

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027006.D
 Acq On : 07 Sep 2023 15:49
 Operator : SY/MD
 Sample : 04330-07RE
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYX8RE

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: VW027006.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.954	8	11	25	rVB2	77791	143225	4.87%	0.369%
2	2.222	49	55	56	rBV6	17322	28753	0.98%	0.074%
3	2.356	67	77	89	rBV2	107612	381461	12.98%	0.984%
4	2.893	158	165	179	rBV	121005	365778	12.45%	0.943%
5	3.381	241	245	257	rVB3	13617	39864	1.36%	0.103%
6	4.027	339	351	362	rBV2	194269	748179	25.46%	1.930%
7	4.112	363	365	376	rVB2	39607	95956	3.27%	0.248%
8	4.387	399	410	425	rBV	88659	295062	10.04%	0.761%
9	4.929	488	499	518	rVB3	37573	181293	6.17%	0.468%
10	5.789	625	640	649	rBV4	22452	85271	2.90%	0.220%
11	5.941	655	665	671	rBV3	12773	36967	1.26%	0.095%
12	7.075	842	851	857	rBV	98655	267035	9.09%	0.689%
13	7.154	858	864	879	rVV3	80466	304838	10.37%	0.786%
14	7.648	935	945	959	rBV	534079	1286670	43.79%	3.319%
15	8.154	1022	1028	1033	rBV7	11907	25613	0.87%	0.066%
16	8.276	1038	1048	1062	rBV2	978839	2938227	100.00%	7.579%
17	8.569	1090	1096	1106	rVB6	16325	48109	1.64%	0.124%
18	8.697	1112	1117	1122	rBV6	12713	24748	0.84%	0.064%
19	8.843	1132	1141	1160	rVV	1291071	2566691	87.36%	6.620%
20	9.087	1172	1181	1193	rBV6	25605	65784	2.24%	0.170%
21	9.270	1198	1211	1219	rBV	715143	1492080	50.78%	3.849%
22	9.331	1219	1221	1228	rVV2	52362	91699	3.12%	0.237%
23	9.410	1228	1234	1240	rVB4	14807	35062	1.19%	0.090%
24	9.605	1258	1266	1270	rBV6	10335	20308	0.69%	0.052%
25	9.745	1284	1289	1296	rVB3	14153	29287	1.00%	0.076%
26	9.953	1317	1323	1327	rBV3	18953	36331	1.24%	0.094%
27	10.032	1330	1336	1342	rVV	264046	485774	16.53%	1.253%
28	10.093	1342	1346	1357	rVB5	26694	69595	2.37%	0.180%
29	10.325	1375	1384	1391	rBV	1216828	2226367	75.77%	5.743%
30	10.386	1392	1394	1401	rVB	39665	58358	1.99%	0.151%
31	10.501	1406	1413	1420	rVB5	46013	105831	3.60%	0.273%
32	10.575	1420	1425	1435	rBV	145627	281160	9.57%	0.725%
33	10.660	1435	1439	1444	rVV2	49831	96747	3.29%	0.250%
34	10.703	1444	1446	1450	rVB	19224	20982	0.71%	0.054%
35	10.757	1450	1455	1460	rVB3	23722	42630	1.45%	0.110%
36	10.922	1474	1482	1490	rBV2	263013	485307	16.52%	1.252%

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

37	11.032	1495	1500	1502	rBV3	14503	25591	0.87%	0.066%
38	11.178	1515	1524	1528	rBV	104393	178551	6.08%	0.461%
39	11.227	1528	1532	1538	rVB	99656	168060	5.72%	0.433%
40	11.282	1538	1541	1545	rVB3	17181	21558	0.73%	0.056%
41	11.337	1545	1550	1554	rVB4	38086	60646	2.06%	0.156%
42	11.410	1554	1562	1563	rBV3	40002	79707	2.71%	0.206%
43	11.428	1563	1565	1573	rVB2	60364	100322	3.41%	0.259%
44	11.507	1573	1578	1583	rBV	57549	93527	3.18%	0.241%
45	11.629	1591	1598	1607	rBV	1460024	2385876	81.20%	6.154%
46	11.727	1607	1614	1618	rBV2	121509	215823	7.35%	0.557%
47	11.836	1623	1632	1635	rBV	174014	386018	13.14%	0.996%
48	11.977	1650	1655	1660	rBV5	16236	34879	1.19%	0.090%
49	12.044	1660	1666	1673	rVB6	30042	77541	2.64%	0.200%
50	12.160	1673	1685	1692	rBV2	268667	782544	26.63%	2.018%
51	12.251	1693	1700	1704	rVB3	96173	185484	6.31%	0.478%
52	12.300	1704	1708	1709	rBV2	52883	72598	2.47%	0.187%
53	12.343	1710	1715	1716	rBV2	176246	263409	8.96%	0.679%
54	12.464	1730	1735	1739	rBV2	125314	230483	7.84%	0.595%
55	12.538	1744	1747	1750	rVB3	39179	51422	1.75%	0.133%
56	12.611	1755	1759	1762	rBV2	42654	70641	2.40%	0.182%
57	12.647	1762	1765	1767	rBV	31129	34951	1.19%	0.090%
58	12.690	1767	1772	1781	rBV	650969	1117016	38.02%	2.881%
59	12.775	1782	1786	1793	rVB3	228367	432319	14.71%	1.115%
60	12.861	1793	1800	1804	rBV5	132097	288291	9.81%	0.744%
61	12.934	1804	1812	1818	rBV3	270998	639182	21.75%	1.649%
62	12.989	1818	1821	1825	rVB2	77194	99109	3.37%	0.256%
63	13.031	1825	1828	1832	rVB5	21204	25340	0.86%	0.065%
64	13.105	1832	1840	1845	rBV3	153181	417927	14.22%	1.078%
65	13.166	1845	1850	1858	rVB4	207149	418072	14.23%	1.078%
66	13.251	1858	1864	1868	rBV	452547	736905	25.08%	1.901%
67	13.379	1876	1885	1889	rBV3	145266	285430	9.71%	0.736%
68	13.440	1889	1895	1899	rBV2	421167	766518	26.09%	1.977%
69	13.556	1909	1914	1917	rBV	771927	1293358	44.02%	3.336%
70	13.647	1927	1929	1932	rVB	40778	41142	1.40%	0.106%
71	13.696	1933	1937	1941	rBV4	45237	87890	2.99%	0.227%
72	13.745	1942	1945	1949	rVV2	92313	121585	4.14%	0.314%
73	13.787	1949	1952	1956	rVB2	80105	109416	3.72%	0.282%
74	13.854	1956	1963	1971	rBV2	642409	1815286	61.78%	4.682%
75	13.946	1975	1978	1983	rVV	99894	163879	5.58%	0.423%
76	14.007	1984	1988	1991	rVV3	227618	393782	13.40%	1.016%

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77	14.037	1991	1993	1998	rVV3	226546	361865	12.32%	0.933%
78	14.092	1998	2002	2006	rVB	213668	329693	11.22%	0.850%
79	14.196	2013	2019	2024	rBV2	638286	1107551	37.69%	2.857%
80	14.251	2024	2028	2036	rVB4	212759	474773	16.16%	1.225%
81	14.336	2036	2042	2046	rBV2	327014	606031	20.63%	1.563%
82	14.385	2046	2050	2053	rVV2	245671	343705	11.70%	0.887%
83	14.415	2053	2055	2058	rVV3	92735	108602	3.70%	0.280%
84	14.452	2058	2061	2065	rVB	420839	565983	19.26%	1.460%
85	14.495	2065	2068	2071	rBV	165454	193469	6.58%	0.499%
86	14.543	2071	2076	2078	rBV4	173374	277401	9.44%	0.716%
87	14.635	2088	2091	2095	rVB2	100304	152423	5.19%	0.393%
88	14.684	2095	2099	2102	rBV3	81268	146226	4.98%	0.377%
89	14.726	2102	2106	2110	rVB3	147822	217660	7.41%	0.561%
90	14.787	2110	2116	2128	rBV4	475959	1277854	43.49%	3.296%
91	14.952	2140	2143	2149	rVB2	122543	177313	6.03%	0.457%
92	15.055	2156	2160	2164	rBV4	156172	298453	10.16%	0.770%
93	15.165	2173	2178	2188	rVB3	265126	670763	22.83%	1.730%
94	15.263	2188	2194	2198	rVB4	146964	277870	9.46%	0.717%
95	15.318	2198	2203	2207	rBV2	181848	301381	10.26%	0.777%
96	15.647	2250	2257	2264	rBV8	59202	176337	6.00%	0.455%
97	15.726	2265	2270	2275	rVB6	52074	89712	3.05%	0.231%
98	15.860	2288	2292	2297	rVB2	64684	97349	3.31%	0.251%
99	16.165	2338	2342	2347	rBV4	55620	95464	3.25%	0.246%
100	16.275	2356	2360	2368	rVB3	69380	142047	4.83%	0.366%

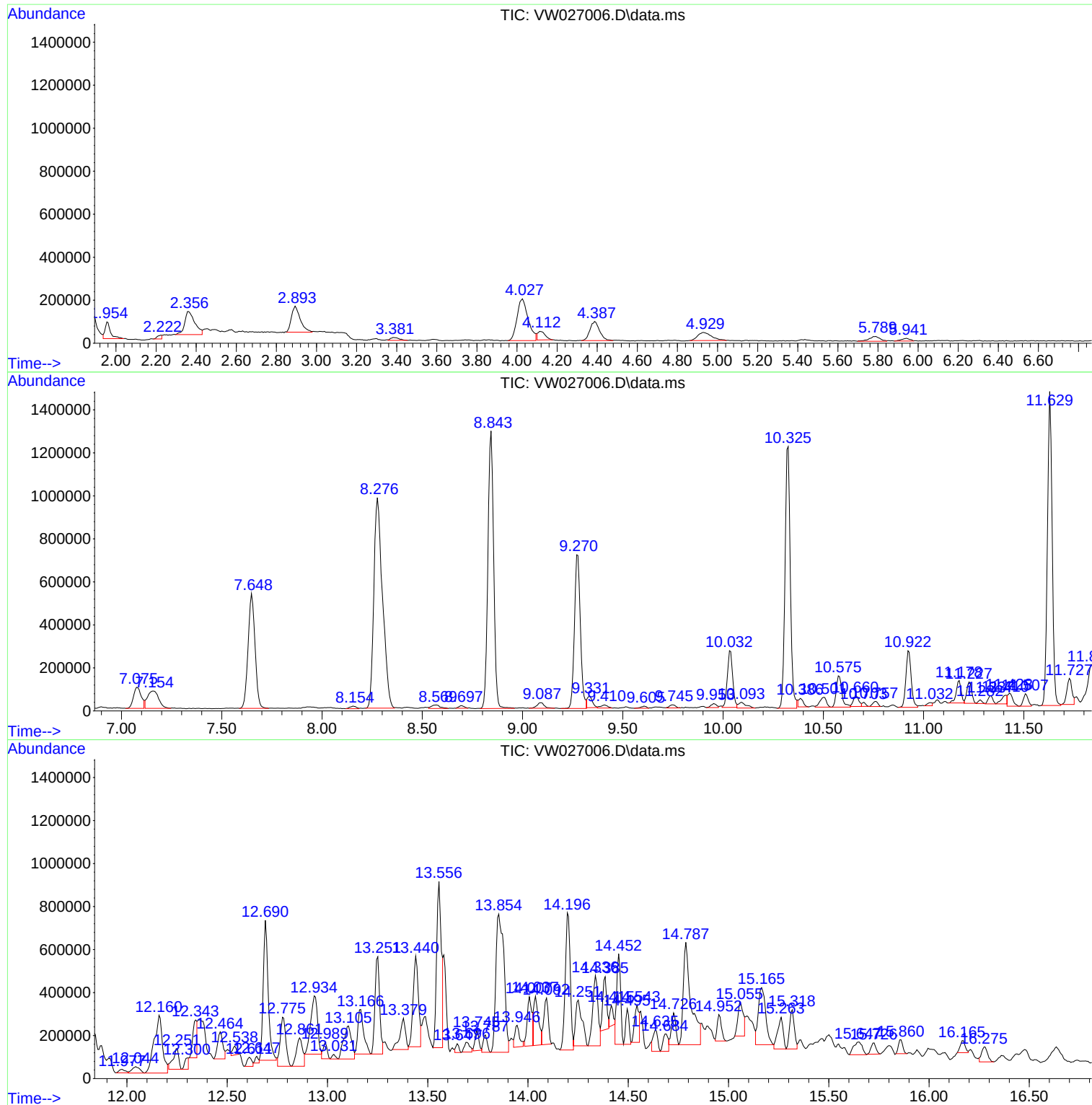
Sum of corrected areas: 38769045

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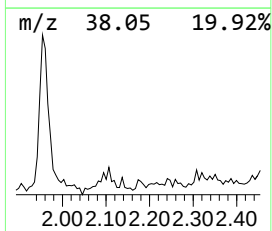
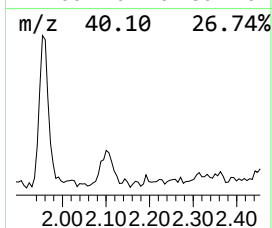
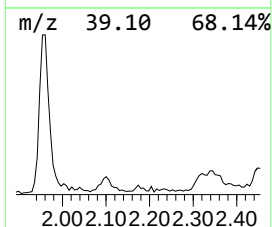
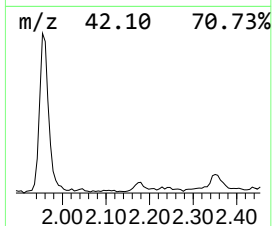
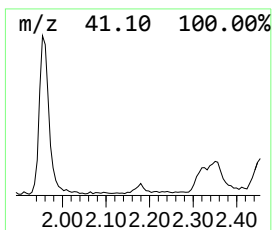
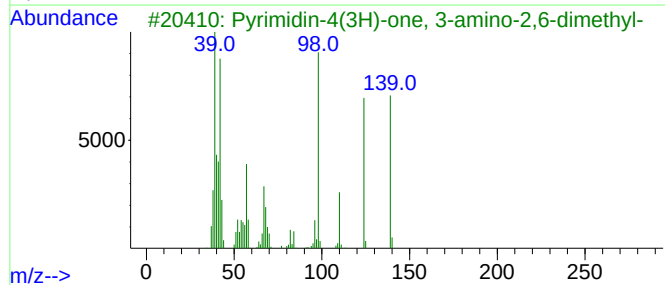
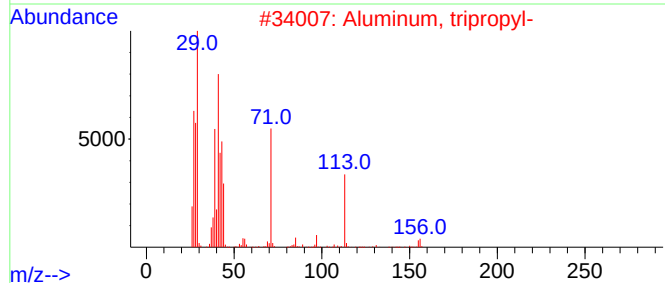
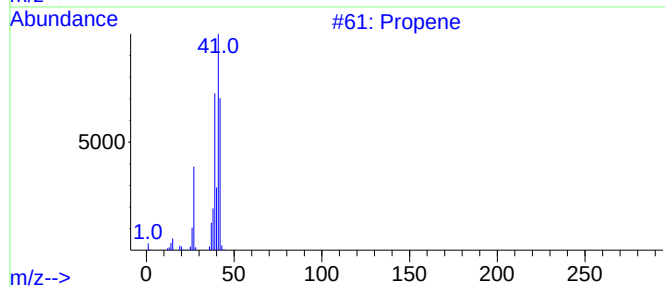
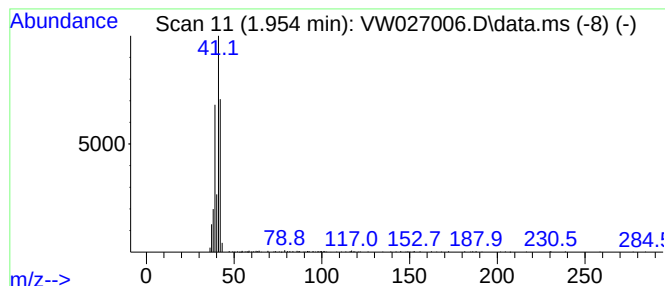
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.954	1.40 ug/L	143225	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74
3			Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	72
4			2-Butenal, (E)-	70	C4H6O	000123-73-9	72
5			N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	56



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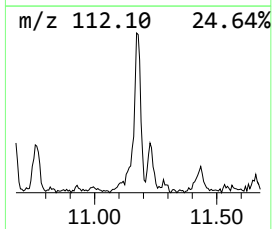
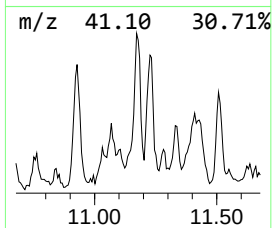
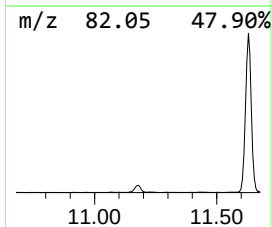
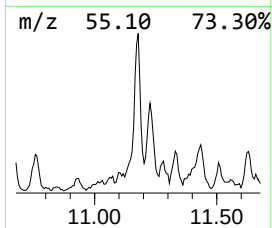
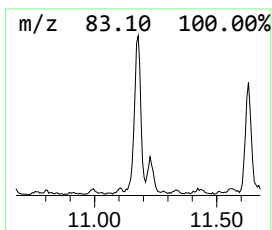
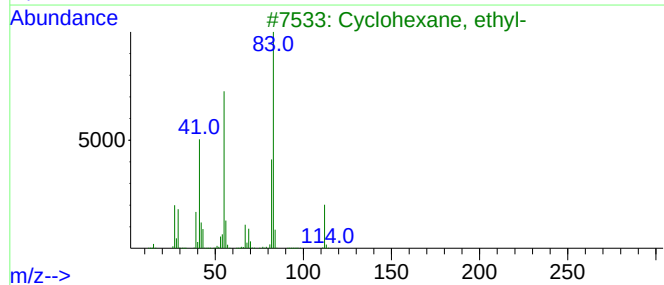
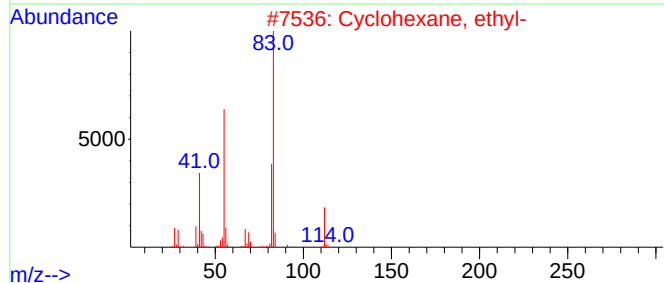
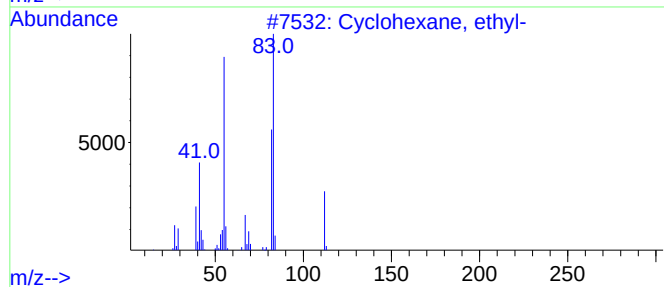
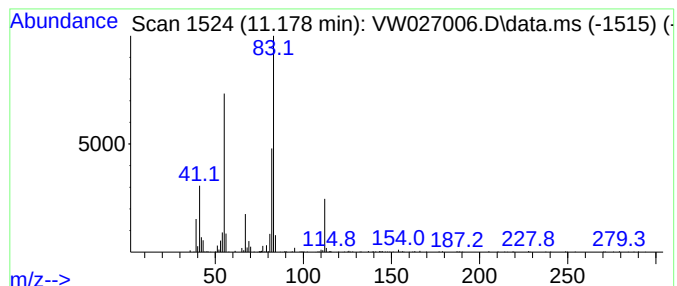
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.178 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.87 ug/L	178551	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	80
5			Acetaldehyde di-trans-2-hexenyl ...	226	C14H26O2	1000431-45-1	53



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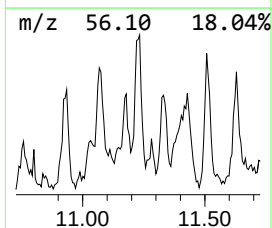
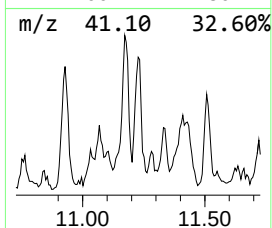
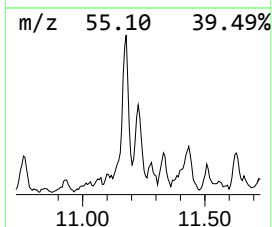
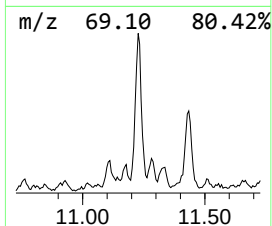
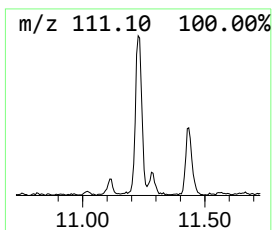
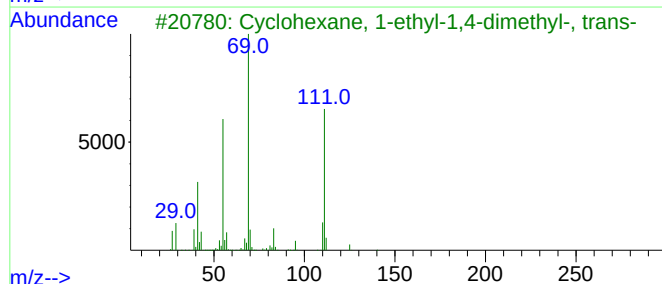
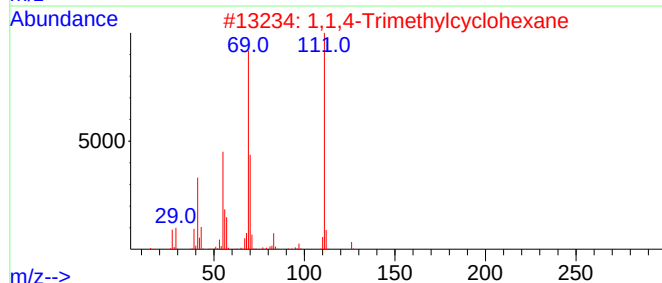
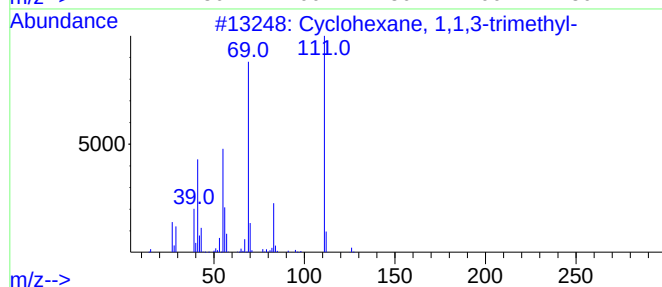
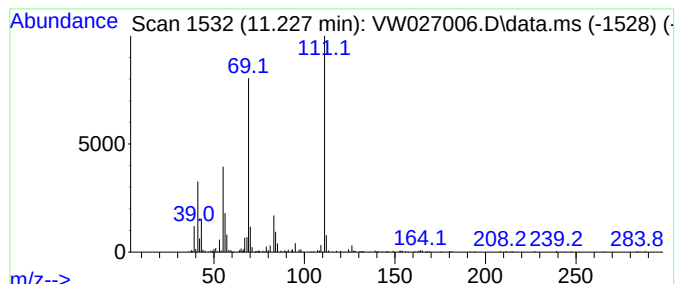
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.76 ug/L	168060	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
3			Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	78
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			Cyclooctane, ethyl-	140	C10H20	013152-02-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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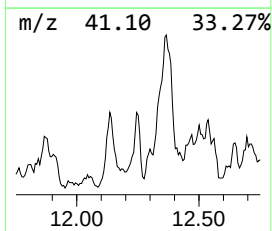
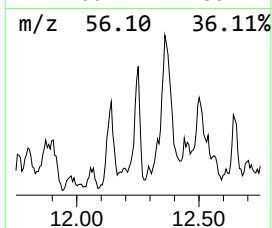
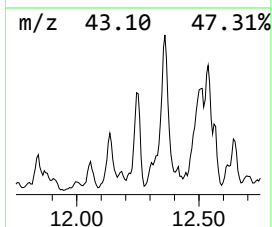
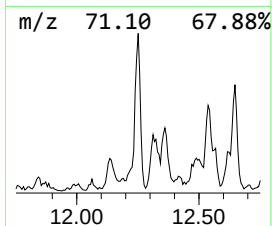
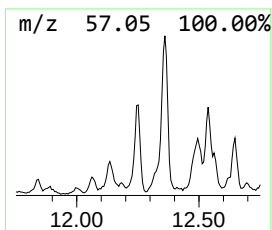
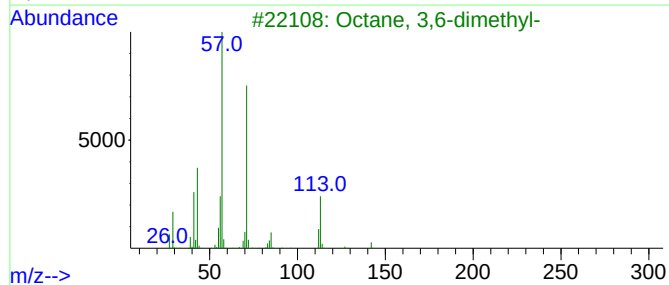
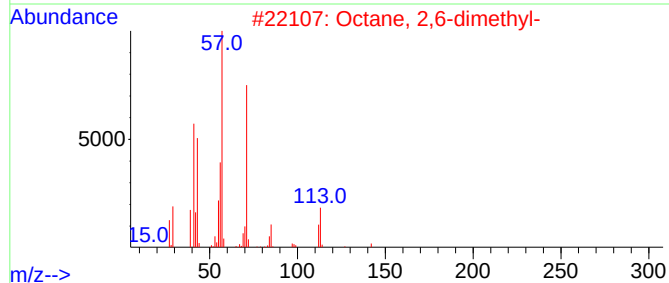
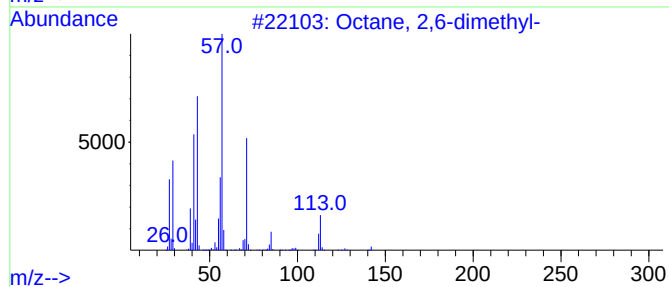
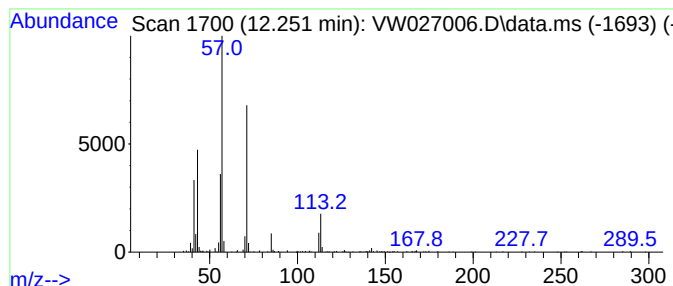
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	1.94 ug/L	185484	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
3	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	87
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	86
5	Undecane, 6,6-dimethyl-			184	C13H28	017312-76-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

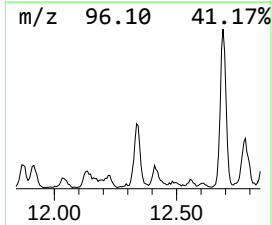
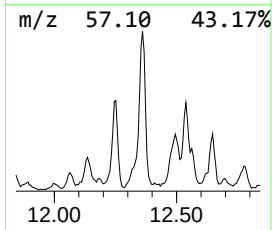
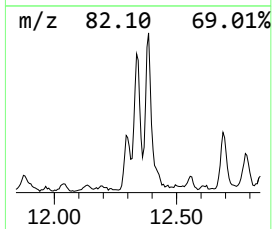
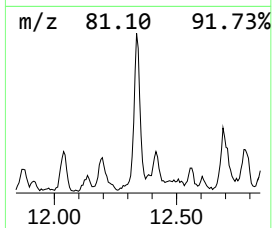
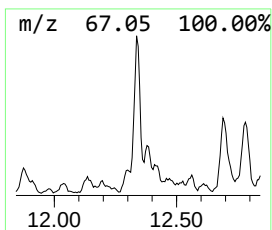
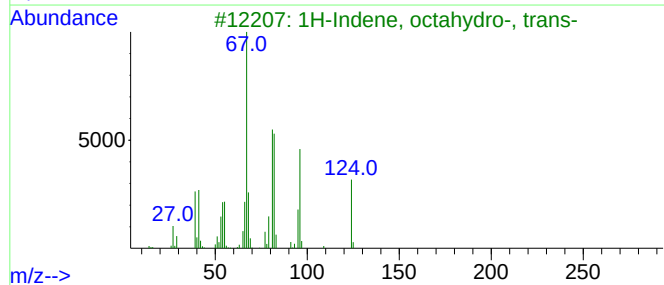
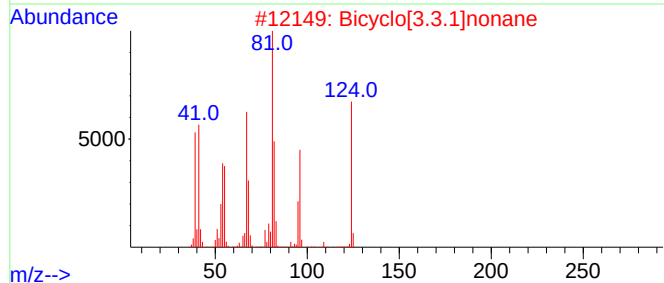
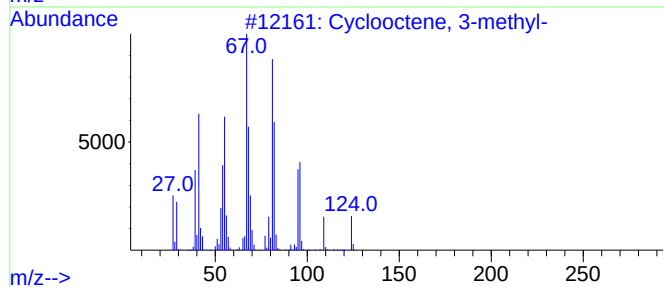
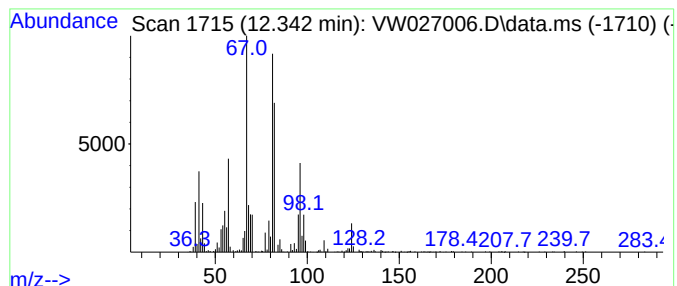
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Quant Title : SFAM01.0

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

Peak Number 6 Cyclooctene, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	2.76 ug/L	263409	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	81
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
3			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
4			1H-Indene, octahydro-	124	C9H16	000496-10-6	49
5			Cyclopentene, 3-methyl-1-(1-meth...	124	C9H16	051115-02-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

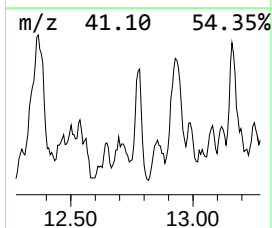
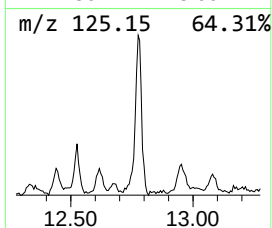
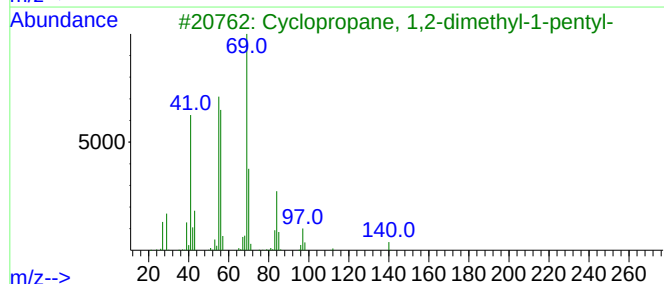
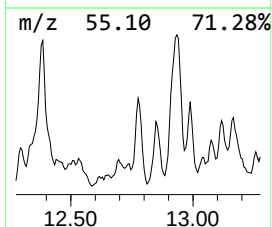
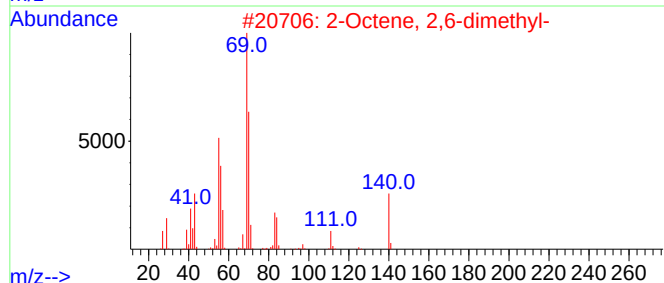
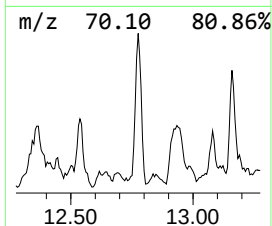
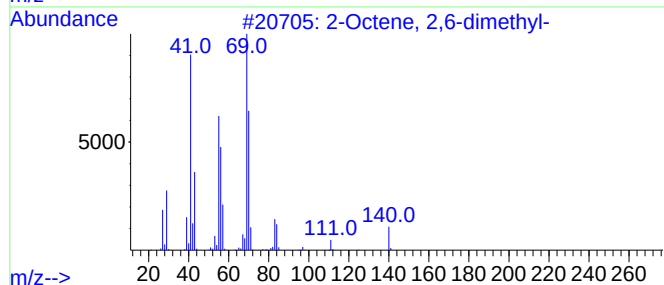
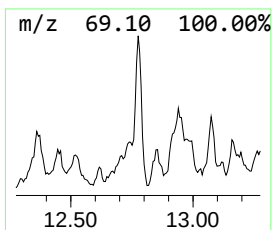
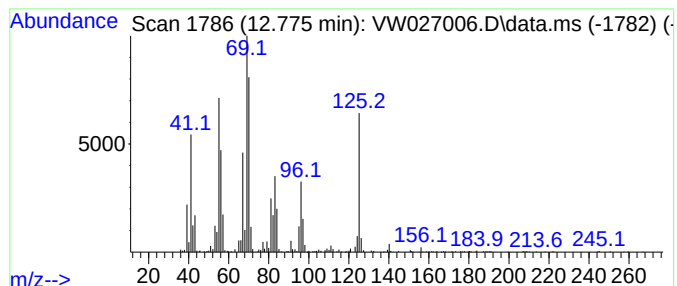
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	8.36 ug/L	432319	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	53
2	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	50
3	Cyclopropane, 1,2-dimethyl-1-pen...			140	C10H20	062238-04-4	45
4	4-Octene, 2,6-dimethyl-, [S-(E)]-			140	C10H20	062960-76-3	43
5	6-Dodecene, (E)-			168	C12H24	007206-17-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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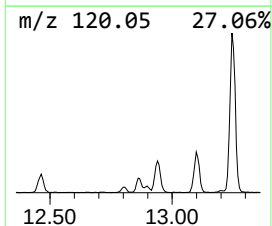
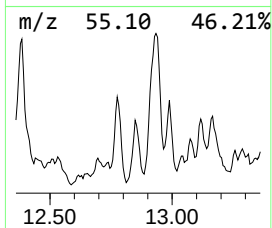
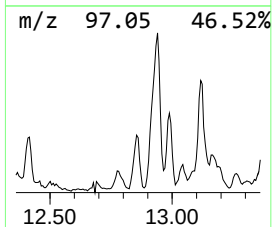
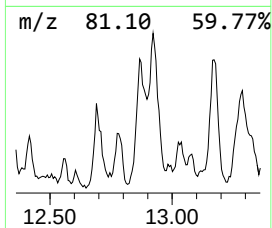
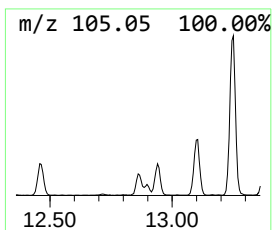
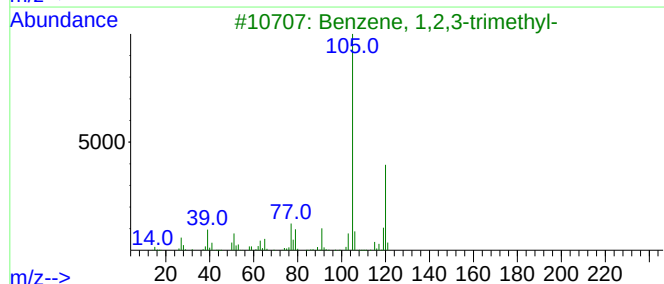
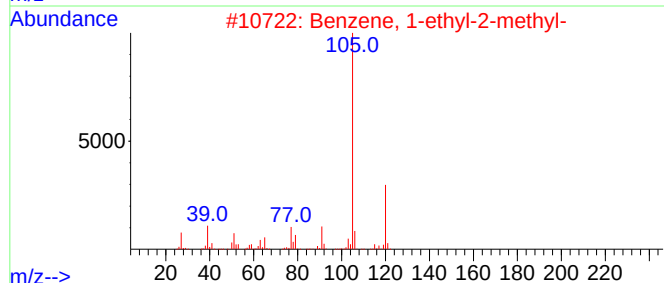
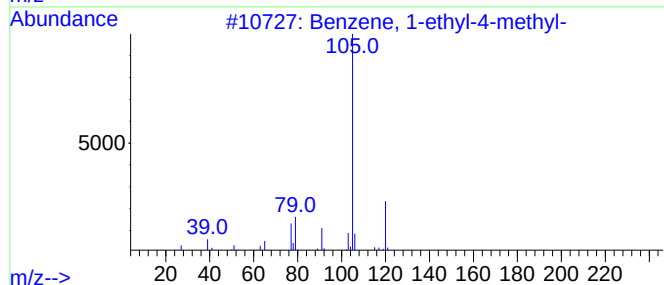
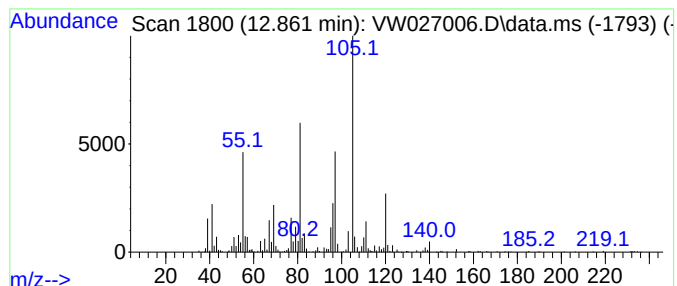
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	5.57 ug/L	288291	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	35
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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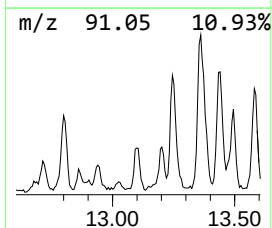
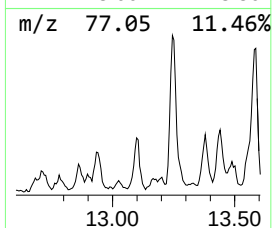
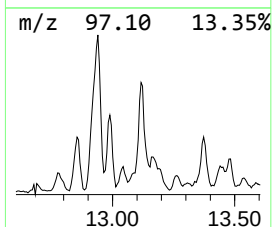
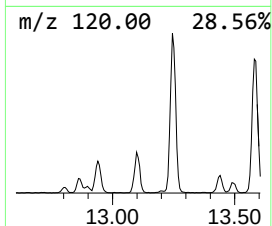
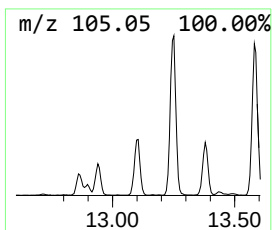
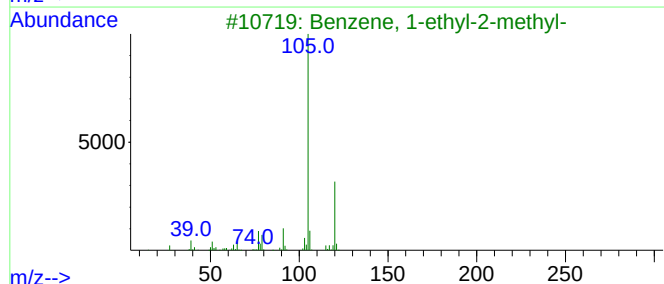
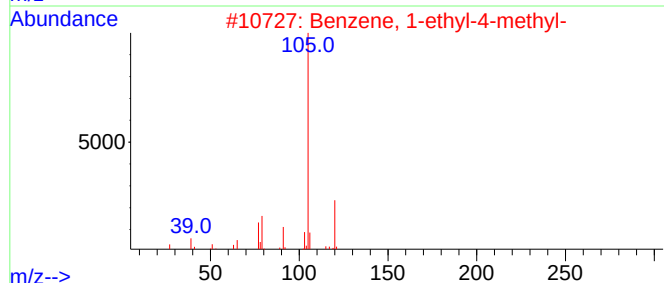
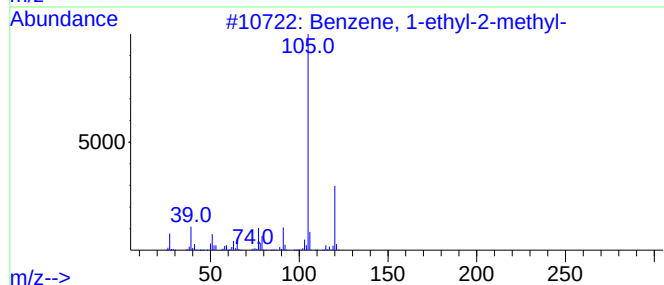
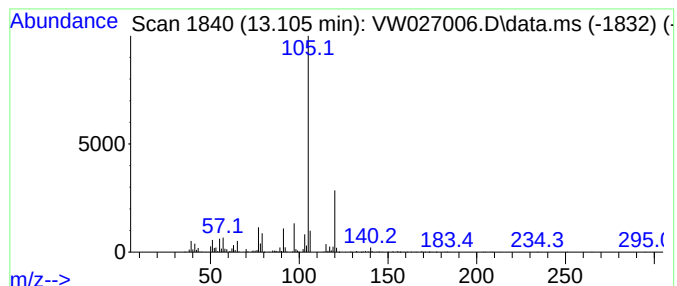
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	8.08 ug/L	417927	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

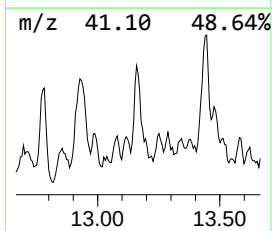
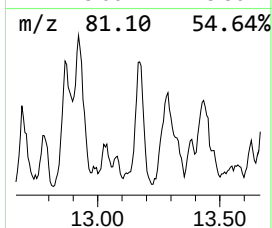
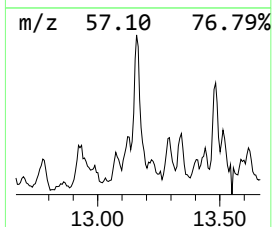
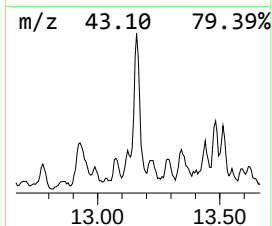
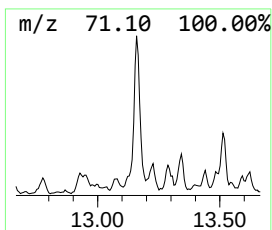
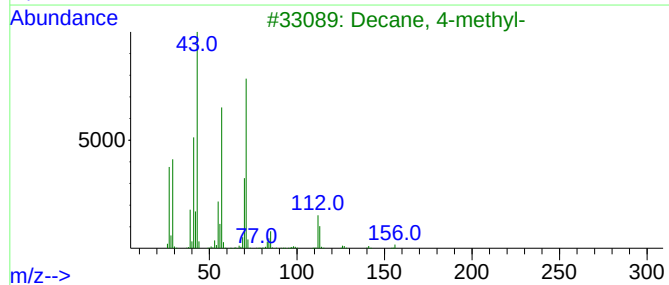
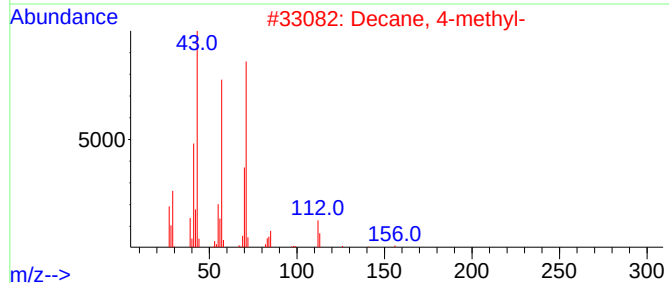
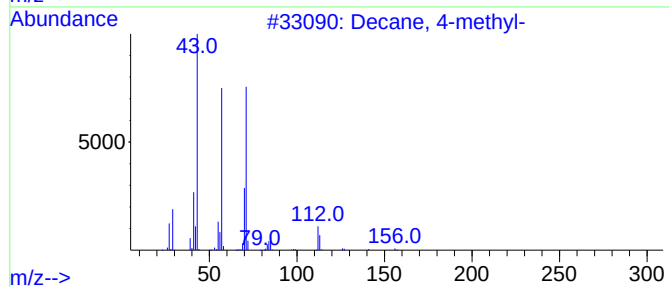
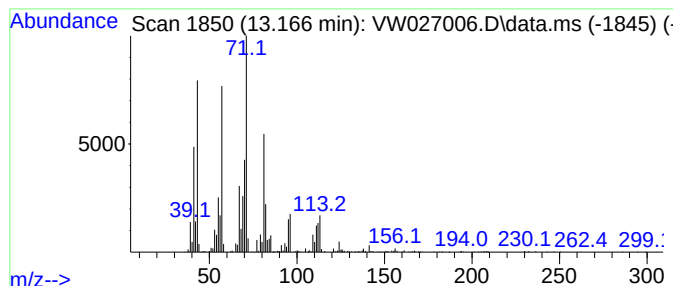
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.166	8.08 ug/L	418072	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	64
2	Decane, 4-methyl-		156	C11H24	002847-72-5	64
3	Decane, 4-methyl-		156	C11H24	002847-72-5	58
4	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	50
5	Z-1-Methoxy-2-hexene		114	C7H14O	1000279-60-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

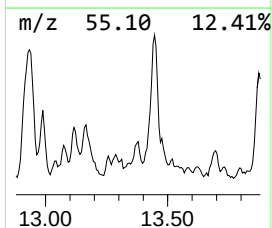
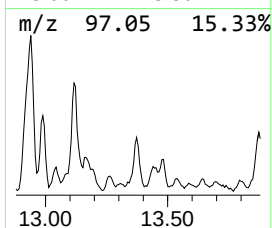
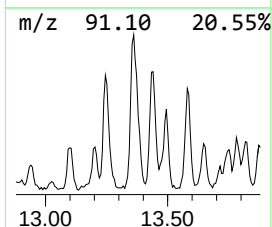
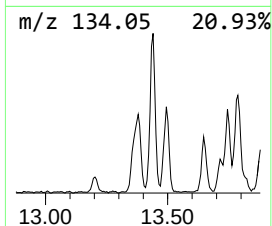
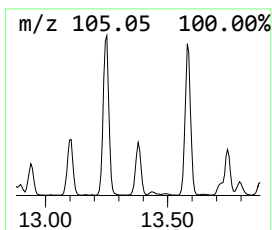
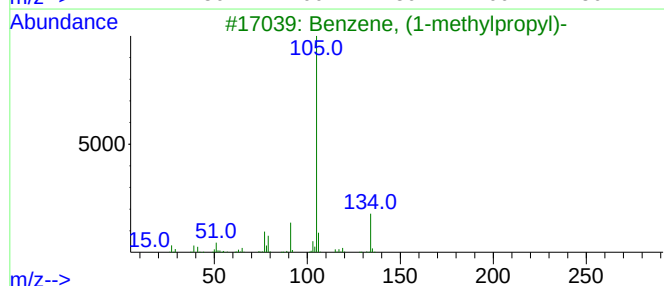
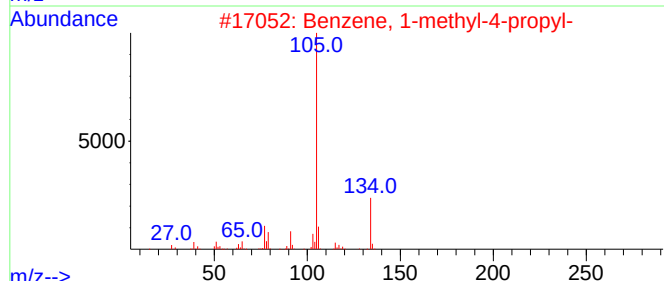
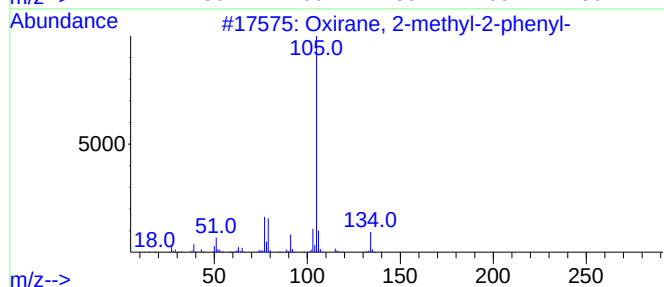
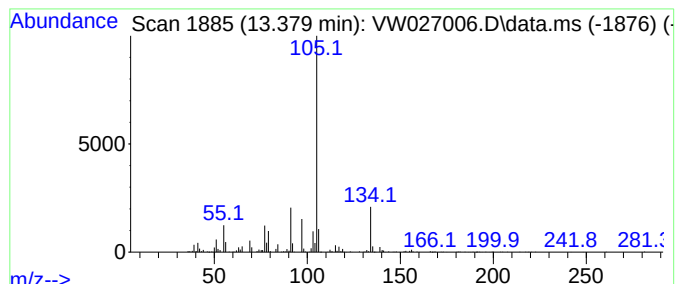
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Quant Title : SFAM01.0

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

Peak Number 12 Oxirane, 2-methyl-2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	5.52 ug/L	285430	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	81
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

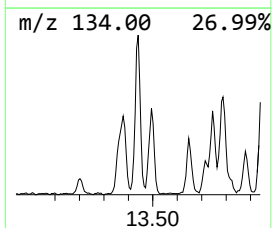
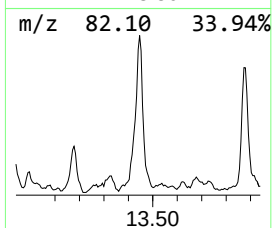
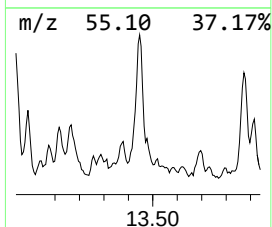
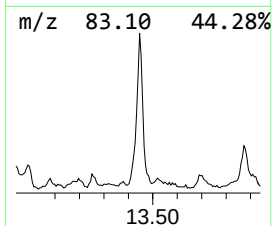
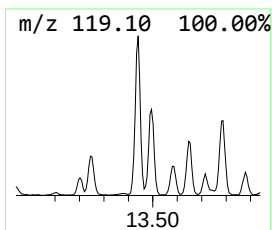
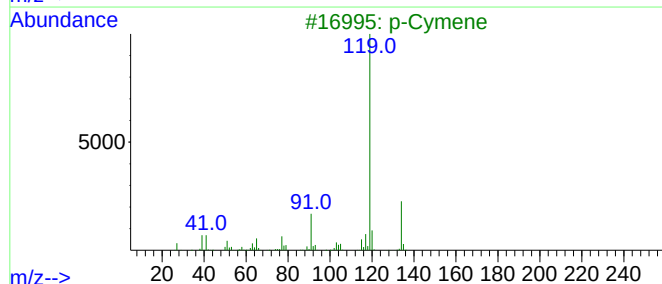
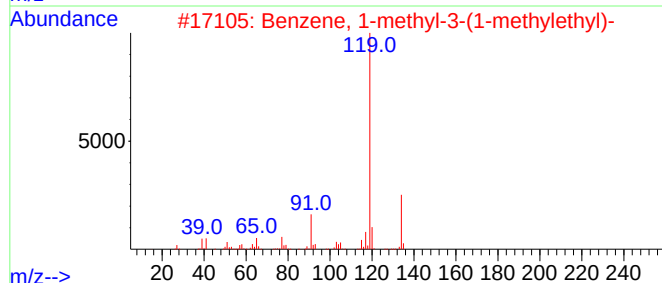
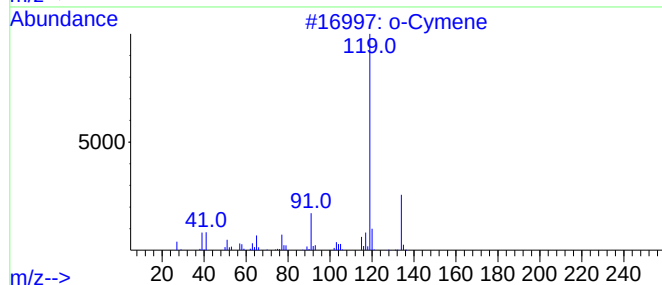
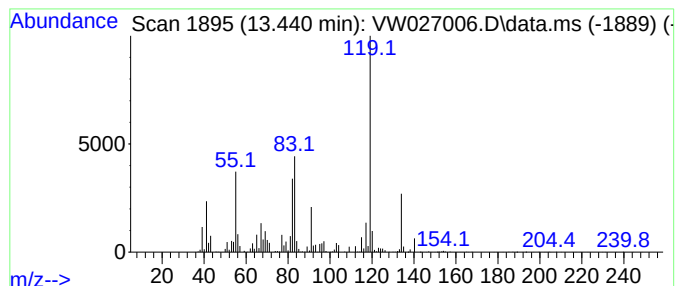
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Quant Title : SFAM01.0

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

Peak Number 13 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	14.82 ug/L	766518	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-3-(1-methylethyl)-	134	C10H14	000535-77-3	92
3			p-Cymene	134	C10H14	000099-87-6	92
4			o-Cymene	134	C10H14	000527-84-4	92
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

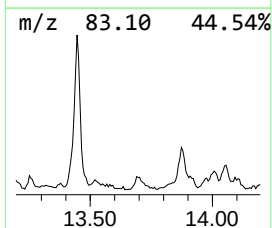
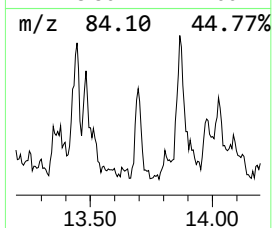
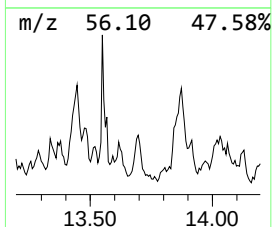
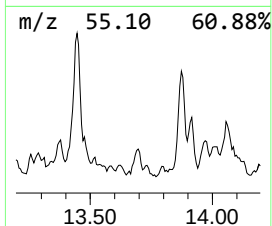
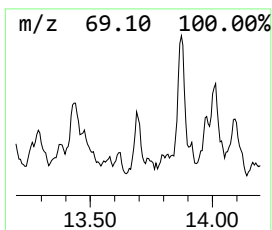
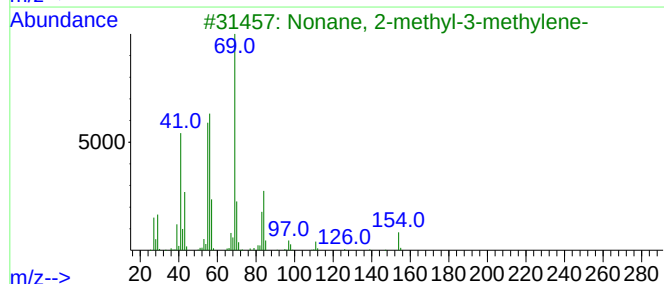
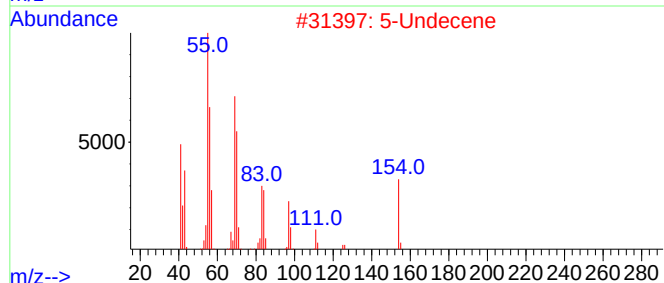
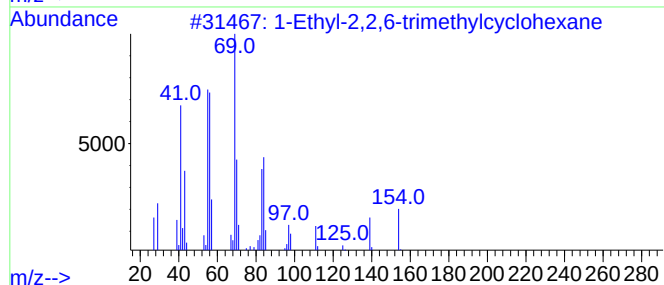
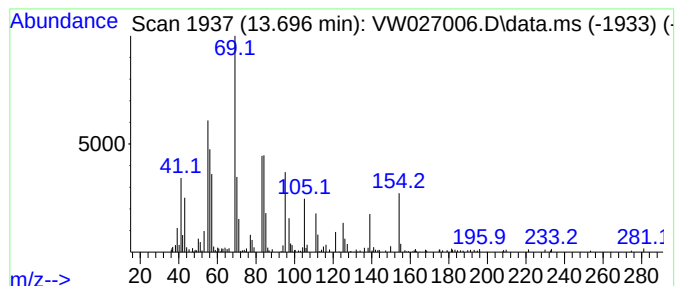
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.696 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	1.70 ug/L	87890	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2		5-Undecene	154	C11H22	004941-53-1	81
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
4		Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	38
5		2-(1,5-Dimethyl-hexyl)-cyclobuta...	182	C12H22O	1000187-17-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

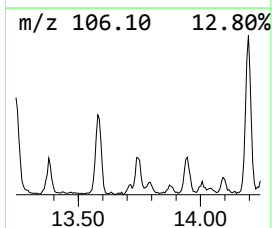
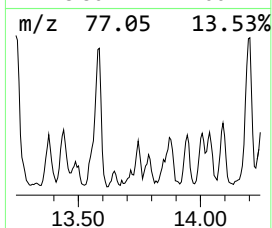
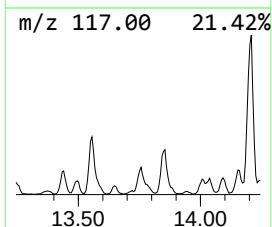
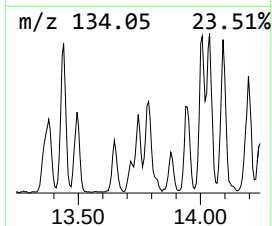
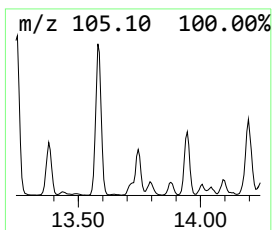
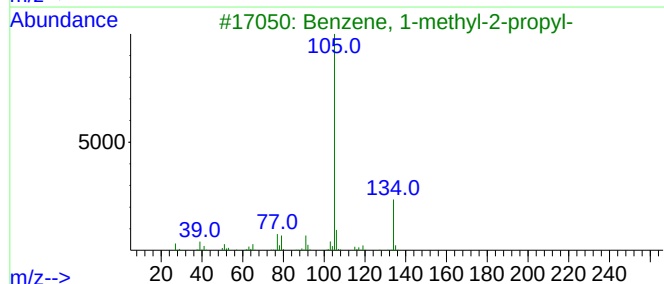
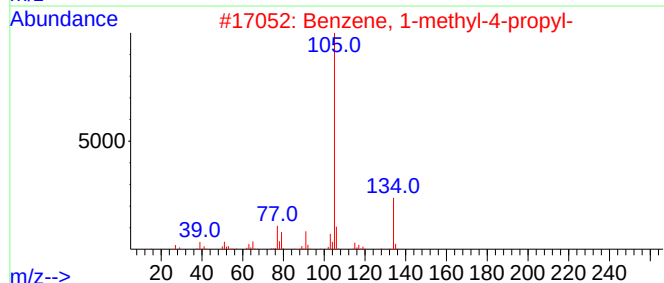
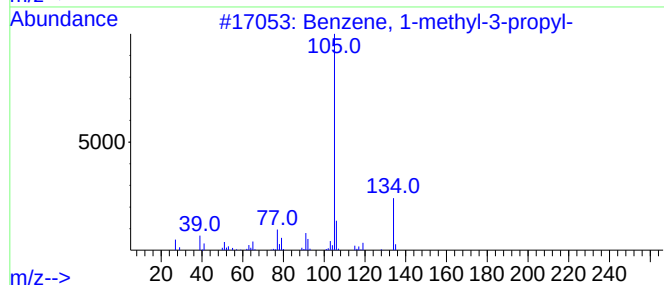
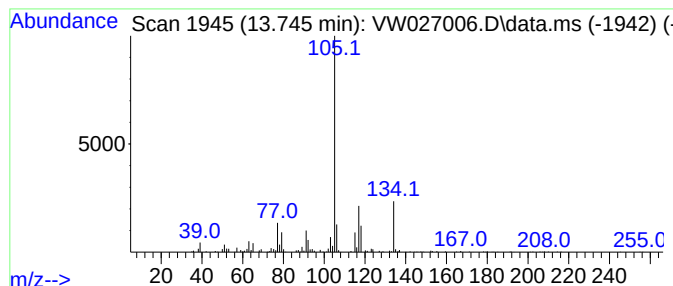
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	2.35 ug/L	121585	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	62
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	62
5			2-Tolylloxirane	134	C9H10O	002783-26-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

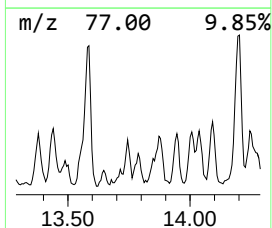
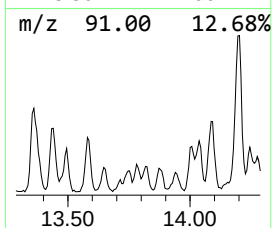
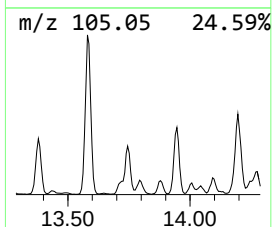
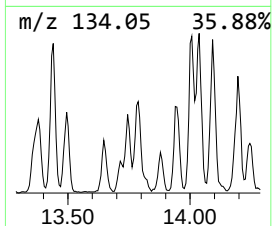
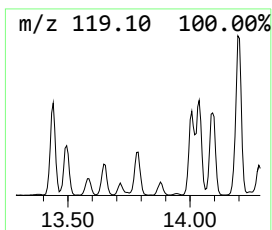
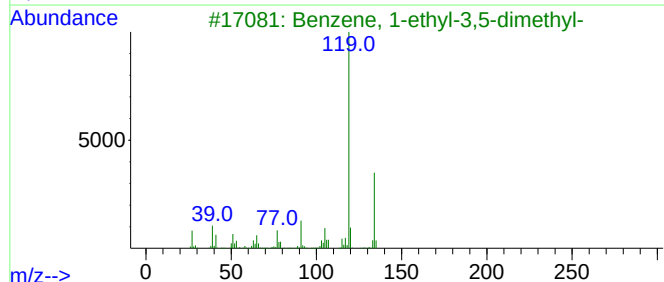
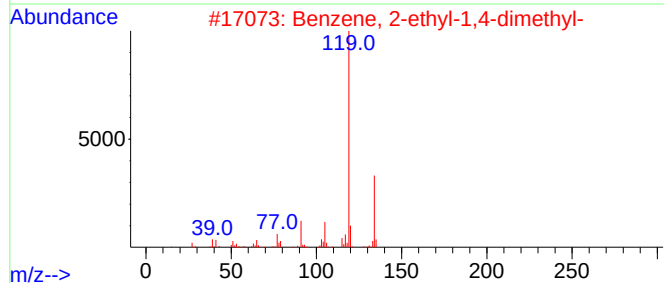
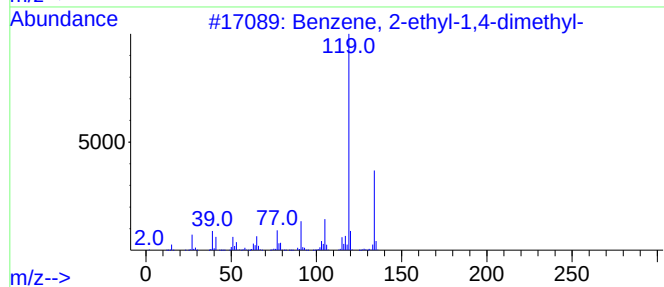
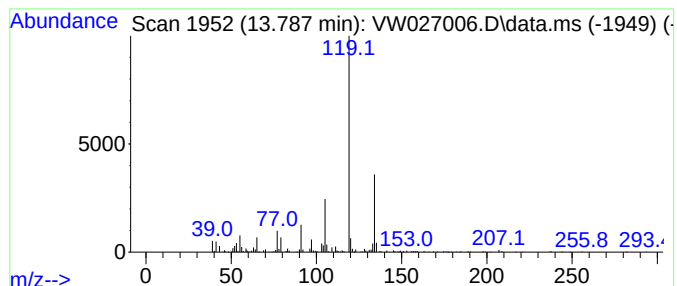
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	2.11 ug/L	109416	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

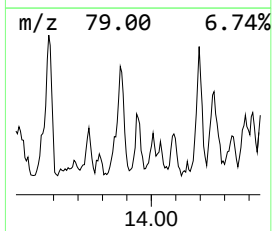
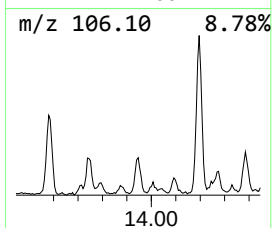
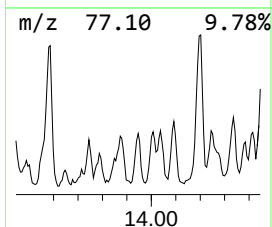
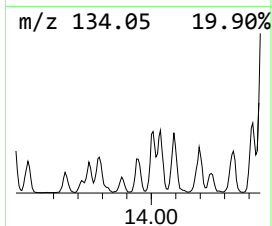
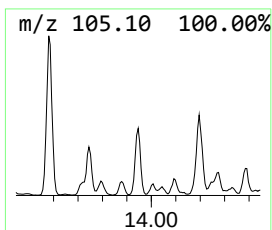
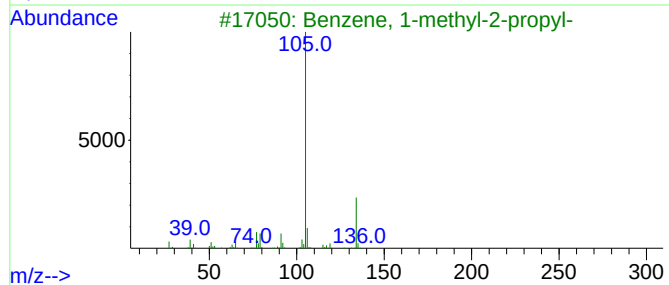
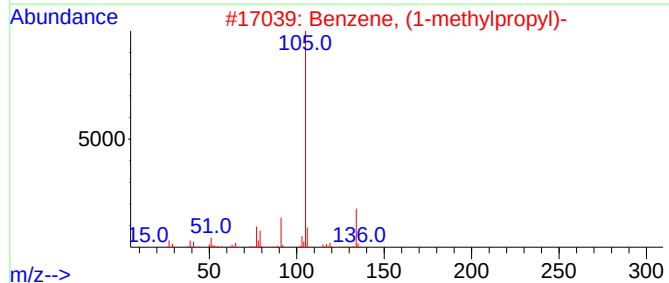
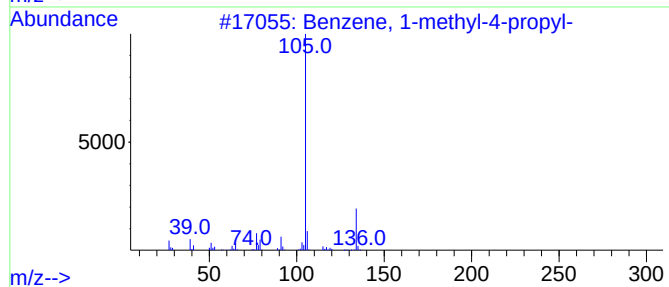
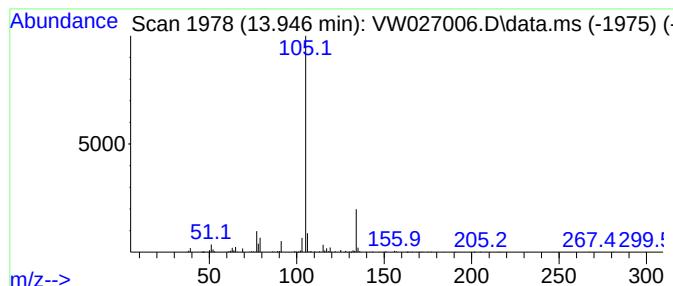
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	3.17 ug/L	163879	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

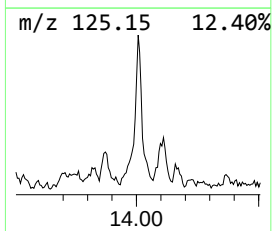
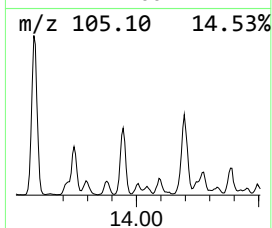
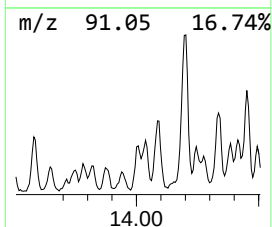
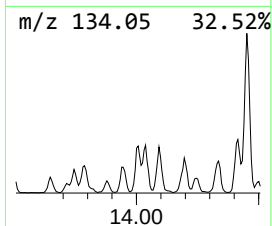
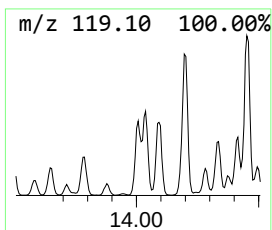
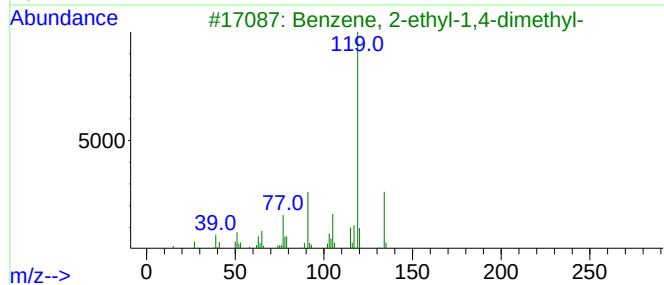
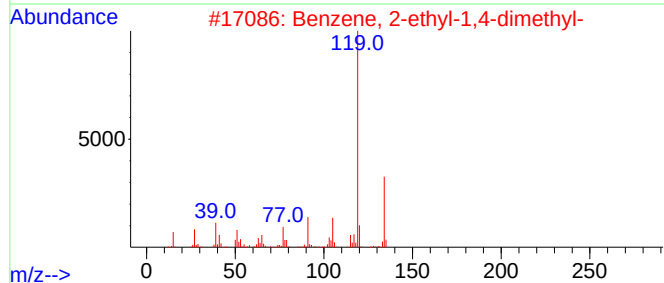
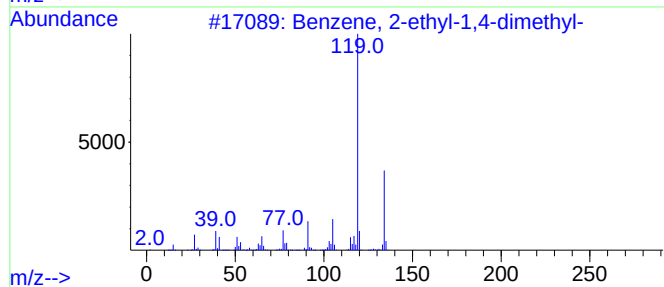
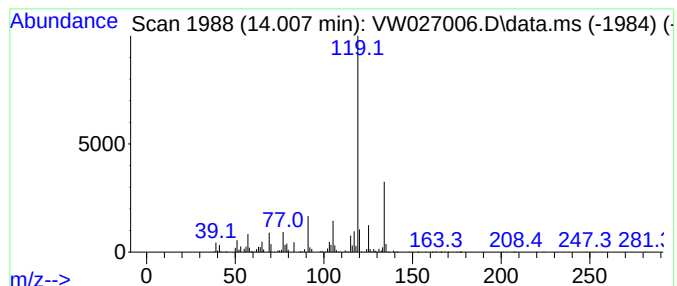
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	7.61 ug/L	393782	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

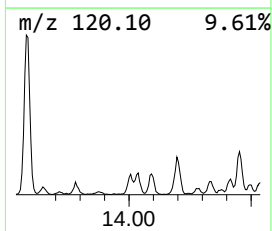
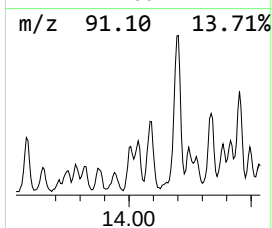
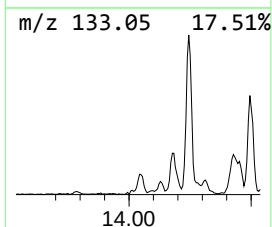
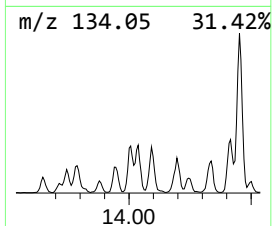
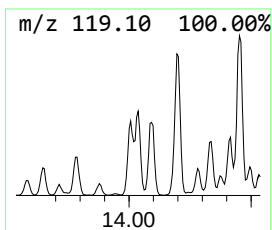
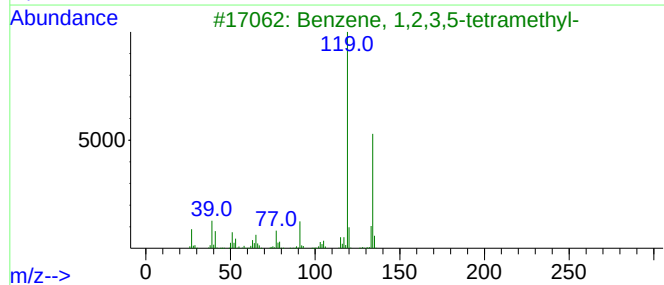
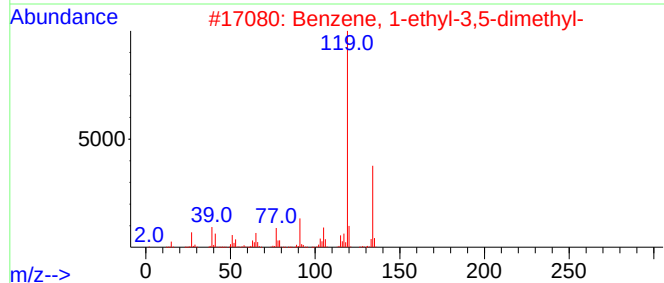
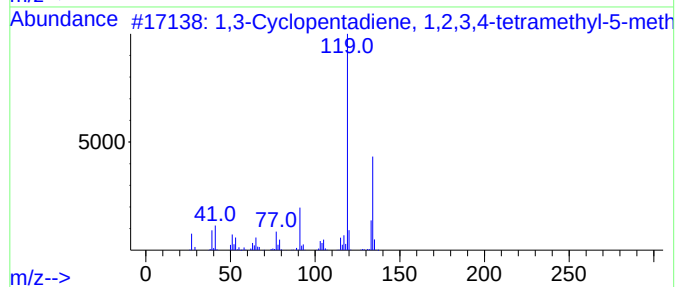
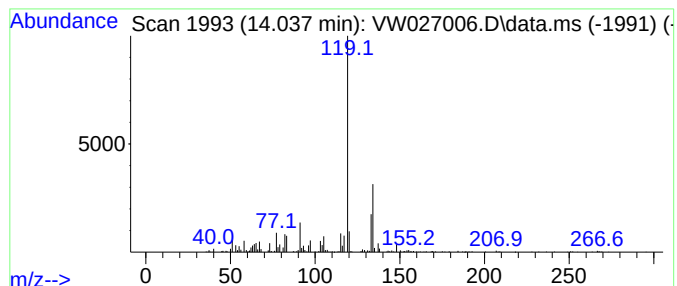
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Quant Title : SFAM01.0

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

Peak Number 19 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.037	6.99 ug/L	361865	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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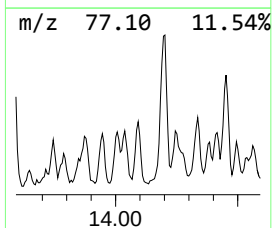
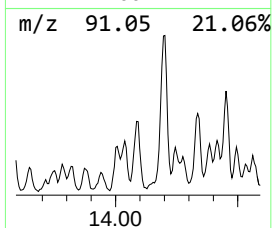
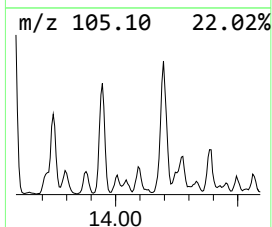
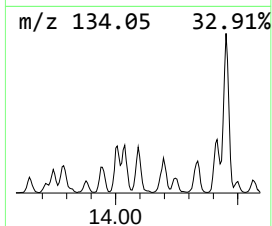
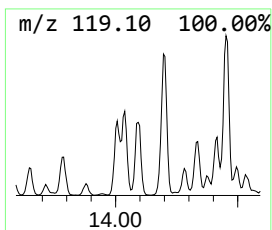
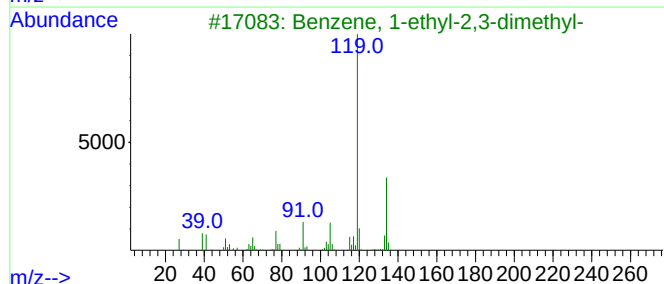
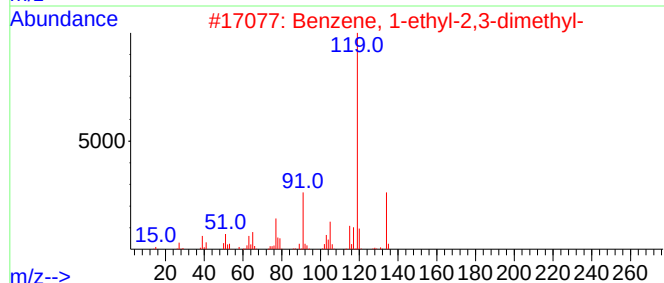
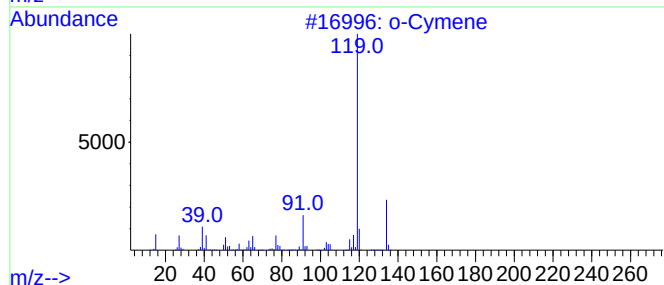
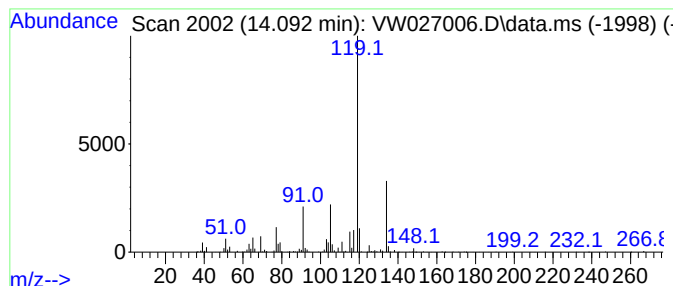
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	6.37 ug/L	329693	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

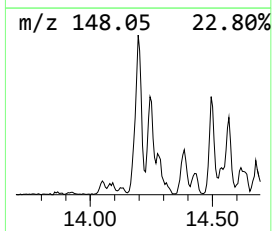
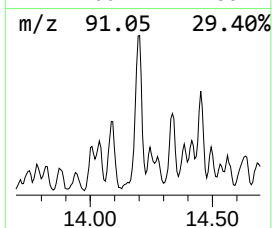
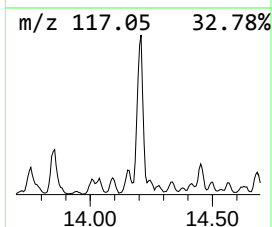
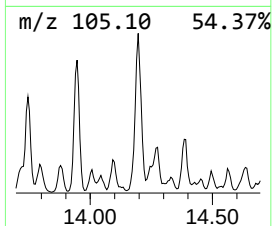
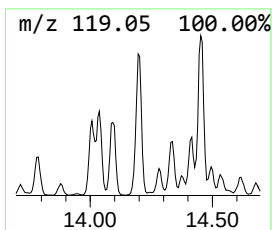
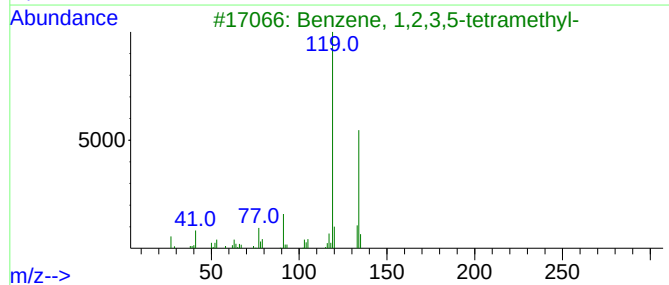
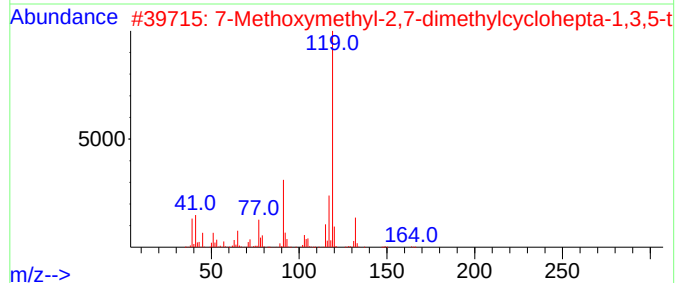
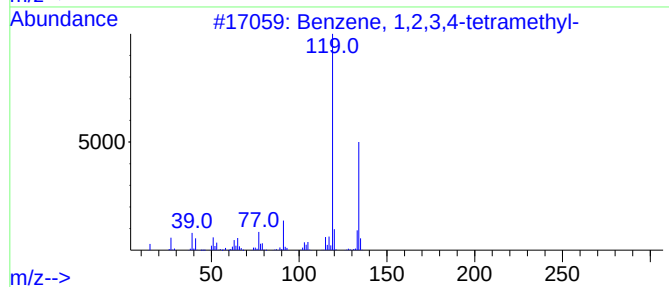
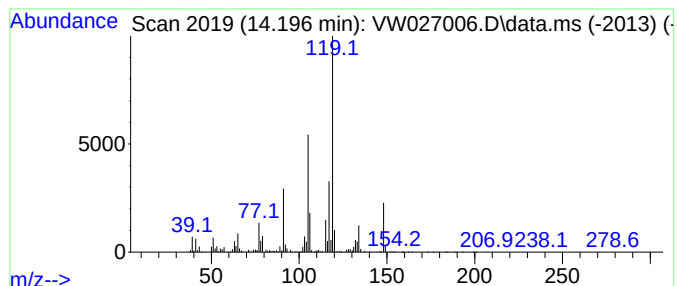
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	21.41 ug/L	1107550	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2			7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	70
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5			o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

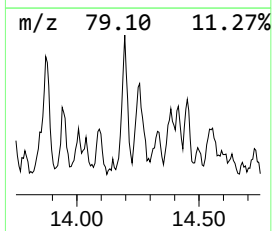
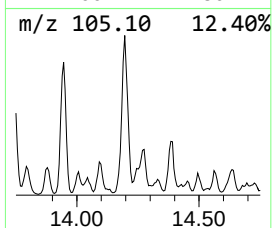
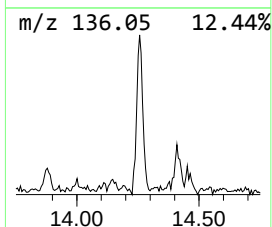
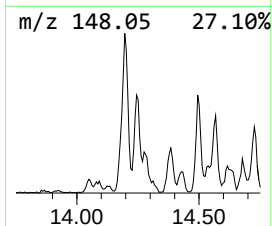
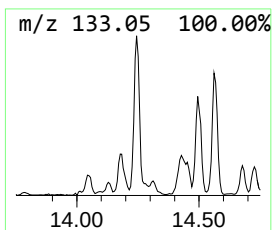
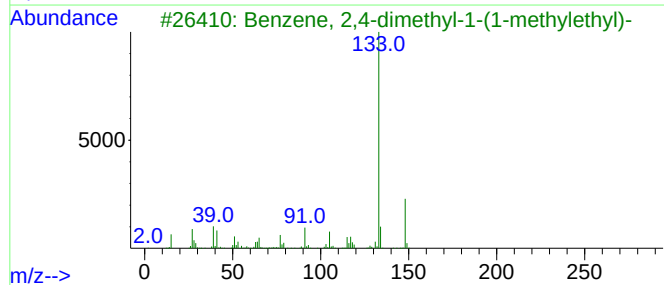
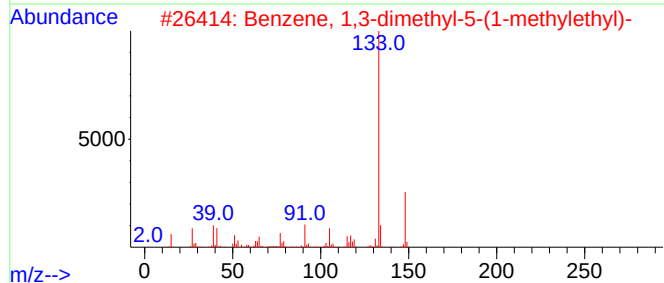
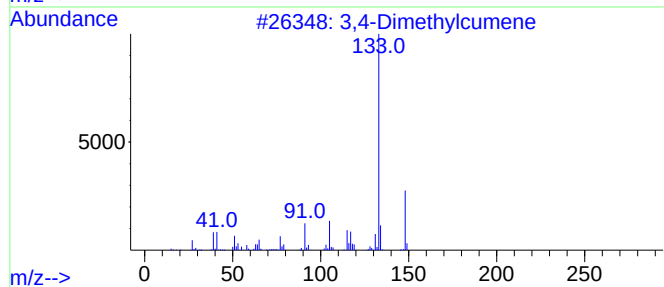
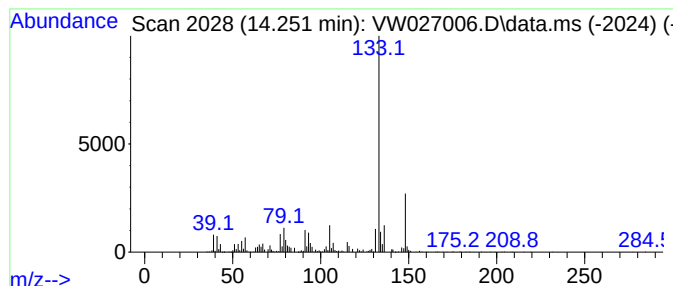
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Quant Title : SFAM01.0

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

Peak Number 22 3,4-Dimethylcumene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	9.18 ug/L	474773	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	74
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	68
3			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	68
4			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	64
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

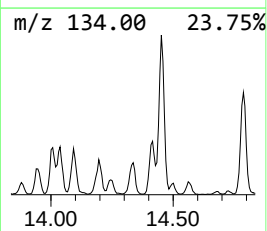
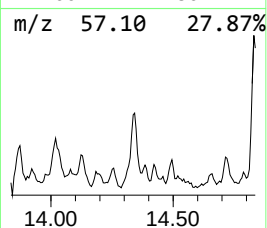
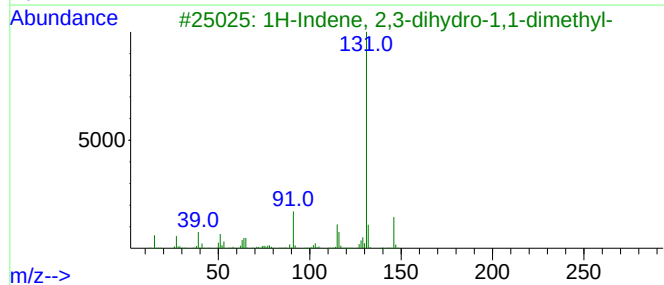
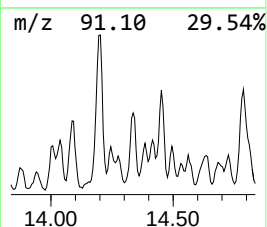
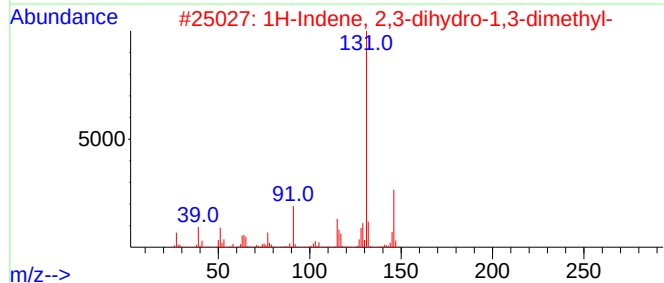
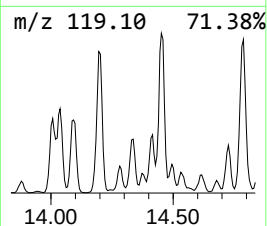
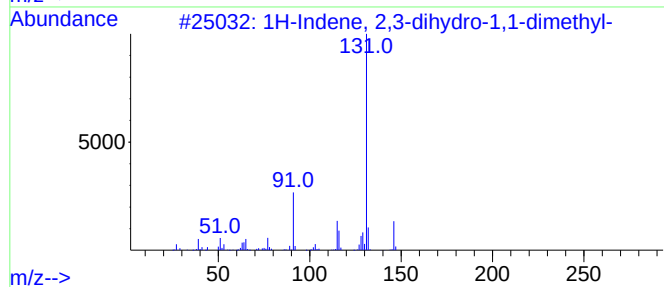
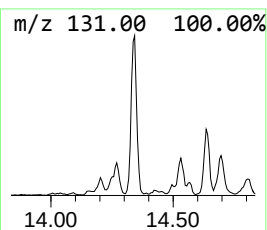
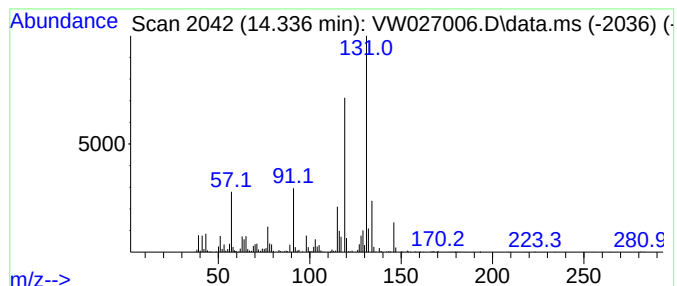
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Quant Title : SFAM01.0

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

Peak Number 23 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	11.71 ug/L	606031	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91		
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70		
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70		
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	62		
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	58		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

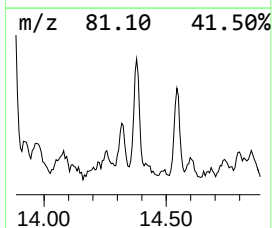
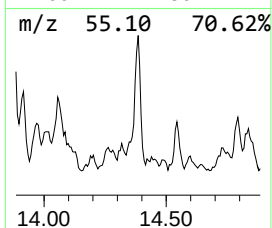
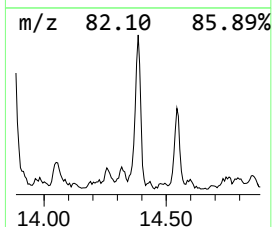
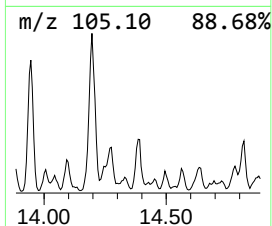
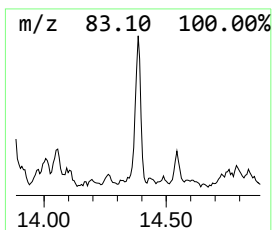
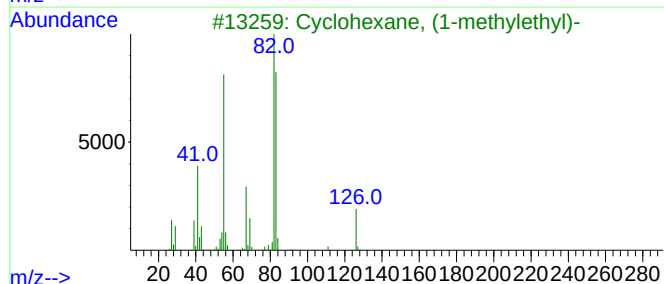
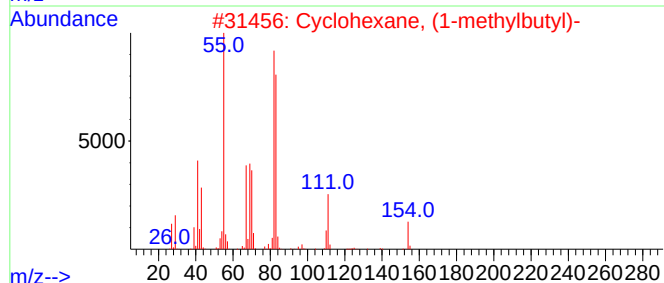
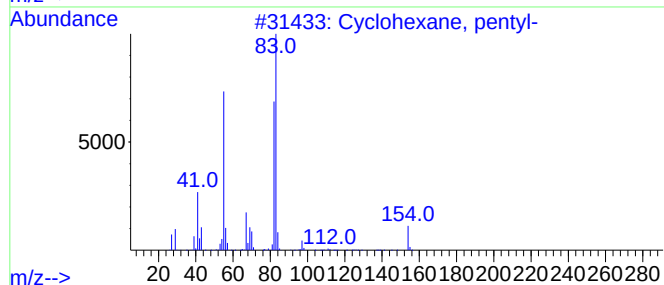
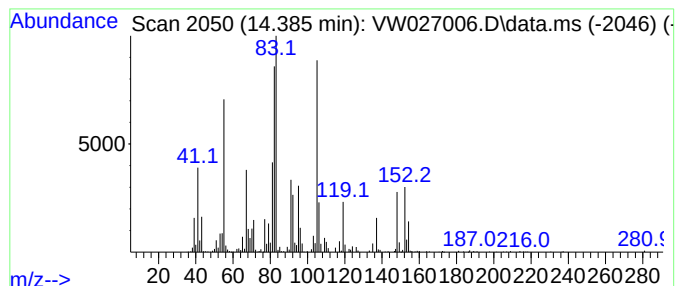
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic14.385 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	6.64 ug/L	343705	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	43
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	38
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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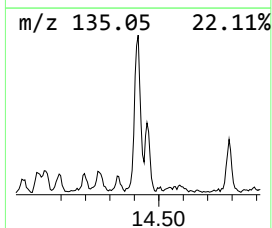
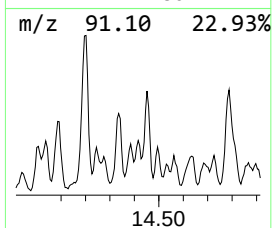
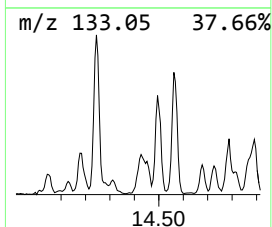
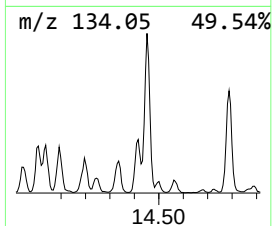
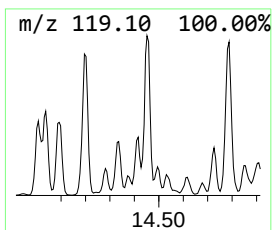
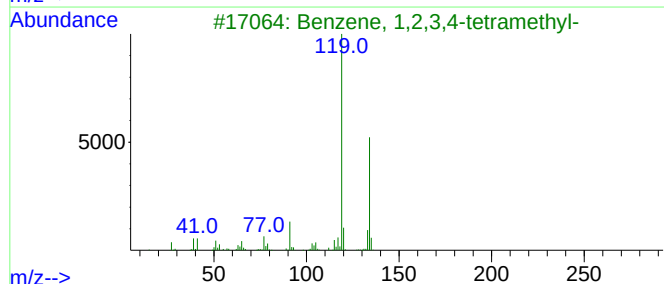
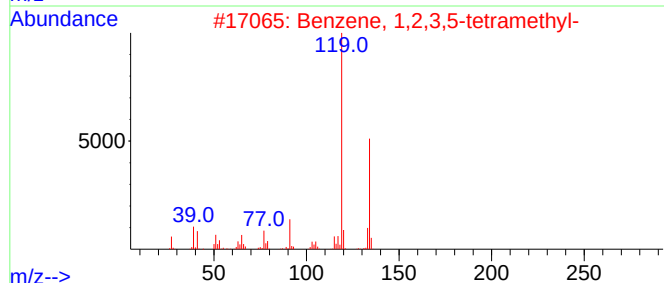
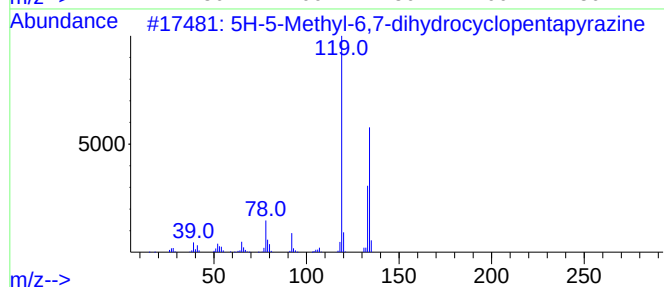
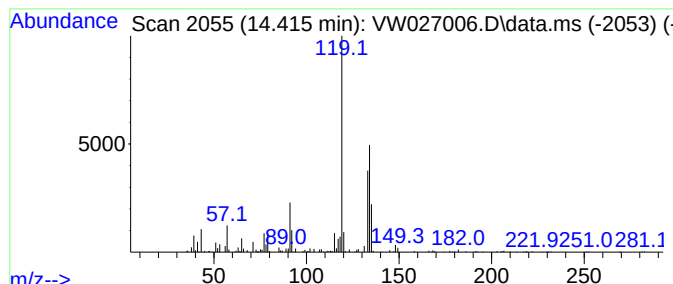
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Quant Title : SFAM01.0

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

Peak Number 25 5H-5-Methyl-6,7-dihydrocyclopent... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	2.10 ug/L	108602	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	72
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

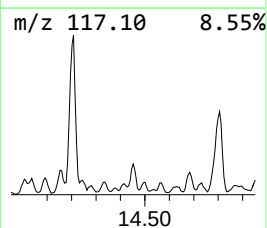
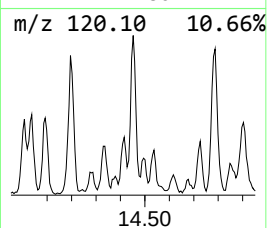
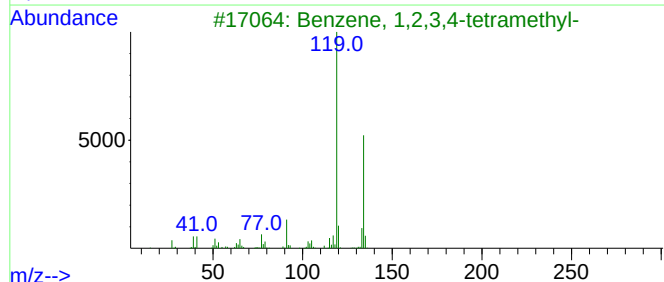
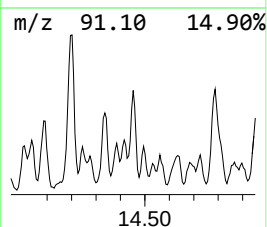
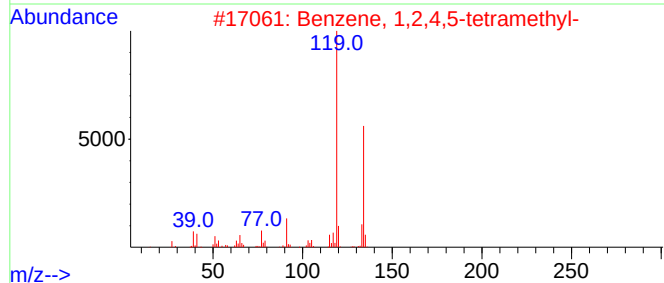
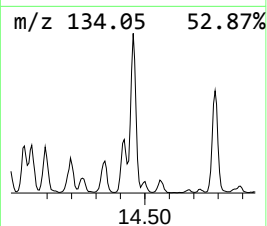
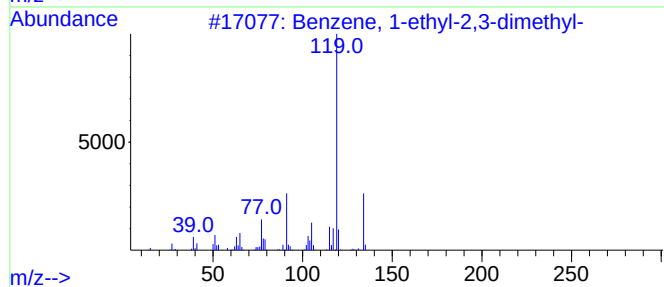
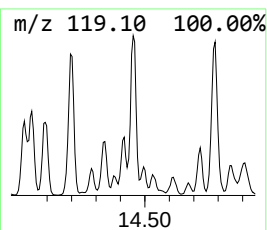
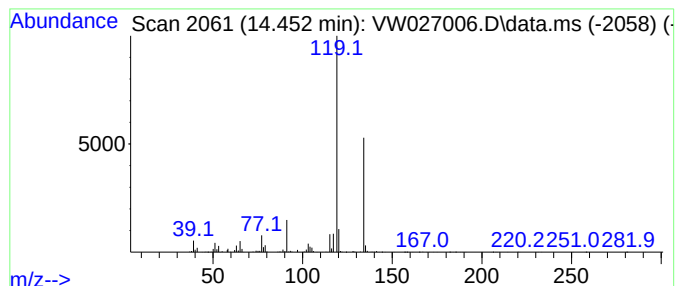
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	10.94 ug/L	565983	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

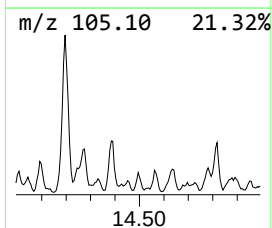
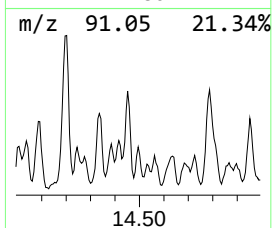
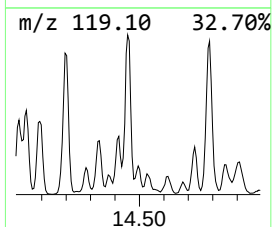
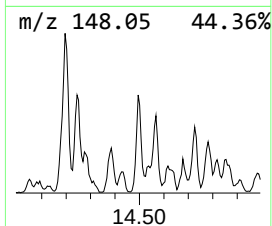
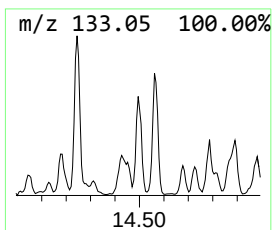
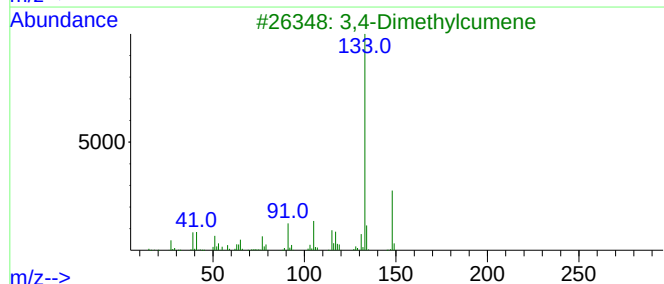
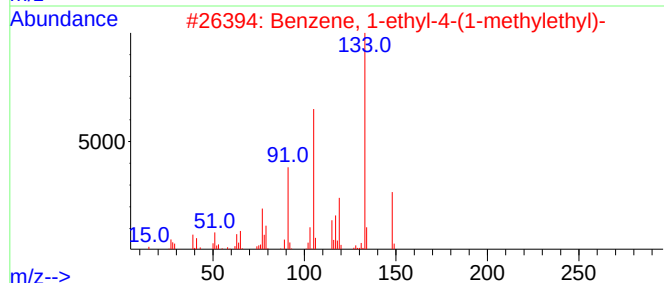
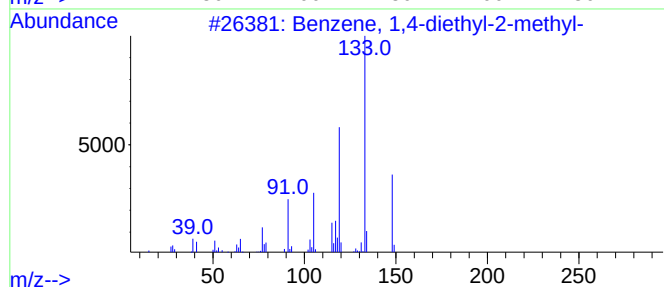
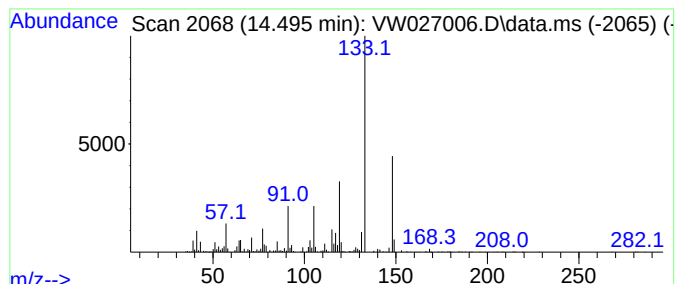
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	3.74 ug/L	193469	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

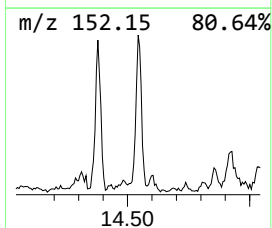
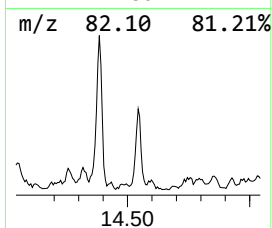
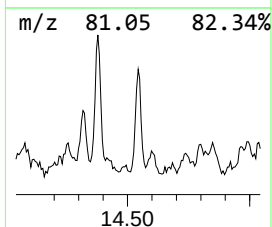
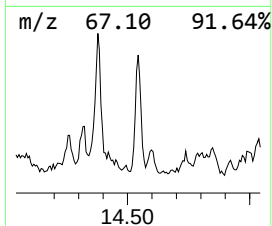
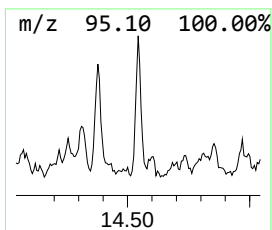
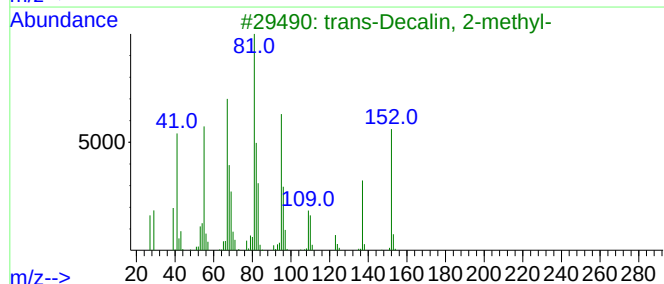
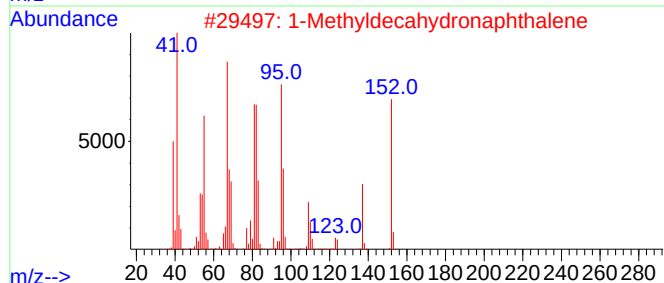
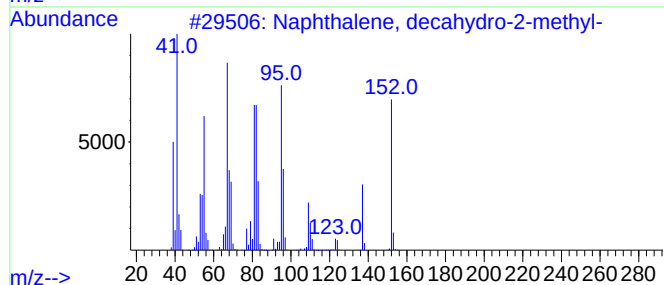
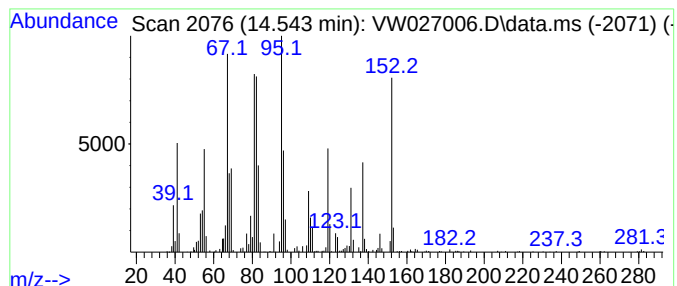
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Quant Title : SFAM01.0

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

Peak Number 28 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	5.36 ug/L	277401	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

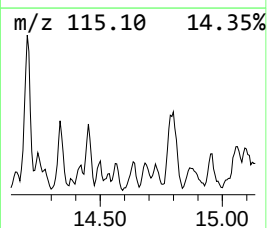
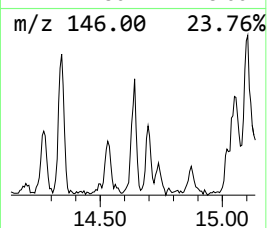
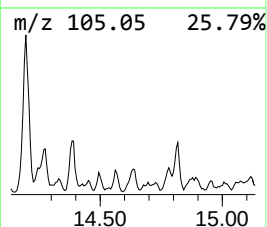
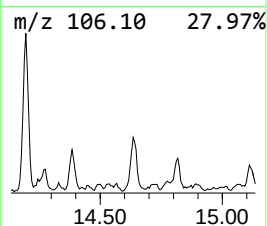
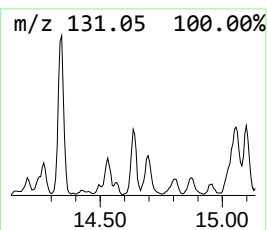
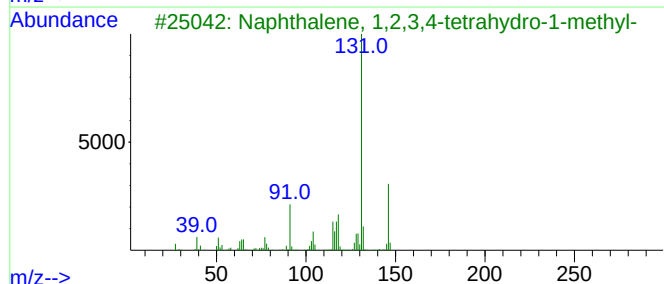
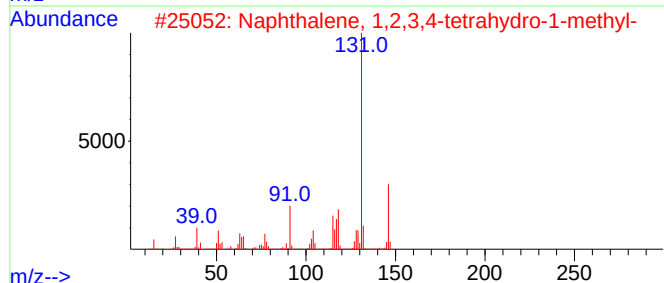
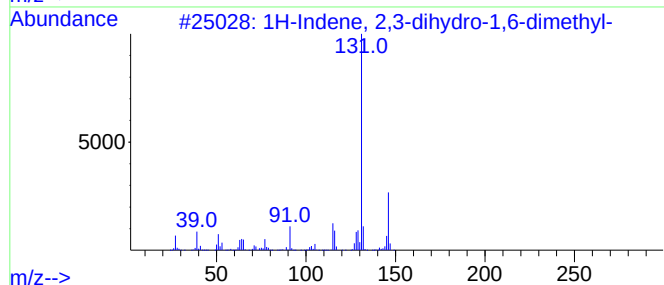
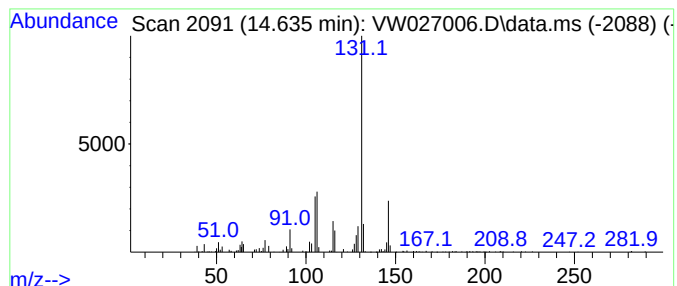
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Quant Title : SFAM01.0

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

Peak Number 29 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	2.95 ug/L	152423	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

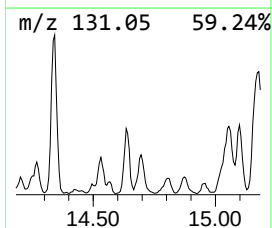
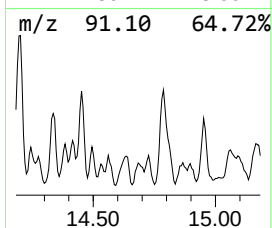
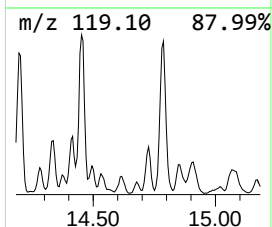
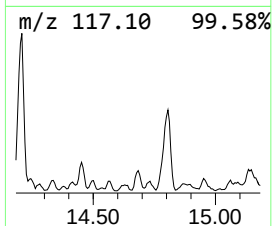
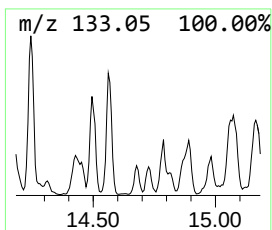
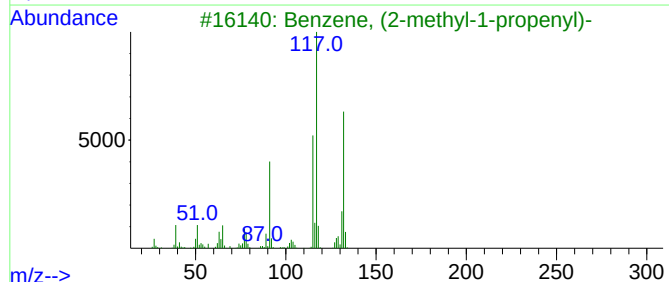
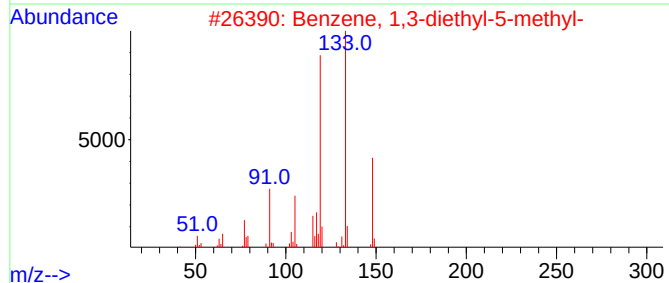
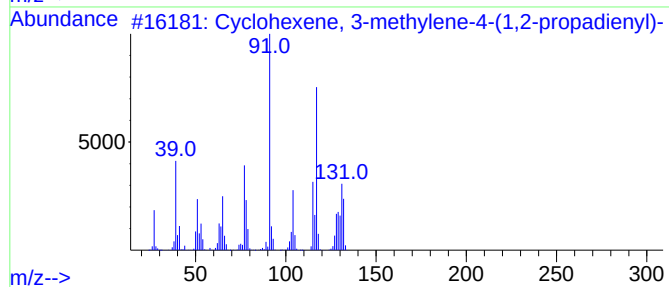
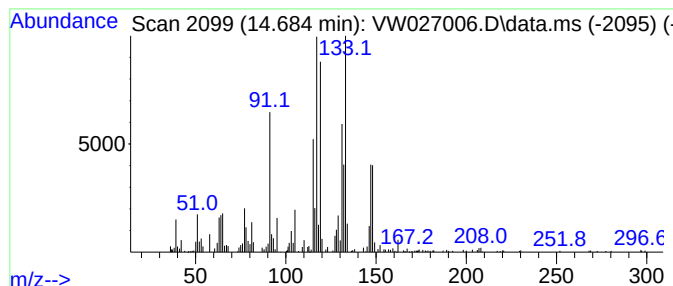
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Quant Title : SFAM01.0

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

Peak Number 30 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	2.83 ug/L	146226	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	46
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	42
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	41
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

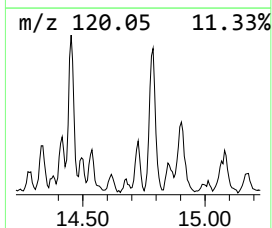
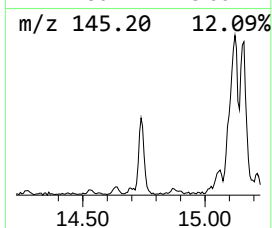
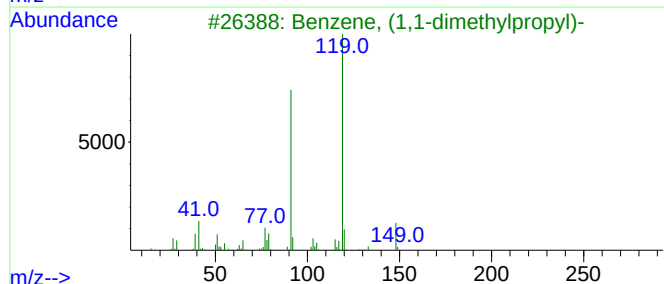
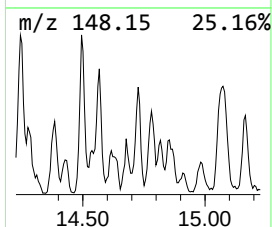
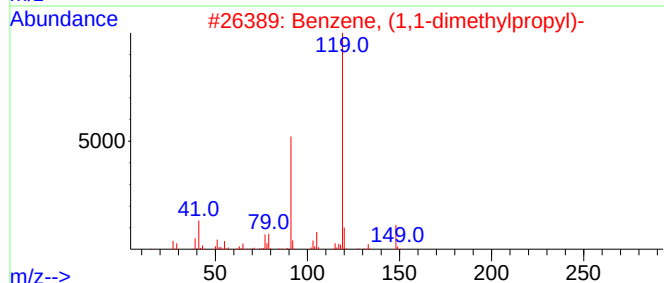
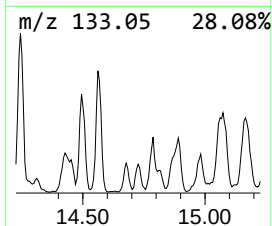
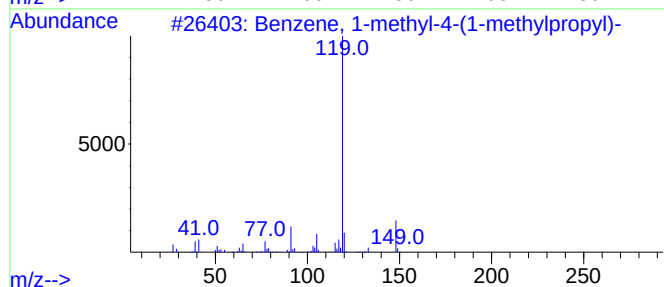
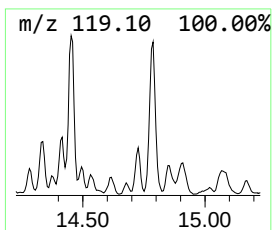
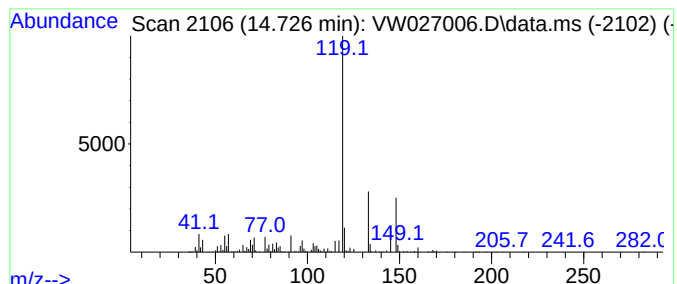
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.726	4.21 ug/L	217660	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	64
2	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	64
3	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	59
4	2-Propenal, 3-(2-pyridinylamino)-		148	C8H8N2O	068970-82-1	53
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

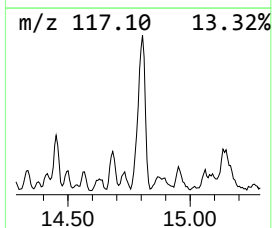
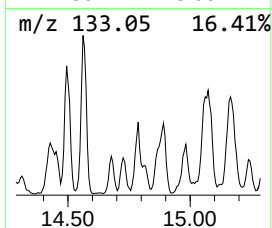
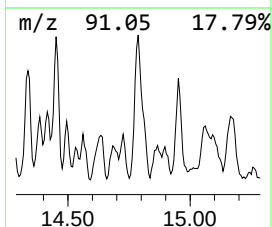
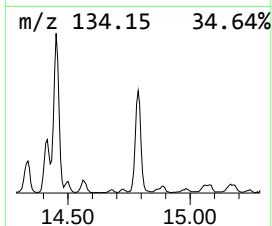
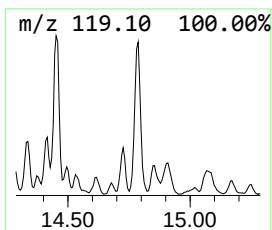
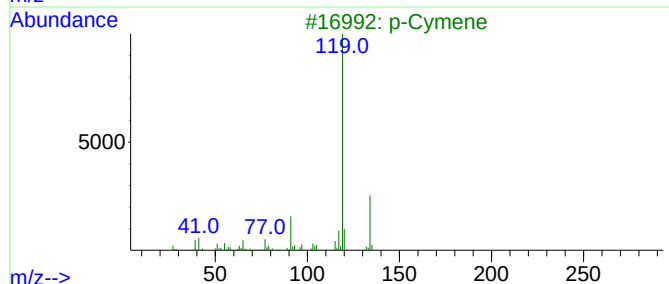
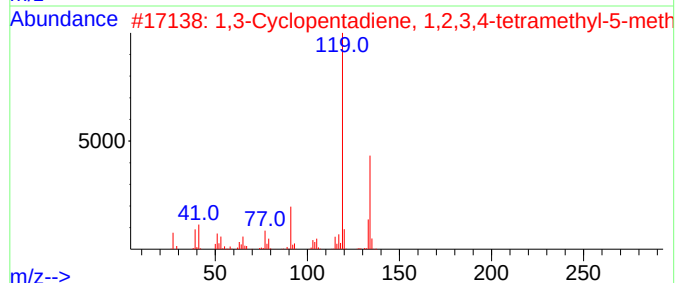
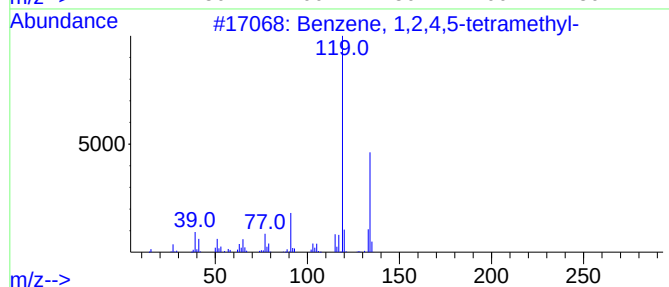
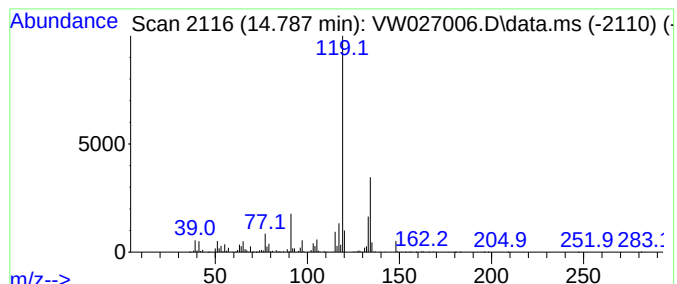
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Quant Title : SFAM01.0

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

Peak Number 32 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	24.70 ug/L	1277850	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3			p-Cymene	134	C10H14	000099-87-6	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

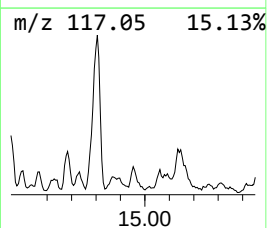
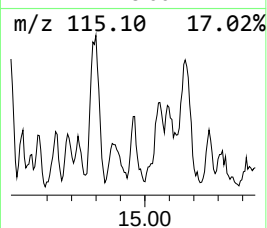
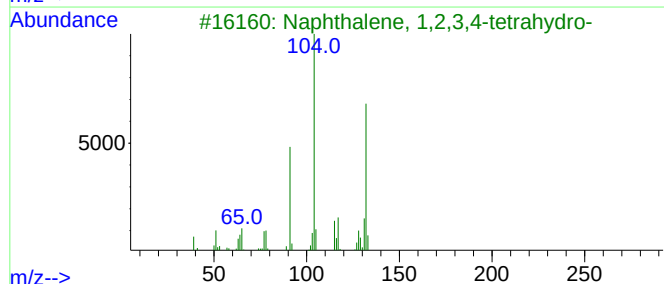
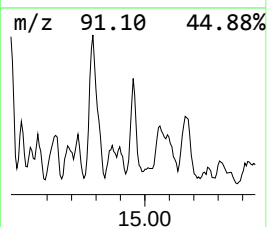
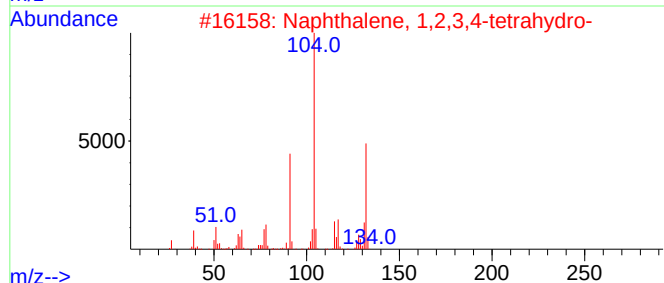
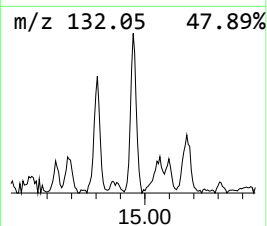
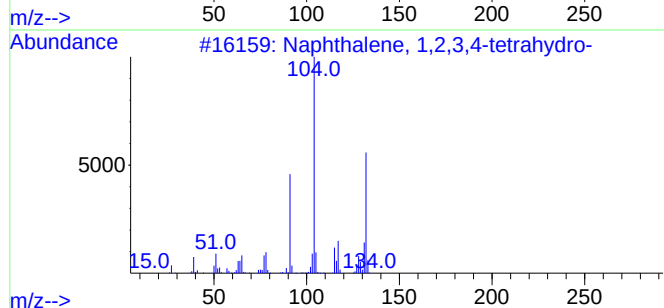
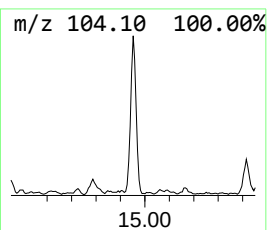
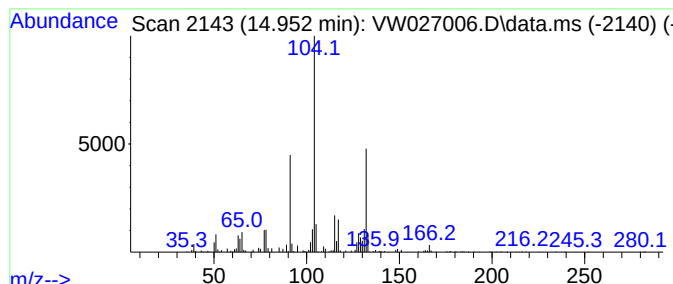
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Quant Title : SFAM01.0

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

Peak Number 33 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	3.43 ug/L	177313	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

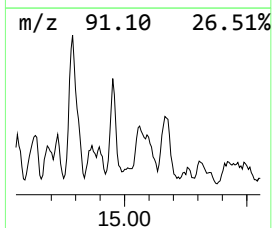
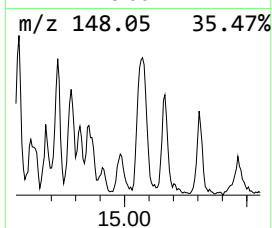
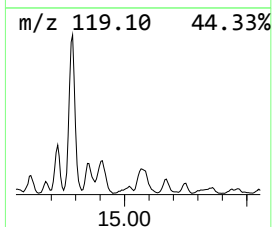
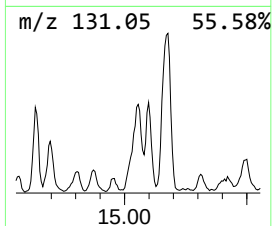
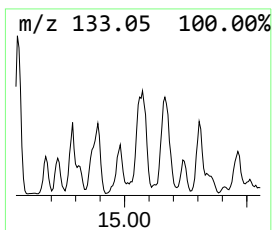
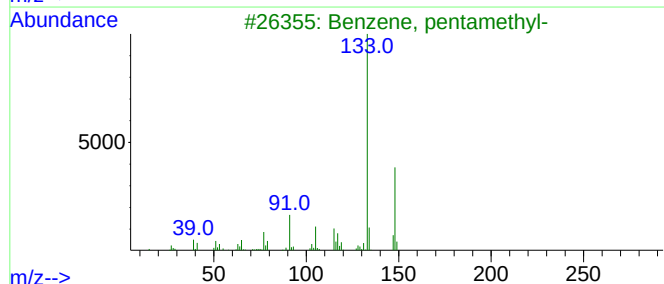
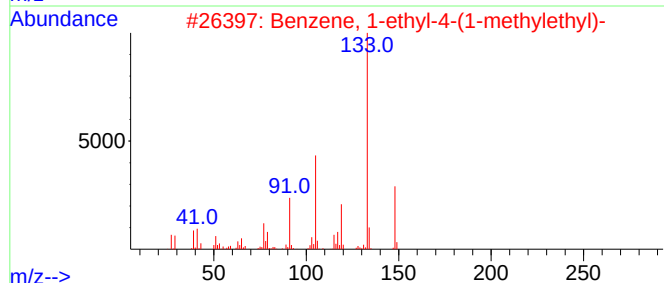
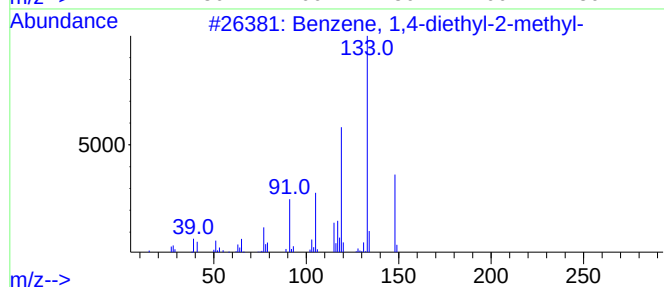
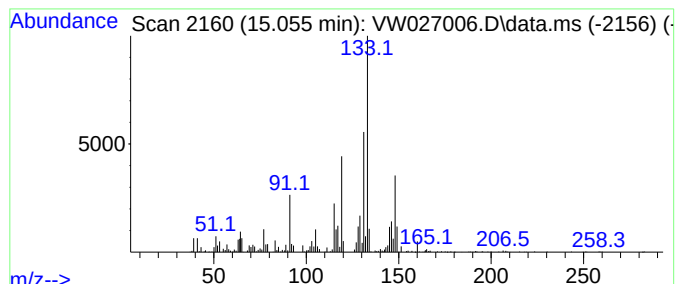
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	5.77 ug/L	298453	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	43
4			m-Ethylacetophenone	148	C10H12O	022699-70-3	38
5			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

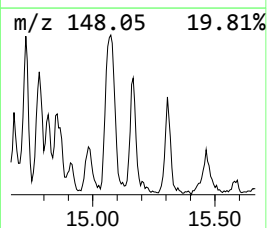
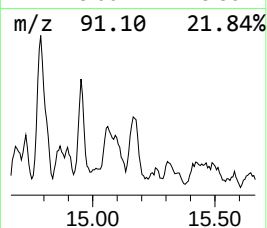
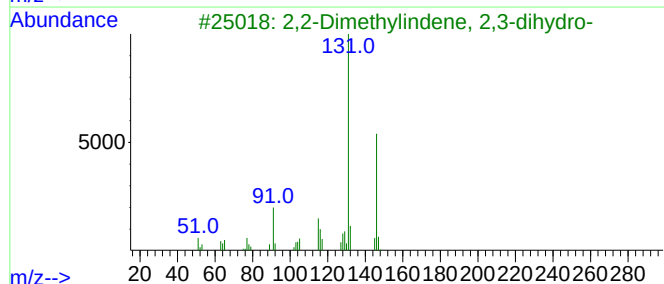
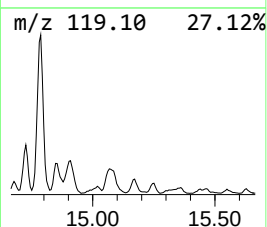
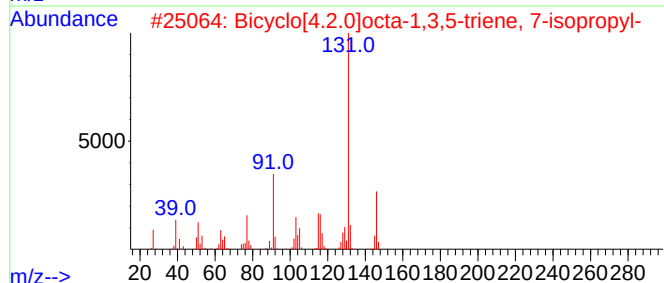
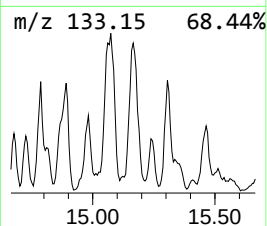
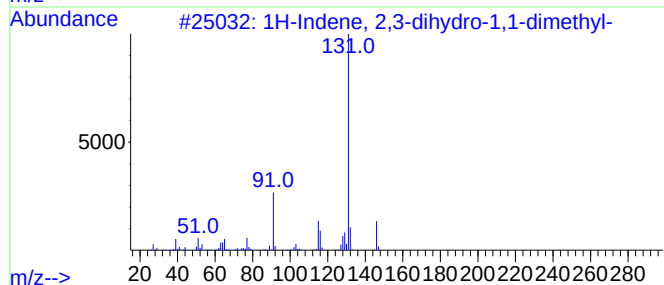
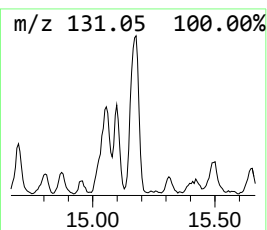
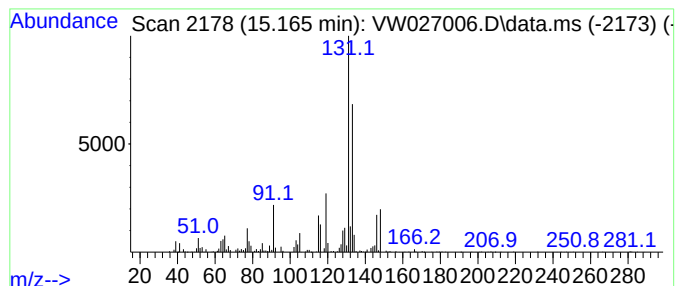
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Quant Title : SFAM01.0

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

Peak Number 35 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	12.97 ug/L	670763	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

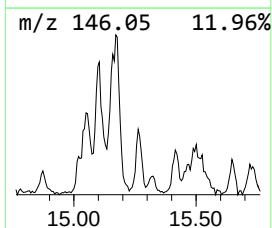
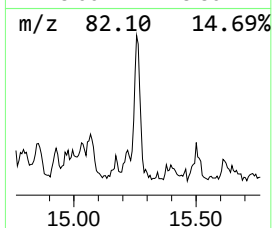
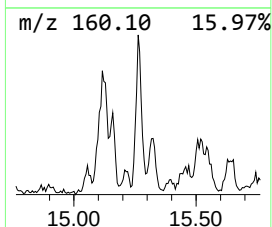
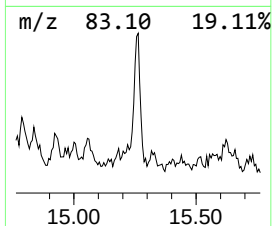
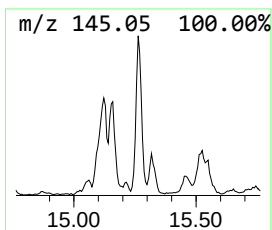
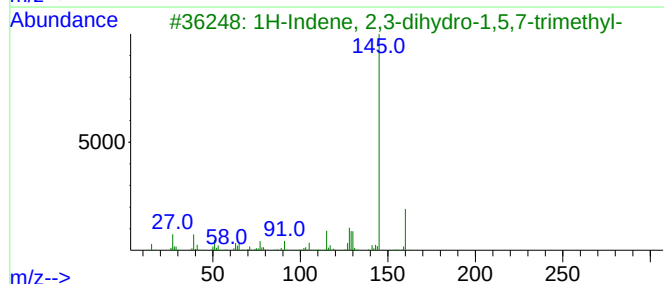
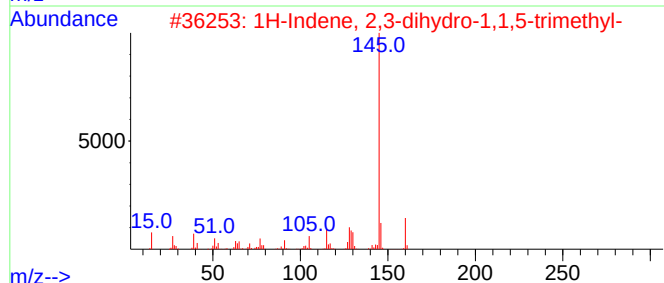
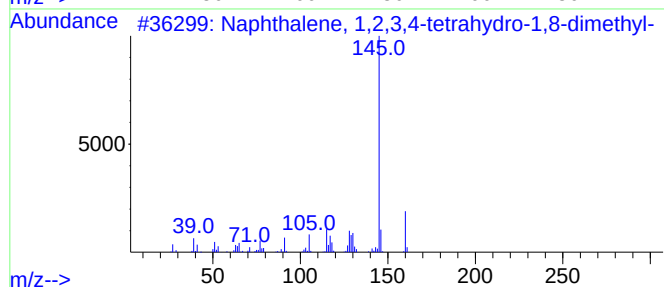
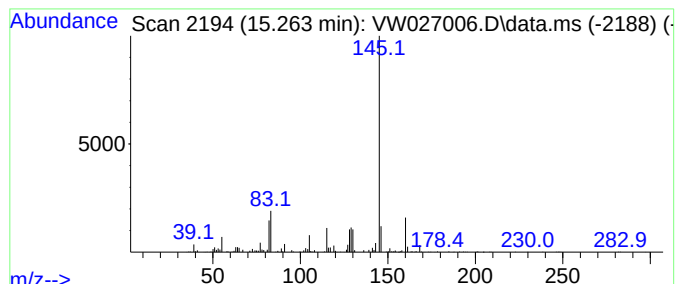
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Quant Title : SFAM01.0

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

Peak Number 36 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.263	5.37 ug/L	277870	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
2			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
3			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	81
4			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	81
5			1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

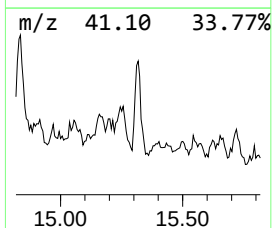
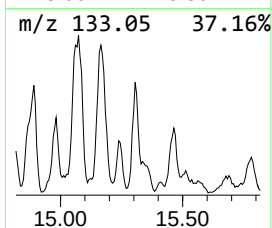
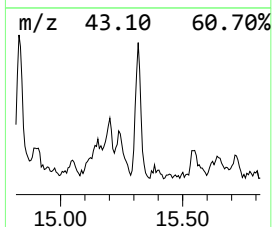
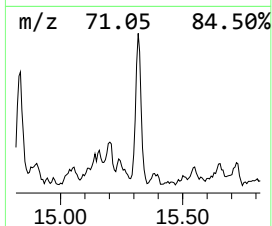
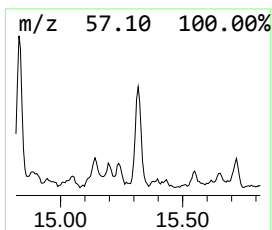
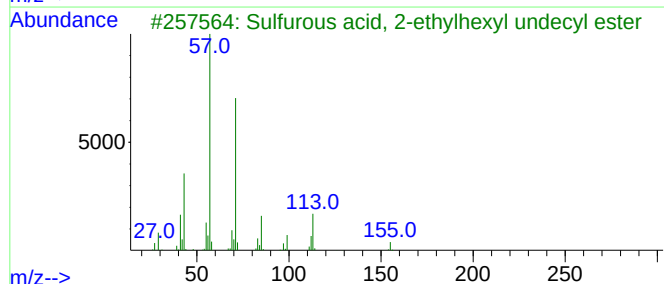
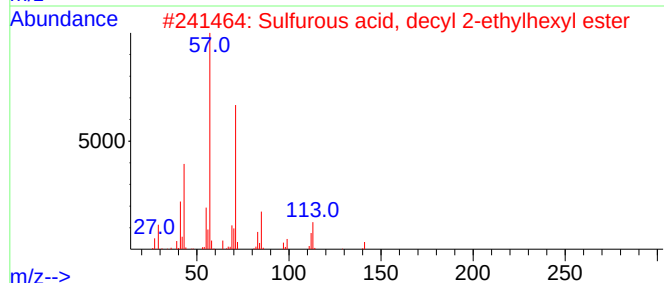
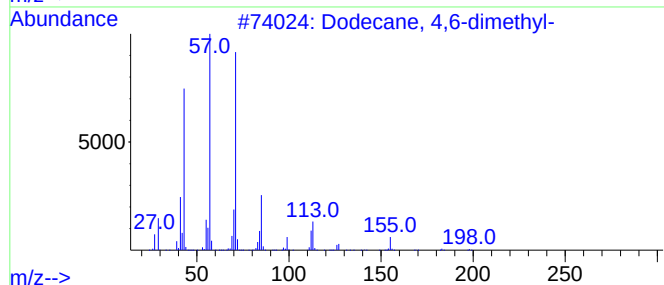
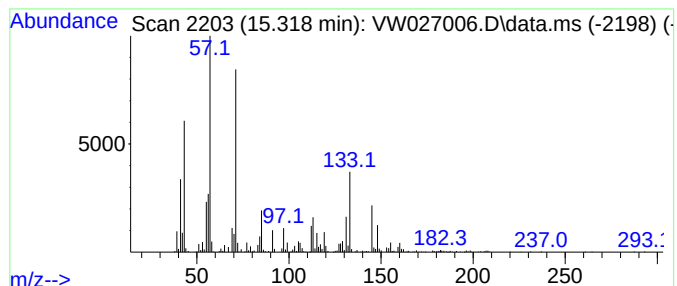
Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

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 37 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.318	5.83 ug/L	301381	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	47
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43
5	5-Ethyl-4-undecanone	198	C13H26O	1000374-08-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

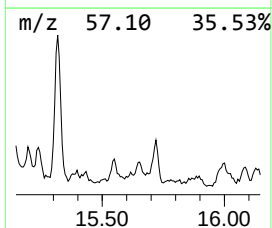
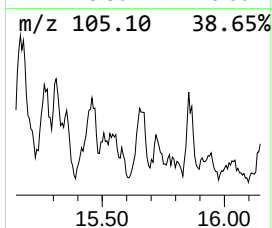
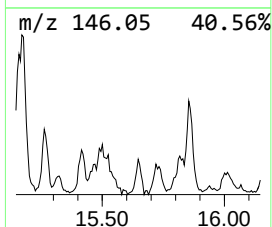
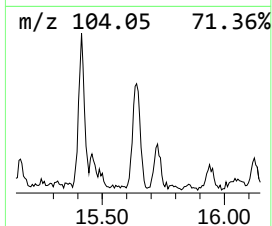
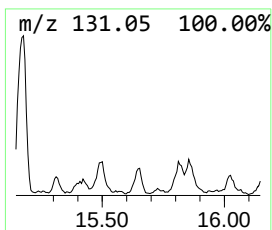
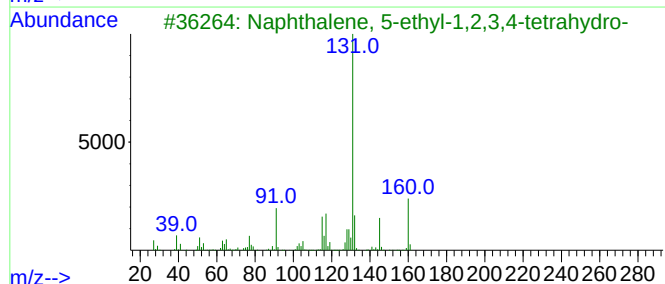
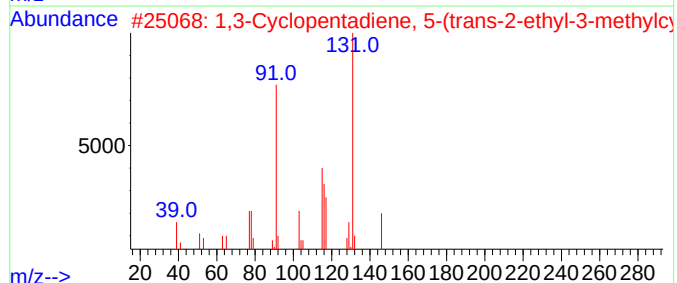
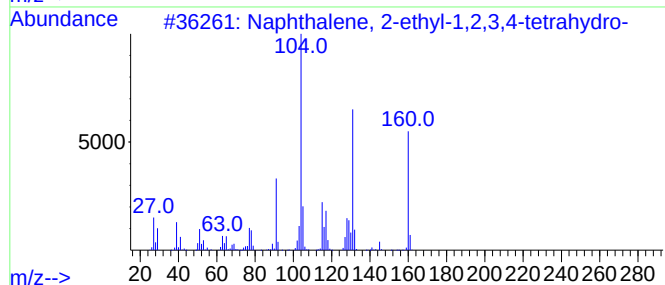
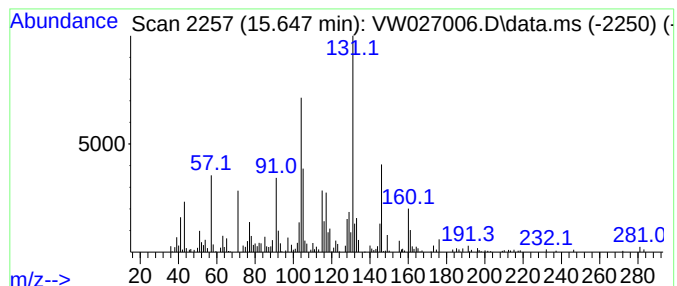
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Quant Title : SFAM01.0

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

Peak Number 38 Naphthalene, 2-ethyl-1,2,3,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	3.41 ug/L	176337	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	70
2			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	64
3			Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	60
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

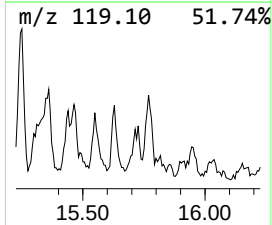
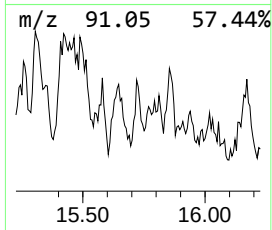
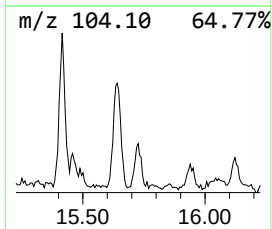
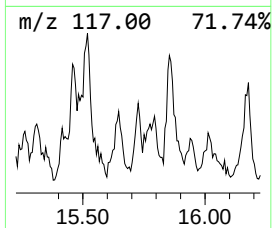
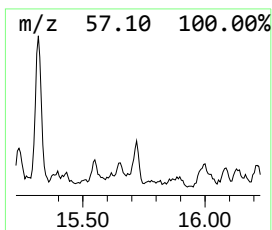
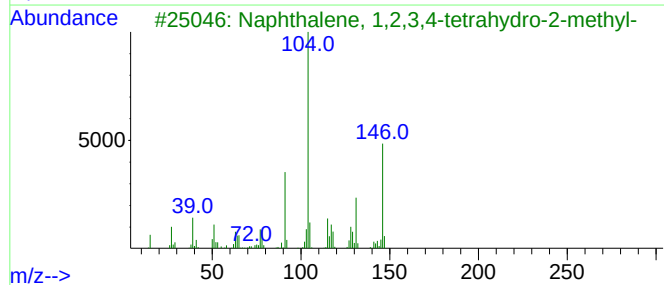
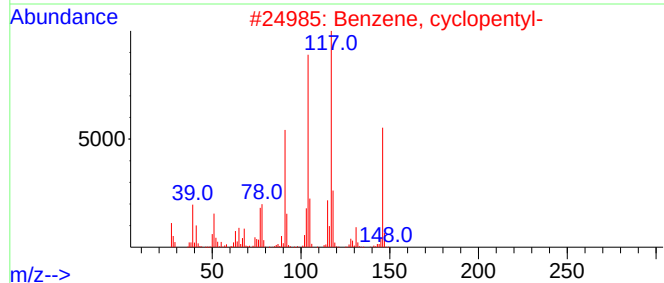
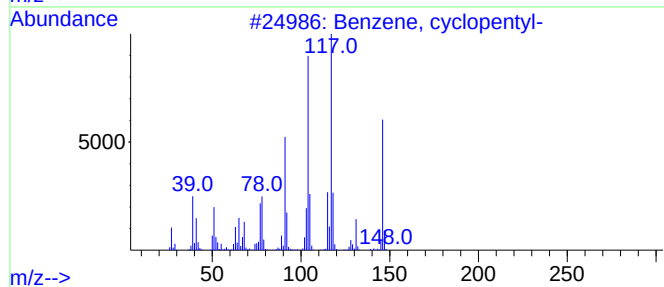
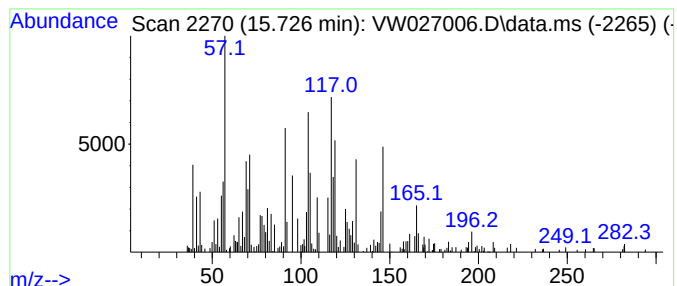
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, cyclopentyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	1.73 ug/L	89712	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopentyl-	146	C11H14	000700-88-9	86
2			Benzene, cyclopentyl-	146	C11H14	000700-88-9	41
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	41
4			Benzene, cyclopentyl-	146	C11H14	000700-88-9	38
5			1-Cyclopropyl-2-phenylethane	146	C11H14	037904-33-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

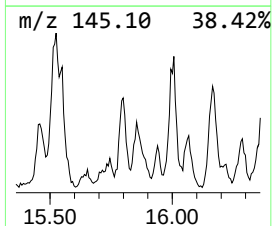
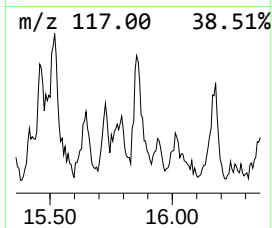
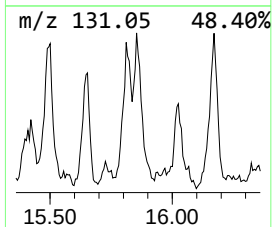
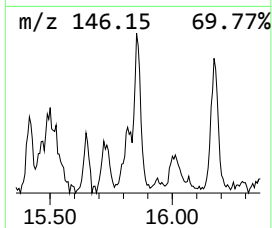
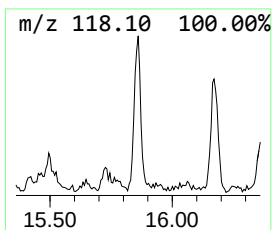
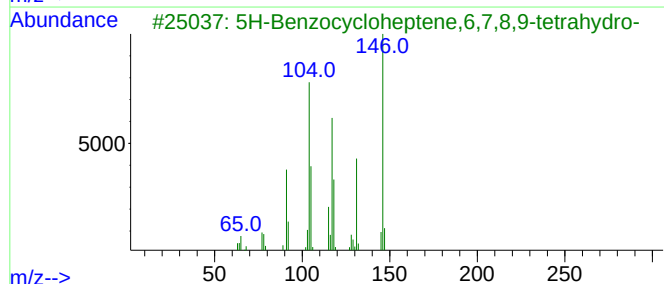
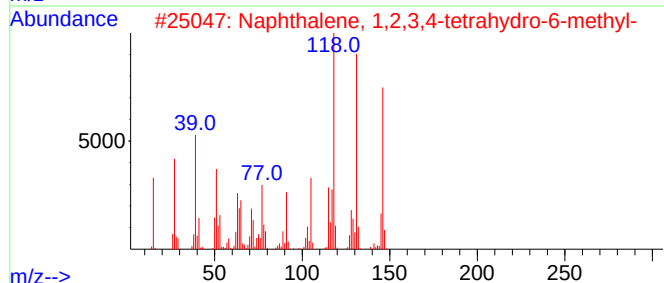
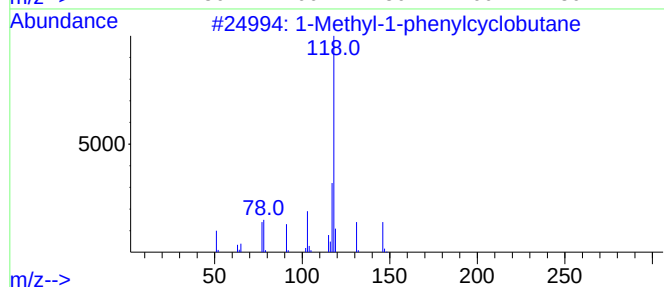
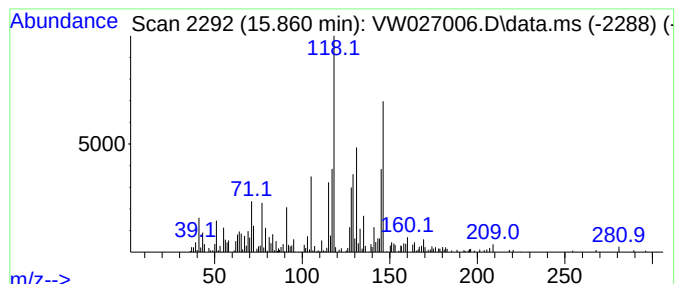
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-05 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	1.88 ug/L	97349	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	47
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
3			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	35
4			5-(Ethylsulfonyl)-1-phenyl-1H-te...	238	C9H10N4O2S	003206-46-0	35
5			Glutaric acid, di(3-phenylpropyl...	368	C23H28O4	1010360-14-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

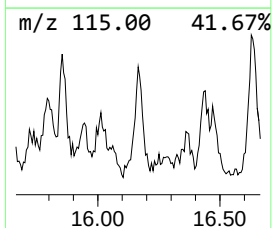
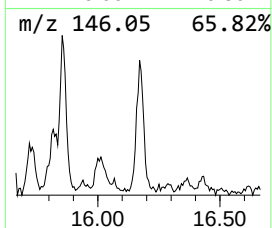
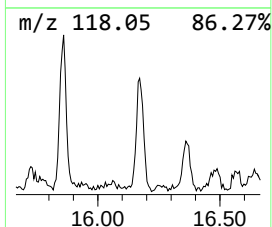
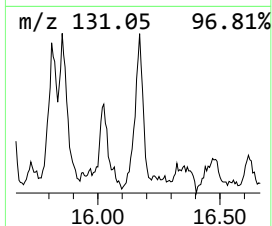
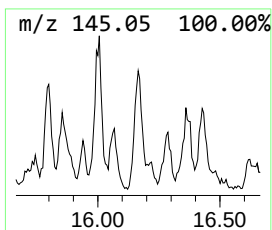
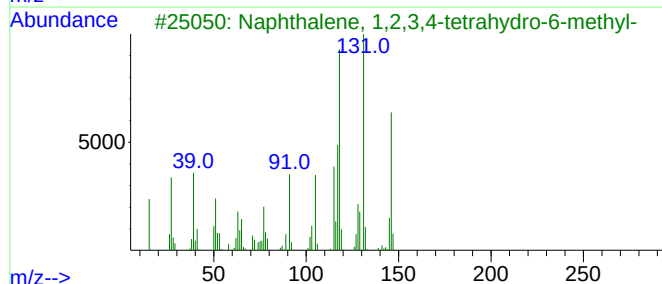
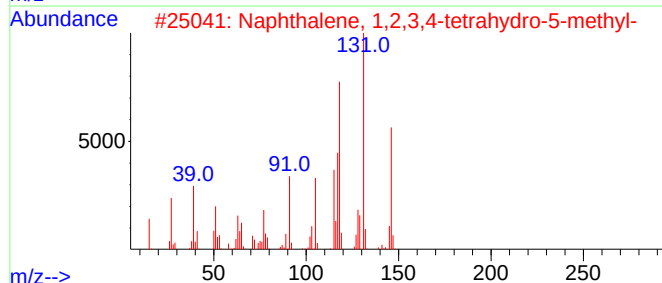
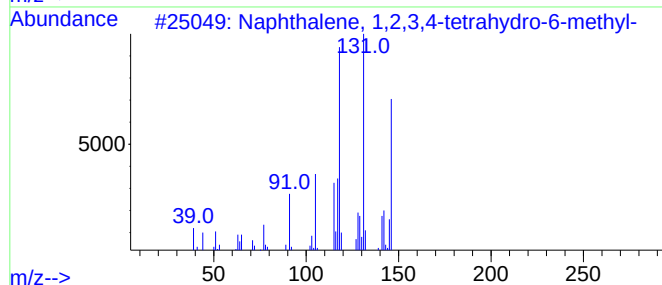
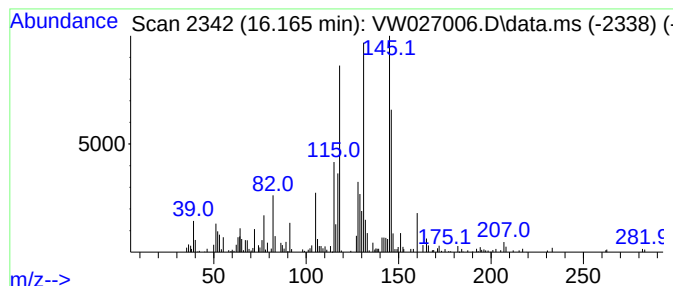
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Quant Title : SFAM01.0

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

Peak Number 41 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	1.85 ug/L	95464	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027006.D
Acq On : 07 Sep 2023 15:49
Operator : SY/MD
Sample : 04330-07RE
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYX8RE

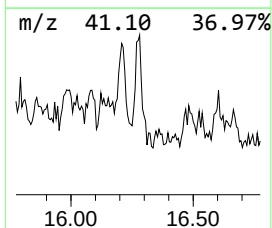
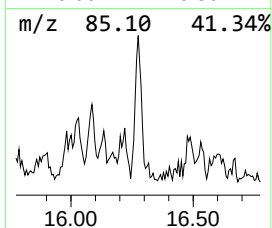
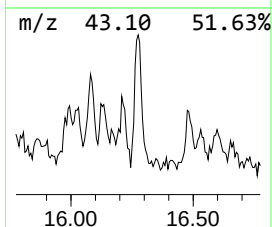
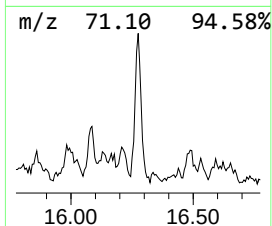
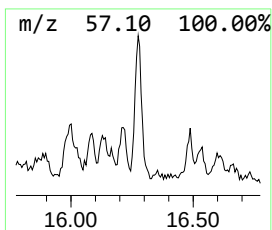
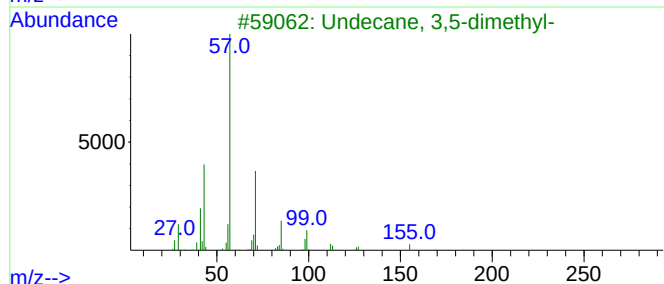
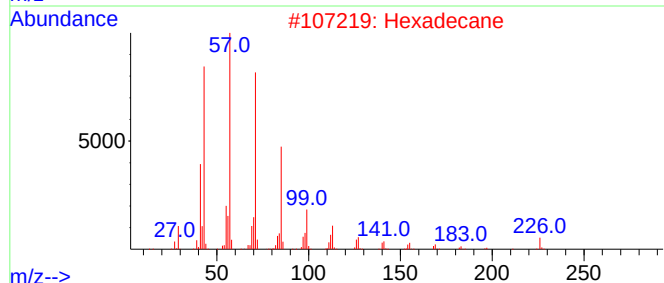
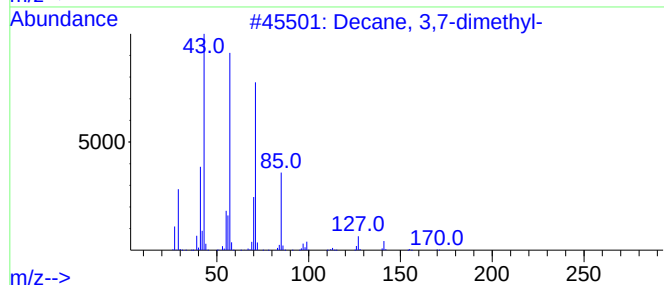
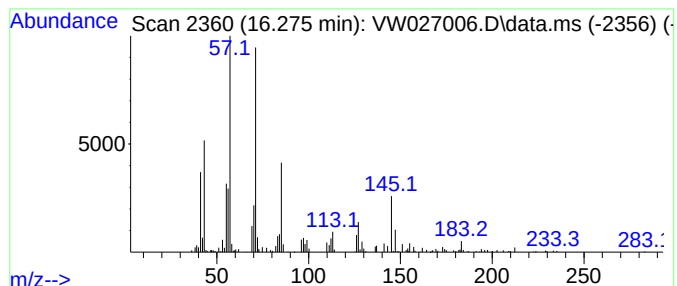
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	2.75 ug/L	142047	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
2			Hexadecane	226	C16H34	000544-76-3	64
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027006.D
 Acq On : 07 Sep 2023 15:49
 Operator : SY/MD
 Sample : 04330-07RE
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYX8RE

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...	1.954	1.4	ug/L	143225	1	8.843	2566690	25.0
(DEL) Alkane: C...	11.178	1.9	ug/L	178551	2	11.629	2385880	25.0
(DEL) Alkane: C...	11.227	1.8	ug/L	168060	2	11.629	2385880	25.0
(DEL) Alkane: S...	12.251	1.9	ug/L	185484	2	11.629	2385880	25.0
Cyclooctene, 3-...	12.342	2.8	ug/L	263409	2	11.629	2385880	25.0
(DEL) Alkane: S...	12.775	8.4	ug/L	432319	3	13.556	1293360	25.0
unknown-01	12.861	5.6	ug/L	288291	3	13.556	1293360	25.0
Benzene, 1-ethy...	13.105	8.1	ug/L	417927	3	13.556	1293360	25.0
(DEL) Alkane: S...	13.166	8.1	ug/L	418072	3	13.556	1293360	25.0
Oxirane, 2-meth...	13.379	5.5	ug/L	285430	3	13.556	1293360	25.0
o-Cymene	13.440	14.8	ug/L	766518	3	13.556	1293360	25.0
(DEL) Alkane: C...	13.696	1.7	ug/L	87890	3	13.556	1293360	25.0
Benzene, 1-meth...	13.745	2.4	ug/L	121585	3	13.556	1293360	25.0
Benzene, 2-ethy...	13.787	2.1	ug/L	109416	3	13.556	1293360	25.0
Benzene, 1-meth...	13.946	3.2	ug/L	163879	3	13.556	1293360	25.0
Benzene, 1-ethy...	14.007	7.6	ug/L	393782	3	13.556	1293360	25.0
1,3-Cyclopentad...	14.037	7.0	ug/L	361865	3	13.556	1293360	25.0
unknown-02	14.092	6.4	ug/L	329693	3	13.556	1293360	25.0
Benzene, 1,2,3,...	14.196	21.4	ug/L	1107550	3	13.556	1293360	25.0
3,4-Dimethylcumene	14.251	9.2	ug/L	474773	3	13.556	1293360	25.0
1H-Indene, 2,3-...	14.336	11.7	ug/L	606031	3	13.556	1293360	25.0
(DEL) Alkane: C...	14.385	6.6	ug/L	343705	3	13.556	1293360	25.0
5H-5-Methyl-6,7...	14.415	2.1	ug/L	108602	3	13.556	1293360	25.0
Benzene, 1,2,4,...	14.452	10.9	ug/L	565983	3	13.556	1293360	25.0
Benzene, 1,4-di...	14.495	3.7	ug/L	193469	3	13.556	1293360	25.0
Naphthalene, de...	14.543	5.4	ug/L	277401	3	13.556	1293360	25.0
1H-Indene, 2,3-...	14.635	3.0	ug/L	152423	3	13.556	1293360	25.0
unknown-03	14.684	2.8	ug/L	146226	3	13.556	1293360	25.0
Benzene, 1-meth...	14.726	4.2	ug/L	217660	3	13.556	1293360	25.0
p-Cymene	14.787	24.7	ug/L	1277850	3	13.556	1293360	25.0
Naphthalene, 1,...	14.952	3.4	ug/L	177313	3	13.556	1293360	25.0
unknown-04	15.055	5.8	ug/L	298453	3	13.556	1293360	25.0
Bicyclo[4.2.0]o...	15.165	13.0	ug/L	670763	3	13.556	1293360	25.0
Naphthalene, 1,...	15.263	5.4	ug/L	277870	3	13.556	1293360	25.0
(DEL) Alkane: S...	15.318	5.8	ug/L	301381	3	13.556	1293360	25.0
Naphthalene, 2-...	15.647	3.4	ug/L	176337	3	13.556	1293360	25.0
Benzene, cyclop...	15.726	1.7	ug/L	89712	3	13.556	1293360	25.0
unknown-05	15.860	1.9	ug/L	97349	3	13.556	1293360	25.0
Naphthalene, 1,...	16.165	1.9	ug/L	95464	3	13.556	1293360	25.0
(DEL) Alkane: S...	16.275	2.8	ug/L	142047	3	13.556	1293360	25.0