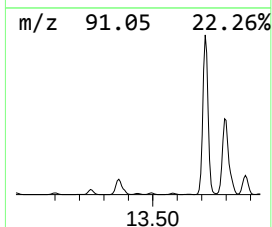
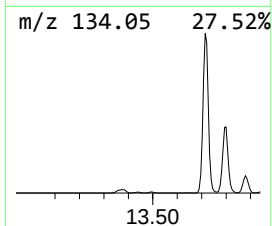
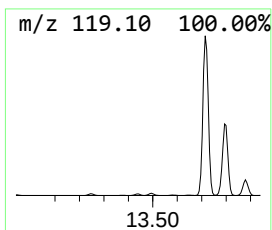
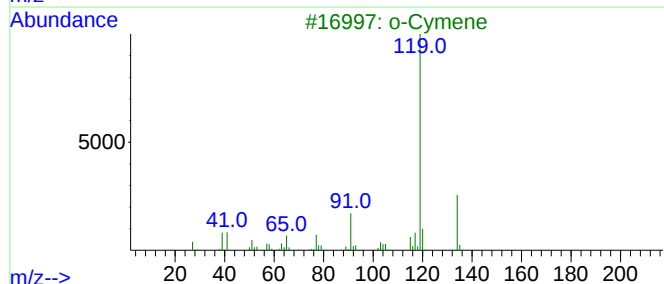
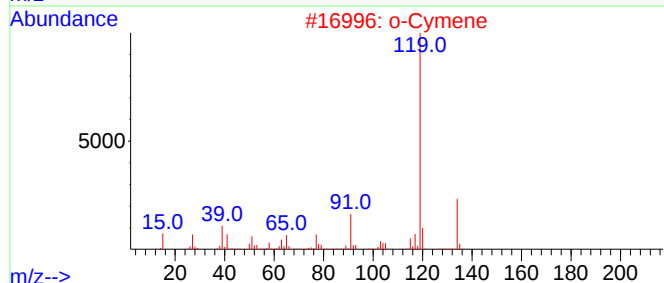
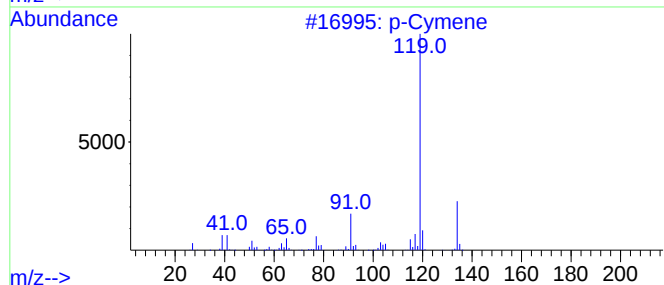
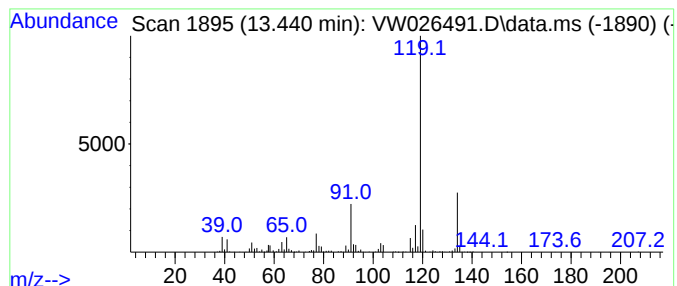
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Quant Title : SFAM01.0

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

Peak Number 15 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	2.77 ug/L	289960	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

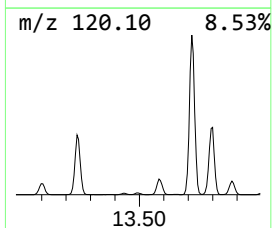
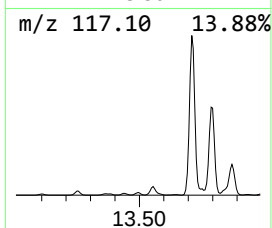
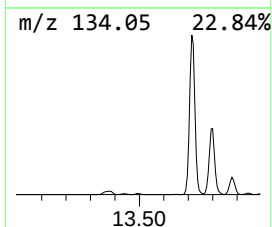
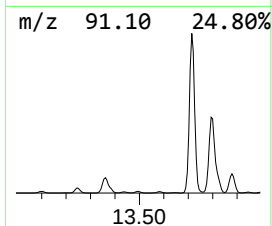
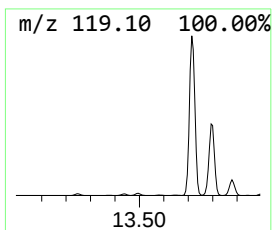
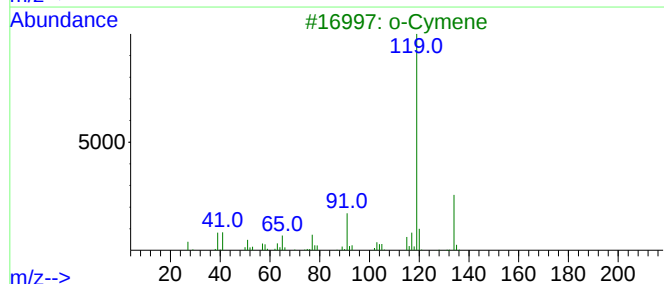
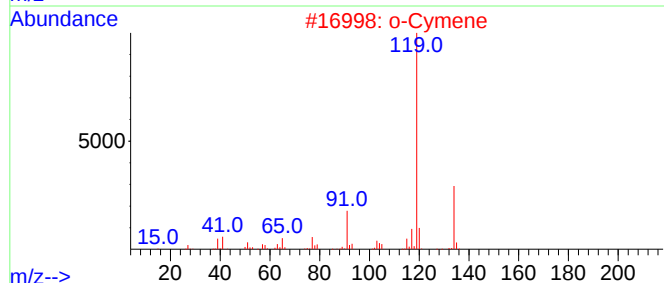
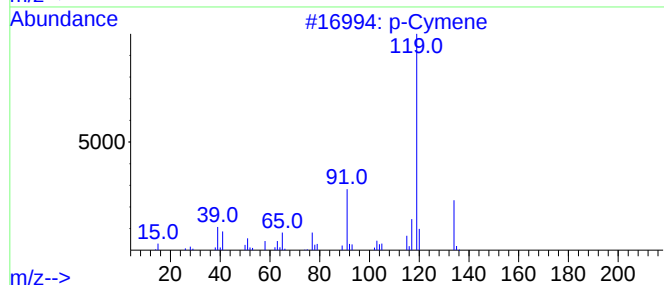
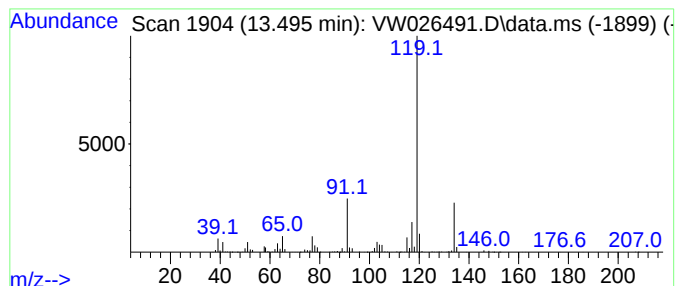
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Quant Title : SFAM01.0

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

Peak Number 16 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	3.43 ug/L	359090	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	94
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

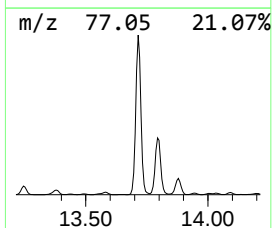
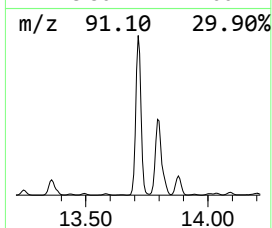
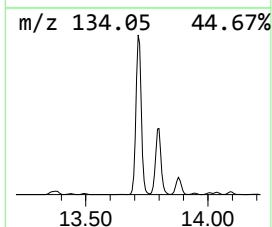
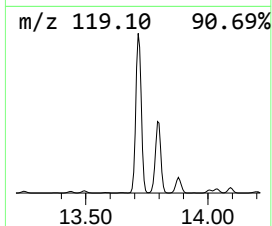
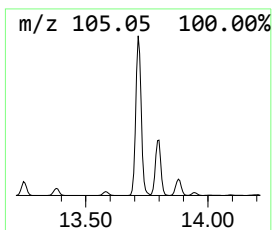
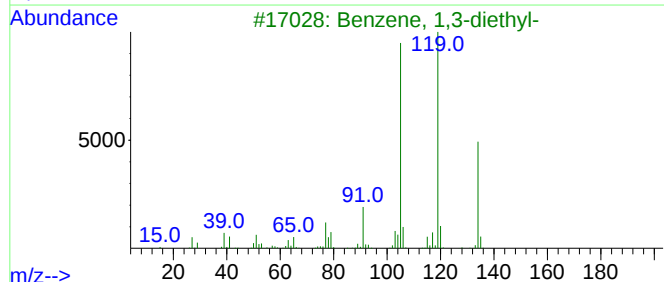
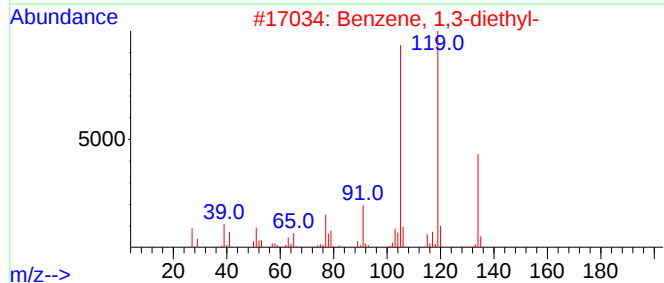
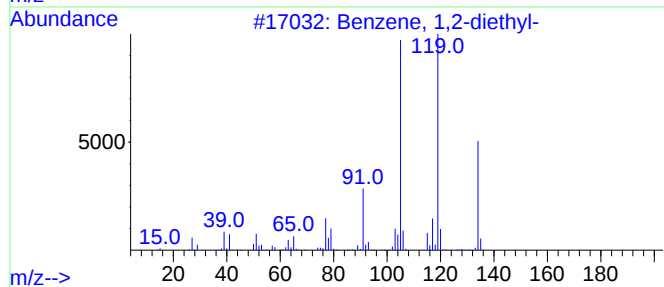
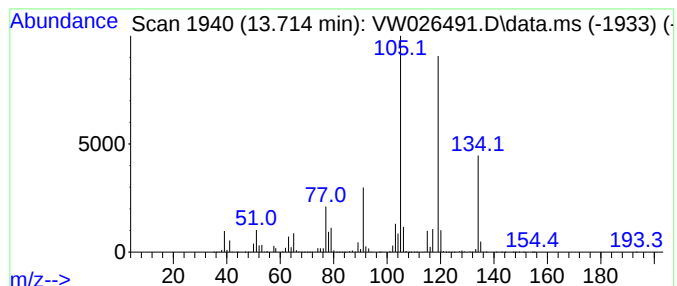
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	472.94 ug/L	49553500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

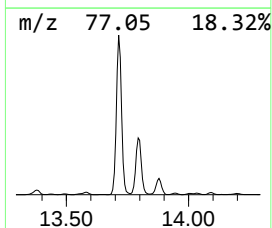
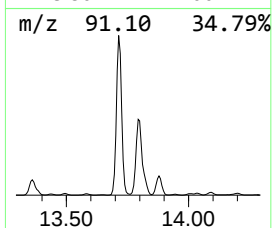
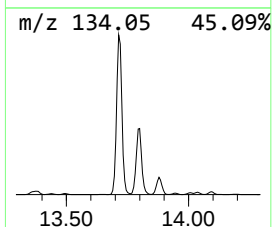
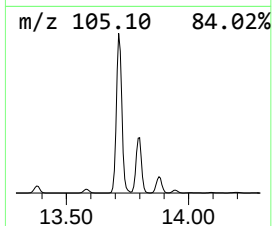
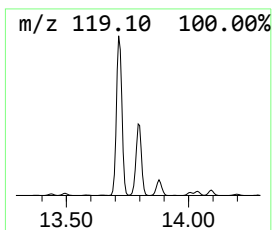
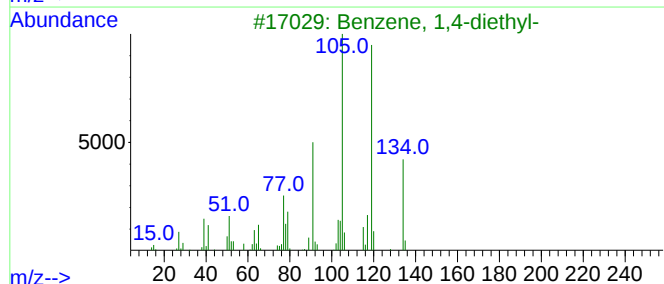
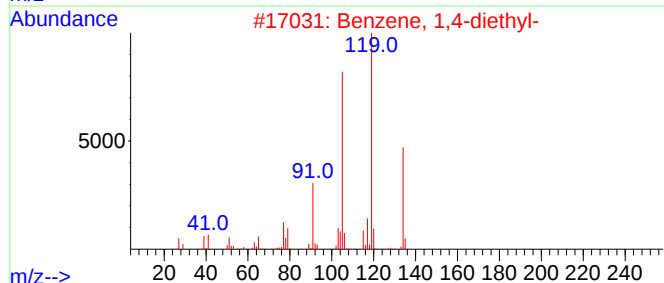
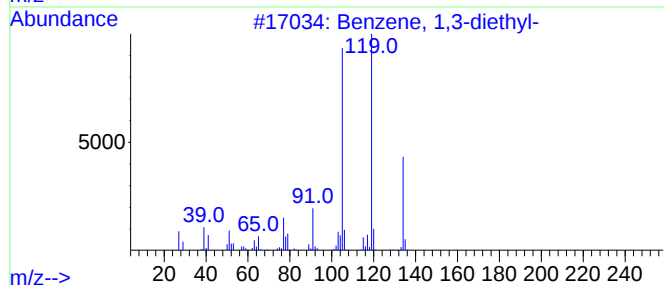
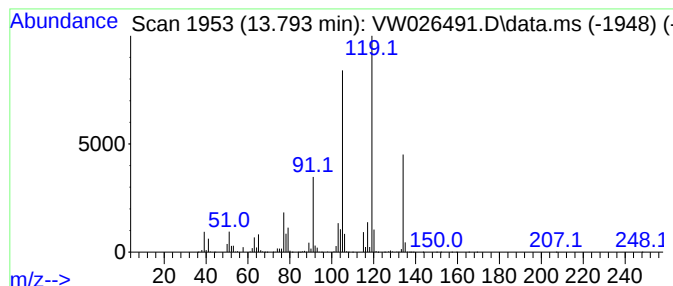
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.794	203.26 ug/L	21297100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

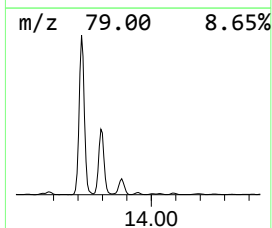
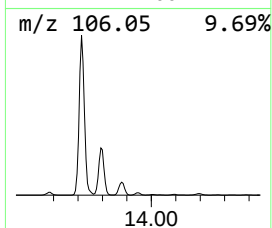
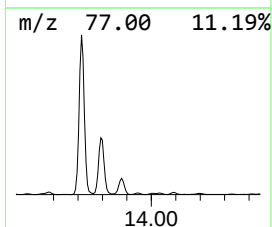
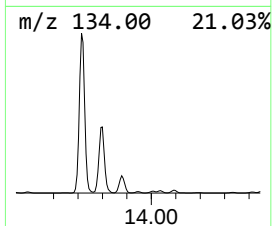
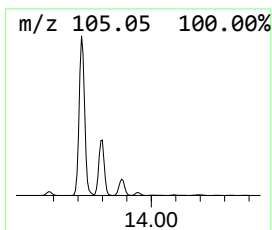
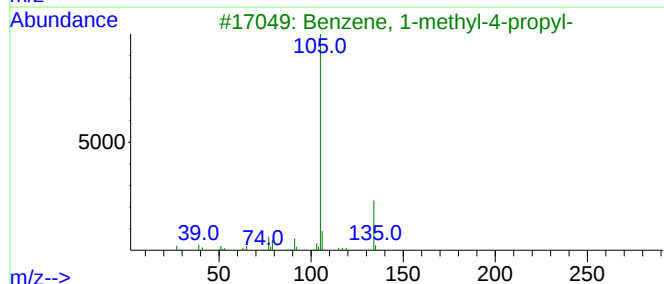
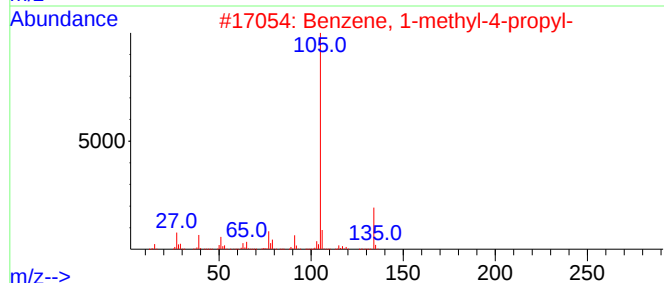
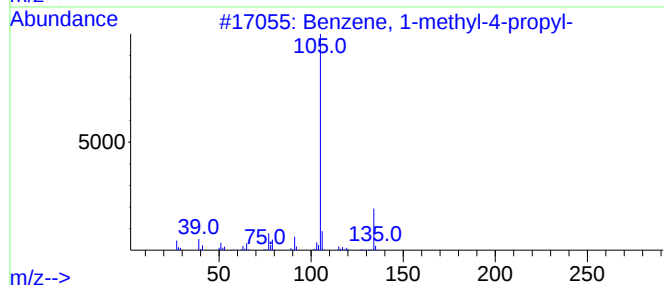
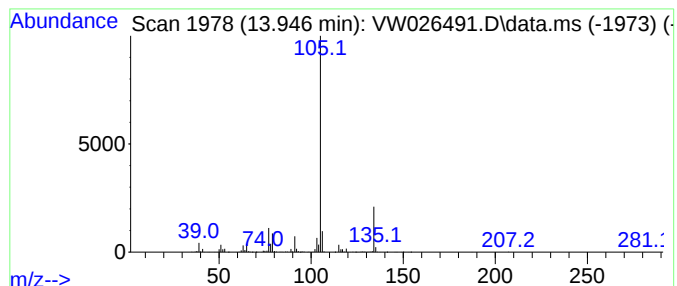
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	4.18 ug/L	438136	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

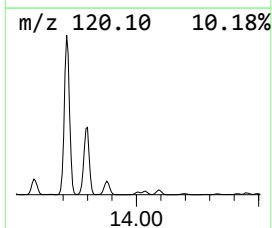
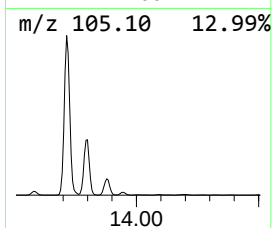
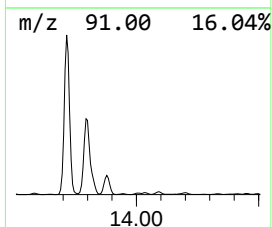
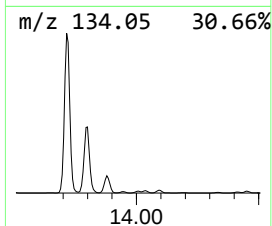
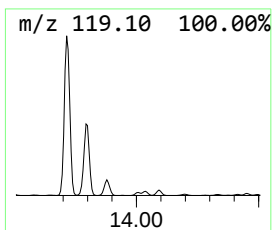
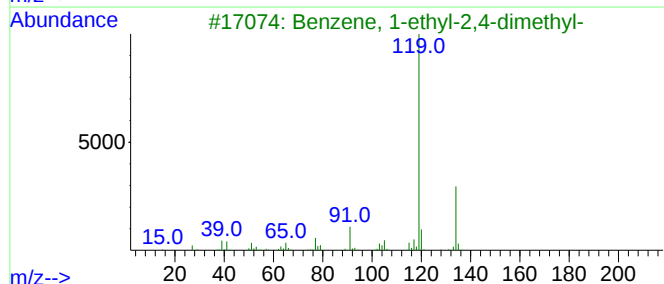
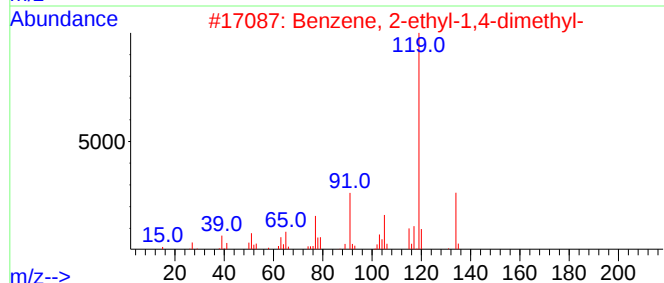
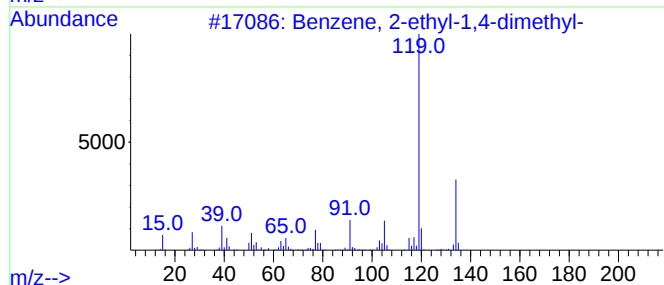
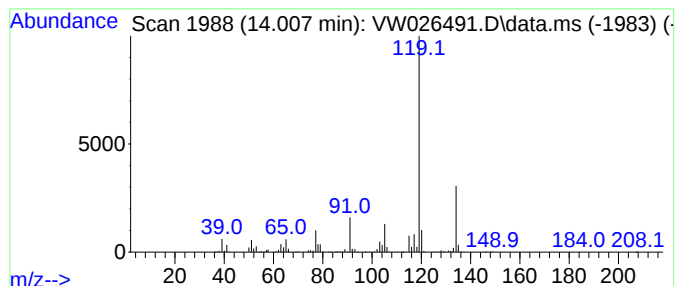
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	4.96 ug/L	519301	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

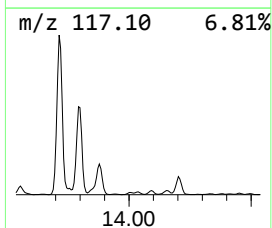
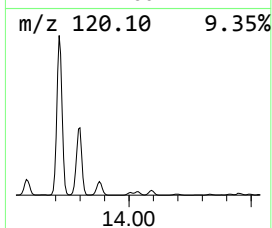
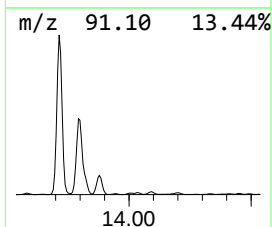
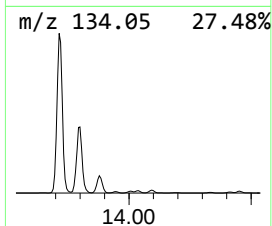
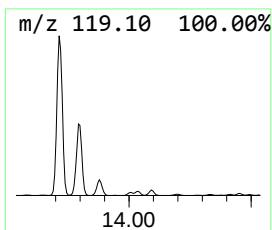
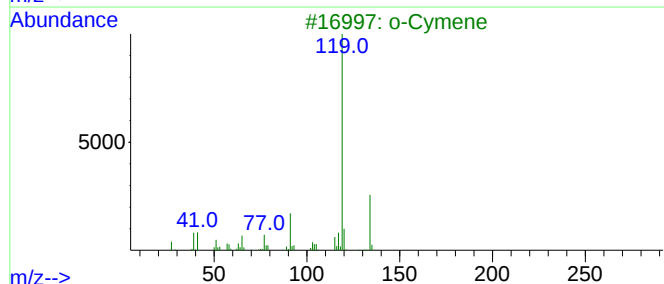
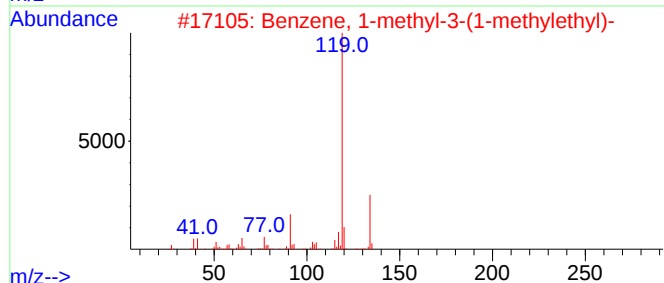
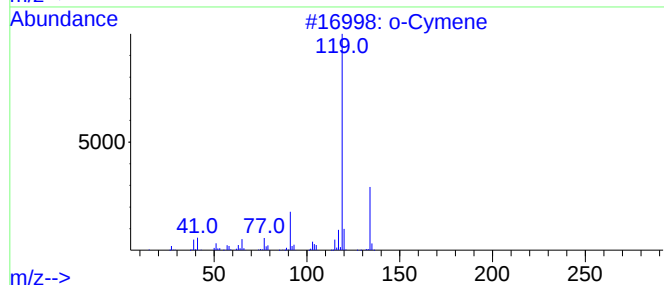
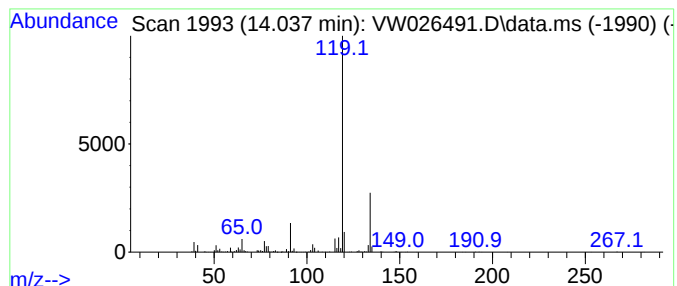
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.037	5.93 ug/L	621500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

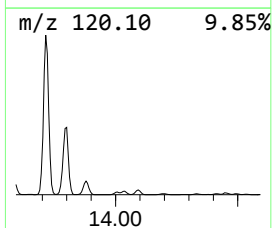
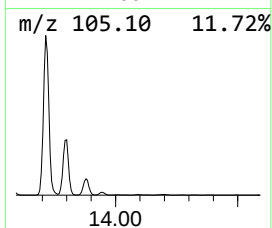
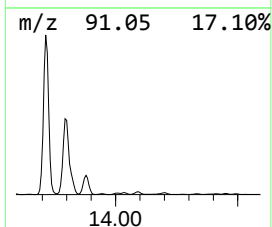
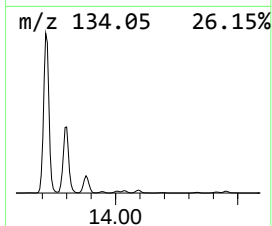
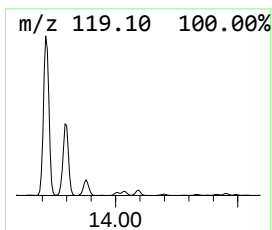
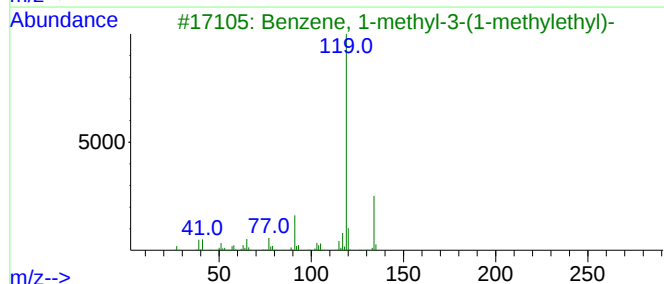
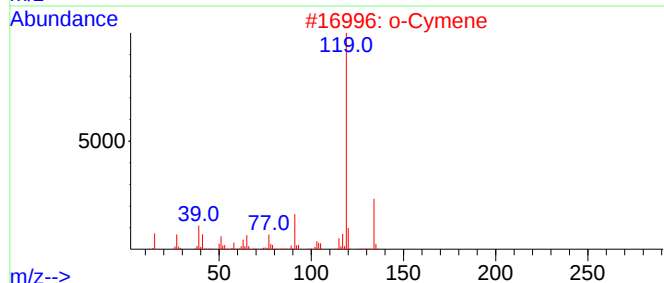
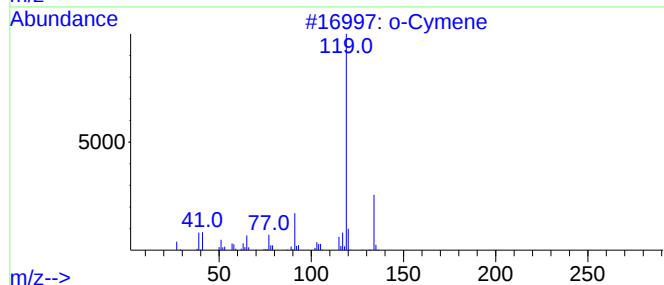
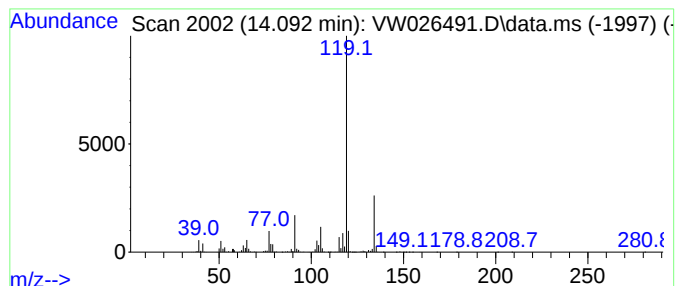
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	8.43 ug/L	883337	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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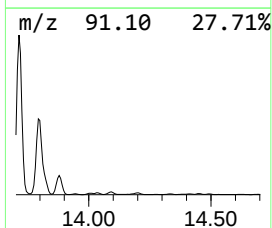
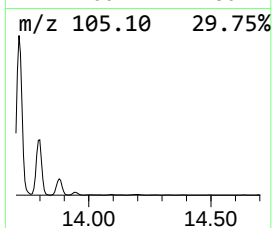
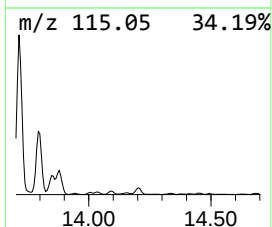
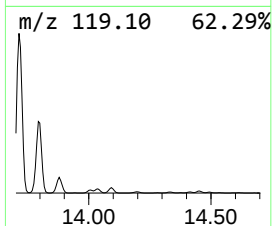
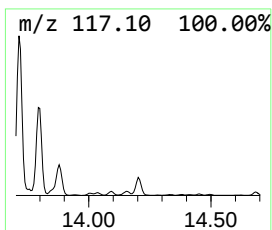
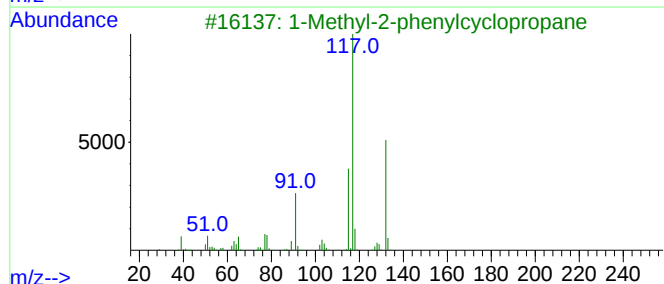
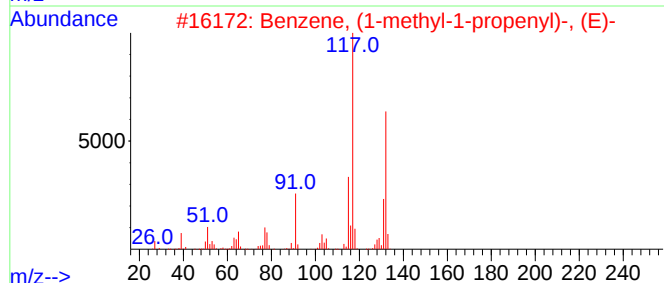
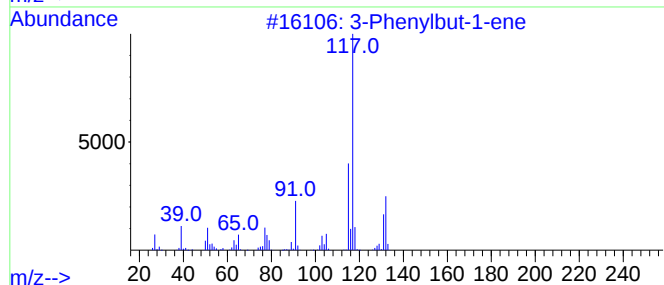
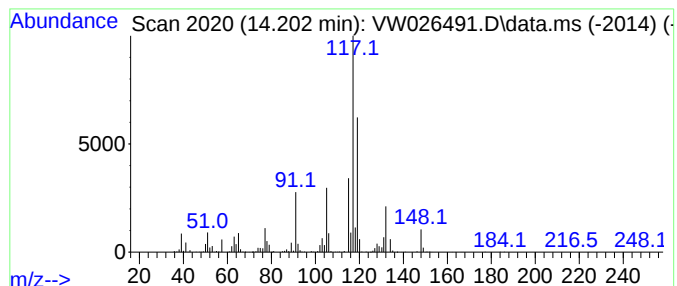
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Quant Title : SFAM01.0

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

Peak Number 23 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	7.17 ug/L	751150	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	60
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	53
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

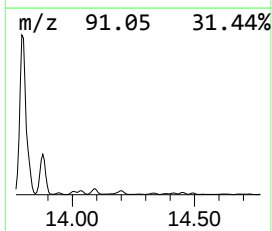
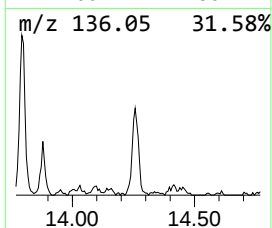
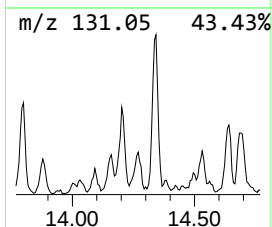
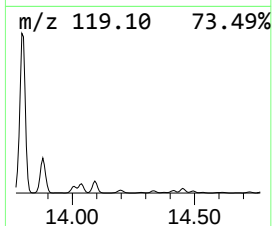
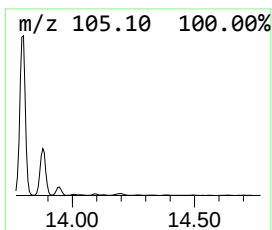
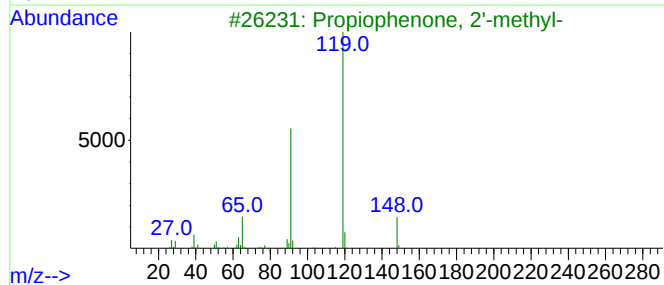
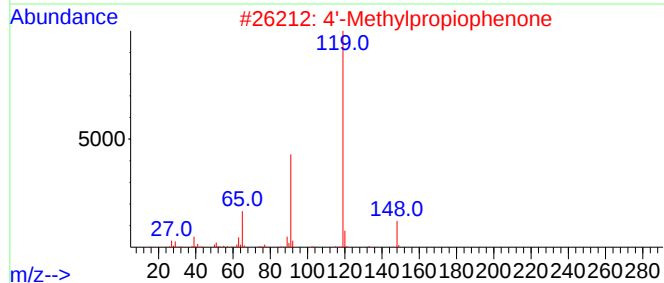
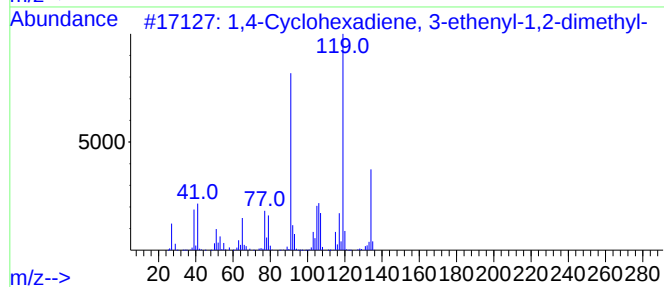
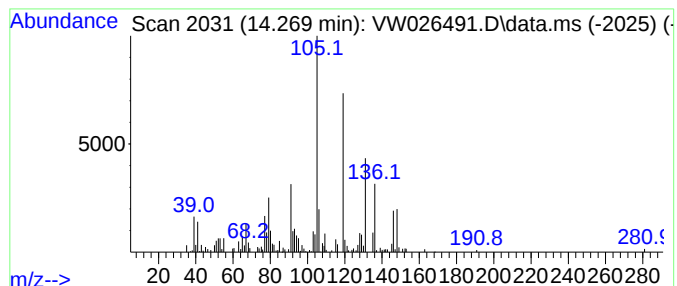
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	1.32 ug/L	138466	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	35
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	27
3			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	27
4			Benzoic acid, 4-methyl-, propyl ...	178	C11H14O2	006976-69-8	27
5			Bis[2,4-dimethylbenzyl]sulfone	302	C18H22O2S	1000251-42-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

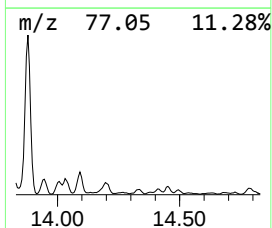
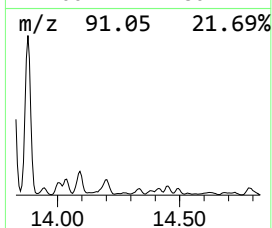
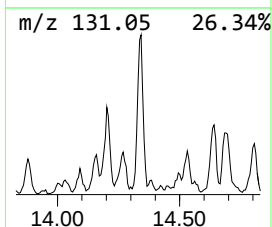
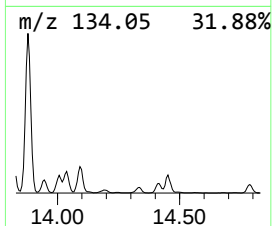
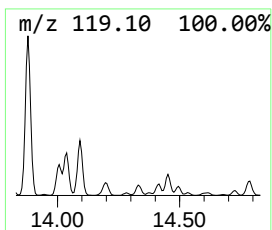
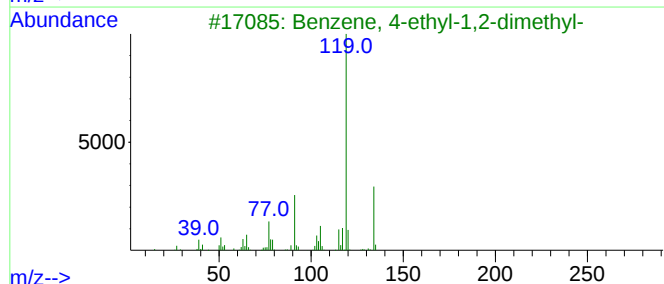
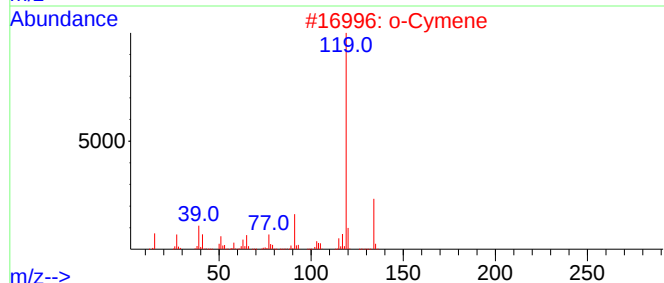
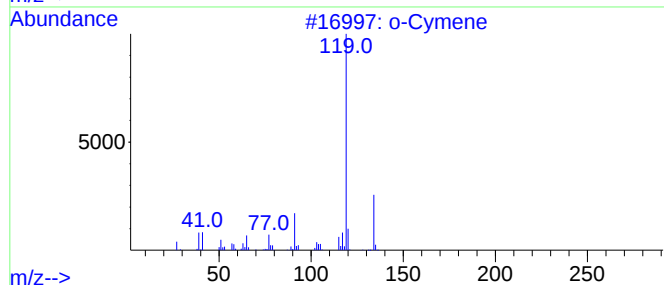
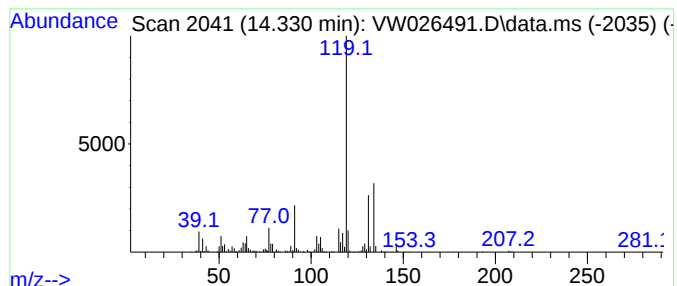
Instrument :
MSVOA_W
ClientSampleId :
A46Y3

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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.330	2.39 ug/L	250471	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	94
2	o-Cymene		134	C10H14	000527-84-4	93
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	90
4	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	87
5	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

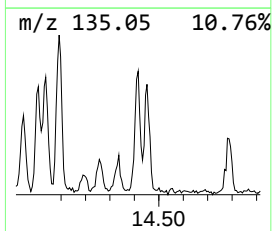
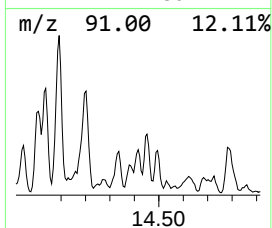
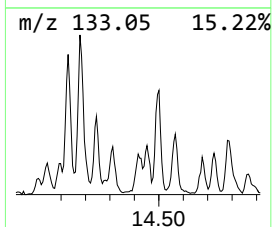
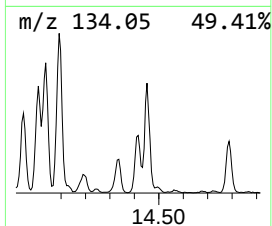
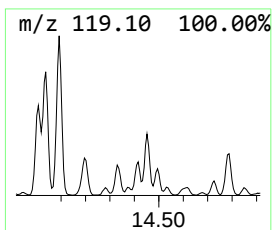
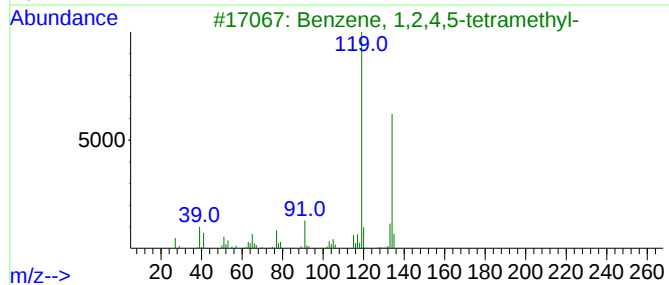
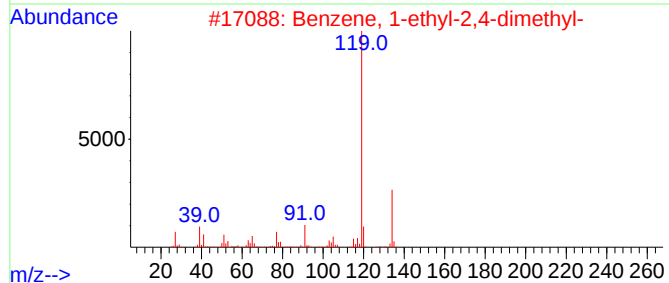
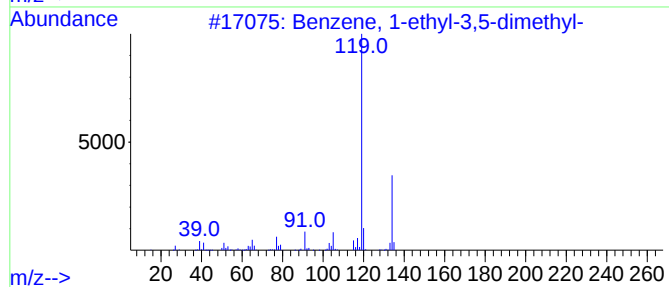
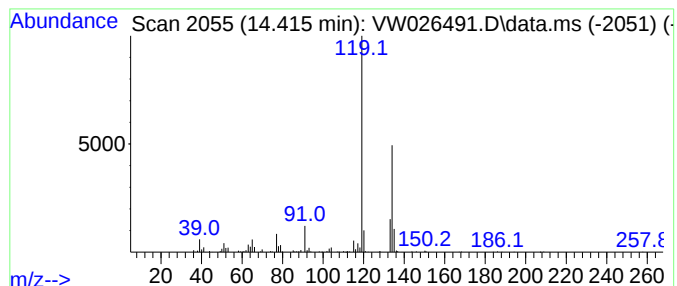
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	2.27 ug/L	237777	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

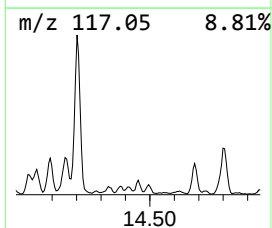
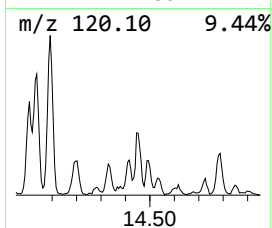
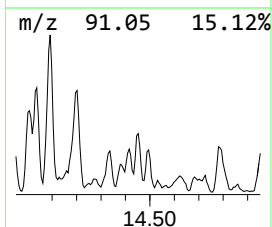
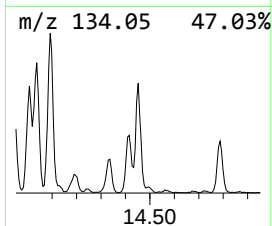
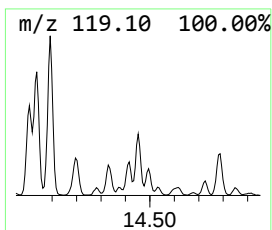
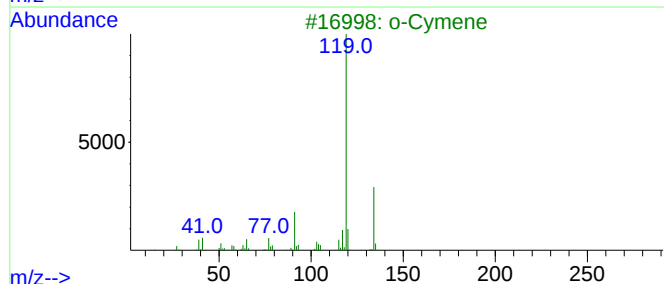
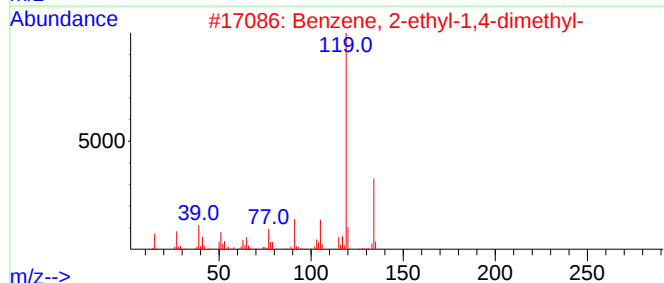
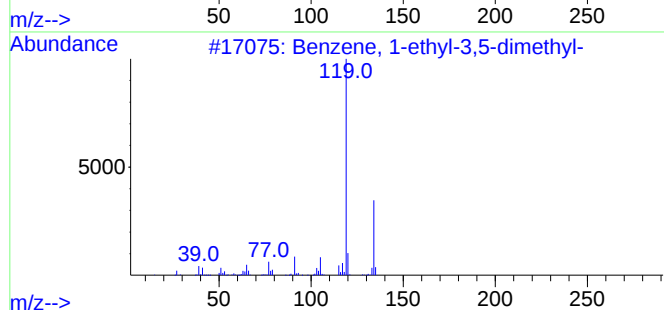
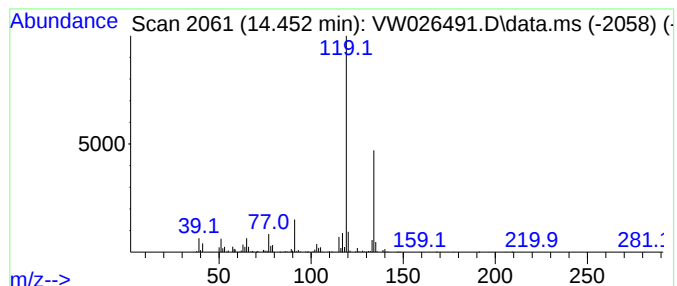
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	3.20 ug/L	335264	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

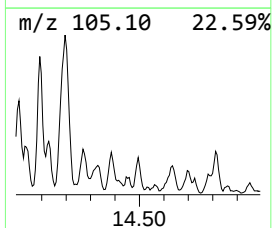
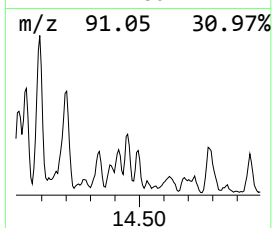
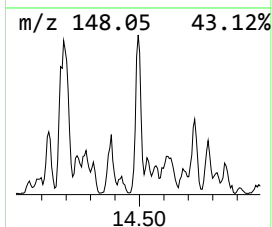
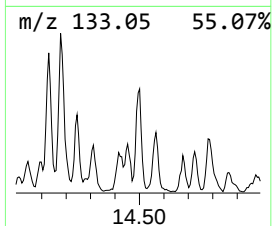
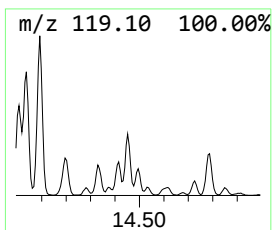
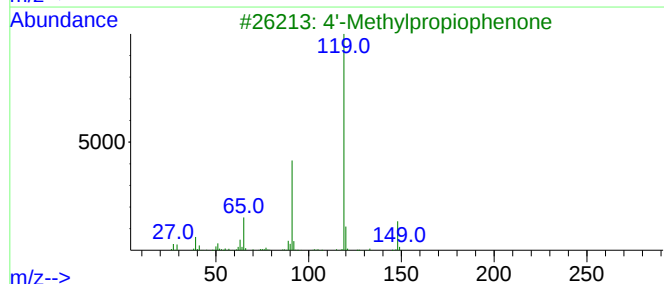
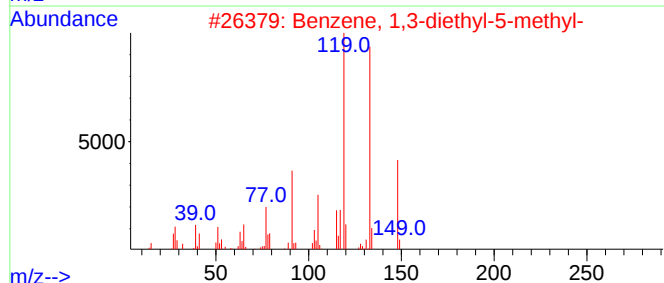
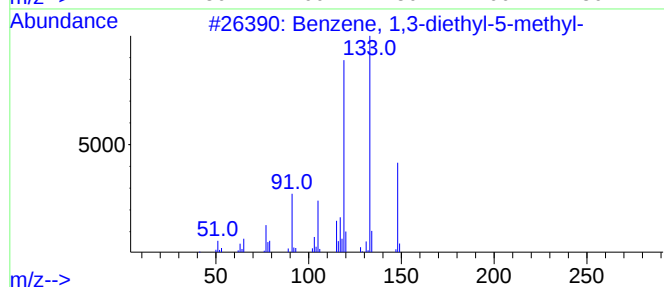
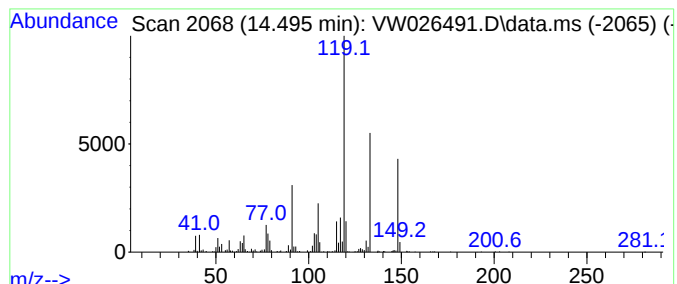
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	1.85 ug/L	193697	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	68
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
4			1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	49
5			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

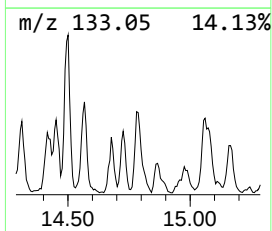
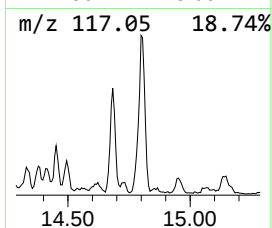
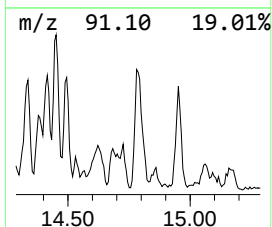
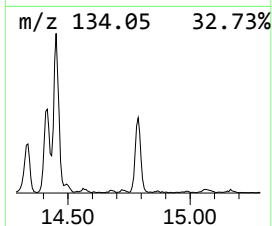
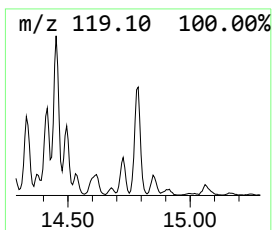
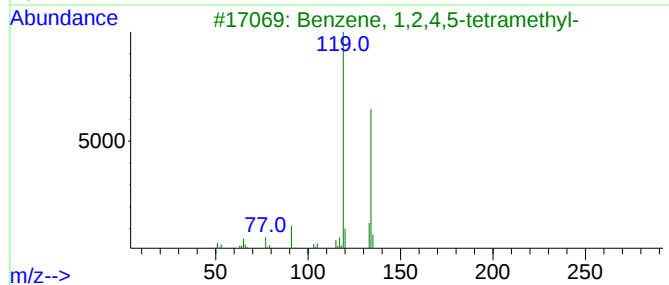
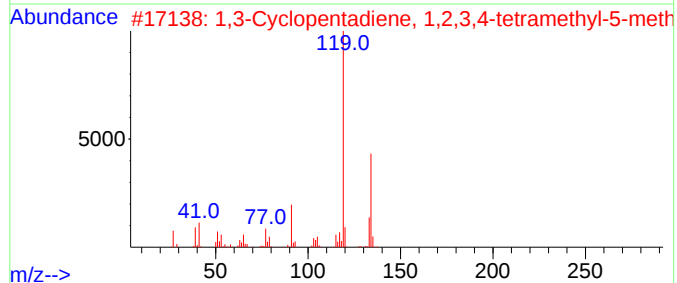
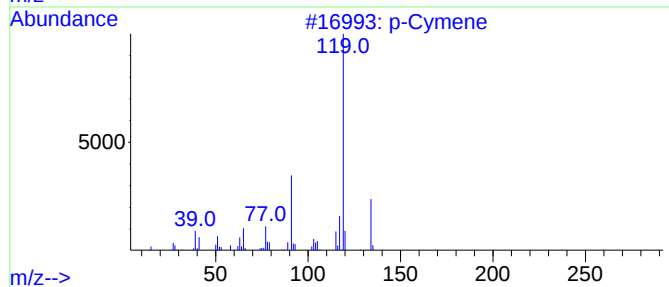
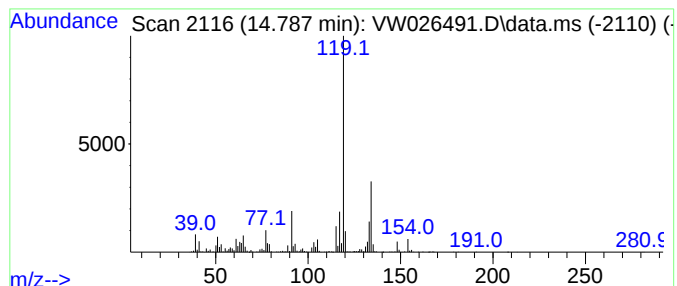
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Quant Title : SFAM01.0

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

Peak Number 29 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	4.19 ug/L	438918	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	90
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

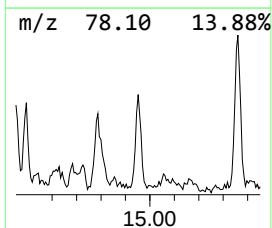
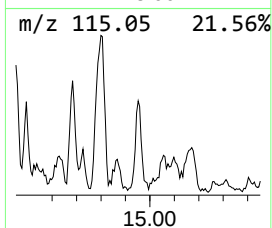
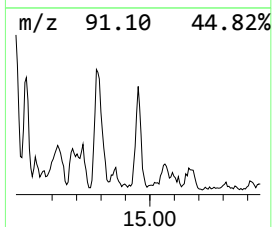
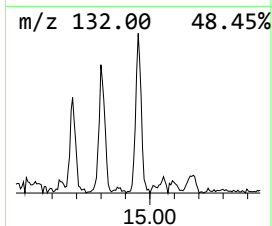
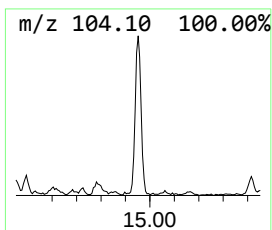
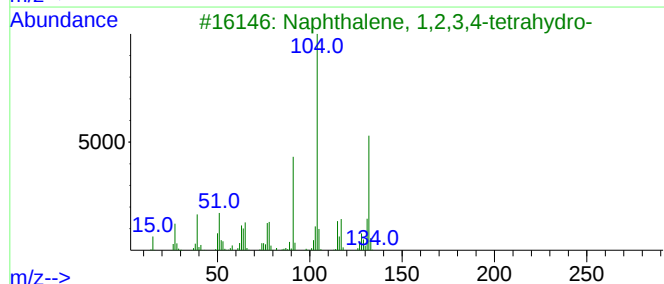
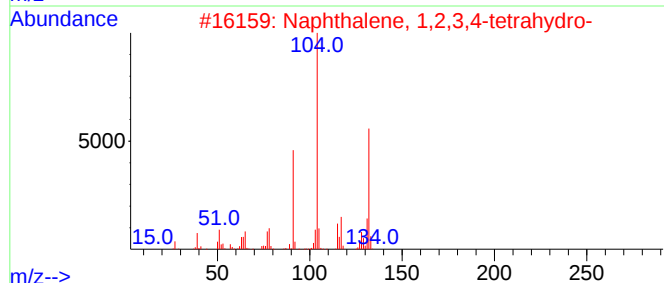
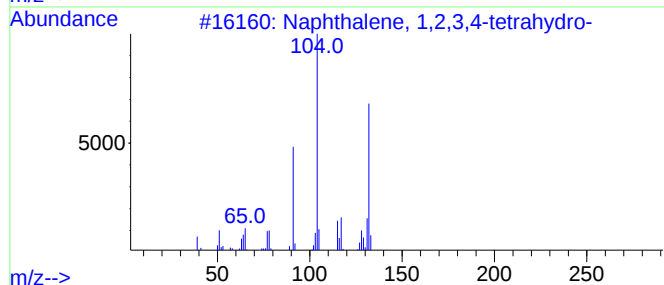
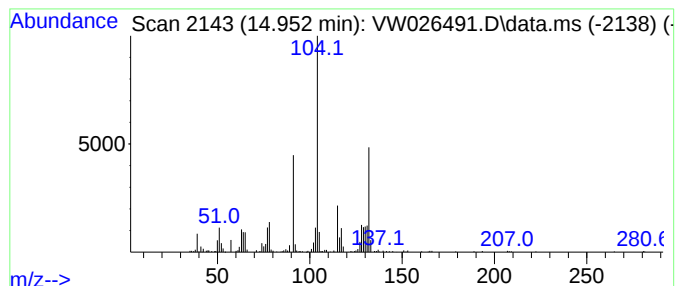
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Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	1.30 ug/L	136716	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

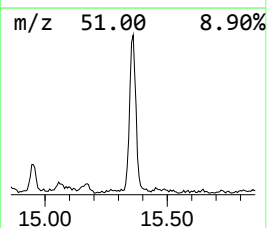
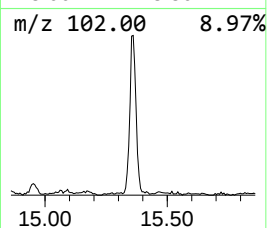
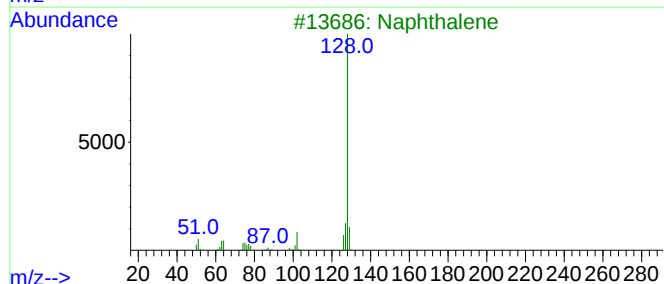
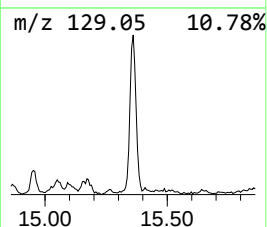
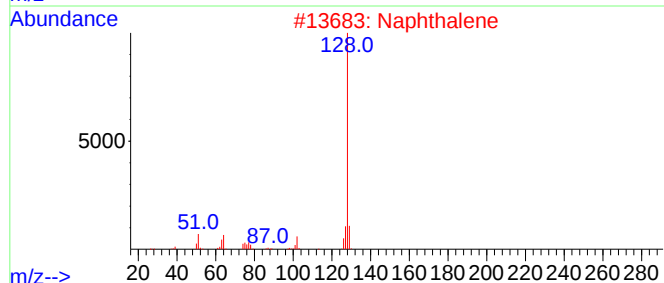
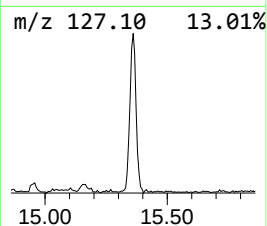
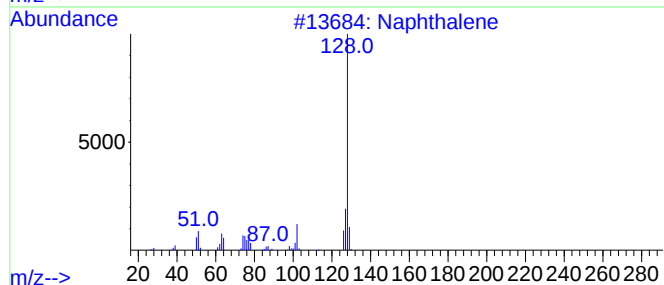
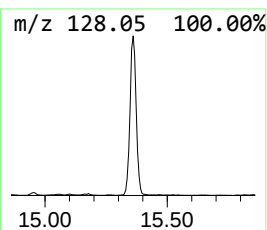
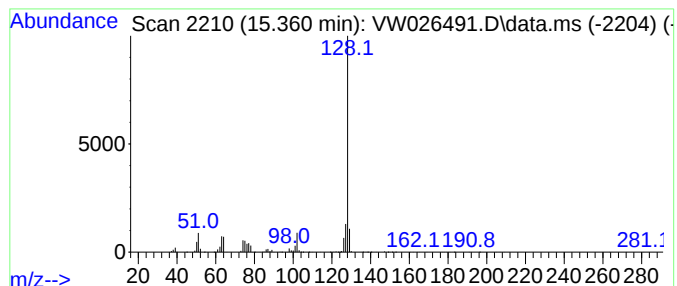
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Quant Title : SFAM01.0

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

Peak Number 31 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	5.05 ug/L	529123	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Naphthalene	128	C10H8	000091-20-3	95
3			Naphthalene	128	C10H8	000091-20-3	95
4			Naphthalene	128	C10H8	000091-20-3	93
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

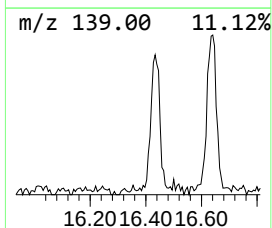
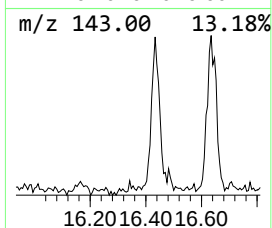
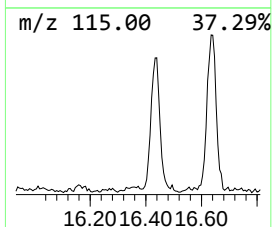
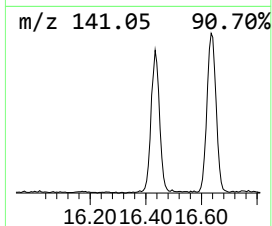
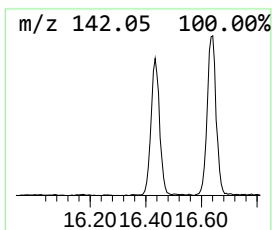
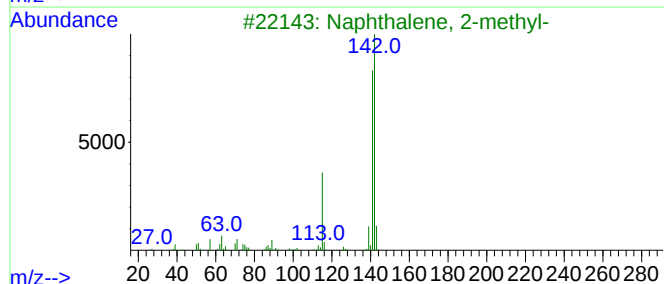
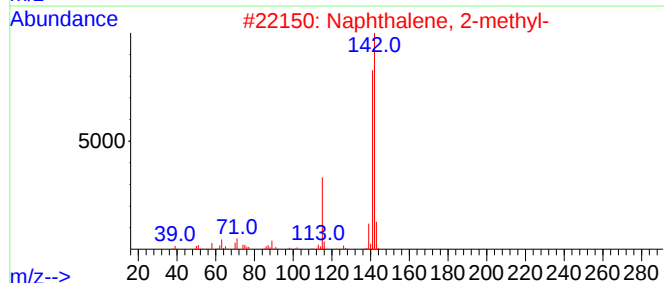
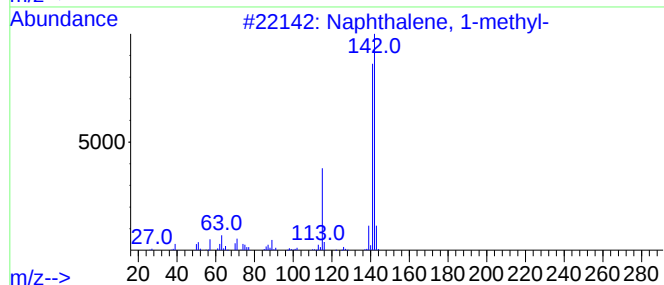
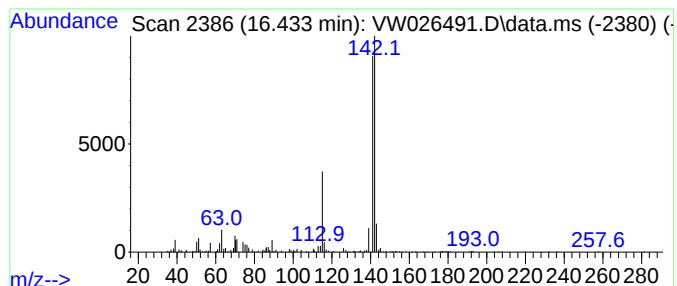
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Quant Title : SFAM01.0

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

Peak Number 32 1,4-Methanonaphthalene, 1,4... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	1.80 ug/L	188095	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026491.D
Acq On : 30 Jun 2023 23:36
Operator : SY/MD
Sample : 03444-22
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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
Ethane, 1,2-dic...	3.789	2.9	ug/L	261660	1	8.843	2282010	25.0
(DEL) Alkane: S...	8.154	1.9	ug/L	168467	1	8.843	2282010	25.0
(DEL) Alkane: S...	8.691	1.5	ug/L	132786	1	8.843	2282010	25.0
(DEL) Alkane: C...	10.501	1.4	ug/L	150854	2	11.629	2800520	25.0
(DEL) Alkane: C...	10.660	2.0	ug/L	222344	2	11.629	2800520	25.0
(DEL) Alkane: C...	10.757	1.6	ug/L	173398	2	11.629	2800520	25.0
(DEL) Alkane: C...	11.178	2.6	ug/L	296538	2	11.629	2800520	25.0
Bicyclo[4.1.0]h...	12.336	1.3	ug/L	150312	2	11.629	2800520	25.0
Diethyl disulfide	12.556	3.4	ug/L	382617	2	11.629	2800520	25.0
Benzene, propyl-	12.800	5.0	ug/L	528967	3	13.556	2619430	25.0
Benzene, 1-ethy...	12.861	9.8	ug/L	1029240	3	13.556	2619430	25.0
Benzene, 1,2,3-...	13.099	7.1	ug/L	748417	3	13.556	2619430	25.0
Benzene, (1-met...	13.379	18.7	ug/L	1957990	3	13.556	2619430	25.0
p-Cymene	13.440	2.8	ug/L	289960	3	13.556	2619430	25.0
o-Cymene	13.495	3.4	ug/L	359090	3	13.556	2619430	25.0
Benzene, 1,2-di...	13.714	472.9	ug/L	49553500	3	13.556	2619430	25.0
Benzene, 1,3-di...	13.794	203.3	ug/L	21297100	3	13.556	2619430	25.0
Benzene, 1-meth...	13.946	4.2	ug/L	438136	3	13.556	2619430	25.0
Benzene, 2-ethy...	14.007	5.0	ug/L	519301	3	13.556	2619430	25.0
Benzene, 4-ethy...	14.037	5.9	ug/L	621500	3	13.556	2619430	25.0
Benzene, 1-meth...	14.092	8.4	ug/L	883337	3	13.556	2619430	25.0
3-Phenylbut-1-ene	14.202	7.2	ug/L	751150	3	13.556	2619430	25.0
unknown-01	14.269	1.3	ug/L	138466	3	13.556	2619430	25.0
Benzene, 2-ethy...	14.330	2.4	ug/L	250471	3	13.556	2619430	25.0
Benzene, 1-ethy...	14.415	2.3	ug/L	237777	3	13.556	2619430	25.0
unknown-02	14.452	3.2	ug/L	335264	3	13.556	2619430	25.0
Benzene, 1,3-di...	14.495	1.9	ug/L	193697	3	13.556	2619430	25.0
1,3-Cyclopentad...	14.787	4.2	ug/L	438918	3	13.556	2619430	25.0
Naphthalene, 1,...	14.952	1.3	ug/L	136716	3	13.556	2619430	25.0
Azulene	15.360	5.0	ug/L	529123	3	13.556	2619430	25.0
1,4-Methanonaph...	16.433	1.8	ug/L	188095	3	13.556	2619430	25.0