

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027110.D
 Acq On : 14 Sep 2023 18:16
 Operator : SY/MD
 Sample : 04417-18
 Misc : 5.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYN4

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	40	48	52	rBV	73071	123998	2.59%	0.191%
2	2.357	71	77	87	rBV	104228	232229	4.85%	0.357%
3	2.893	158	165	178	rBV	88076	229977	4.80%	0.353%
4	3.027	180	187	197	rVB	71009	175304	3.66%	0.269%
5	4.015	337	349	359	rBV2	193586	585176	12.22%	0.899%
6	4.118	360	366	380	rVV	34441	109819	2.29%	0.169%
7	4.381	398	409	418	rBV	25460	76794	1.60%	0.118%
8	4.941	484	501	518	rVV5	46036	287222	6.00%	0.441%
9	5.435	571	582	593	rVV3	28268	94438	1.97%	0.145%
10	5.935	655	664	677	rVB5	12631	41154	0.86%	0.063%
11	6.984	827	836	845	rVB2	47231	139343	2.91%	0.214%
12	7.118	845	858	877	rBV7	61762	318308	6.65%	0.489%
13	7.673	937	949	963	rBV	396065	1027206	21.45%	1.578%
14	7.953	982	995	1003	rBV3	141307	416411	8.69%	0.640%
15	8.032	1003	1008	1018	rVB2	44559	108442	2.26%	0.167%
16	8.154	1021	1028	1034	rBV3	24641	59205	1.24%	0.091%
17	8.276	1034	1048	1065	rVV3	762110	2506517	52.33%	3.852%
18	8.429	1065	1073	1080	rVV5	32594	77576	1.62%	0.119%
19	8.502	1080	1085	1091	rVV3	27772	61188	1.28%	0.094%
20	8.569	1091	1096	1109	rVB2	74668	175854	3.67%	0.270%
21	8.843	1132	1141	1154	rBV	955126	1925936	40.21%	2.960%
22	9.087	1170	1181	1197	rBV2	633970	1399755	29.22%	2.151%
23	9.276	1201	1212	1216	rBV	572411	1214793	25.36%	1.867%
24	9.331	1216	1221	1233	rVB	740755	1566008	32.69%	2.406%
25	9.520	1245	1252	1257	rVV2	19020	34962	0.73%	0.054%
26	9.605	1257	1266	1273	rBV	37005	79749	1.66%	0.123%
27	9.745	1281	1289	1298	rVB3	48678	103749	2.17%	0.159%
28	9.953	1317	1323	1330	rVV5	27979	54762	1.14%	0.084%
29	10.032	1330	1336	1341	rBV	180060	323340	6.75%	0.497%
30	10.081	1341	1344	1350	rVB4	26836	52096	1.09%	0.080%
31	10.318	1376	1383	1390	rBV	1048304	2005843	41.88%	3.082%
32	10.386	1391	1394	1400	rVB	172738	293168	6.12%	0.451%
33	10.495	1406	1412	1420	rVB3	64844	161965	3.38%	0.249%
34	10.575	1420	1425	1431	rBV	88698	160747	3.36%	0.247%
35	10.660	1435	1439	1444	rBV	92278	166215	3.47%	0.255%
36	10.764	1450	1456	1461	rBV3	33488	63400	1.32%	0.097%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	10.934	1476	1484	1495	rBV4	163107	371811	7.76%	0.571%
38	11.178	1515	1524	1527	rVV	101815	208734	4.36%	0.321%
39	11.227	1527	1532	1538	rVV	258186	468090	9.77%	0.719%
40	11.282	1538	1541	1545	rVV2	32141	55160	1.15%	0.085%
41	11.337	1545	1550	1556	rVV3	55371	103253	2.16%	0.159%
42	11.434	1558	1566	1574	rVB5	25247	69542	1.45%	0.107%
43	11.629	1591	1598	1607	rBV	1006873	1707741	35.65%	2.624%
44	11.727	1608	1614	1623	rBV2	127056	224749	4.69%	0.345%
45	11.830	1623	1631	1641	rBV	366211	752472	15.71%	1.156%
46	12.160	1674	1685	1694	rBV	254044	535727	11.18%	0.823%
47	12.300	1703	1708	1709	rBV	32400	44494	0.93%	0.068%
48	12.343	1711	1715	1720	rVV2	43766	96750	2.02%	0.149%
49	12.605	1753	1758	1763	rVB2	56080	91317	1.91%	0.140%
50	12.696	1768	1773	1778	rBV4	23386	54246	1.13%	0.083%
51	12.800	1778	1790	1794	rVV3	58979	197576	4.12%	0.304%
52	12.861	1795	1800	1804	rVV	211314	373358	7.79%	0.574%
53	12.940	1808	1813	1818	rVB	201973	350970	7.33%	0.539%
54	13.098	1833	1839	1845	rVB	114132	193704	4.04%	0.298%
55	13.159	1845	1849	1855	rBV5	32885	64144	1.34%	0.099%
56	13.245	1858	1863	1877	rVV	497929	877896	18.33%	1.349%
57	13.379	1881	1885	1888	rVV4	29743	55679	1.16%	0.086%
58	13.440	1890	1895	1899	rVV2	104431	197156	4.12%	0.303%
59	13.483	1899	1902	1908	rVB3	37799	75642	1.58%	0.116%
60	13.556	1908	1914	1923	rBV2	629426	1390957	29.04%	2.137%
61	13.708	1933	1939	1941	rBV4	64394	125400	2.62%	0.193%
62	13.745	1941	1945	1948	rVV	187876	293700	6.13%	0.451%
63	13.781	1948	1951	1957	rVV2	365490	572089	11.94%	0.879%
64	13.854	1957	1963	1971	rVB2	527876	1255475	26.21%	1.929%
65	13.946	1974	1978	1982	rBV	101504	137210	2.86%	0.211%
66	14.007	1983	1988	1990	rBV	242499	357186	7.46%	0.549%
67	14.031	1990	1992	1997	rVV	183452	282365	5.90%	0.434%
68	14.092	1998	2002	2010	rVB	388541	615951	12.86%	0.947%
69	14.196	2013	2019	2024	rBV2	488649	844376	17.63%	1.298%
70	14.245	2024	2027	2031	rBV	155695	249402	5.21%	0.383%
71	14.336	2036	2042	2045	rBV2	322659	558164	11.65%	0.858%
72	14.379	2045	2049	2051	rBV3	260801	354460	7.40%	0.545%
73	14.415	2051	2055	2057	rVV	427857	560218	11.70%	0.861%
74	14.452	2057	2061	2065	rVB	1203189	1600218	33.41%	2.459%
75	14.495	2065	2068	2071	rBV	672594	802315	16.75%	1.233%
76	14.537	2071	2075	2083	rVB3	744855	1391456	29.05%	2.138%

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 Title : SFAM01.0

77	14.635	2083	2091	2095	rVB3	364679	696247	14.54%	1.070%
78	14.684	2095	2099	2100	rBV2	244721	335046	7.00%	0.515%
79	14.720	2101	2105	2110	rVB2	953832	1566104	32.70%	2.407%
80	14.787	2110	2116	2123	rBV3	1531948	3441544	71.85%	5.289%
81	14.854	2123	2127	2131	rBV	440527	684343	14.29%	1.052%
82	14.976	2141	2147	2151	rBV2	278212	684575	14.29%	1.052%
83	15.019	2152	2154	2156	rVV2	270154	356702	7.45%	0.548%
84	15.062	2156	2161	2173	rVV2	1560609	4789777	100.00%	7.360%
85	15.165	2173	2178	2187	rVV4	1182241	2704533	56.46%	4.156%
86	15.311	2198	2202	2206	rBV5	443706	929045	19.40%	1.428%
87	15.354	2206	2209	2214	rVB2	655332	1044581	21.81%	1.605%
88	15.409	2214	2218	2221	rBV3	255071	449524	9.39%	0.691%
89	15.458	2222	2226	2231	rVV	478637	814672	17.01%	1.252%
90	15.543	2238	2240	2250	rVB6	567275	1114783	23.27%	1.713%
91	15.653	2250	2258	2265	rBV5	566370	1444342	30.15%	2.219%
92	15.720	2266	2269	2273	rVV2	176796	259393	5.42%	0.399%
93	15.805	2273	2283	2288	rBV6	370473	1259357	26.29%	1.935%
94	15.939	2296	2305	2311	rVB4	598505	1334013	27.85%	2.050%
95	16.019	2311	2318	2324	rBV6	265642	836227	17.46%	1.285%
96	16.159	2334	2341	2348	rBV4	392209	1006423	21.01%	1.547%
97	16.366	2366	2375	2380	rBV4	257365	723586	15.11%	1.112%
98	16.433	2380	2386	2390	rBV2	634816	1336773	27.91%	2.054%
99	16.634	2411	2419	2431	rVV2	787902	2068993	43.20%	3.179%
100	16.738	2432	2436	2444	rVB4	95648	181584	3.79%	0.279%

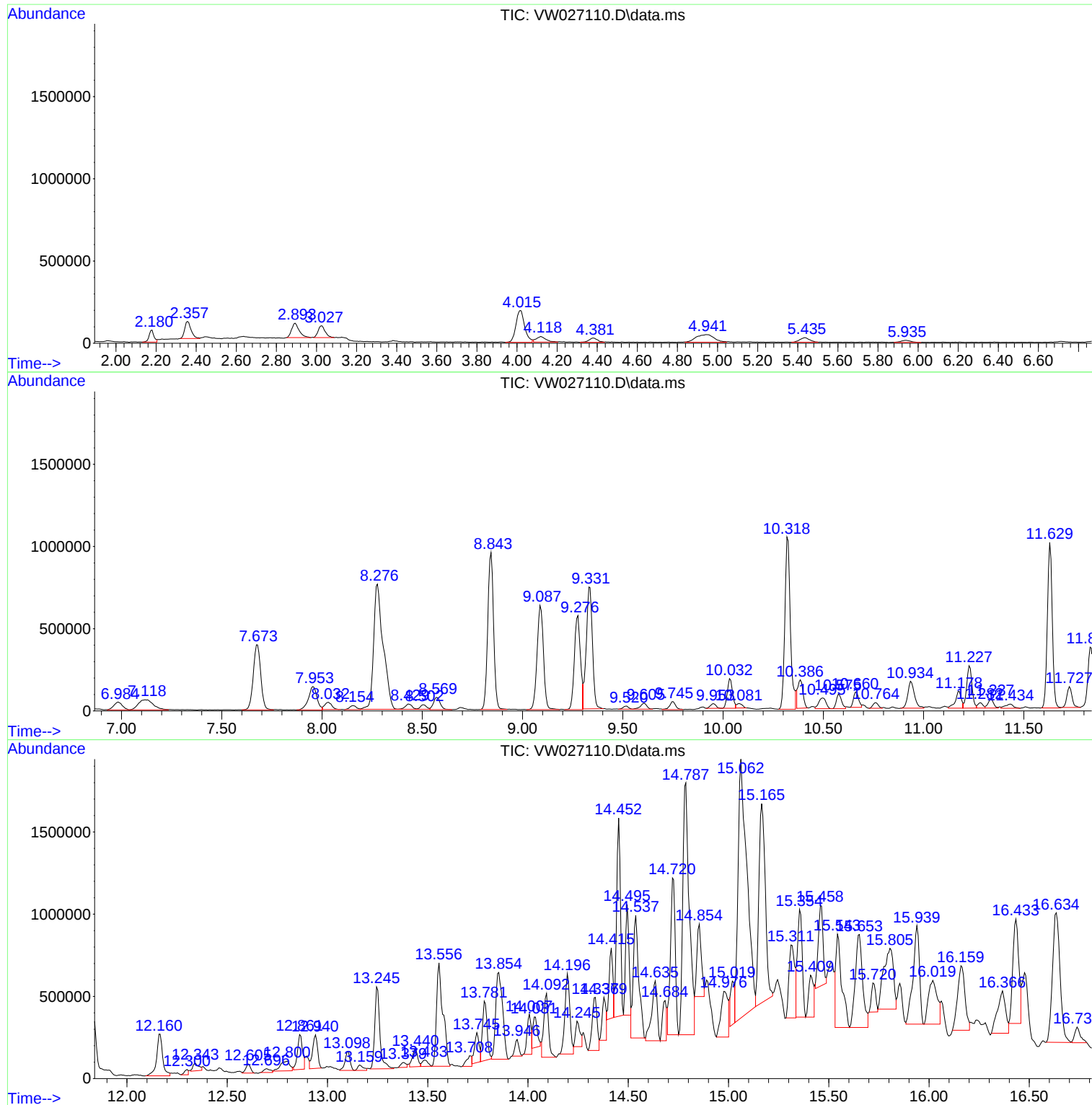
Sum of corrected areas: 65075969

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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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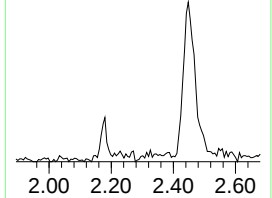
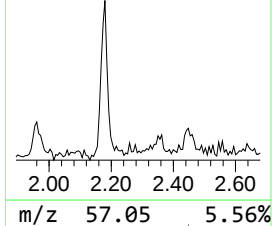
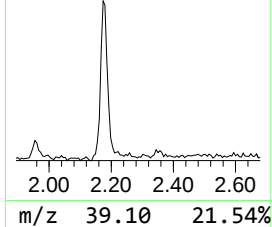
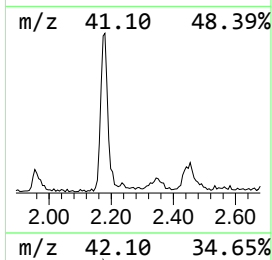
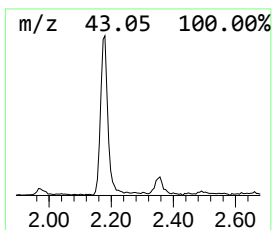
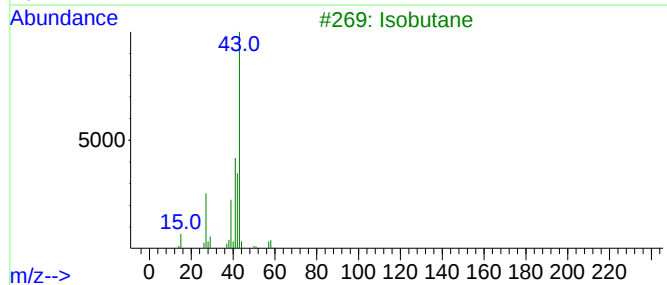
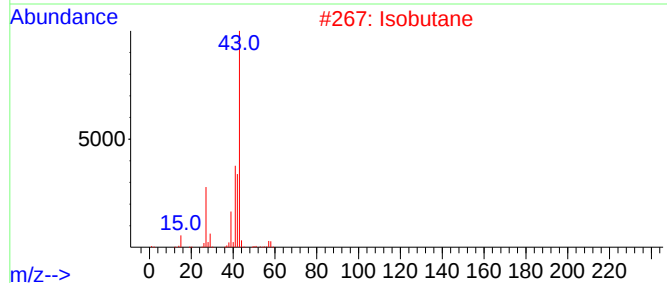
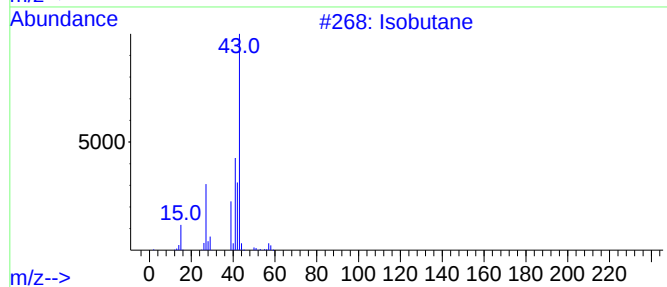
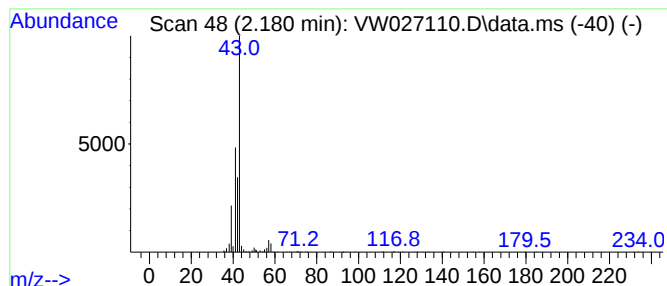
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.180	1.61 ug/L	123998	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	64
5		Isobutane	58	C4H10	000075-28-5	45



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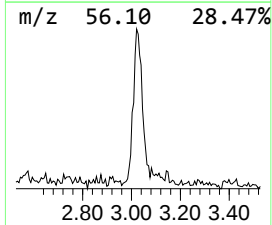
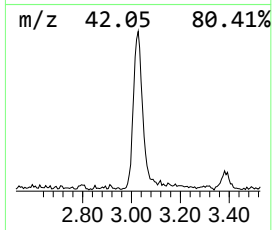
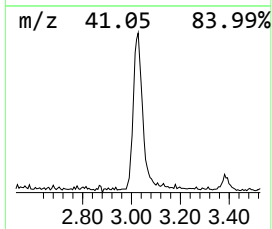
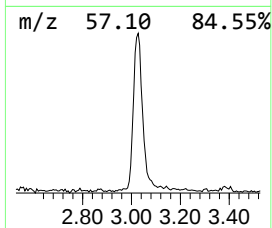
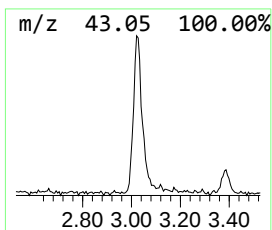
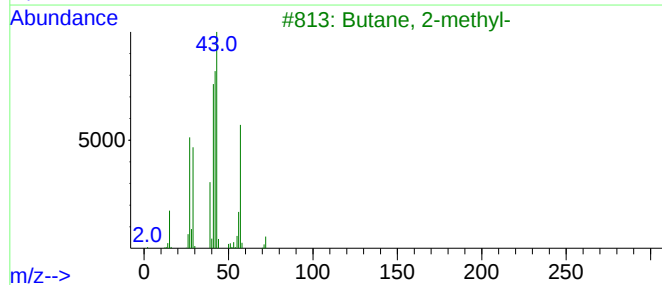
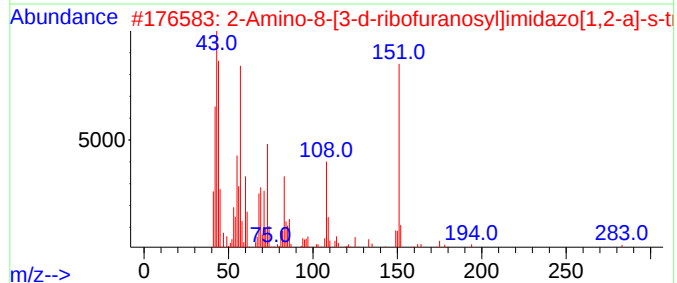
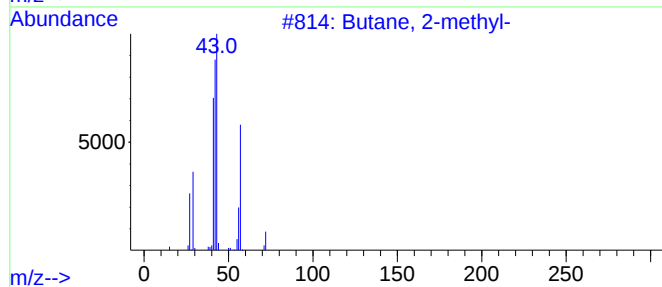
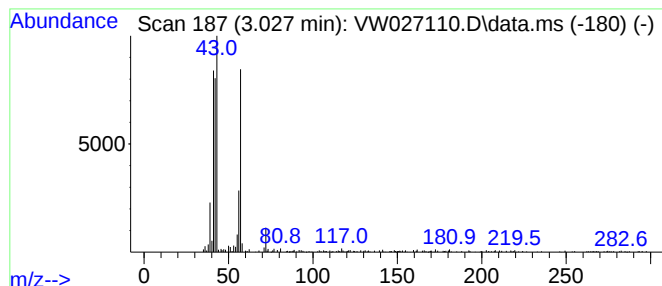
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	2.28 ug/L	175304	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	78
2	2-Amino-8-[3-d-ribofuranosyl]imi...			283	C10H13N5O5	067410-65-5	64
3	Butane, 2-methyl-			72	C5H12	000078-78-4	59
4	Pentane			72	C5H12	000109-66-0	58
5	3-Buten-1-ol			72	C4H8O	000627-27-0	50



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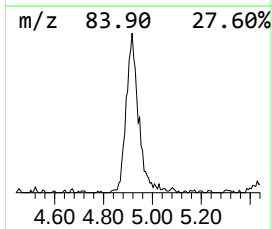
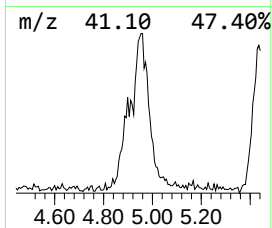
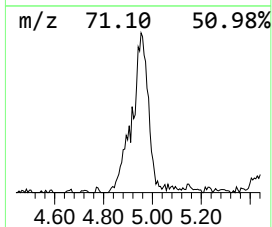
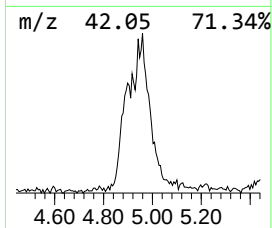
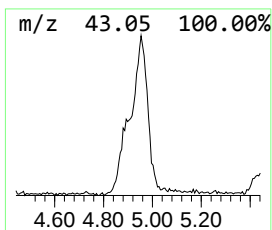
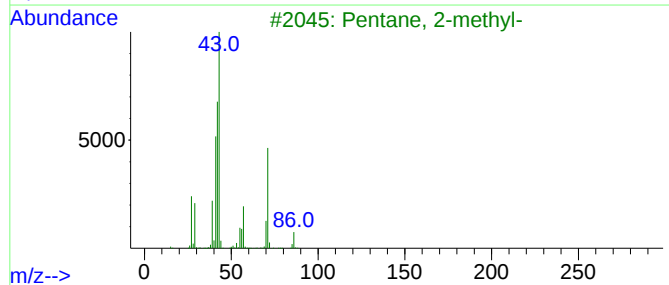
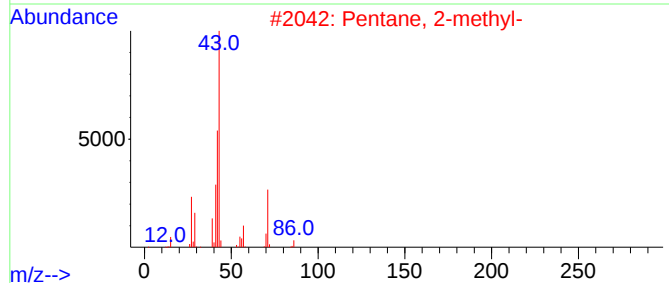
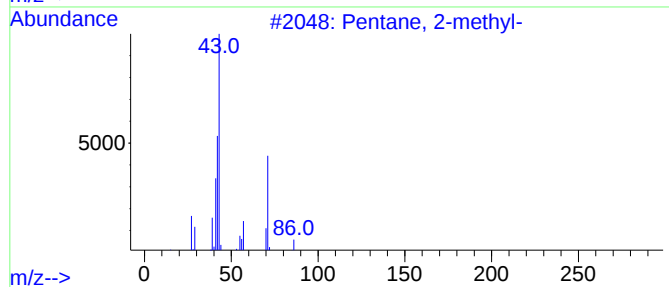
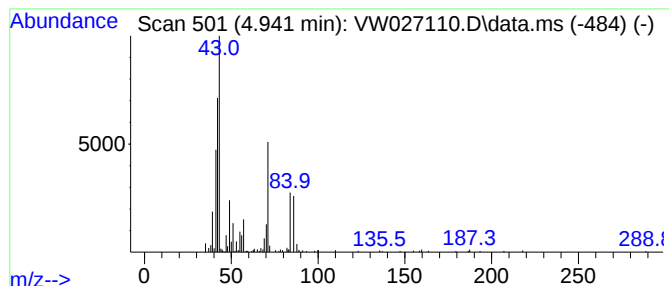
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.941	3.73 ug/L	287222	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	27
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	16
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

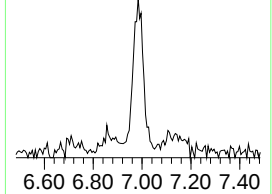
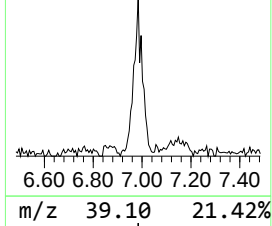
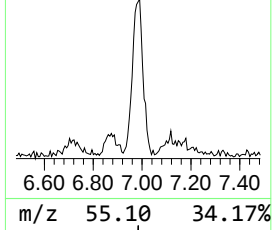
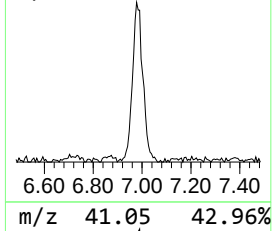
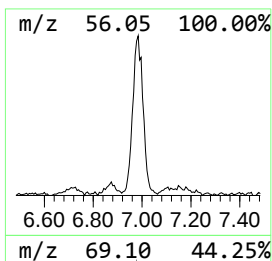
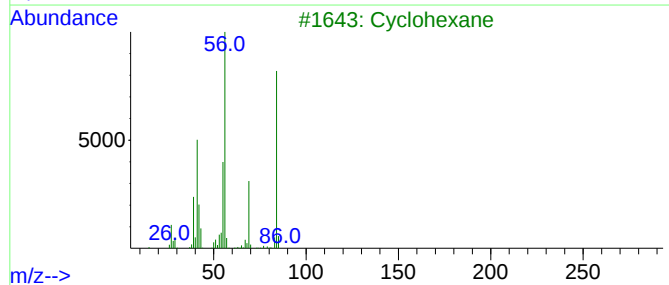
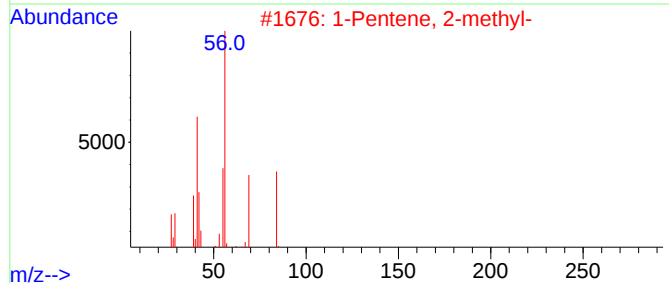
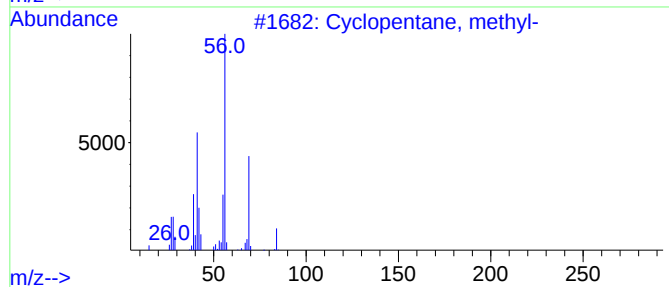
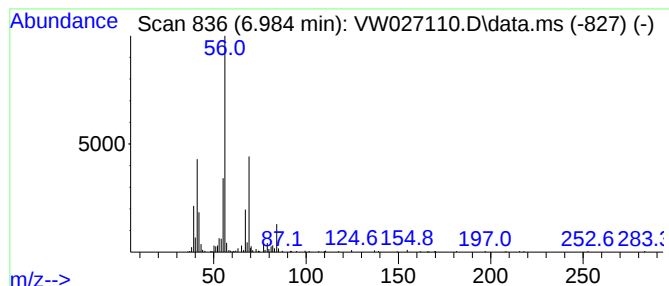
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic6.984 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.984	1.81 ug/L	139343	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3		Cyclohexane	84	C6H12	000110-82-7	64
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

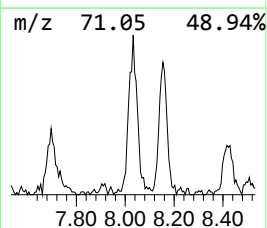
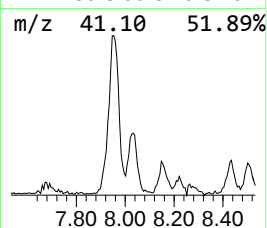
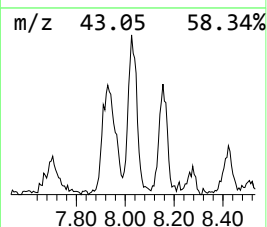
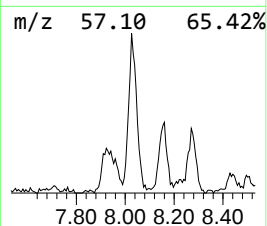
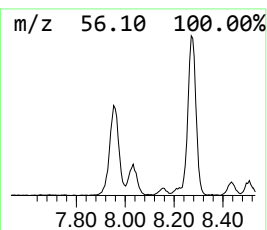
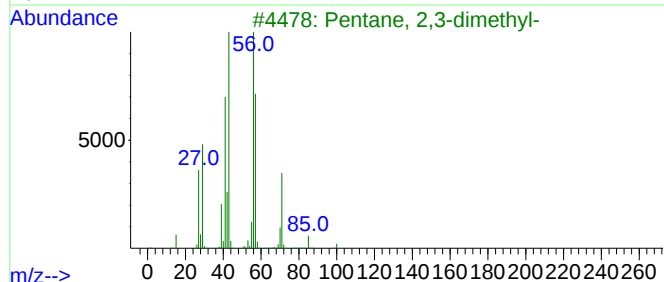
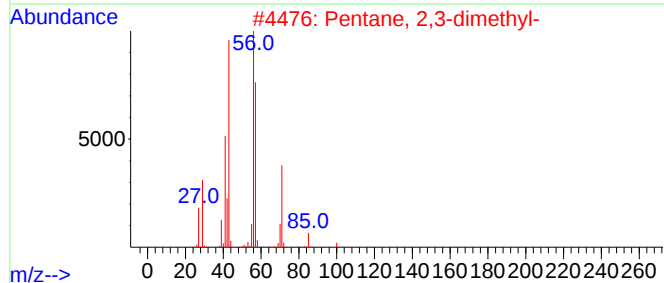
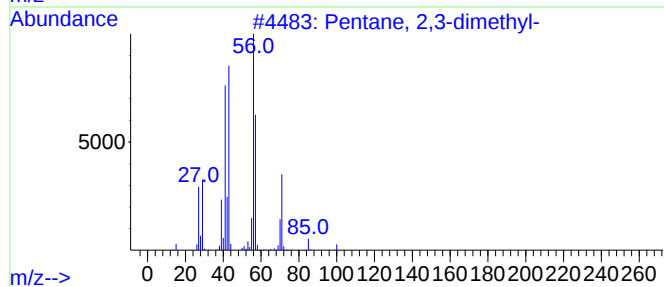
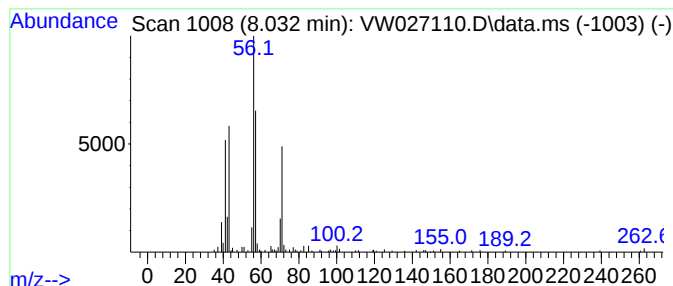
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	1.41 ug/L	108442	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
5			Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

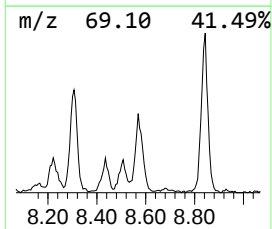
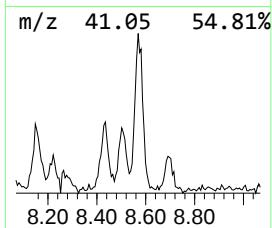
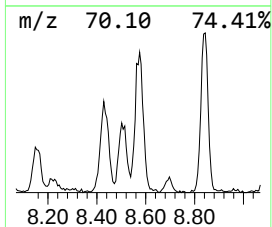
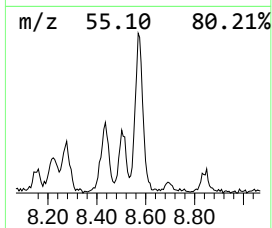
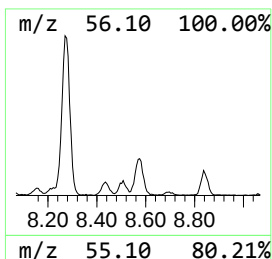
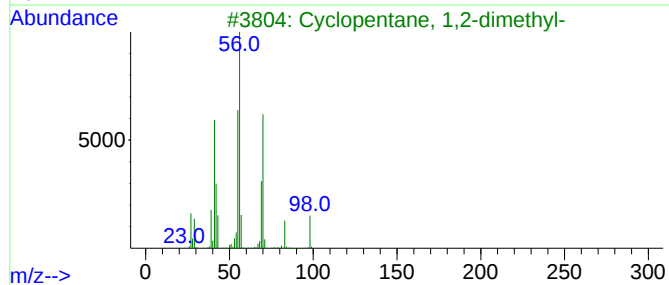
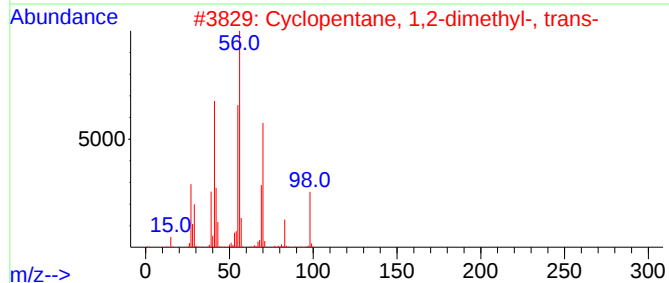
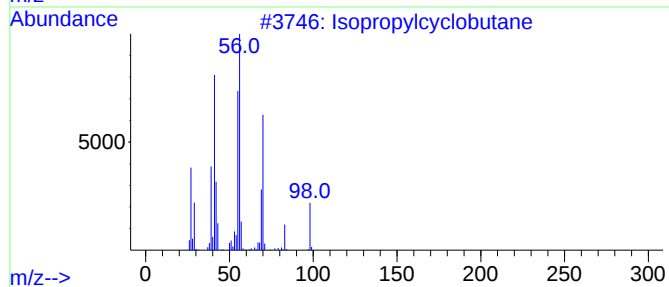
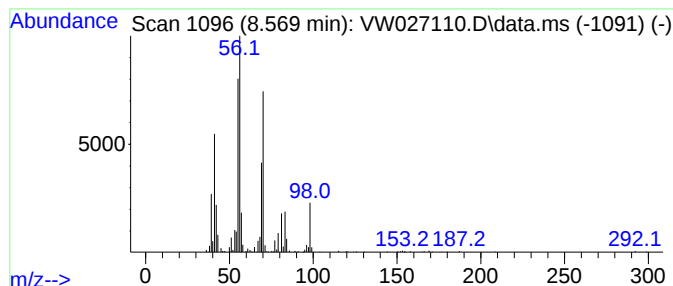
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic8.569 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	2.28 ug/L	175854	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropylcyclobutane	98	C7H14	000872-56-0	91
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5		1-Heptene	98	C7H14	000592-76-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

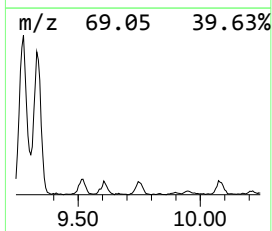
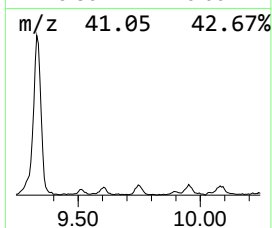
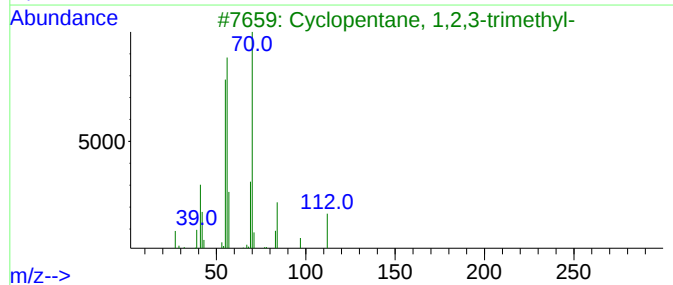
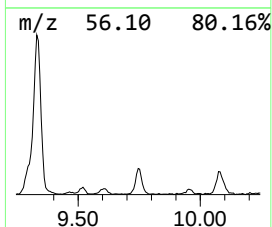
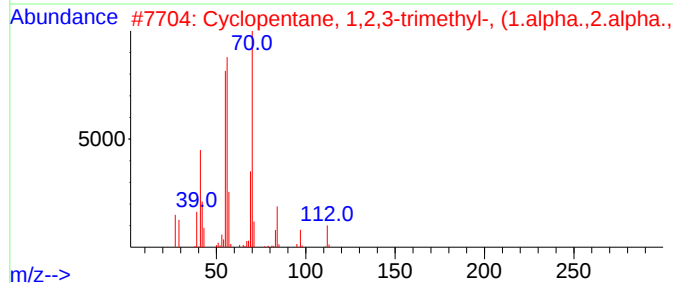
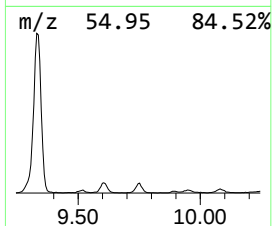
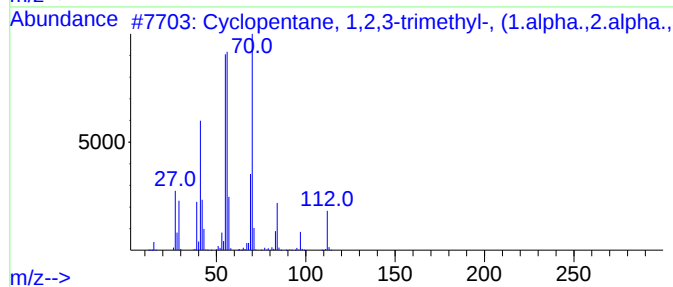
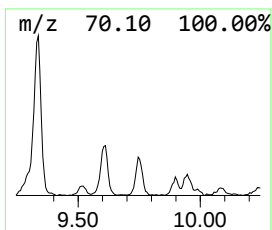
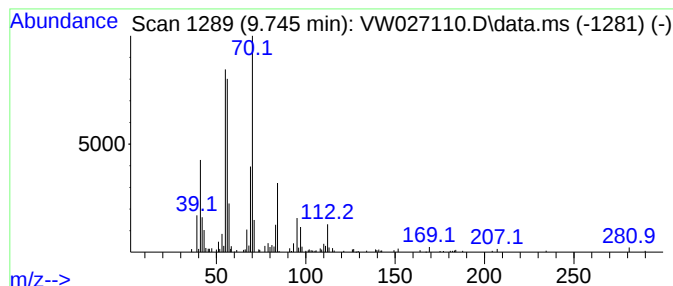
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic9.745 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	1.35 ug/L	103749	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	86
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	81
5			1-Octene, 3-methyl-	126	C9H18	013151-08-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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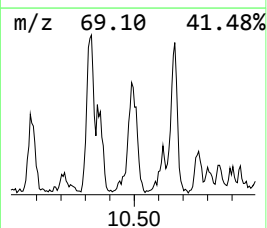
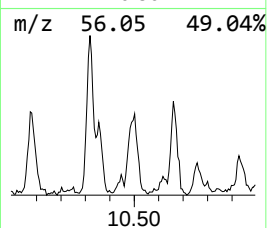
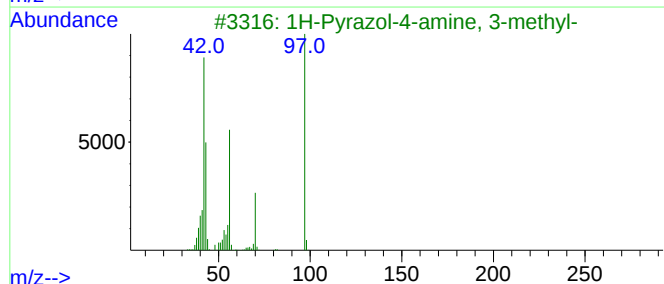
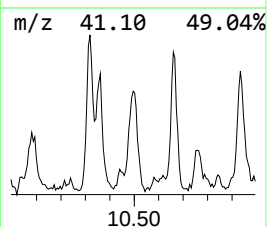
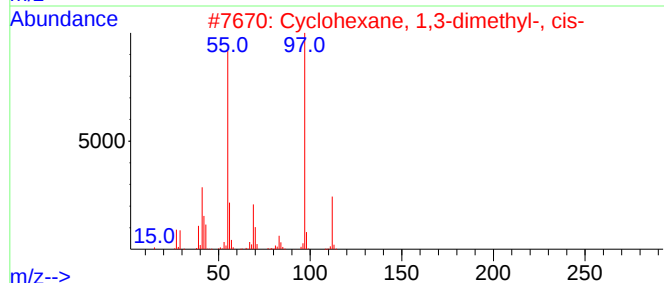
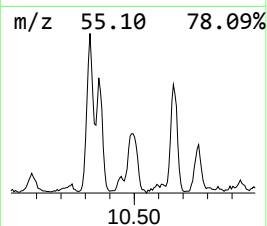
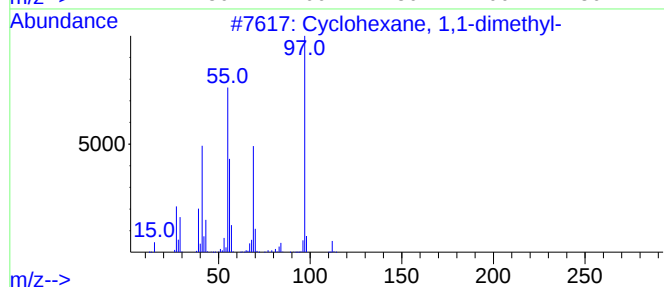
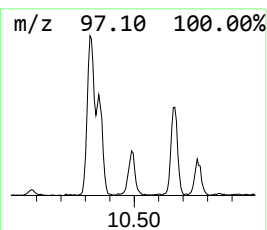
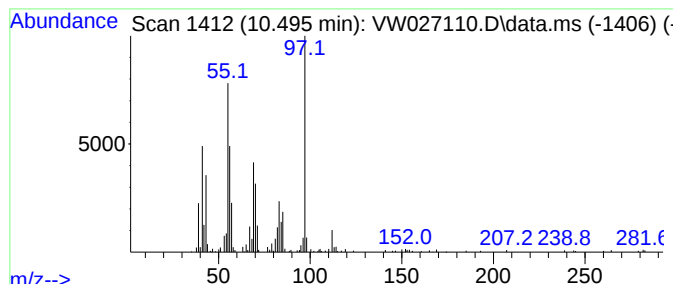
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic10.495 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.495	2.37 ug/L	161965	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
3			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	52
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	49
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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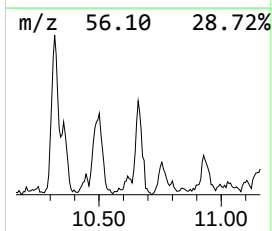
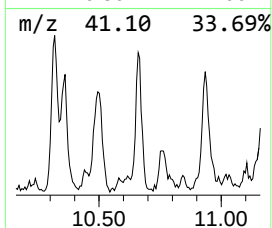
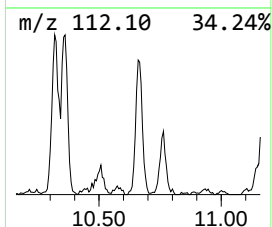
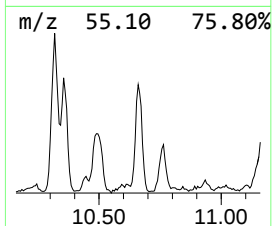
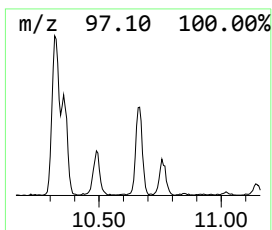
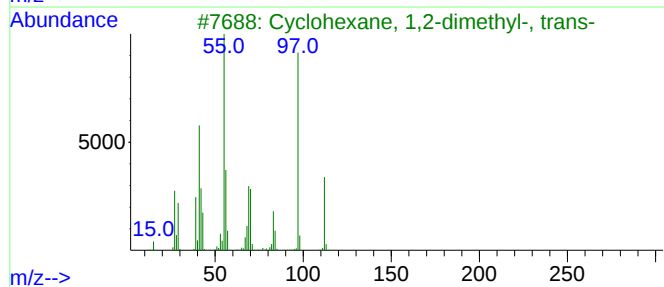
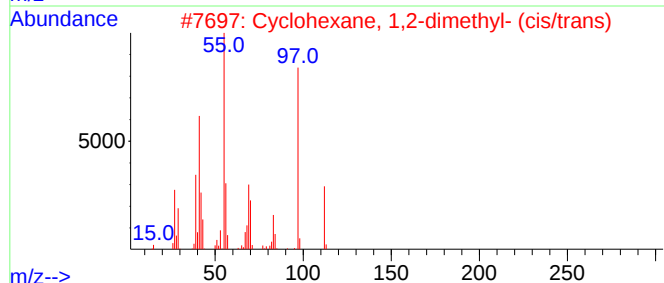
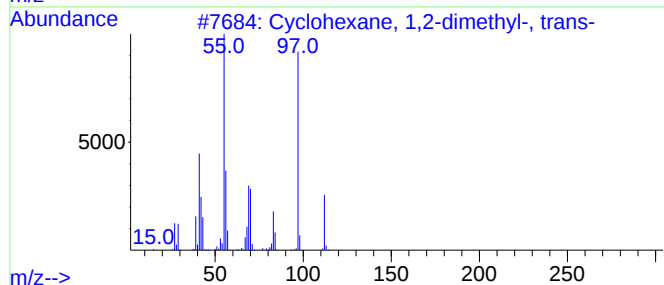
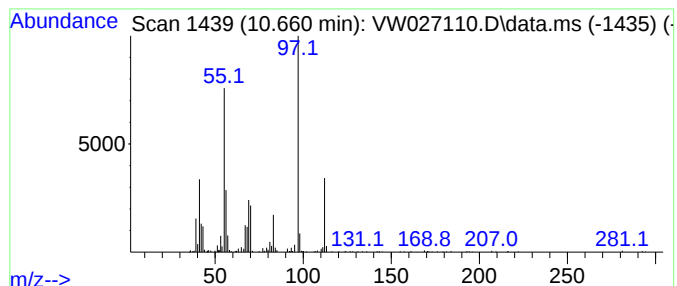
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic10.660 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	2.43 ug/L	166215	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

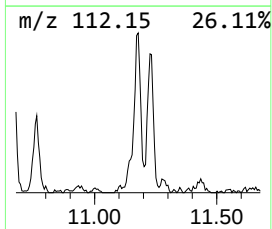
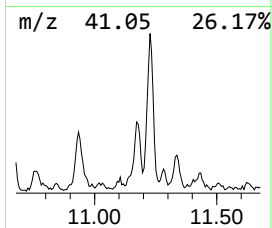
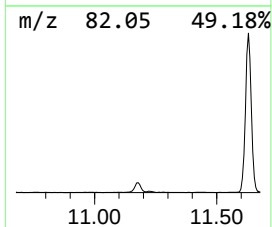
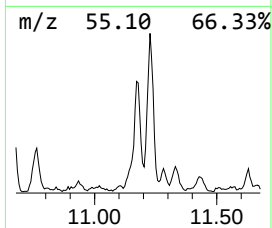
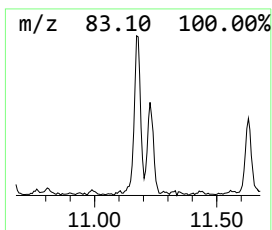
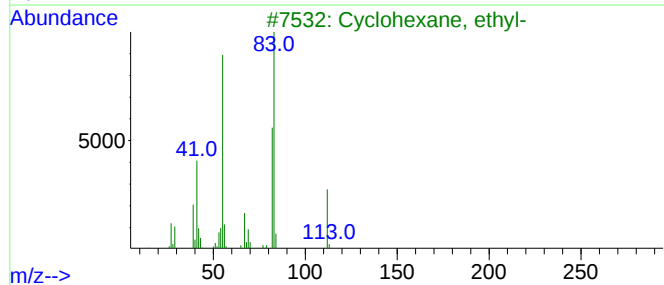
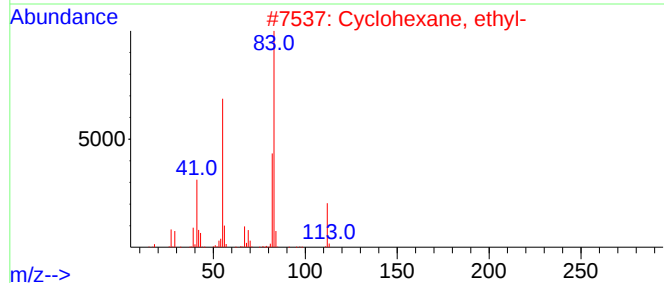
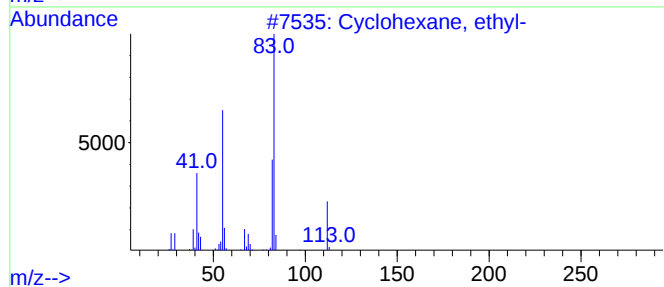
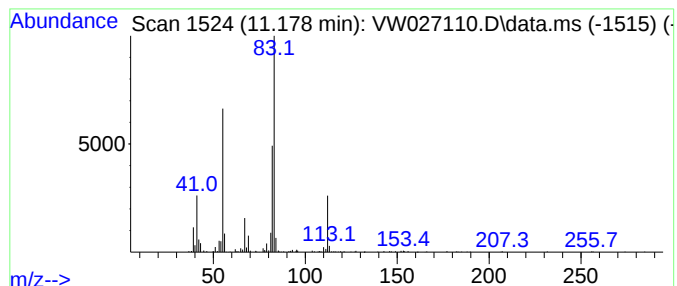
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.178 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	3.06 ug/L	208734	Chlorobenzene-d5	11.635

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	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

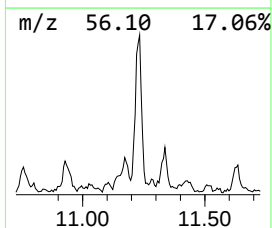
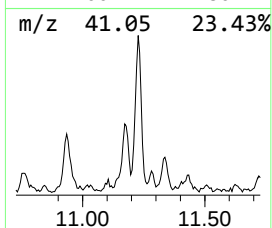
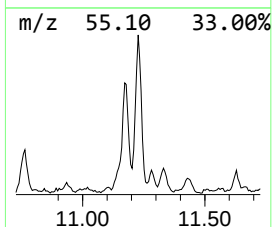
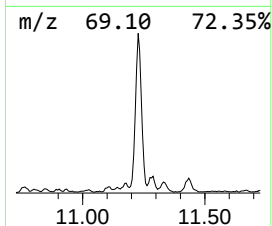
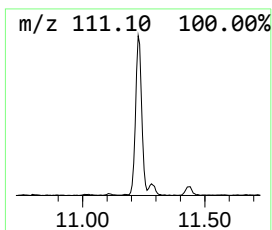
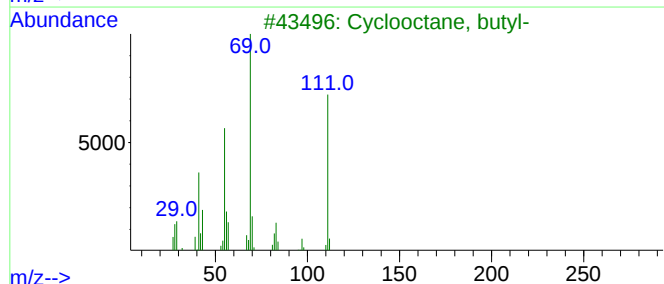
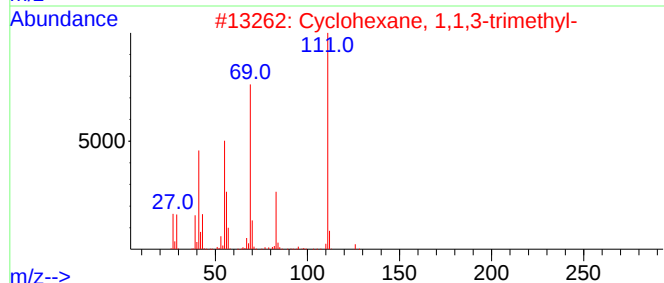
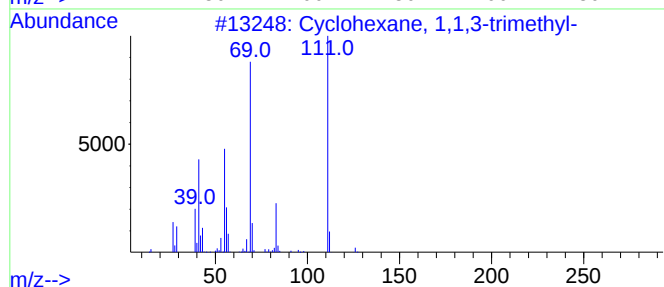
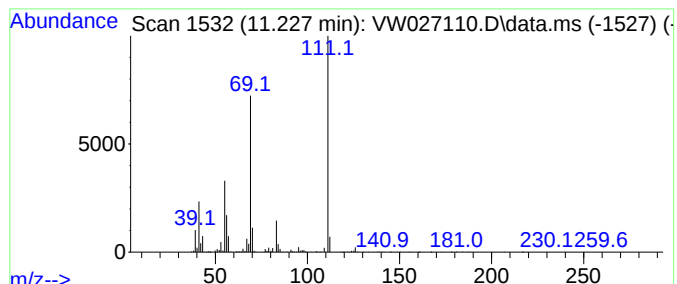
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic11.227 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	6.85 ug/L	468090	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	83
4			Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	78
5			1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

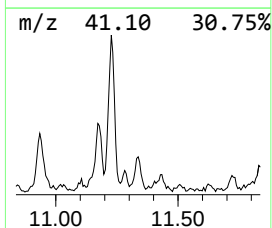
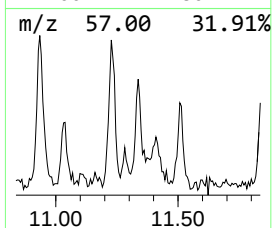
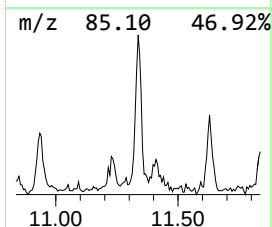
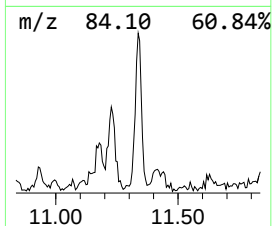
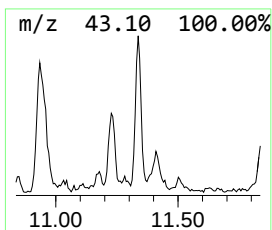
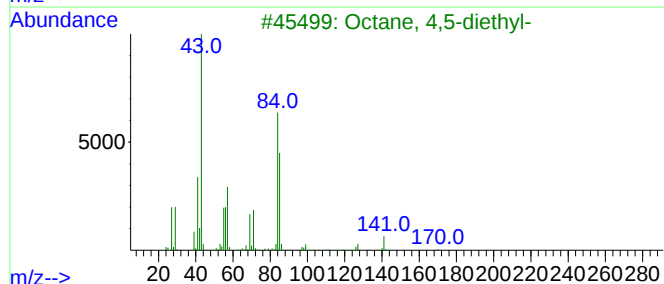
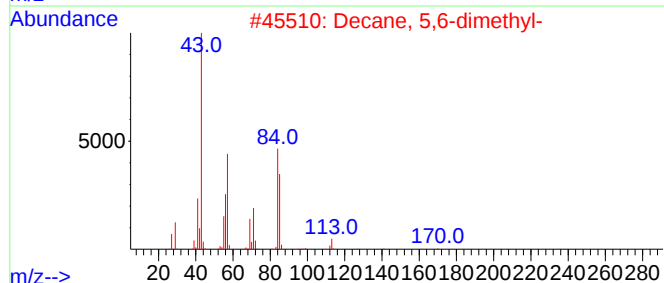
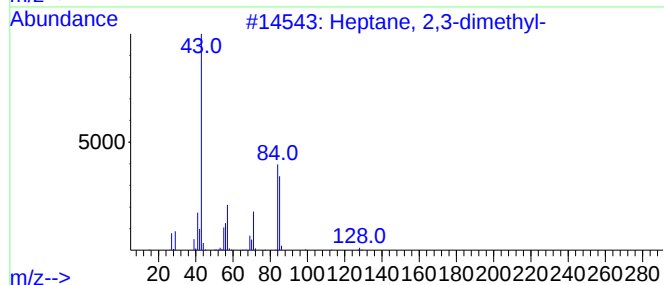
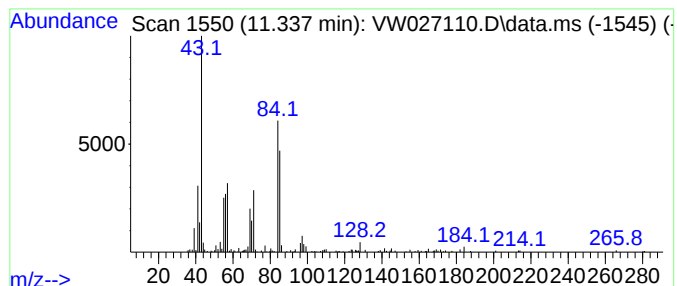
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	1.51 ug/L	103253	Chlorobenzene-d5	11.635

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
2		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	72
3		Octane, 4,5-diethyl-	170	C12H26	001636-41-5	68
4		Octane, 4,5-diethyl-	170	C12H26	001636-41-5	58
5		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

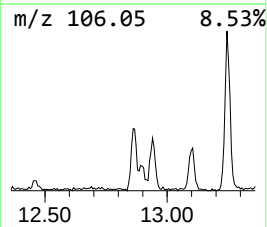
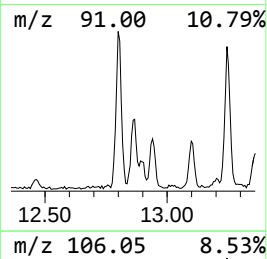
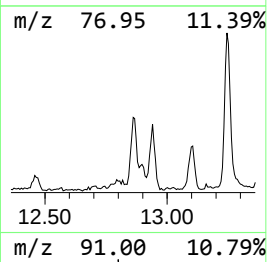
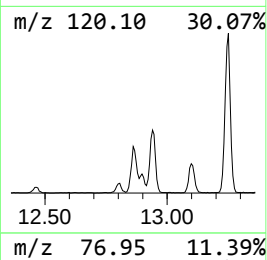
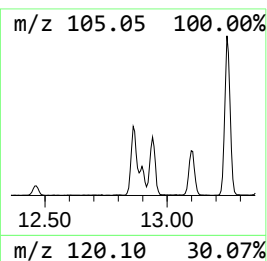
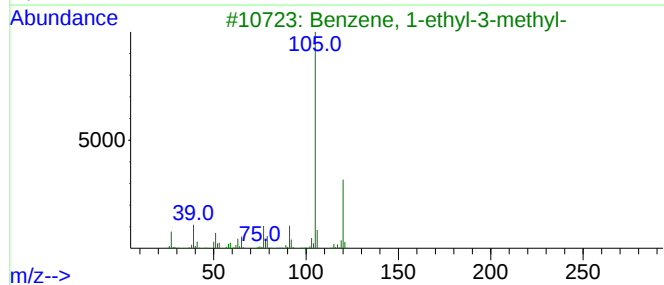
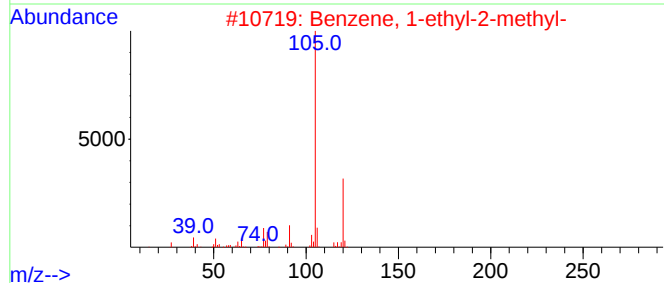
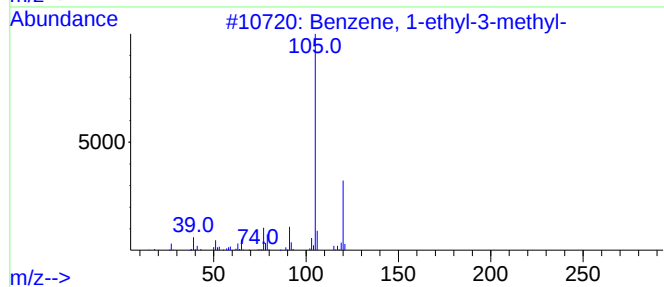
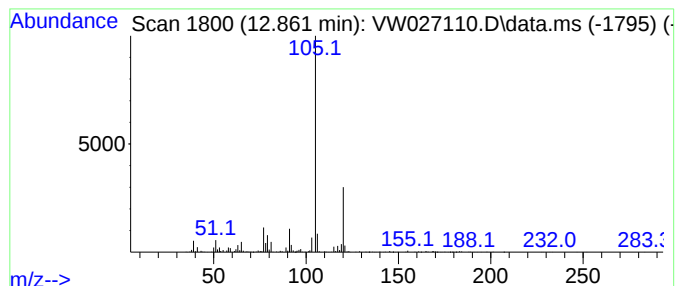
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-ethyl-3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	6.71 ug/L	373358	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

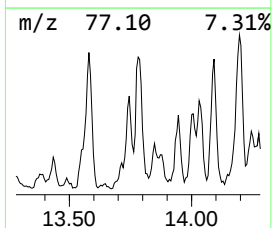
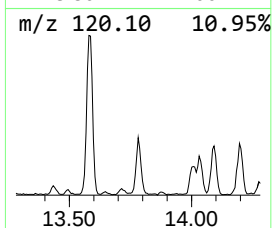
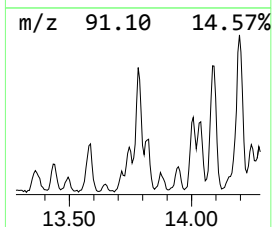
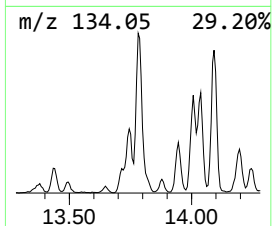
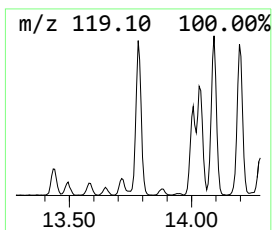
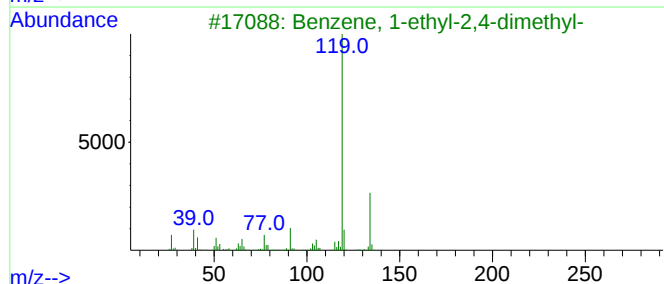
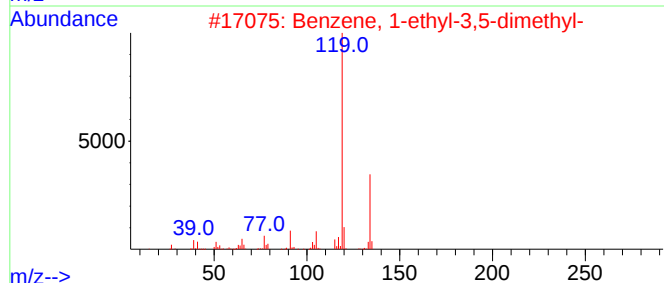
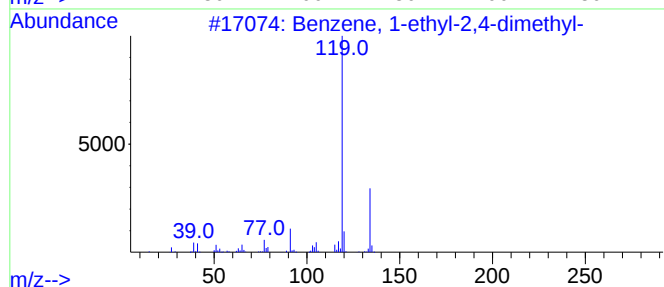
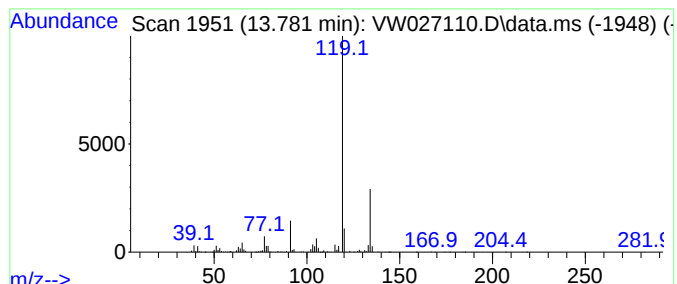
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	10.28 ug/L	572089	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

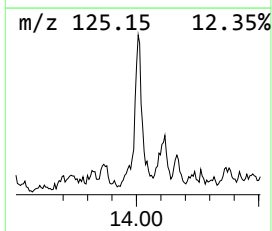
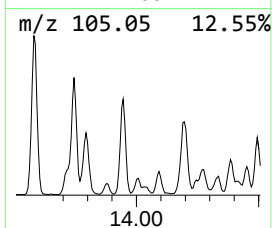
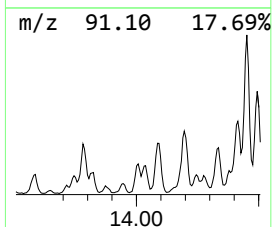
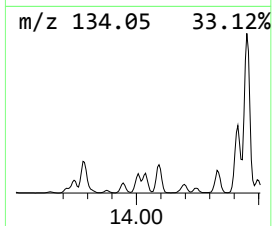
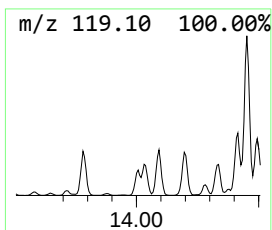
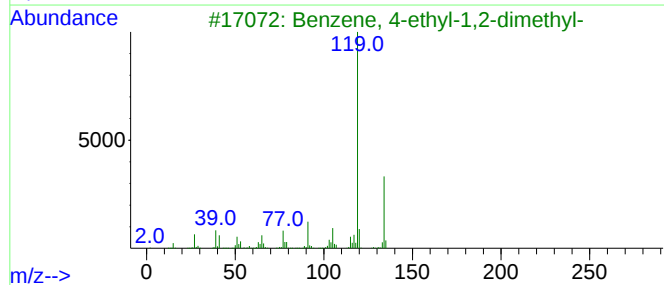
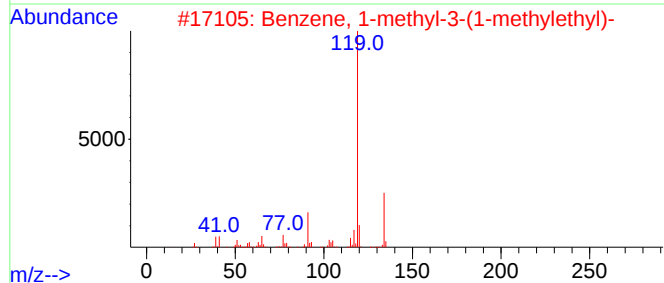
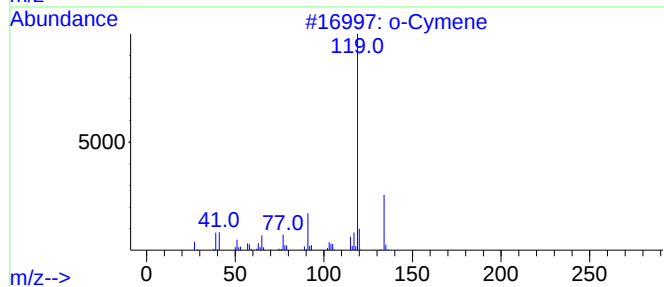
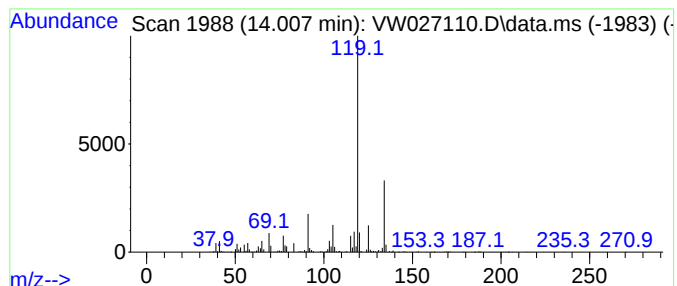
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	6.42 ug/L	357186	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			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

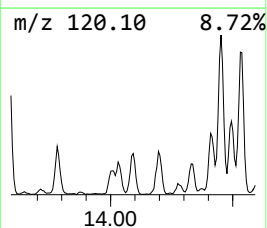
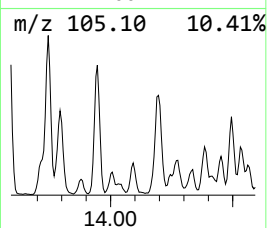
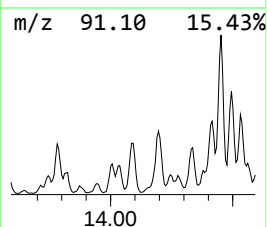
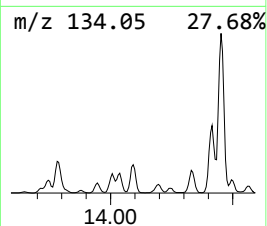
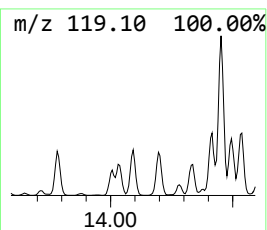
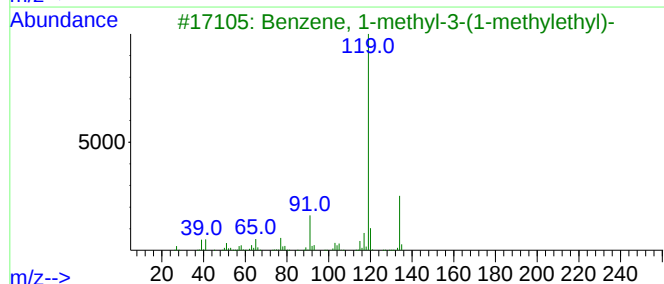
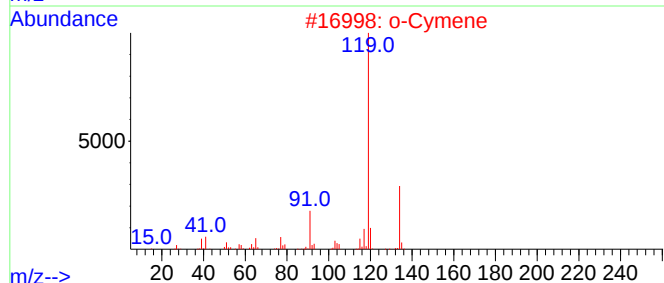
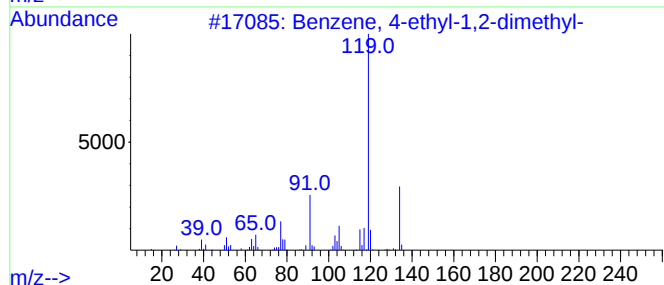
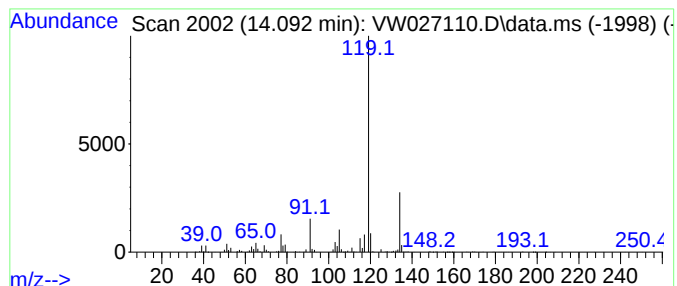
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	11.07 ug/L	615951	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			p-Cymene	134	C10H14	000099-87-6	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

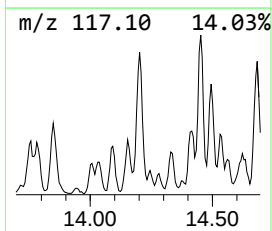
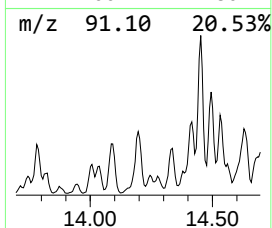
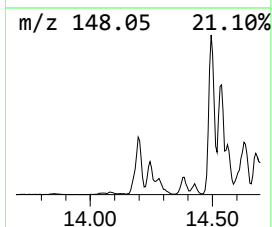
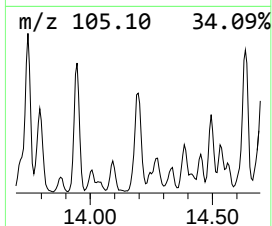
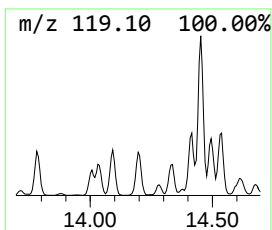
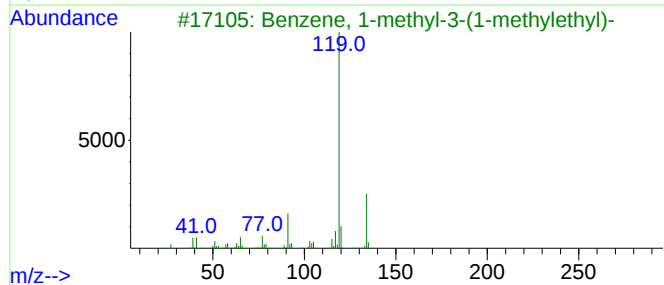
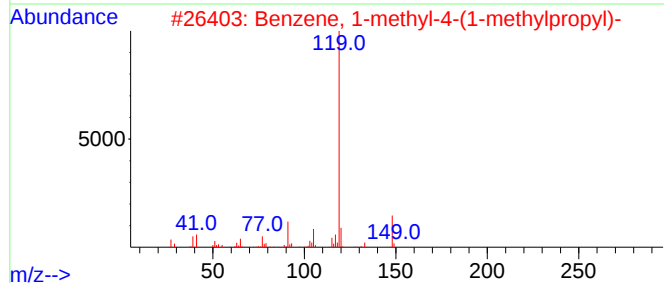
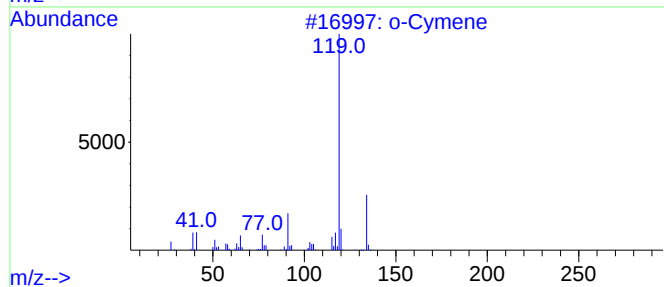
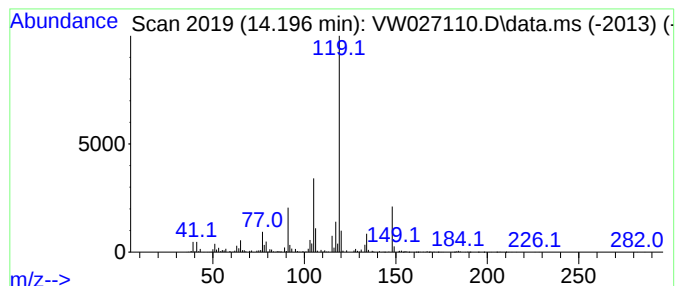
Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.196	15.18 ug/L	844376	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	92
2	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	81
3	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	70
4	o-Cymene		134	C10H14	000527-84-4	70
5	1,3-Cyclopentadiene, 1,2,3,4-tet...		134	C10H14	076089-59-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

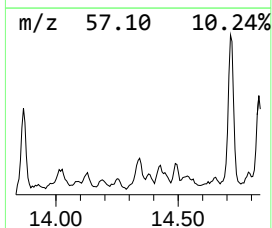
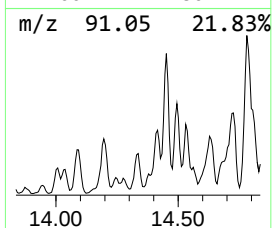
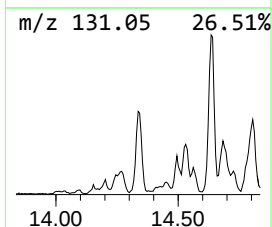
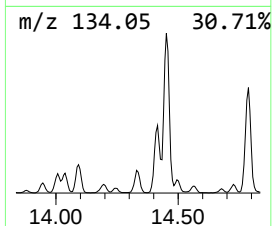
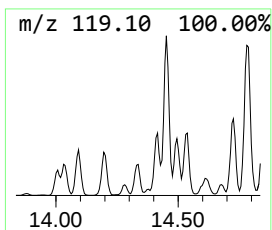
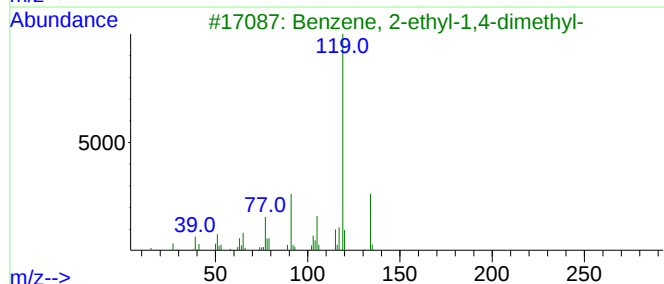
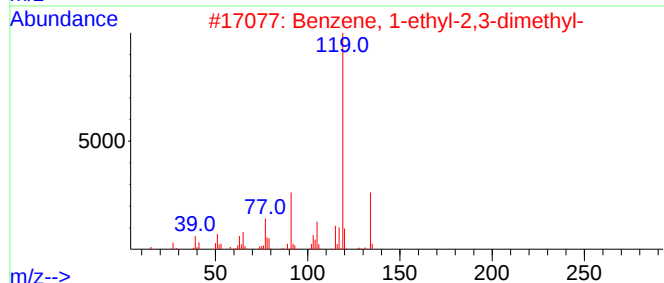
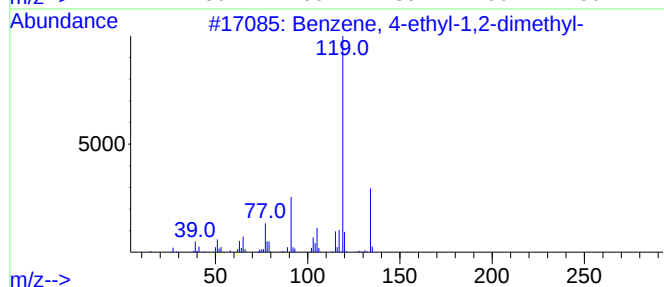
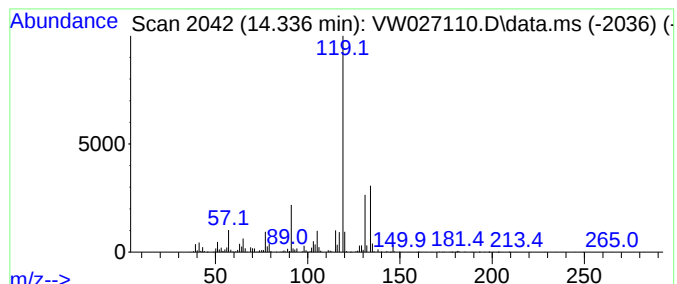
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	10.03 ug/L	558164	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

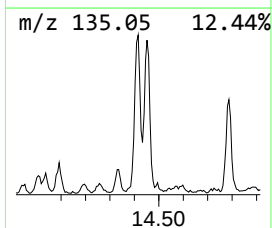
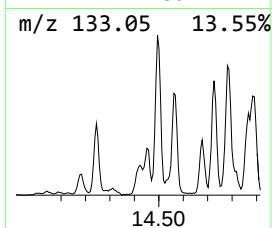
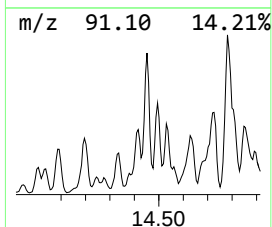
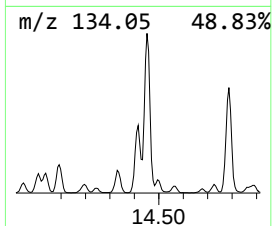
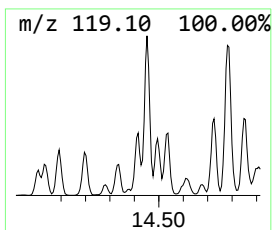
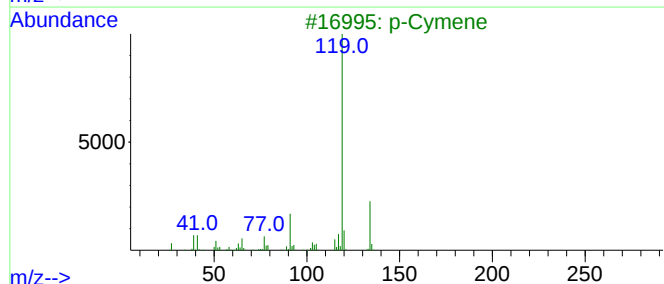
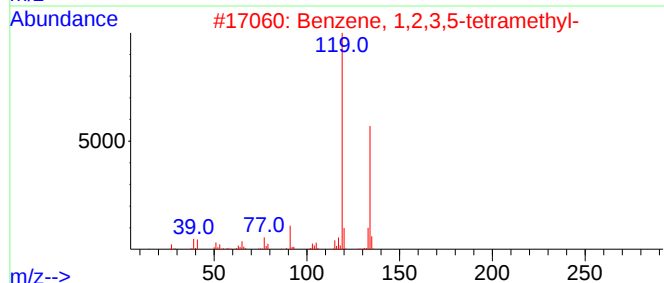
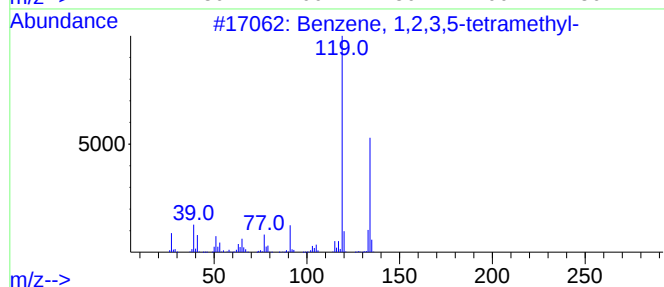
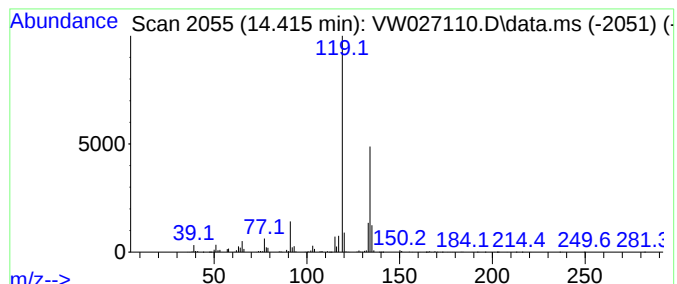
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	10.07 ug/L	560218	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

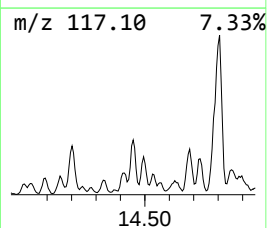
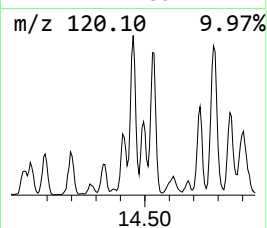
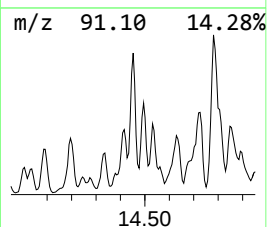
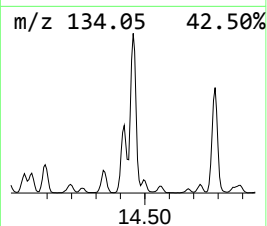
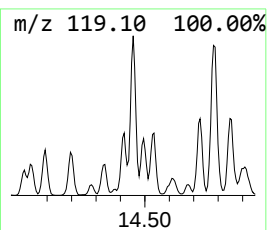
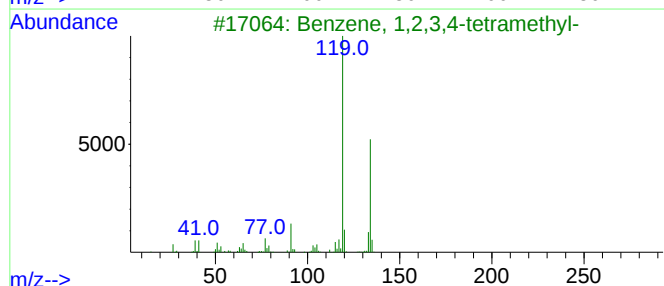
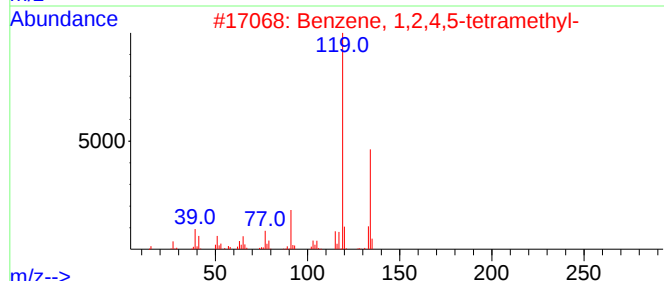
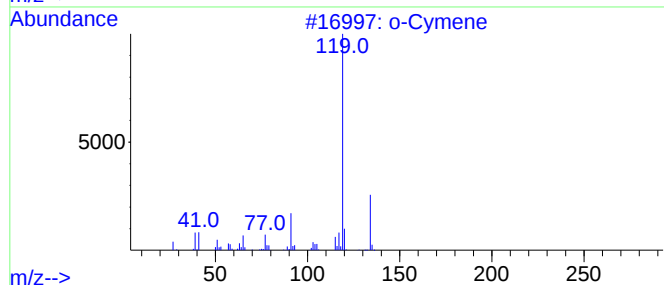
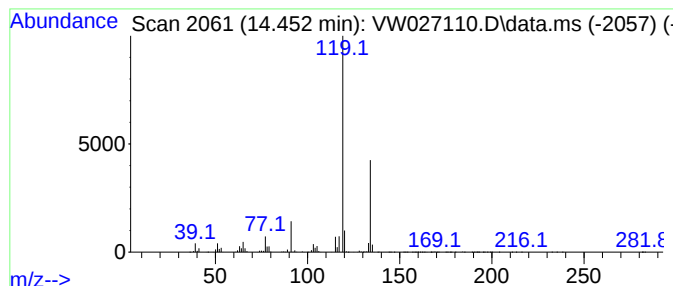
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Quant Title : SFAM01.0

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

Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	28.76 ug/L	1600220	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			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

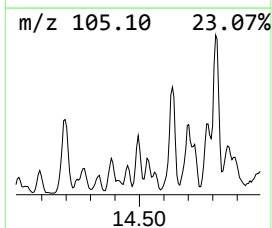
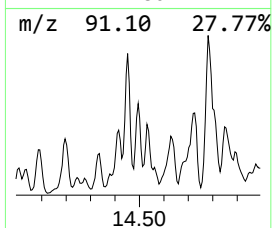
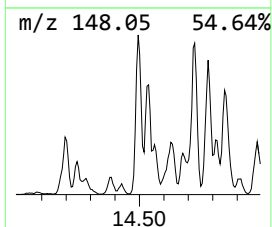
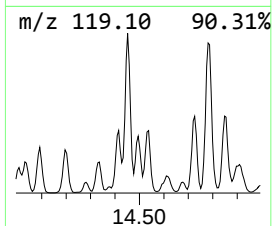
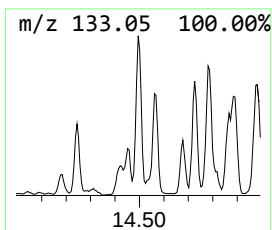
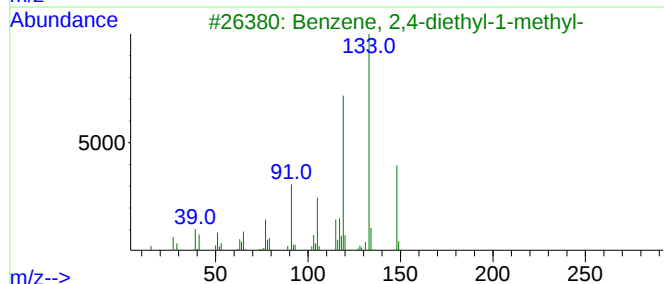
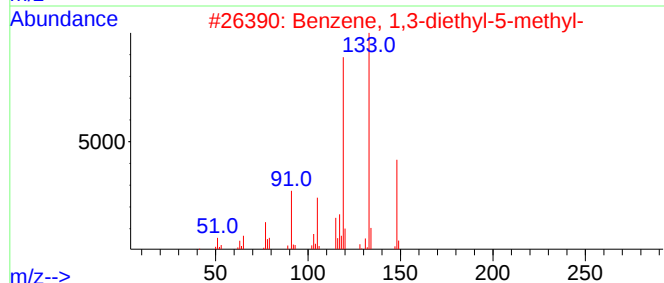
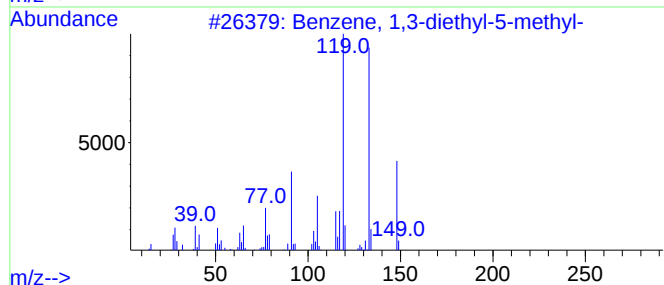
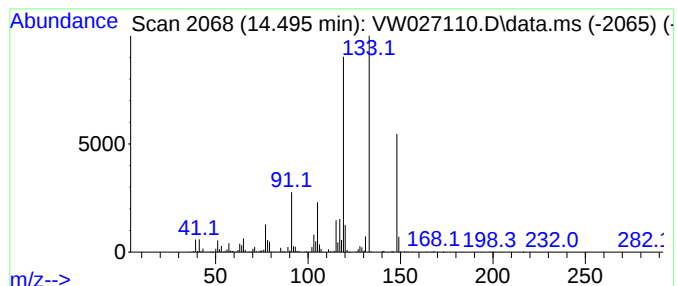
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Quant Title : SFAM01.0

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

Peak Number 34 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	14.42 ug/L	802315	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	96
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

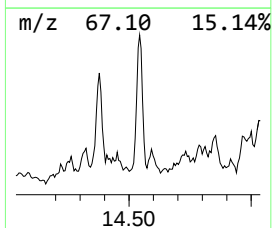
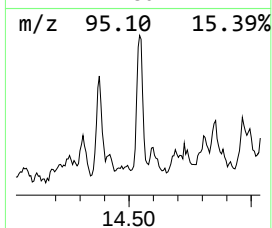
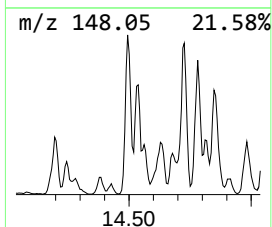
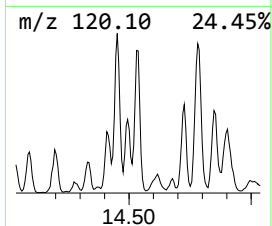
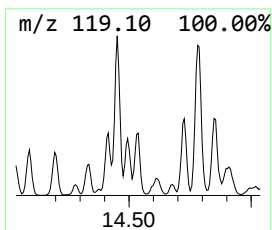
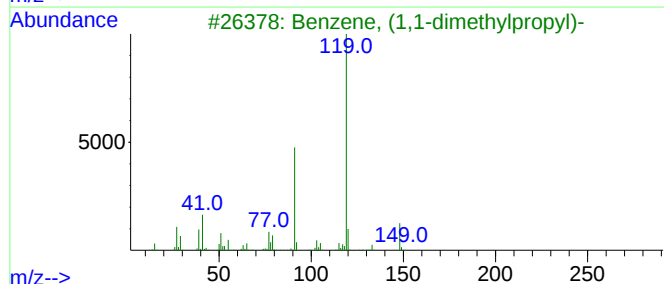
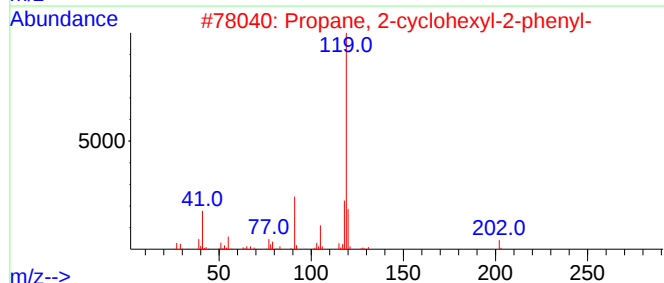
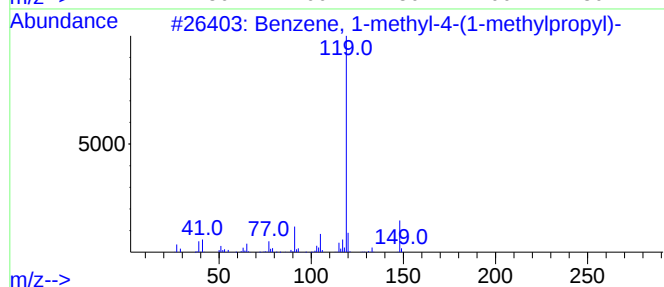
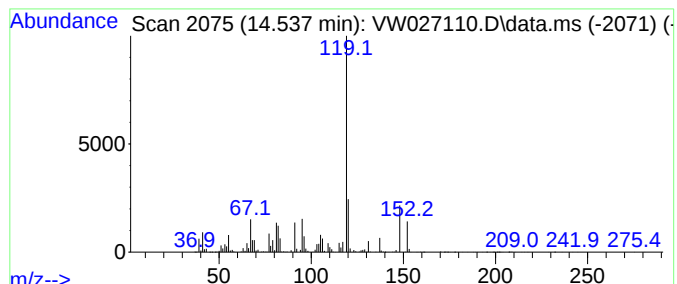
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Quant Title : SFAM01.0

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

Peak Number 35 Propane, 2-cyclohexyl-2-phe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	25.01 ug/L	1391460	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
2			Propane, 2-cyclohexyl-2-phenyl-	202	C15H22	025683-97-0	50
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

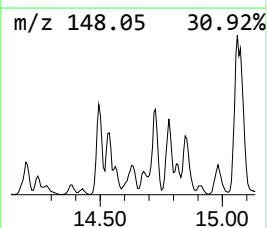
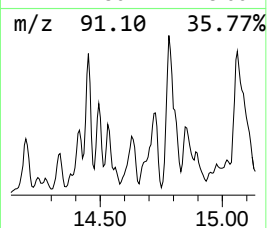
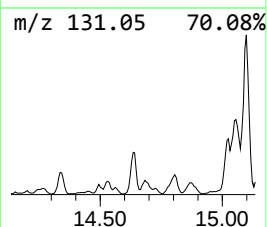
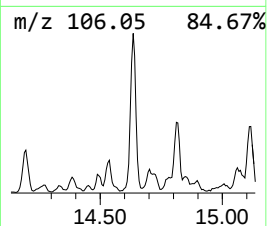
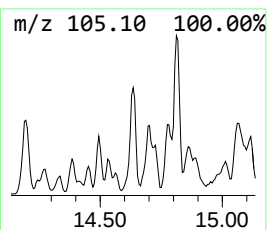
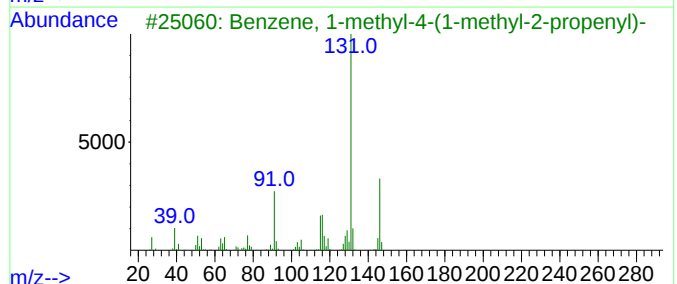
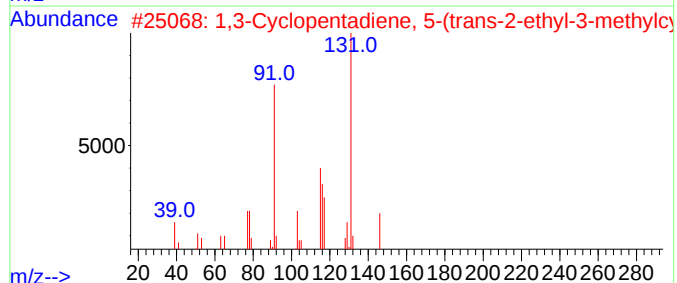
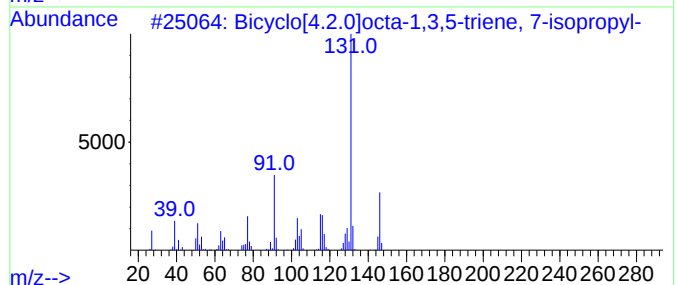
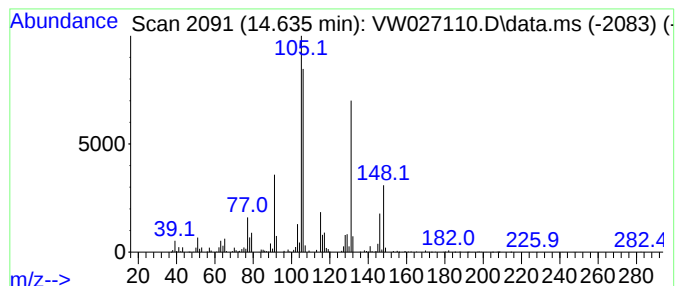
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Quant Title : SFAM01.0

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

Peak Number 36 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	12.51 ug/L	696247	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	42
2			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

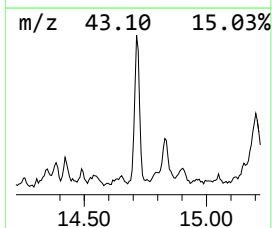
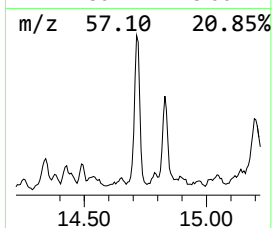
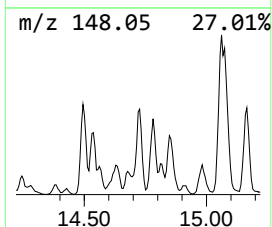
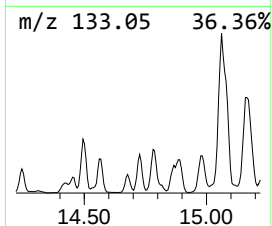
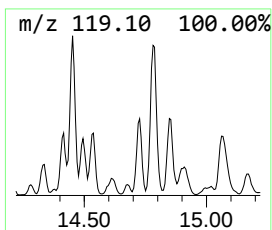
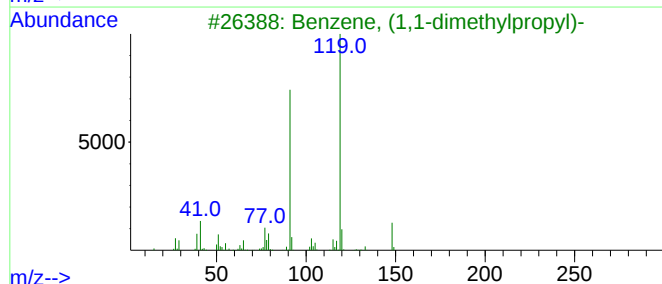
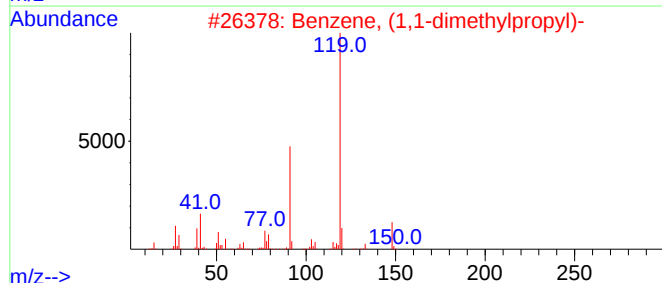
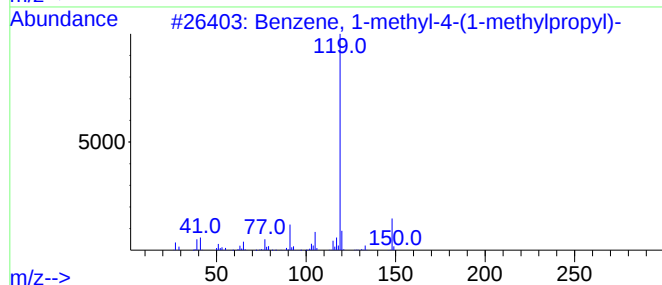
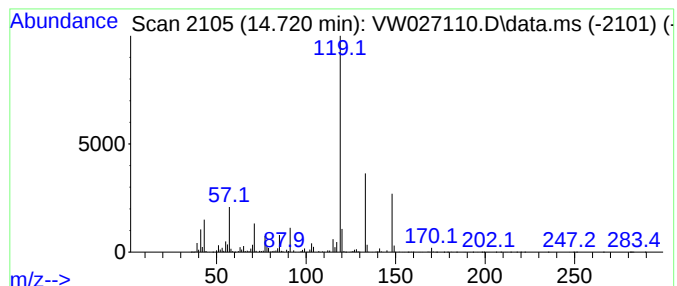
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Quant Title : SFAM01.0

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

Peak Number 38 Benzene, (1,1-dimethylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	28.15 ug/L	1566100	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

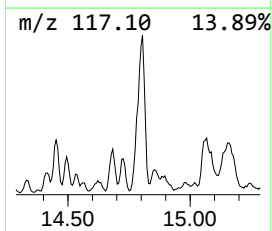
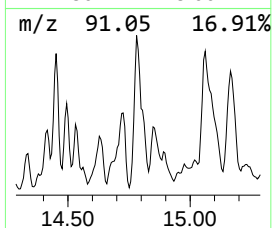
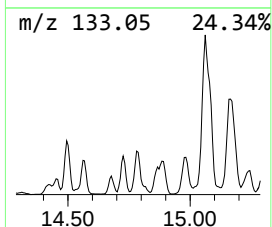
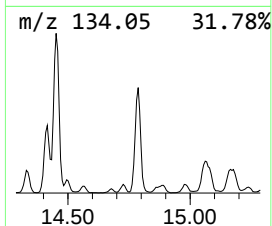
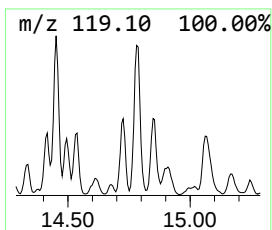
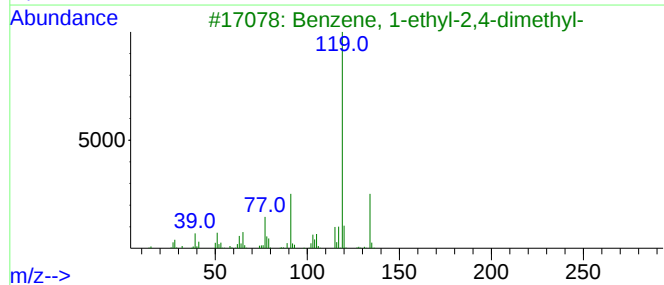
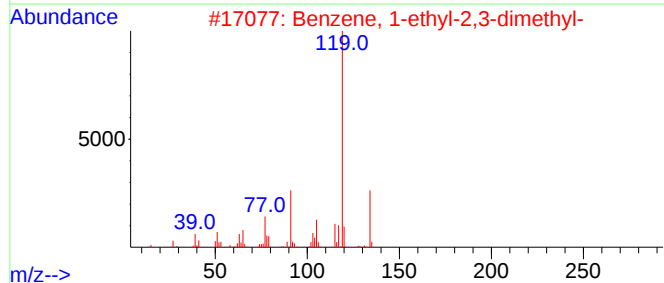
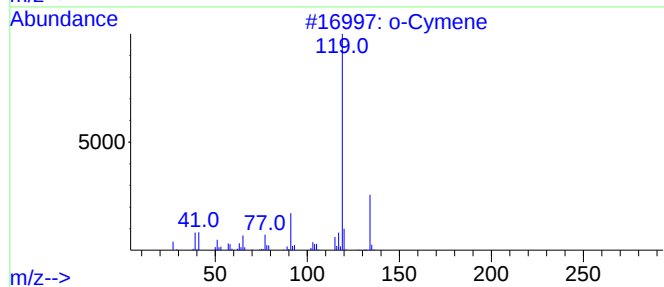
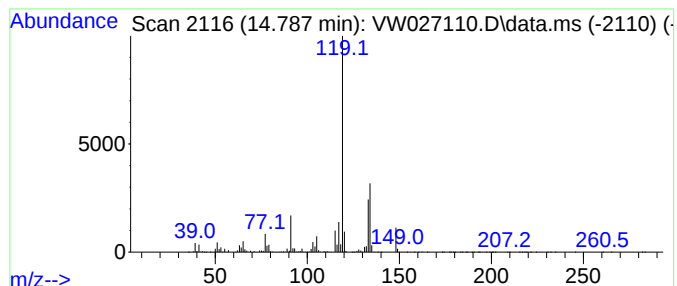
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	61.86 ug/L	3441540	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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4			o-Cymene	134	C10H14	000527-84-4	90
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

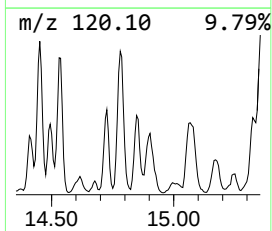
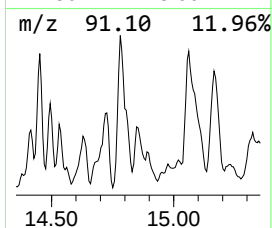
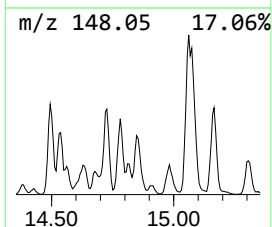
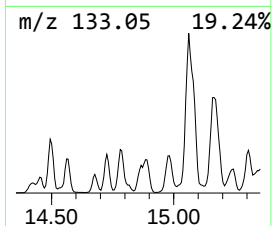
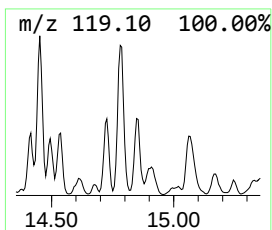
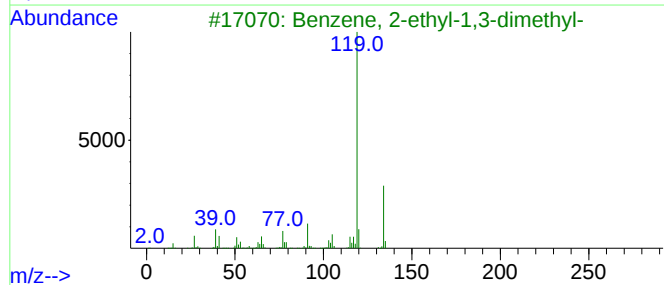
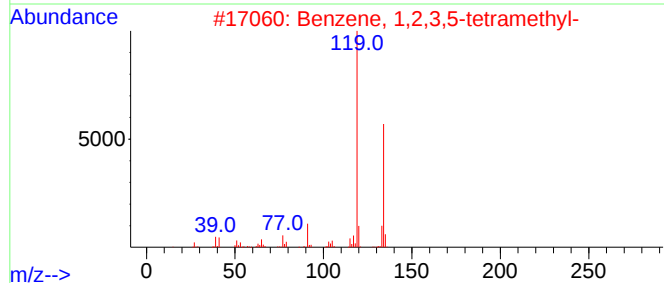
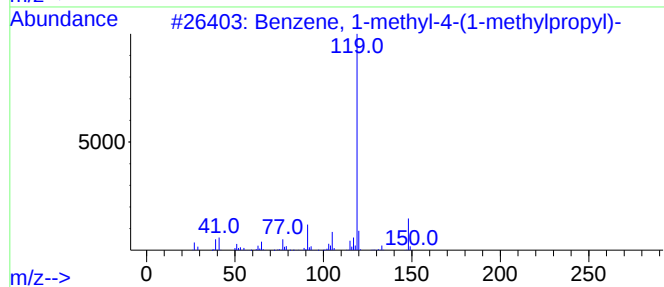
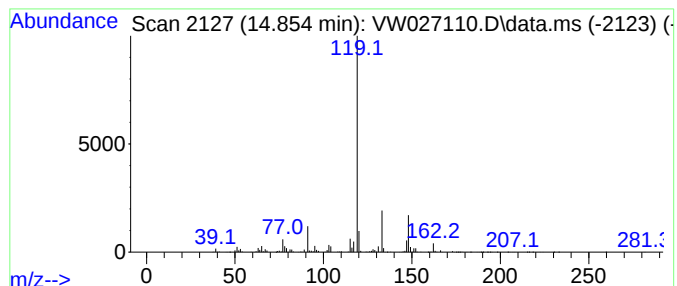
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Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.854	12.30 ug/L	684343	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

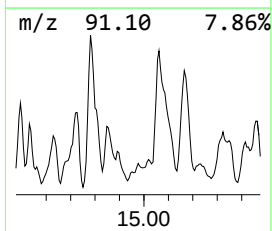
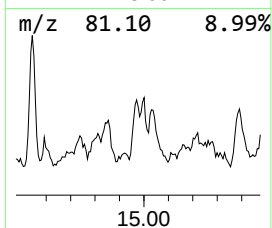
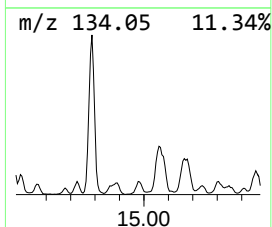
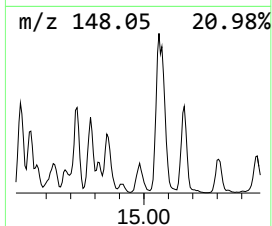
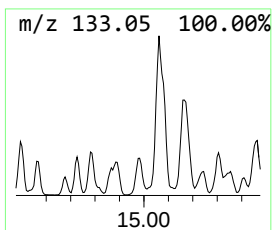
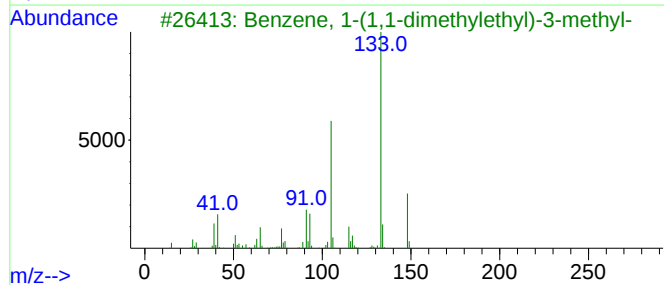
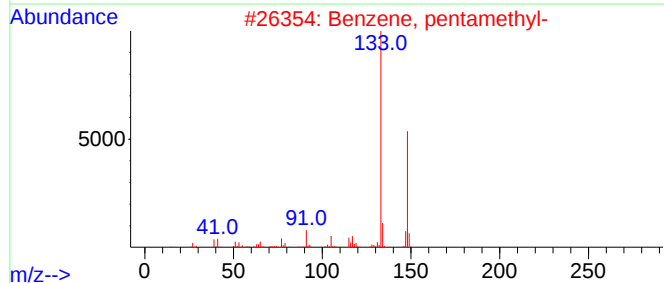
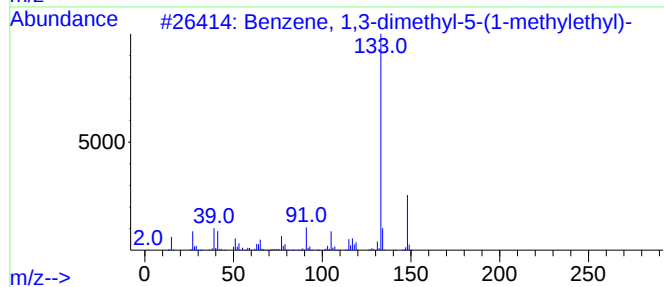
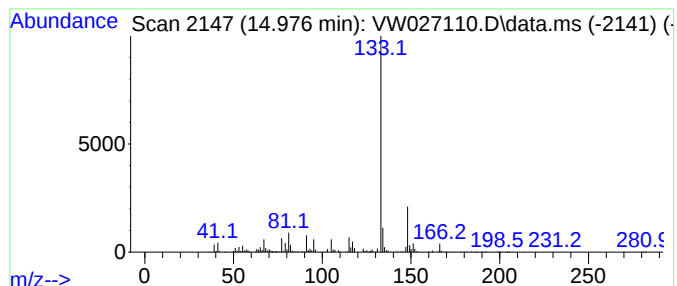
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, pentamethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.976	12.30 ug/L	684575	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	74
4			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	74
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

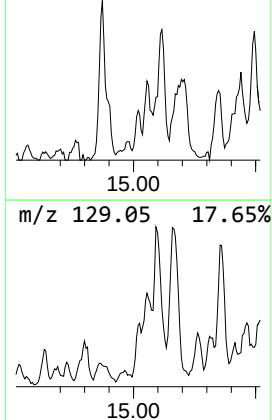
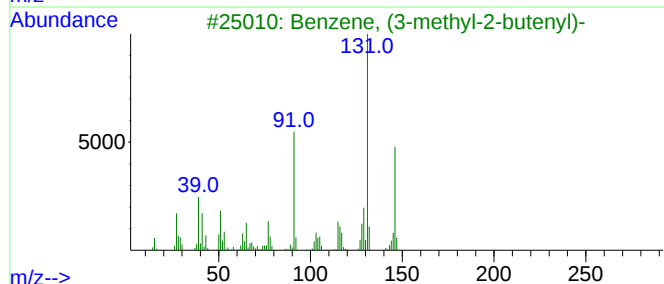
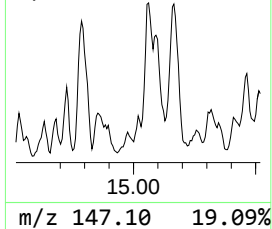
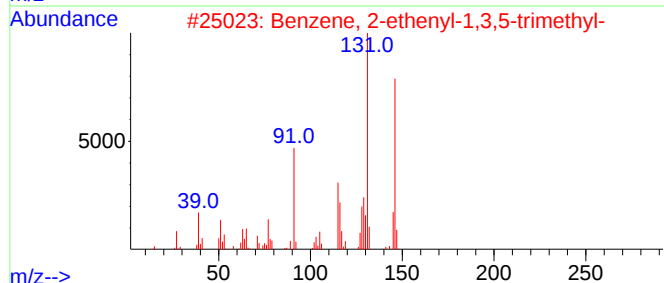
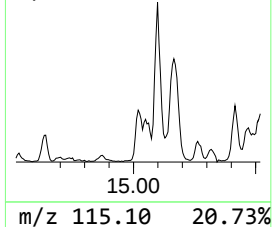
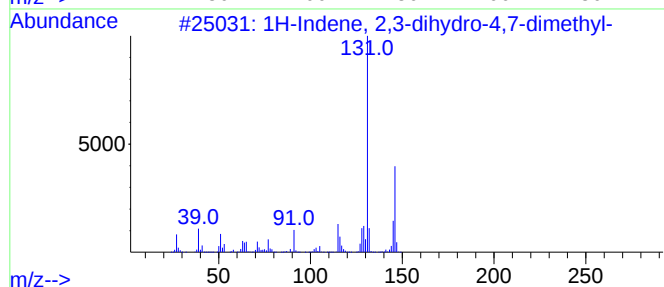
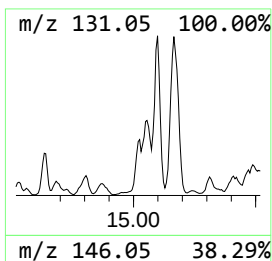
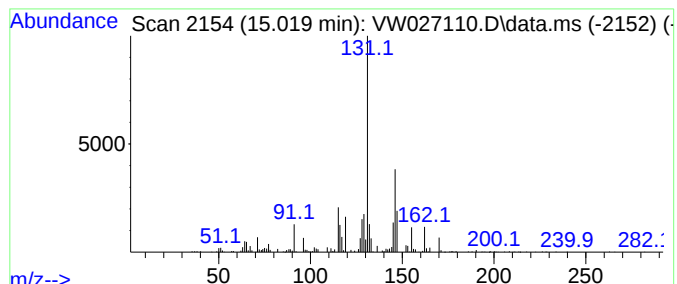
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Quant Title : SFAM01.0

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

Peak Number 42 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.019	6.41 ug/L	356702	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

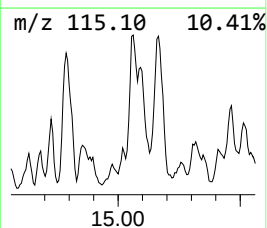
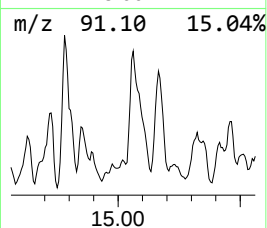
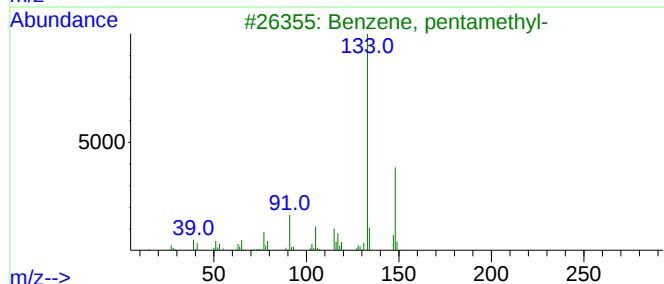
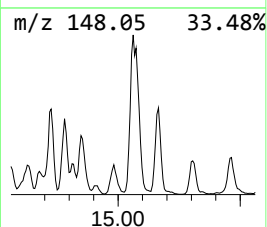
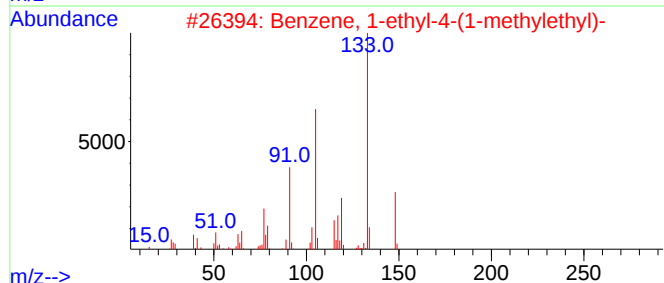
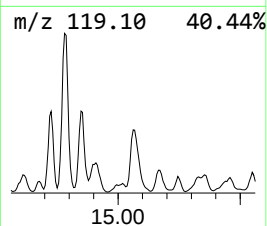
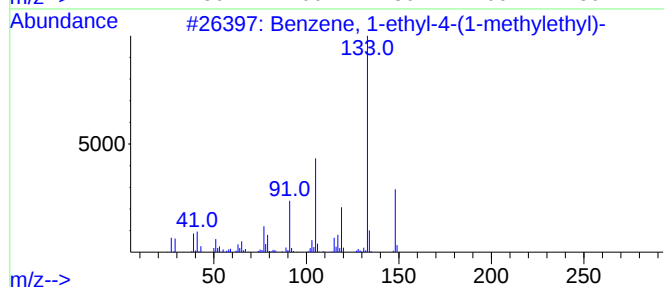
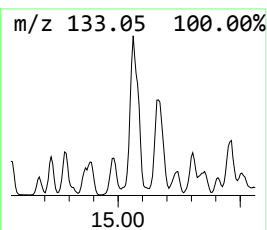
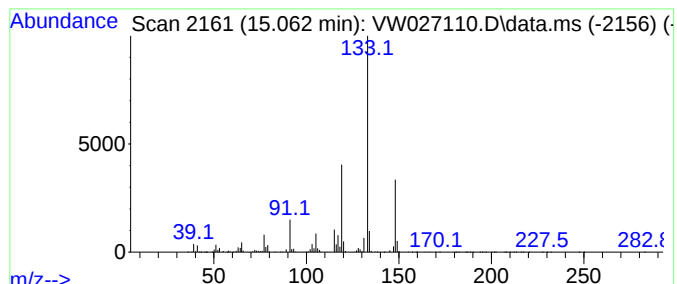
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	86.09 ug/L	4789780	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

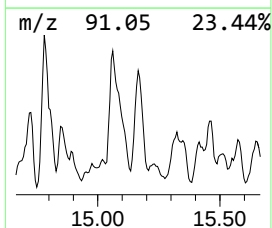
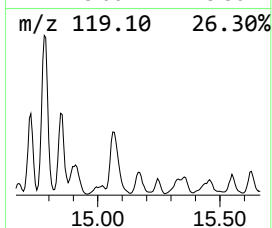
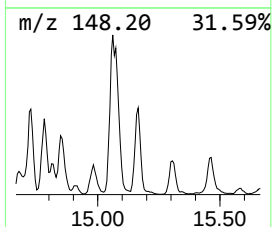
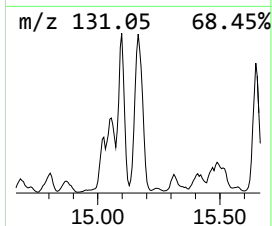
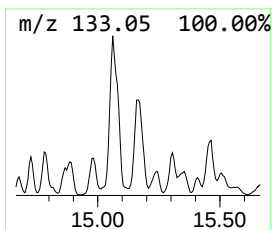
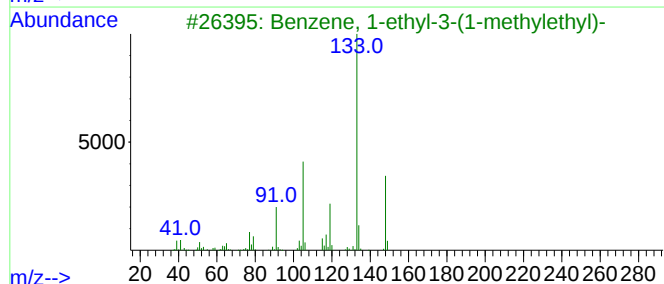
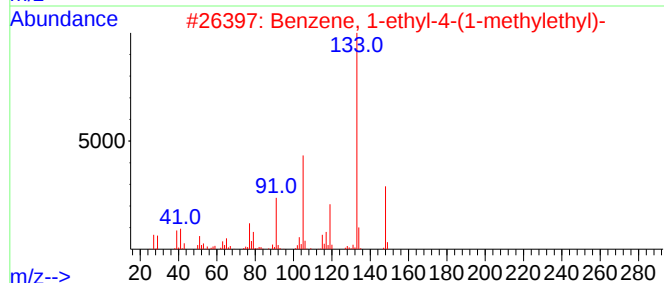
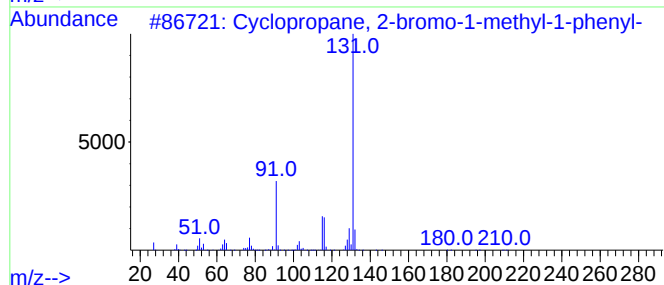
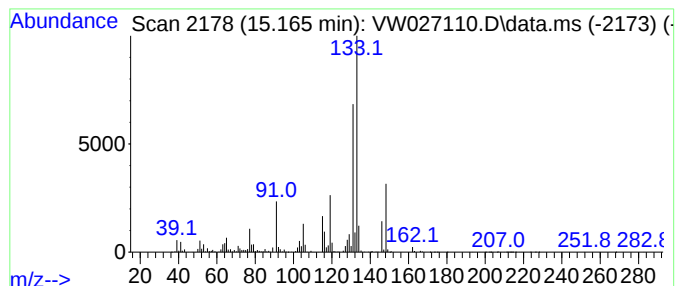
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Quant Title : SFAM01.0

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

Peak Number 44 Cyclopropane, 2-bromo-1-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	48.61 ug/L	2704530	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	62
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	51
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	51



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

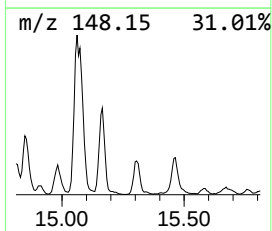
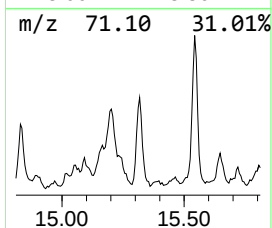
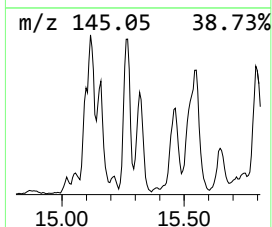
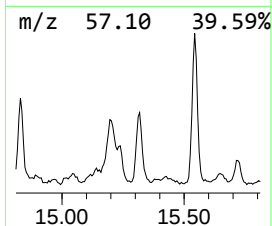
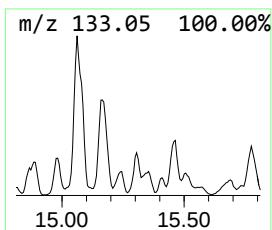
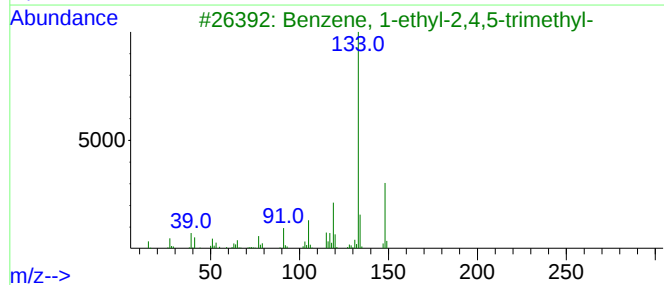
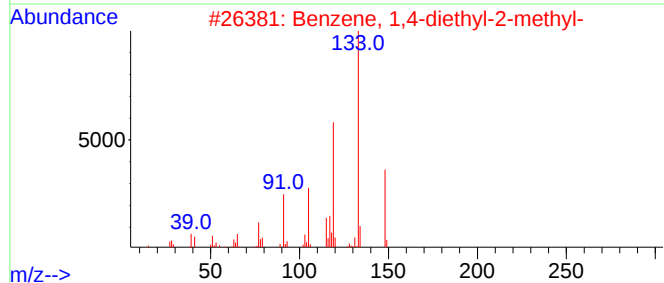
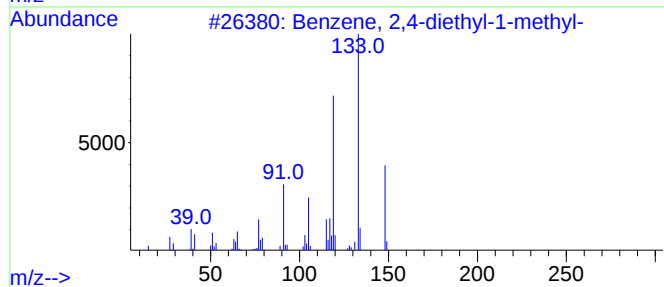
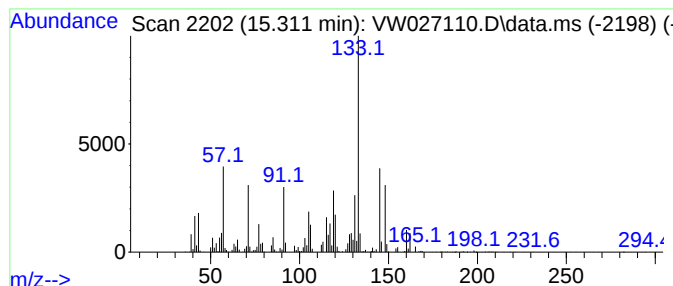
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Quant Title : SFAM01.0

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

Peak Number 45 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	16.70 ug/L	929045	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	50
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

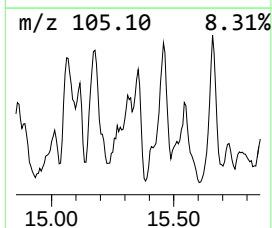
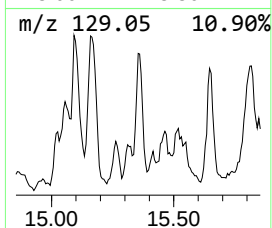
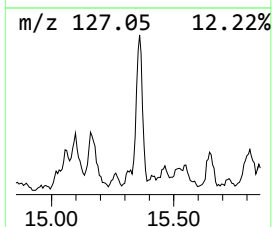
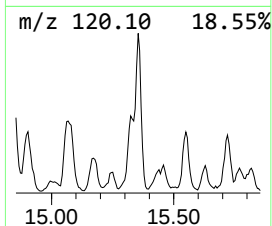
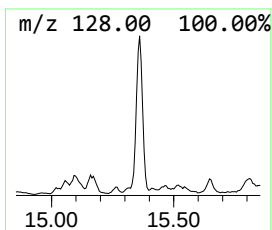
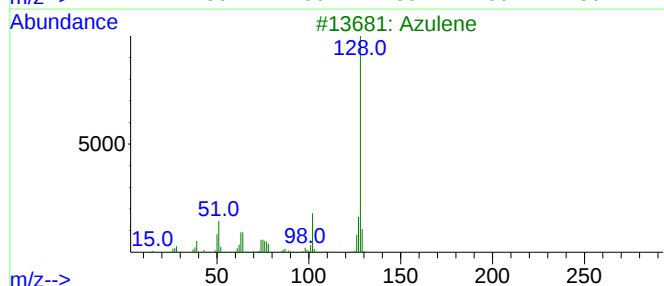
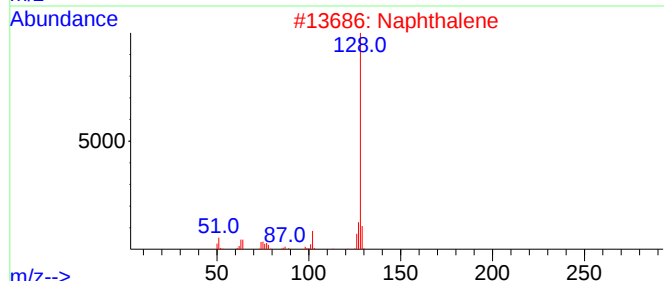
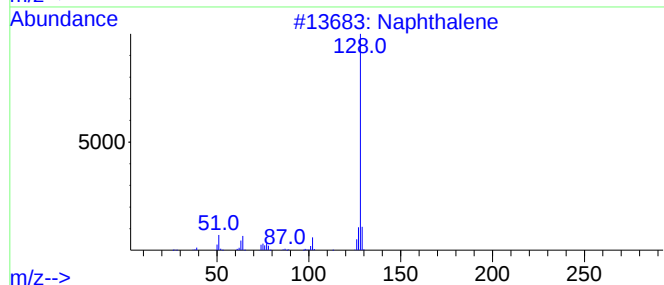
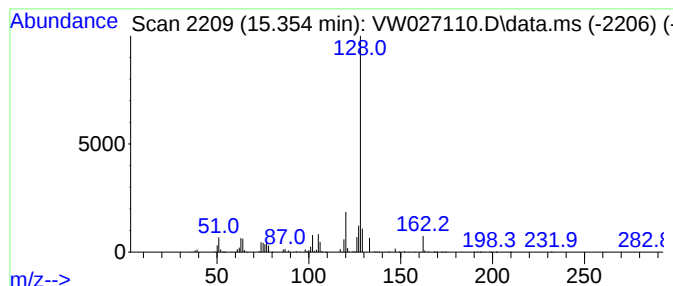
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Quant Title : SFAM01.0

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

Peak Number 46 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.354	18.77 ug/L	1044580	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	76
4			Naphthalene	128	C10H8	000091-20-3	76
5			Azulene	128	C10H8	000275-51-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

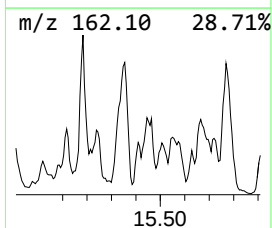
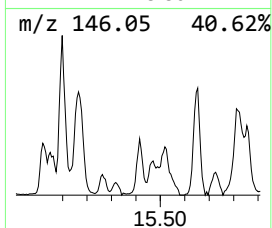
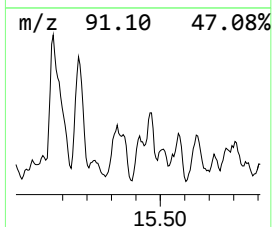
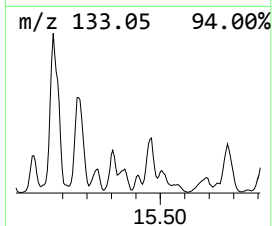
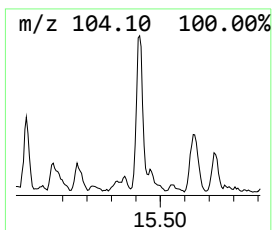
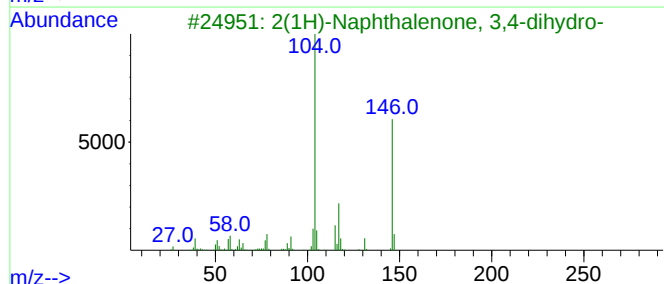
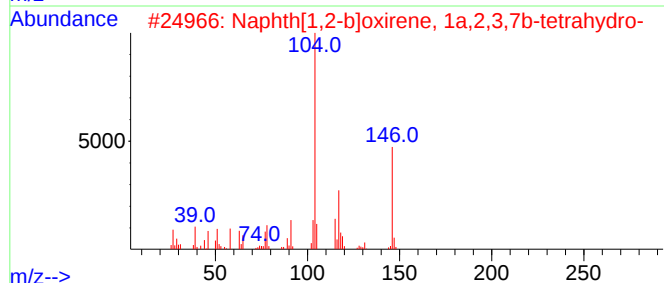
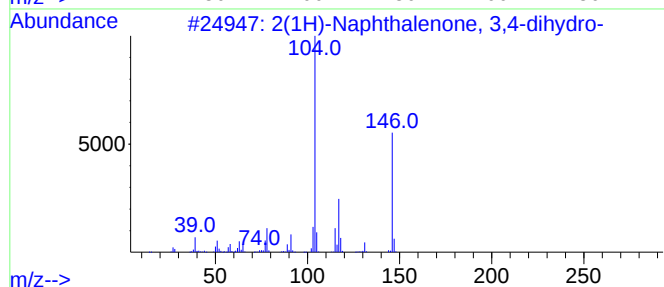
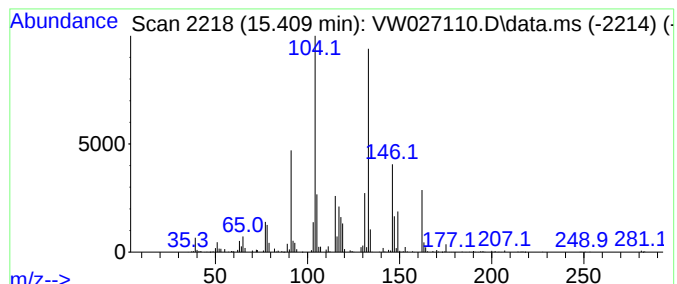
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Quant Title : SFAM01.0

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

Peak Number 47 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	8.08 ug/L	449524	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	43	
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43	
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	38	
4	3-Phenyl-2-penten-1-ol	162	C11H14O	105330-11-8	38	
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

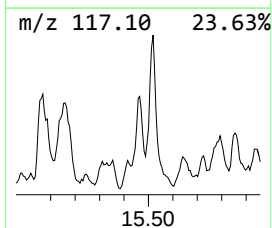
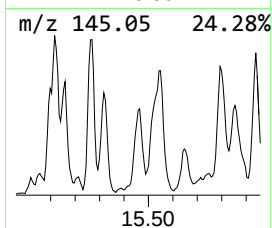
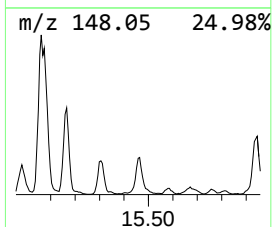
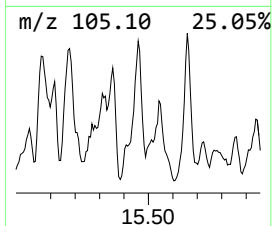
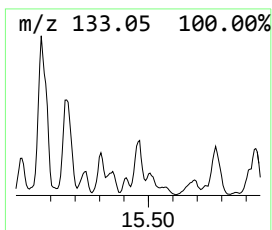
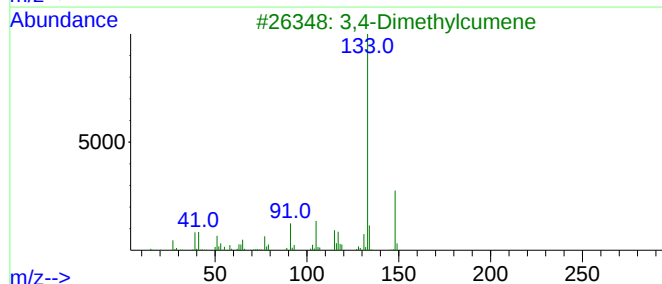
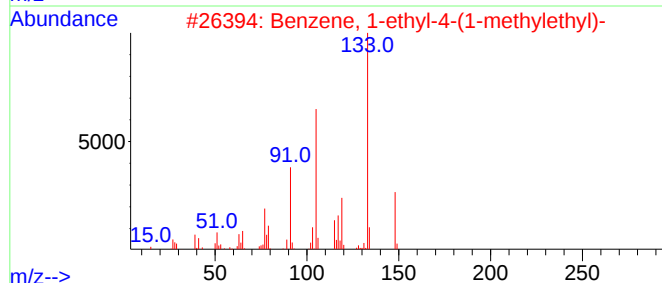
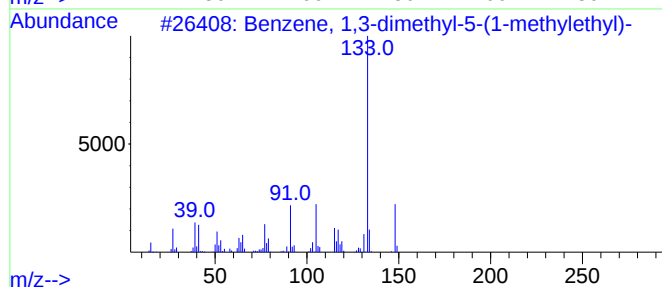
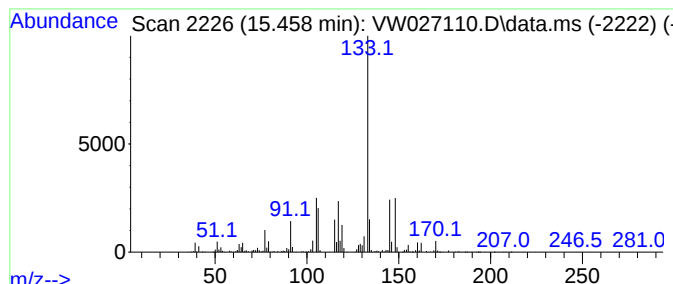
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Quant Title : SFAM01.0

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

Peak Number 48 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.458	14.64 ug/L	814672	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	58
4			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	58
5			2-tert-Butyltoluene	148	C11H16	001074-92-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

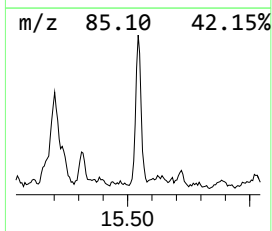
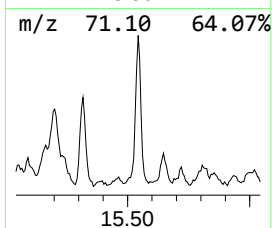
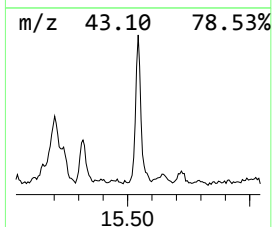
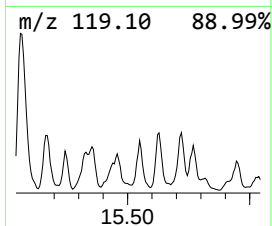
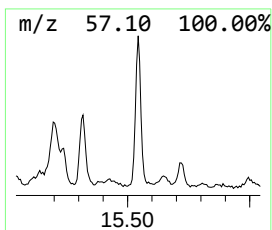
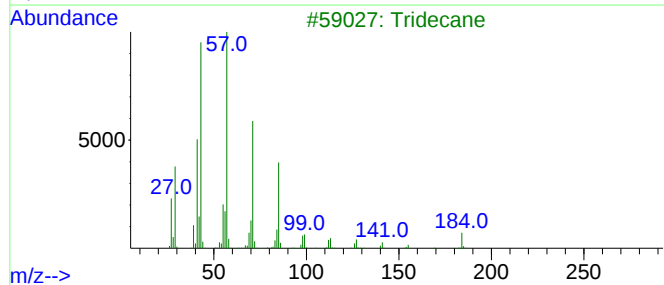
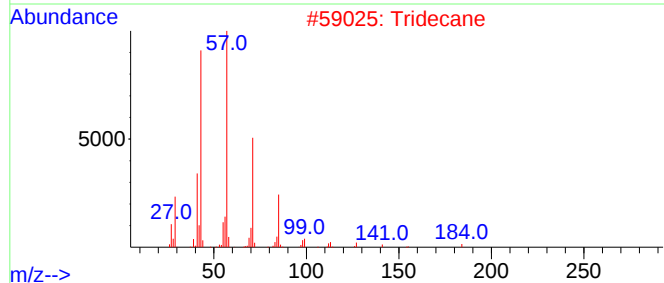
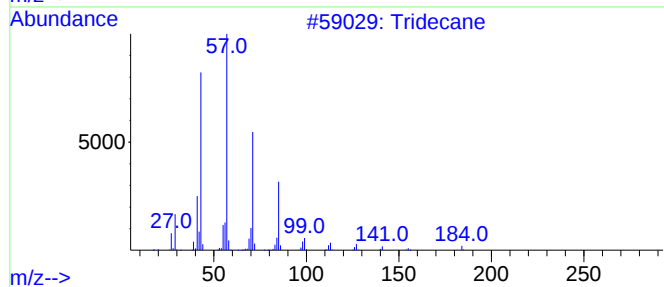
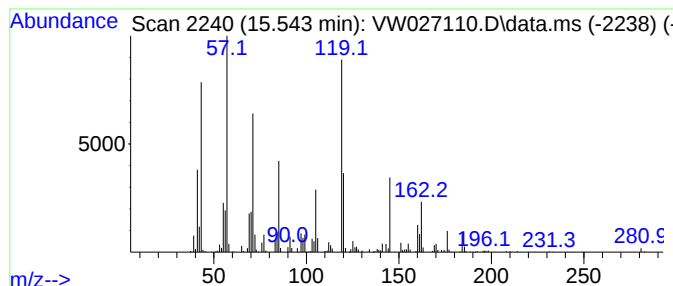
Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.543	20.04 ug/L	1114780	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	38
2	Tridecane		184	C13H28	000629-50-5	38
3	Tridecane		184	C13H28	000629-50-5	38
4	Tetradecane		198	C14H30	000629-59-4	35
5	Tridecane		184	C13H28	000629-50-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

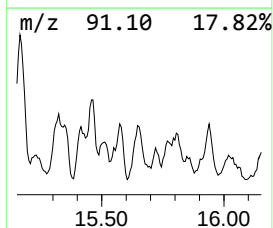
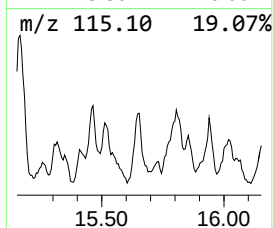
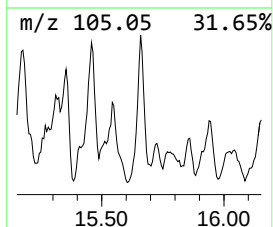
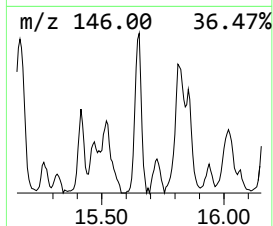
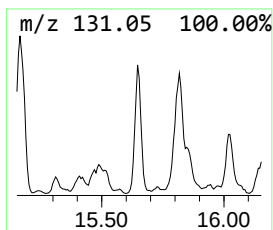
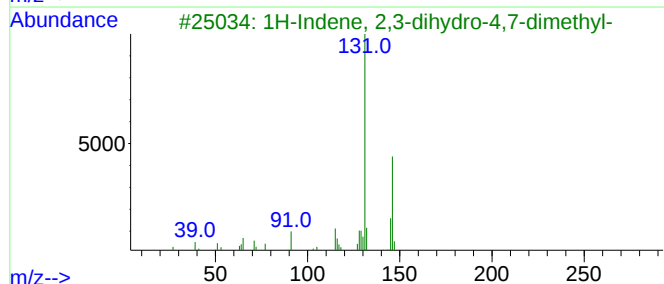
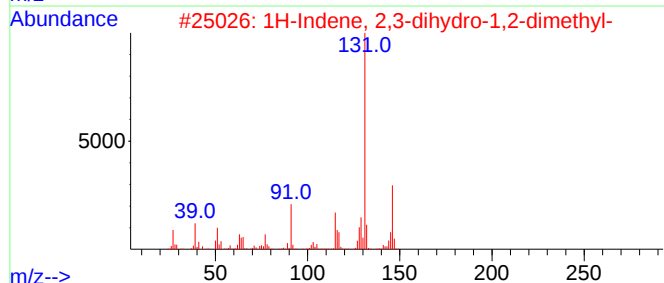
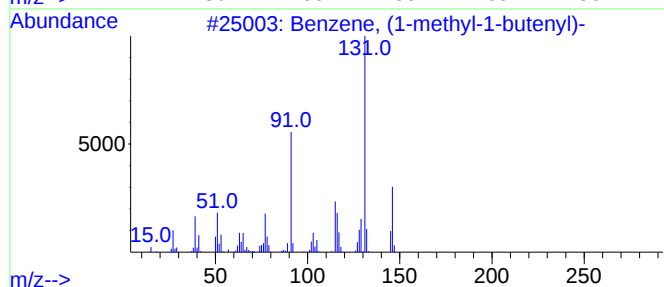
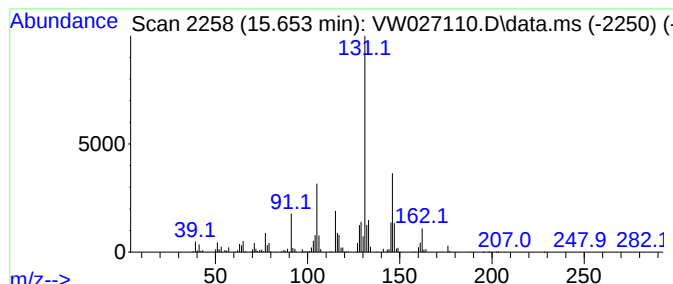
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Quant Title : SFAM01.0

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

Peak Number 50 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.653	25.96 ug/L	1444340	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	89
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

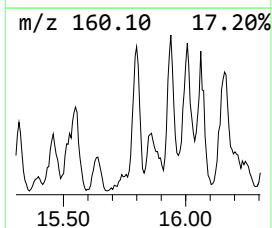
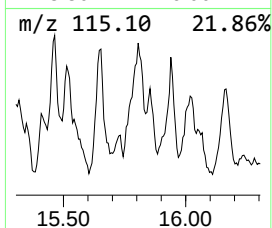
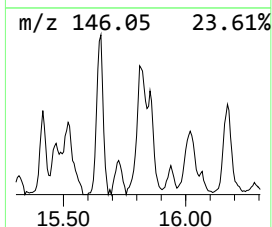
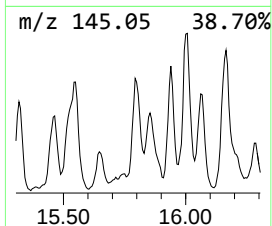
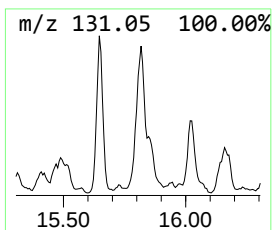
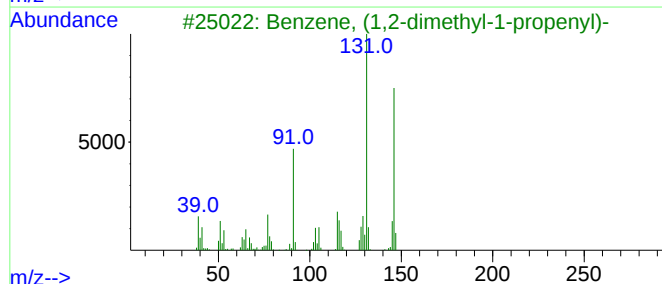
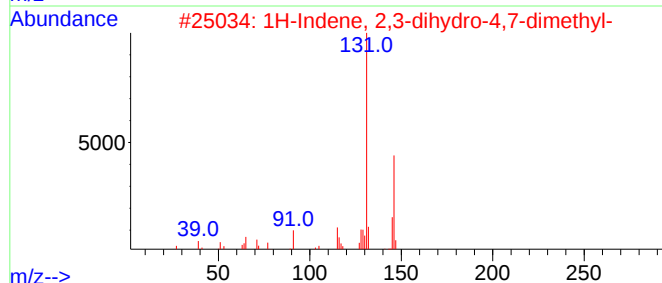
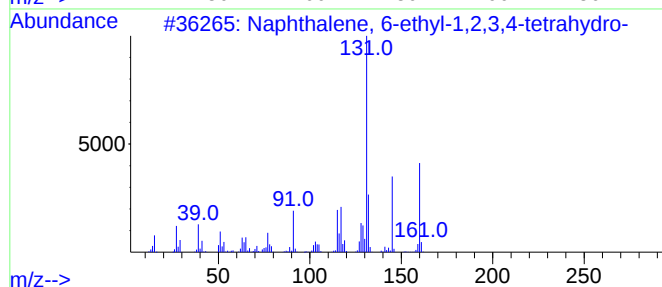
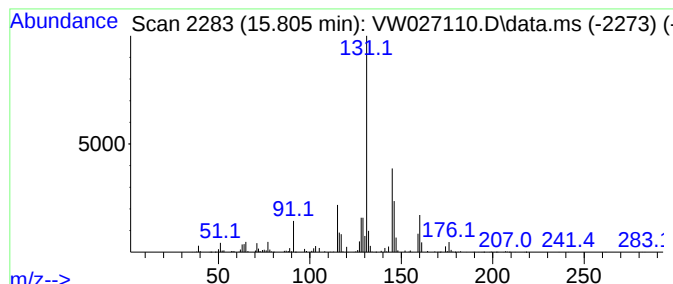
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Quant Title : SFAM01.0

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

Peak Number 52 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.805	22.63 ug/L	1259360	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	72
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

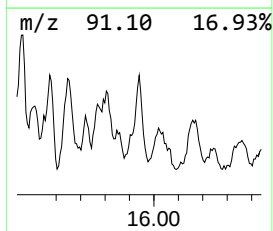
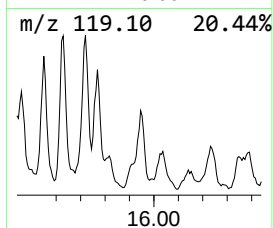
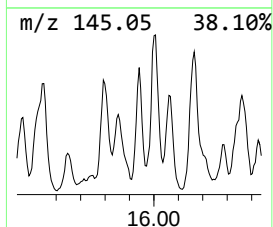
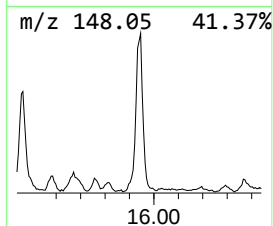
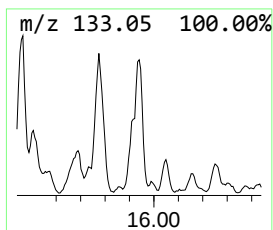
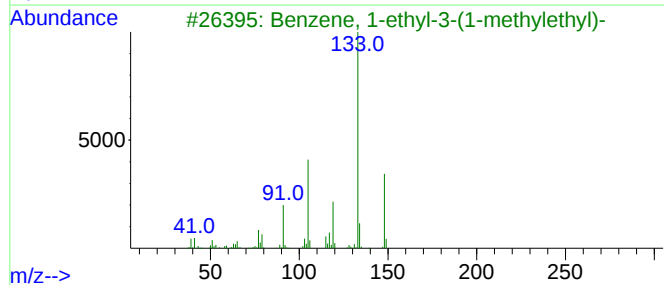
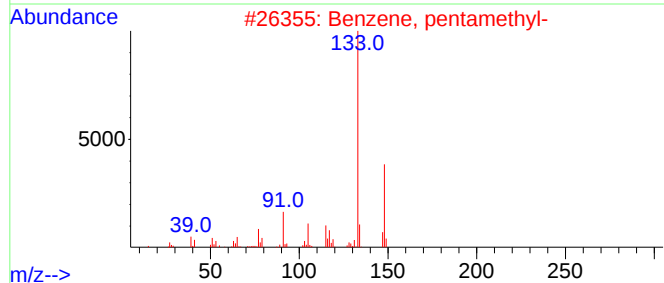
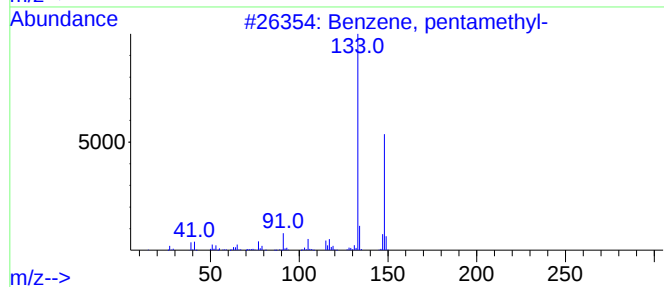
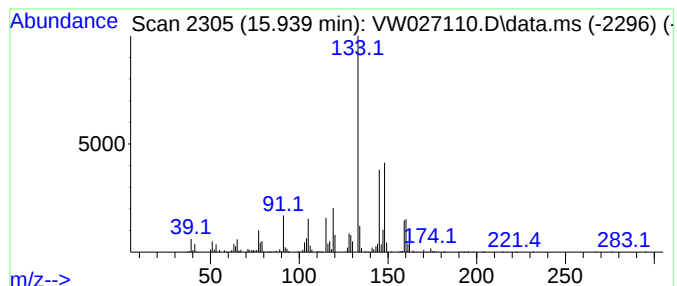
Instrument :
MSVOA_W
ClientSampleId :
EZYN4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 53 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.939	23.98 ug/L	1334010	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-		148	C11H16	000700-12-9	53
2	Benzene, pentamethyl-		148	C11H16	000700-12-9	53
3	Benzene, 1-ethyl-3-(1-methylethyl)-		148	C11H16	004920-99-4	52
4	6-Methyl-4-indanol		148	C10H12O	020294-32-0	49
5	Benzene, 2,4-dimethyl-1-(1-methy...		148	C11H16	004706-89-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

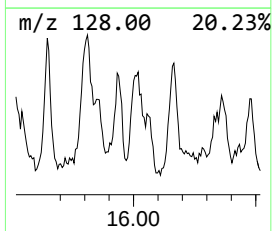
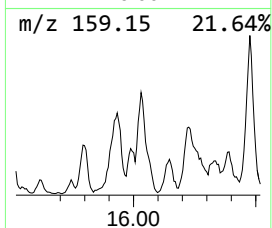
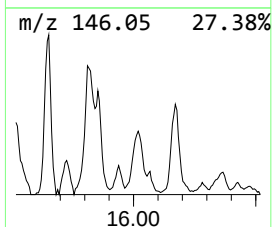
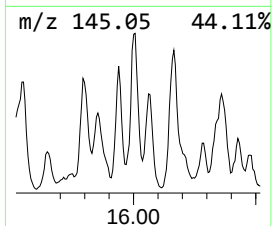
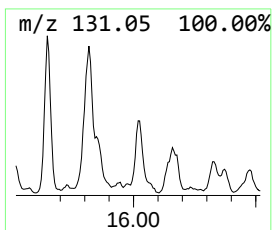
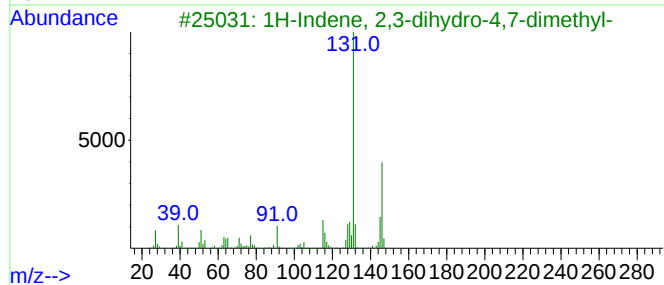
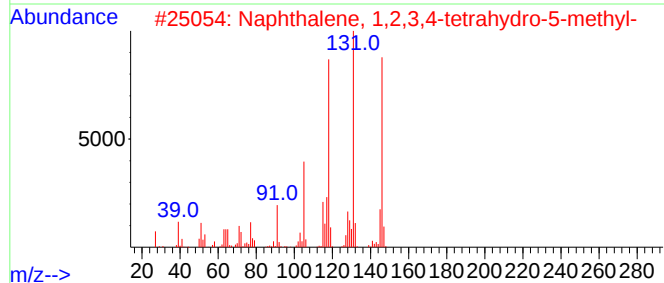
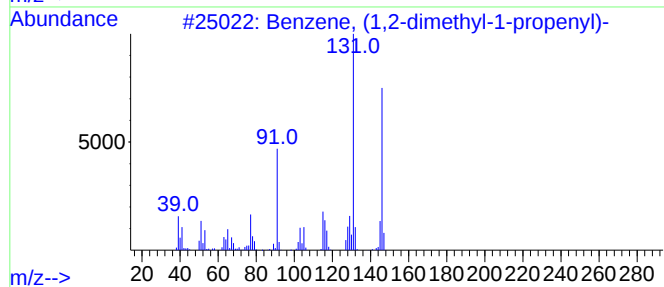
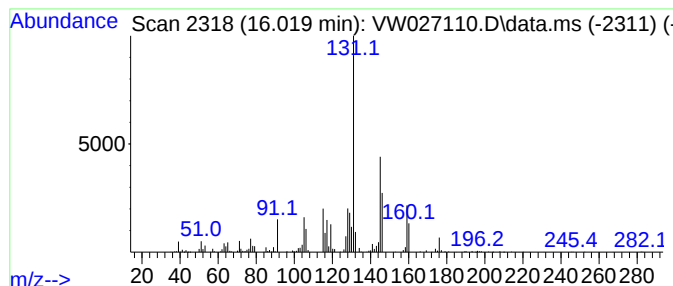
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Quant Title : SFAM01.0

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

Peak Number 54 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.019	15.03 ug/L	836227	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47
4			Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	47
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZY4

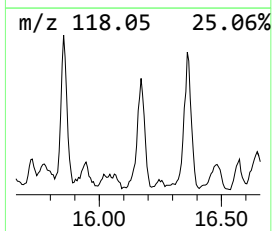
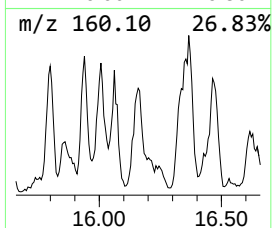
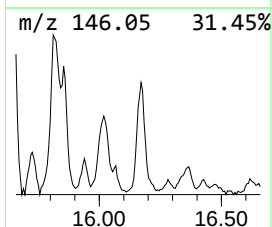
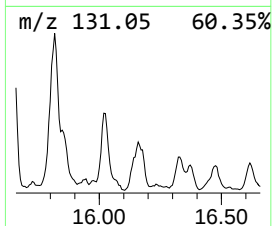
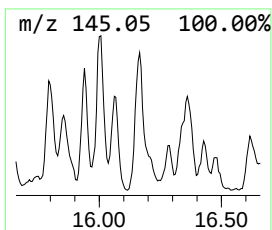
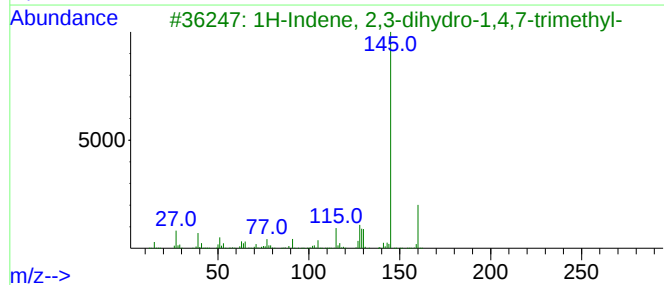
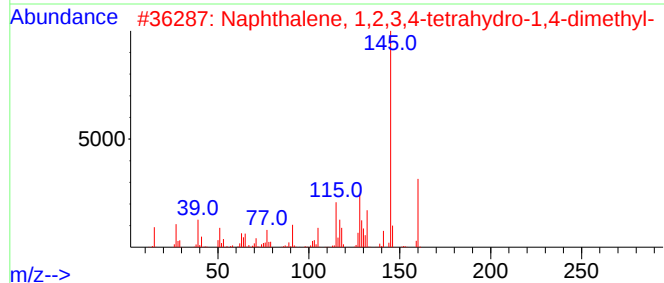
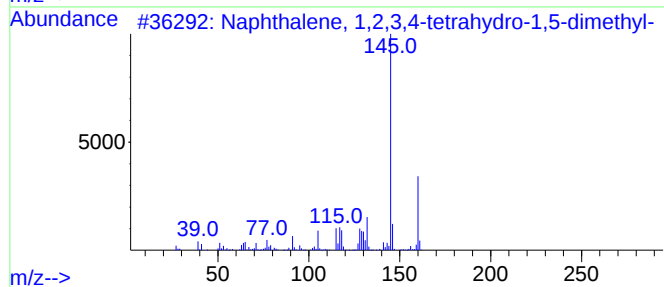
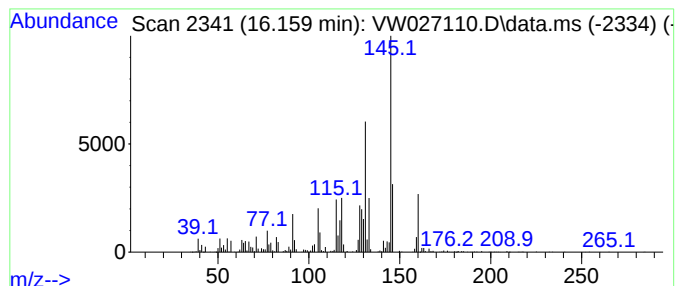
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Quant Title : SFAM01.0

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

Peak Number 55 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	18.09 ug/L	1006420	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
3			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	60
4			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
5			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027110.D
Acq On : 14 Sep 2023 18:16
Operator : SY/MD
Sample : 04417-18
Misc : 5.36g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYN4

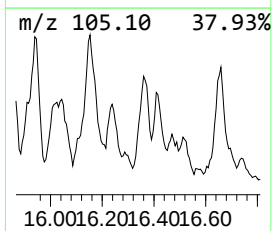
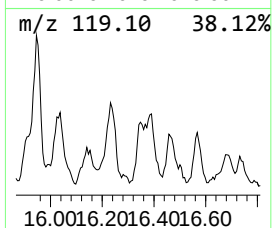
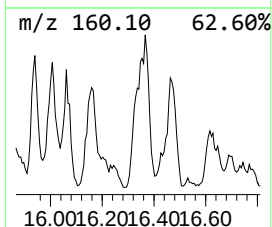
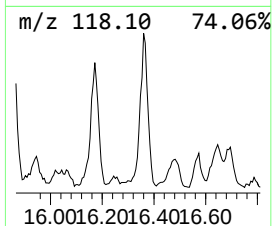
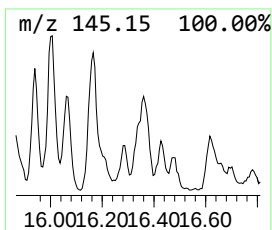
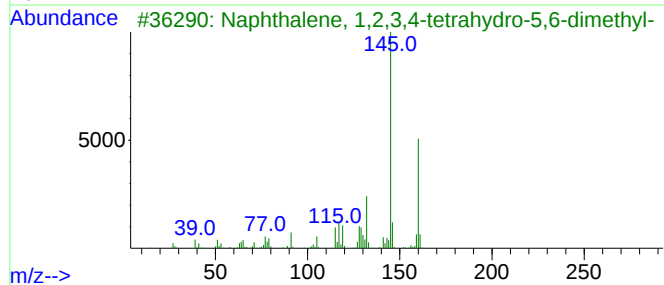
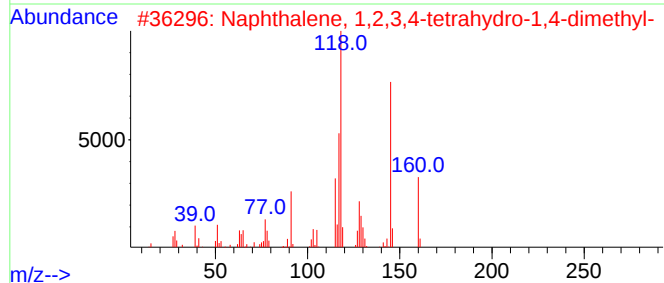
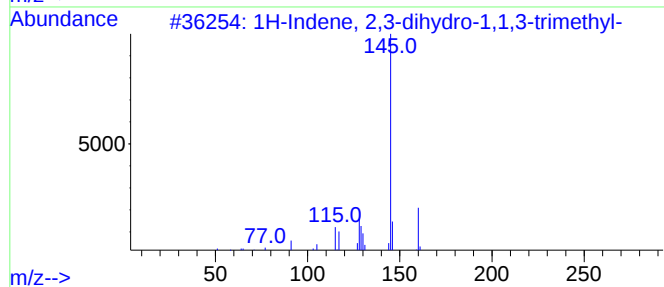
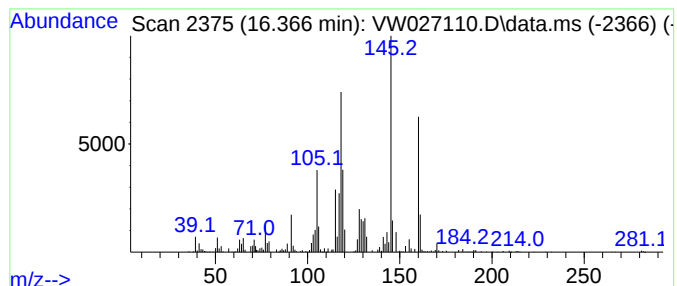
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Quant Title : SFAM01.0

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

Peak Number 56 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.366	13.01 ug/L	723586	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	60
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027110.D
 Acq On : 14 Sep 2023 18:16
 Operator : SY/MD
 Sample : 04417-18
 Misc : 5.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYN4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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
(DEL) Alkane: S...	2.180	1.6	ug/L	123998	1	8.843	1925940	25.0
(DEL) Alkane: S...	3.027	2.3	ug/L	175304	1	8.843	1925940	25.0
(DEL) Alkane: S...	4.941	3.7	ug/L	287222	1	8.843	1925940	25.0
(DEL) Alkane: C...	6.984	1.8	ug/L	139343	1	8.843	1925940	25.0
(DEL) Alkane: S...	8.032	1.4	ug/L	108442	1	8.843	1925940	25.0
(DEL) Alkane: C...	8.569	2.3	ug/L	175854	1	8.843	1925940	25.0
(DEL) Alkane: C...	9.745	1.4	ug/L	103749	1	8.843	1925940	25.0
(DEL) Alkane: C...	10.495	2.4	ug/L	161965	2	11.635	1707740	25.0
(DEL) Alkane: C...	10.660	2.4	ug/L	166215	2	11.635	1707740	25.0
(DEL) Alkane: C...	11.178	3.1	ug/L	208734	2	11.635	1707740	25.0
(DEL) Alkane: C...	11.227	6.8	ug/L	468090	2	11.635	1707740	25.0
(DEL) Alkane: S...	11.337	1.5	ug/L	103253	2	11.635	1707740	25.0
Benzene, 1-ethy...	12.861	6.7	ug/L	373358	3	13.556	1390960	25.0
Benzene, 1-ethy...	13.781	10.3	ug/L	572089	3	13.556	1390960	25.0
Benzene, 1-meth...	14.007	6.4	ug/L	357186	3	13.556	1390960	25.0
Benzene, 4-ethy...	14.092	11.1	ug/L	615951	3	13.556	1390960	25.0
Benzene, 1-meth...	14.196	15.2	ug/L	844376	3	13.556	1390960	25.0
Benzene, 2-ethy...	14.336	10.0	ug/L	558164	3	13.556	1390960	25.0
Benzene, 1,2,3,...	14.415	10.1	ug/L	560218	3	13.556	1390960	25.0
Benzene, 1,2,4,...	14.452	28.8	ug/L	1600220	3	13.556	1390960	25.0
Benzene, 1,3-di...	14.495	14.4	ug/L	802315	3	13.556	1390960	25.0
Propane, 2-cycl...	14.537	25.0	ug/L	1391460	3	13.556	1390960	25.0
unknown-01	14.635	12.5	ug/L	696247	3	13.556	1390960	25.0
Benzene, (1,1-d...	14.720	28.1	ug/L	1566100	3	13.556	1390960	25.0
Benzene, 1-ethy...	14.787	61.9	ug/L	3441540	3	13.556	1390960	25.0
Benzene, 2-ethy...	14.854	12.3	ug/L	684343	3	13.556	1390960	25.0
Benzene, pentam...	14.976	12.3	ug/L	684575	3	13.556	1390960	25.0
1H-Indene, 2,3-...	15.019	6.4	ug/L	356702	3	13.556	1390960	25.0
Benzene, 1,3-di...	15.062	86.1	ug/L	4789780	3	13.556	1390960	25.0
Cyclopropane, 2...	15.165	48.6	ug/L	2704530	3	13.556	1390960	25.0
Benzene, 2,4-di...	15.312	16.7	ug/L	929045	3	13.556	1390960	25.0
Azulene	15.354	18.8	ug/L	1044580	3	13.556	1390960	25.0
unknown-02	15.409	8.1	ug/L	449524	3	13.556	1390960	25.0
3,4-Dimethylcumene	15.458	14.6	ug/L	814672	3	13.556	1390960	25.0
(DEL) Alkane: S...	15.543	20.0	ug/L	1114780	3	13.556	1390960	25.0
Benzene, (1-met...	15.653	26.0	ug/L	1444340	3	13.556	1390960	25.0
Naphthalene, 6-...	15.805	22.6	ug/L	1259360	3	13.556	1390960	25.0
Benzene, 1-ethy...	15.939	24.0	ug/L	1334010	3	13.556	1390960	25.0
Benzene, (1,2-d...	16.019	15.0	ug/L	836227	3	13.556	1390960	25.0
Naphthalene, 1,...	16.159	18.1	ug/L	1006420	3	13.556	1390960	25.0
1H-Indene, 2,3-...	16.366	13.0	ug/L	723586	3	13.556	1390960	25.0