

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024379.D
 Acq On : 27 Aug 2022 04:56
 Operator : SY/VA
 Sample : N4345-03
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVS3

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\SFAMWLM082622SMA.M
 Title : SFAM01.0

Signal : TIC: VW024379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.026	16	20	21	rBV4	1667	2411	0.00%	0.000%
2	2.062	25	26	30	rBV4	1825	2284	0.00%	0.000%
3	2.288	45	63	64	rBV	115590	561926	0.11%	0.105%
4	2.343	68	72	79	rVV	120436	266028	0.05%	0.050%
5	3.495	259	261	266	rVV5	1412	1701	0.00%	0.000%
6	3.538	266	268	271	rVB4	2418	2531	0.00%	0.000%
7	3.708	293	296	299	rBV5	1261	1981	0.00%	0.000%
8	3.855	318	320	325	rVB6	1649	1970	0.00%	0.000%
9	4.007	336	345	357	rVV2	60198	182121	0.04%	0.034%
10	4.153	367	369	371	rVB3	2374	2215	0.00%	0.000%
11	4.507	423	427	429	rVV4	1901	1965	0.00%	0.000%
12	4.684	453	456	457	rVB3	2154	1837	0.00%	0.000%
13	4.708	457	460	463	rBV5	1661	2287	0.00%	0.000%
14	4.915	482	494	504	rBV3	16027	58526	0.01%	0.011%
15	5.117	518	527	528	rBV3	5086	11518	0.00%	0.002%
16	5.348	561	565	567	rBV5	2028	2777	0.00%	0.001%
17	5.537	592	596	598	rBV5	1578	1820	0.00%	0.000%
18	5.934	655	661	663	rBV7	3927	7559	0.00%	0.001%
19	6.129	689	693	694	rBV4	1628	2075	0.00%	0.000%
20	6.159	694	698	699	rVB4	2367	3154	0.00%	0.001%
21	6.177	699	701	704	rBV4	1525	1868	0.00%	0.000%
22	6.427	736	742	746	rBV9	1517	2690	0.00%	0.001%
23	6.750	793	795	797	rBV3	1681	1799	0.00%	0.000%
24	6.891	815	818	819	rBV3	2056	2189	0.00%	0.000%
25	7.019	835	839	840	rBV4	1748	1822	0.00%	0.000%
26	7.086	840	850	854	rBV	20233	51746	0.01%	0.010%
27	7.159	855	862	871	rVB3	26445	81385	0.02%	0.015%
28	7.415	900	904	906	rVB5	2294	3323	0.00%	0.001%
29	7.452	906	910	913	rBV6	2470	3722	0.00%	0.001%
30	7.647	932	942	954	rVB	87558	226261	0.04%	0.042%
31	8.165	1024	1027	1031	rVB6	2397	2685	0.00%	0.001%
32	8.275	1036	1045	1059	rBV2	177657	560145	0.11%	0.105%
33	8.512	1083	1084	1087	rVB3	2364	1884	0.00%	0.000%
34	8.683	1106	1112	1114	rBV7	2050	3901	0.00%	0.001%
35	8.842	1130	1138	1150	rVV	211744	415798	0.08%	0.078%
36	8.927	1150	1152	1155	rBV4	1686	1844	0.00%	0.000%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Title : SFAM01.0

37	8.963	1155	1158	1159	rBV3	2268	2080	0.00%	0.000%
38	9.091	1168	1179	1187	rBV2	131357	282303	0.05%	0.053%
39	9.274	1200	1209	1217	rBV	119904	258705	0.05%	0.048%
40	9.494	1241	1245	1247	rBV5	1572	1980	0.00%	0.000%
41	9.774	1283	1291	1294	rBV10	2295	6510	0.00%	0.001%
42	9.854	1300	1304	1305	rBV4	1591	2078	0.00%	0.000%
43	9.908	1311	1313	1316	rVB4	2682	3199	0.00%	0.001%
44	9.963	1317	1322	1323	rBV5	7285	9697	0.00%	0.002%
45	10.036	1328	1334	1340	rVV	57574	109577	0.02%	0.021%
46	10.110	1341	1346	1354	rVB10	9156	23390	0.00%	0.004%
47	10.329	1374	1382	1387	rBV2	220278	457333	0.09%	0.086%
48	10.390	1387	1392	1401	rVB	214623	466113	0.09%	0.087%
49	10.506	1407	1411	1414	rBV6	14730	24473	0.00%	0.005%
50	10.585	1420	1424	1433	rVB	38673	73217	0.01%	0.014%
51	10.683	1433	1440	1442	rBV6	9943	21910	0.00%	0.004%
52	10.762	1449	1453	1458	rBV4	10863	19605	0.00%	0.004%
53	10.872	1461	1471	1483	rBV7	101493355	518533193	100.00%	97.030%
54	11.420	1556	1561	1572	rVB2	132304	310168	0.06%	0.058%
55	11.518	1572	1577	1583	rBV	125391	204397	0.04%	0.038%
56	11.640	1591	1597	1604	rBV	247610	422469	0.08%	0.079%
57	11.737	1608	1613	1617	rBV	111076	180616	0.03%	0.034%
58	11.841	1622	1630	1634	rBV	315461	573911	0.11%	0.107%
59	12.060	1660	1666	1671	rVB3	49935	94892	0.02%	0.018%
60	12.140	1672	1679	1682	rBV3	174103	357721	0.07%	0.067%
61	12.249	1694	1697	1702	rVB	141158	202484	0.04%	0.038%
62	12.347	1702	1713	1714	rBV6	133068	353124	0.07%	0.066%
63	12.463	1727	1732	1737	rBV	948229	1507020	0.29%	0.282%
64	12.542	1742	1745	1747	rVV	71602	88510	0.02%	0.017%
65	12.621	1754	1758	1759	rBV3	30921	44924	0.01%	0.008%
66	12.646	1759	1762	1766	rVV	152315	214994	0.04%	0.040%
67	12.695	1766	1770	1775	rVB	148198	231475	0.04%	0.043%
68	12.798	1780	1787	1792	rVB2	160501	395029	0.08%	0.074%
69	12.865	1792	1798	1801	rBV2	236353	399339	0.08%	0.075%
70	12.932	1801	1809	1815	rVV2	729319	1677640	0.32%	0.314%
71	12.993	1816	1819	1824	rVB3	86612	120881	0.02%	0.023%
72	13.109	1829	1838	1843	rBV5	159464	460547	0.09%	0.086%
73	13.164	1844	1847	1850	rVV2	81529	96874	0.02%	0.018%
74	13.249	1857	1861	1865	rVB	270774	374683	0.07%	0.070%
75	13.444	1887	1893	1897	rBV3	183066	358121	0.07%	0.067%
76	13.487	1897	1900	1903	rVV3	93769	148008	0.03%	0.028%

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 Title : SFAM01.0

77	13.554	1906	1911	1919	rVV2	471343	916079	0.18%	0.171%
78	13.621	1919	1922	1929	rVB4	58232	87378	0.02%	0.016%
79	13.749	1939	1943	1946	rVB	95188	119952	0.02%	0.022%
80	13.786	1946	1949	1954	rVV2	96145	155046	0.03%	0.029%
81	13.859	1955	1961	1968	rVB3	309506	773408	0.15%	0.145%
82	13.944	1972	1975	1982	rVB	58884	84131	0.02%	0.016%
83	14.005	1982	1985	1988	rBV2	32432	53880	0.01%	0.010%
84	14.091	1995	1999	2008	rVB2	98205	167123	0.03%	0.031%
85	14.194	2012	2016	2022	rVB4	74961	125256	0.02%	0.023%
86	14.261	2022	2027	2034	rVB7	17725	48703	0.01%	0.009%
87	14.328	2034	2038	2043	rBV6	28225	50774	0.01%	0.010%
88	14.383	2044	2047	2050	rBV3	19685	26494	0.01%	0.005%
89	14.493	2062	2065	2068	rBV3	18466	22299	0.00%	0.004%
90	14.719	2093	2102	2108	rBV7	19493	50409	0.01%	0.009%
91	14.786	2108	2113	2121	rBV4	24417	55670	0.01%	0.010%
92	15.231	2182	2186	2190	rVB7	5774	9454	0.00%	0.002%
93	15.316	2196	2200	2203	rBV6	4190	7902	0.00%	0.001%
94	15.359	2204	2207	2212	rVB2	11127	17624	0.00%	0.003%
95	15.548	2234	2238	2243	rVB7	6247	9222	0.00%	0.002%
96	15.603	2245	2247	2249	rBV3	2406	2492	0.00%	0.000%
97	15.712	2262	2265	2266	rBV3	2257	1902	0.00%	0.000%
98	16.432	2380	2383	2387	rBV6	4329	6417	0.00%	0.001%
99	16.633	2408	2416	2423	rBV6	6396	18606	0.00%	0.003%
100	16.761	2433	2437	2439	rBV5	1297	2119	0.00%	0.000%

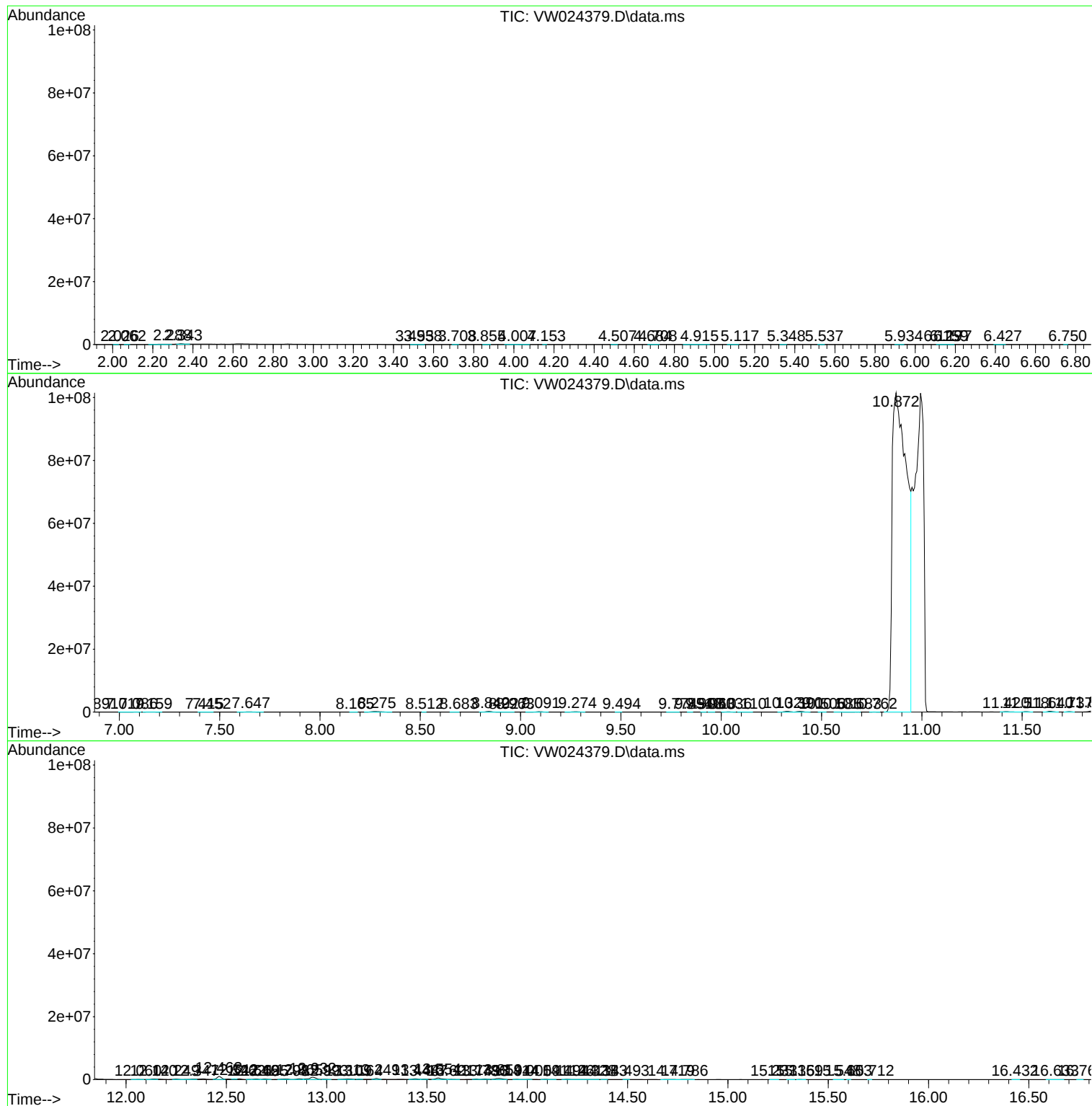
Sum of corrected areas: 534407278

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DBVS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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



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ALS Vial : 1 Sample Multiplier: 1

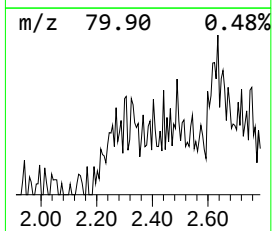
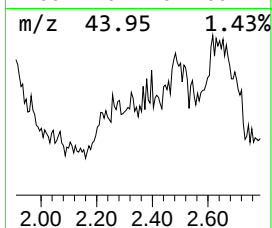
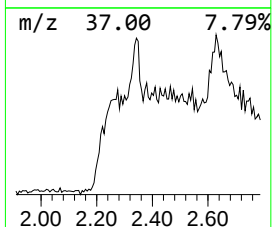
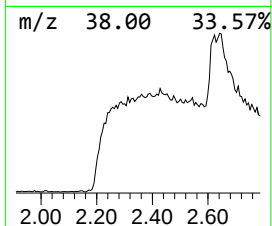
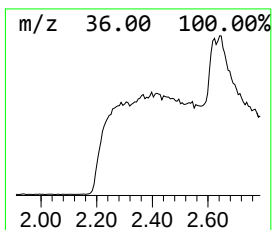
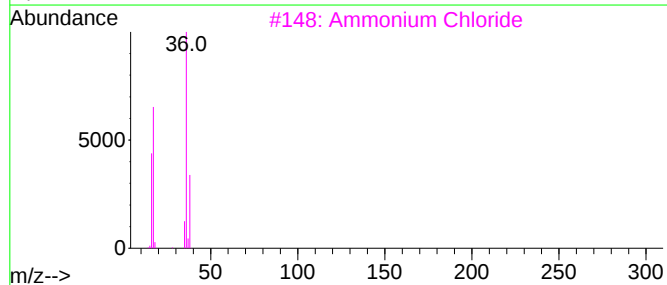
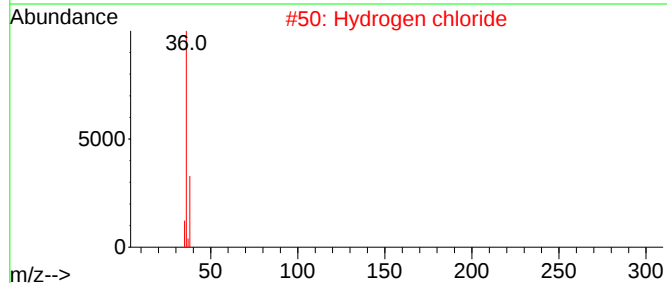
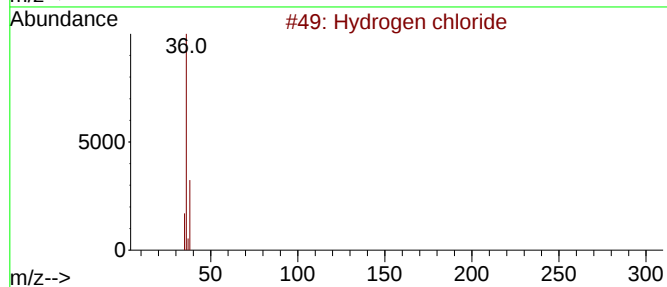
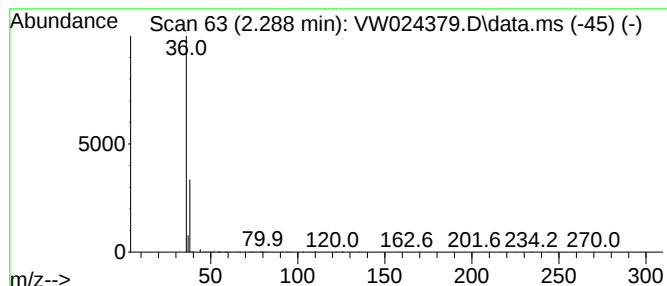
Instrument :
MSVOA_W
ClientSampleId :
DBVS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.288	33.79 ug/L	561926	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen chloride	36	ClH	007647-01-0	9
2	Hydrogen chloride	36	ClH	007647-01-0	9
3	Ammonium Chloride	53	ClH4N	012125-02-9	4
4	Methanol-D4	36	CD4O	000811-98-3	2
5	1H-Imidazole-1-ethanol, .alpha.-...	126	C6H10N2O	037788-55-9	2



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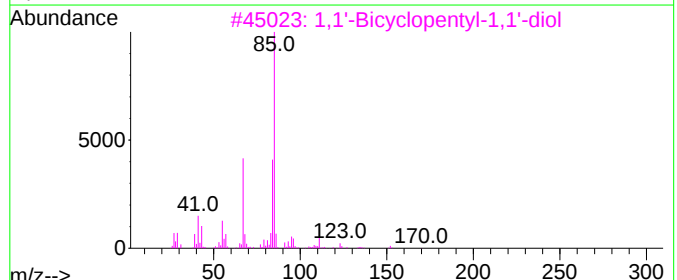
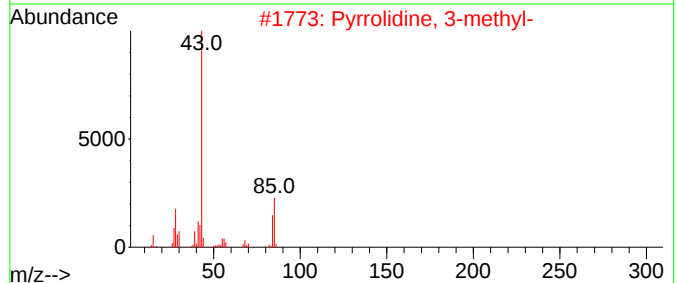
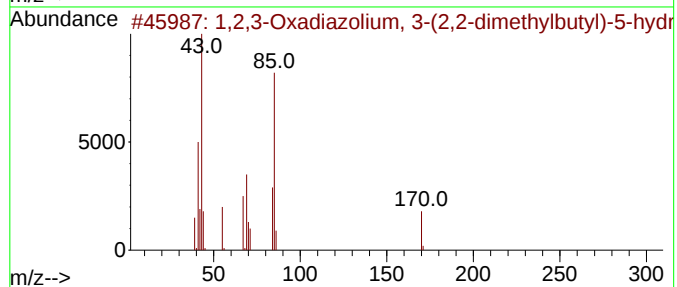
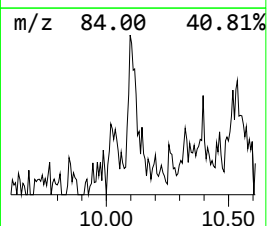
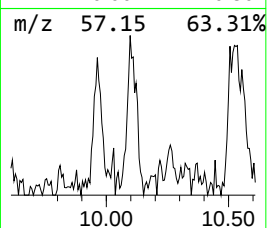
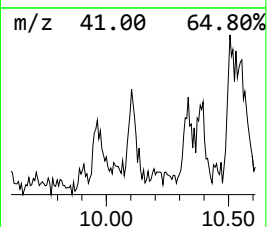
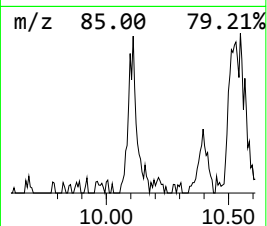
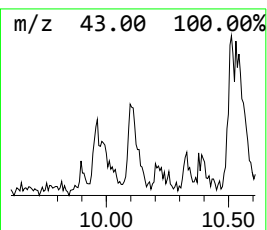
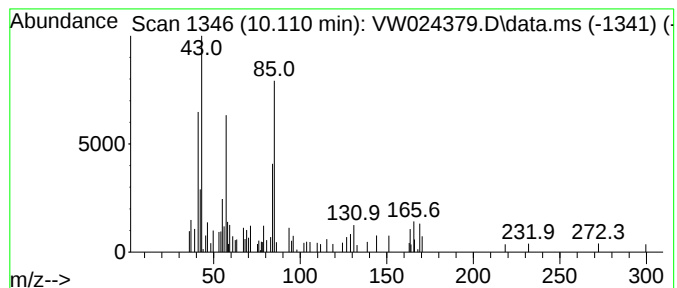
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1,2,3-Oxadiazolium, 3-(2,2-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	1.41 ug/L	23390	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Oxadiazolium, 3-(2,2-dimet...	170	C8H14N2O2	054460-94-5	53		
2	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	43		
3	1,1'-Bicyclopentyl-1,1'-diol	170	C10H18O2	005181-75-9	43		
4	2H-Pyran, tetrahydro-2-(9-iodo-...	350	C14H23IO2	098442-66-1	38		
5	Methyl 12-(tetrahydro-2-pyranylo...	310	C18H30O4	1000098-69-8	38		



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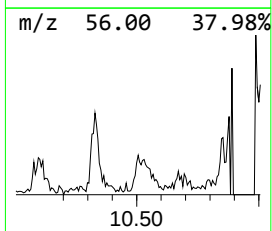
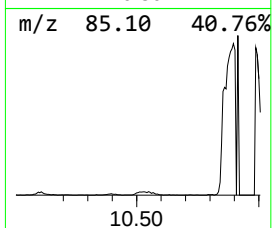
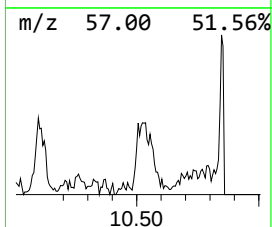
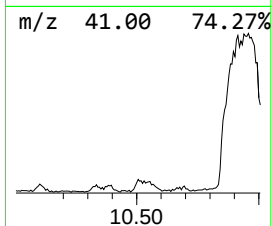
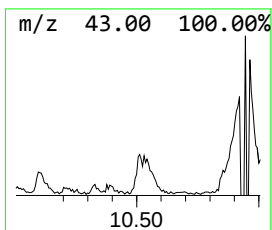
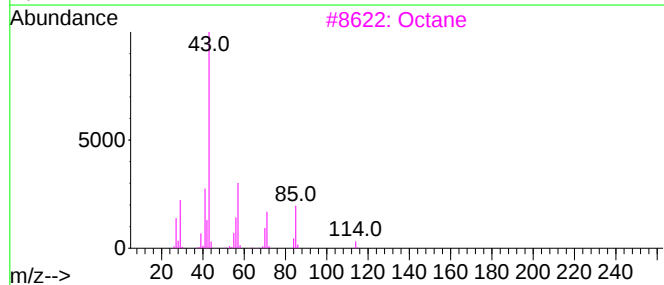
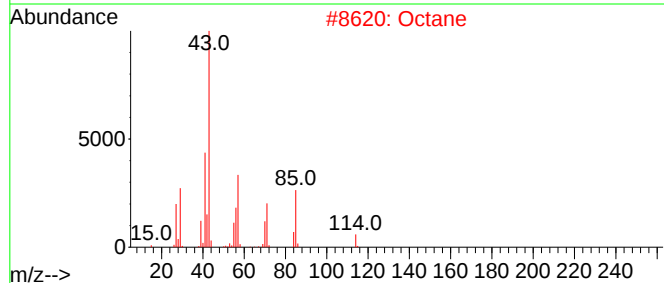
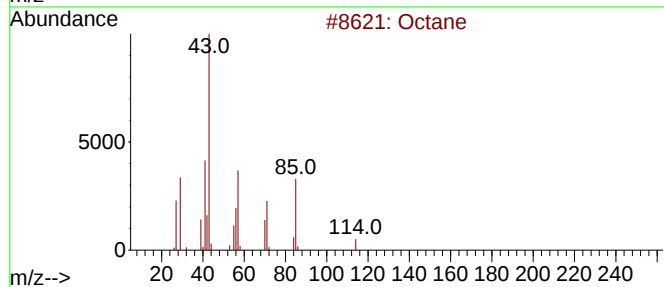
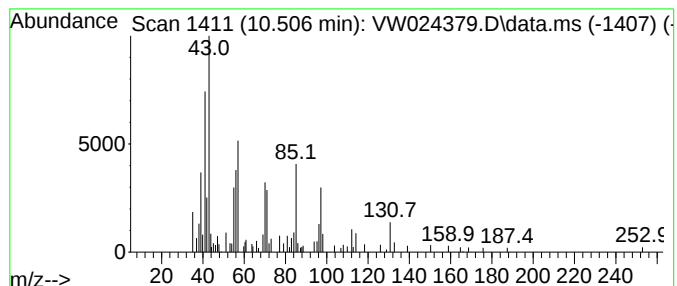
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.506	1.45 ug/L	24473	Chlorobenzene-d5		11.640	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	43
2	Octane		114	C8H18	000111-65-9	43
3	Octane		114	C8H18	000111-65-9	38
4	1-Dotriacontanol, acetate		509	C34H68O2	023811-94-1	38
5	Octane		114	C8H18	000111-65-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

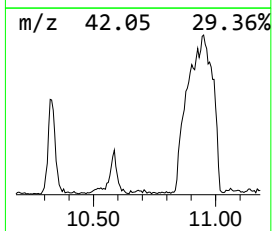
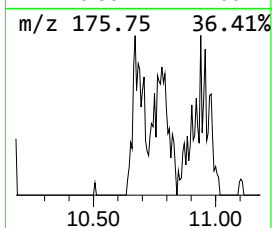
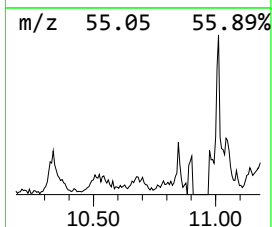
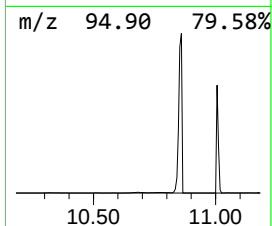
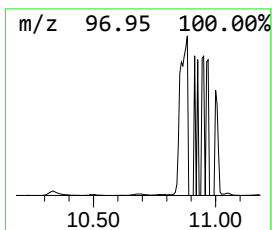
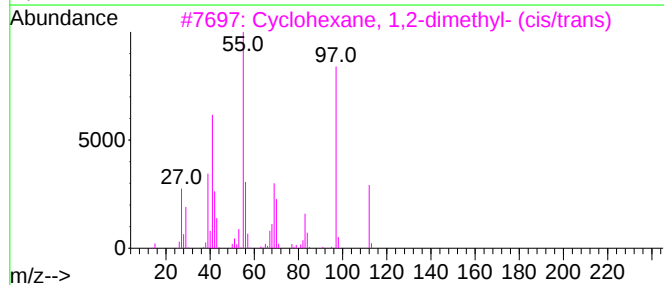
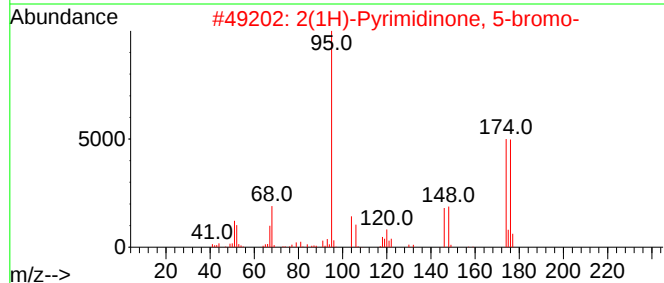
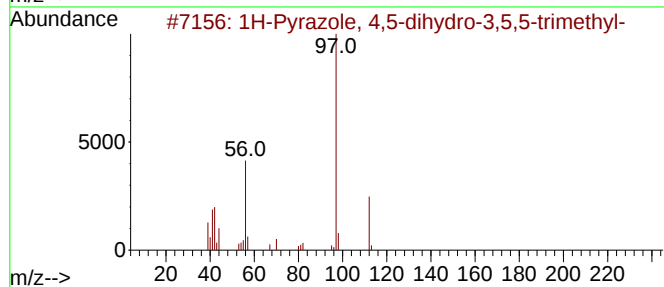
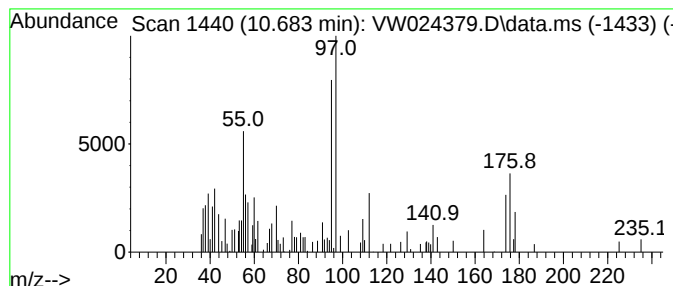
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Quant Title : SFAM01.0

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

Peak Number 5 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	1.30 ug/L	21910	Chlorobenzene-d5	11.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	27
2			2(1H)-Pyrimidinone, 5-bromo-	174	C4H3BrN2O	038353-06-9	18
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	15
4			1-(2-Furyl)-3-buten-1-ol	138	C8H10O2	1000311-94-9	14
5			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

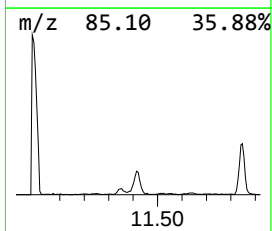
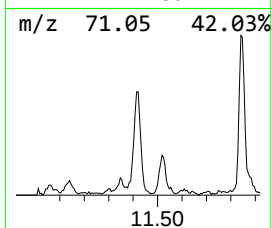
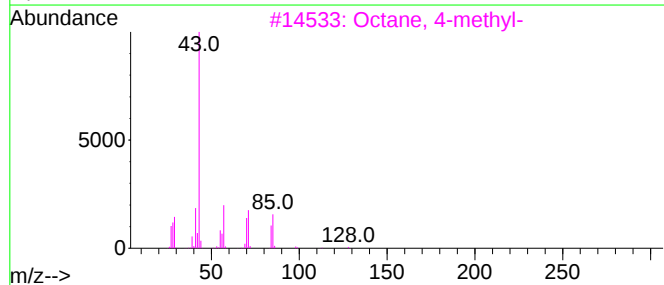
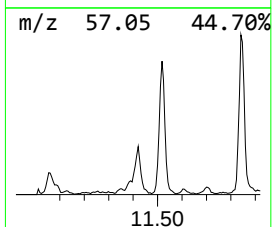
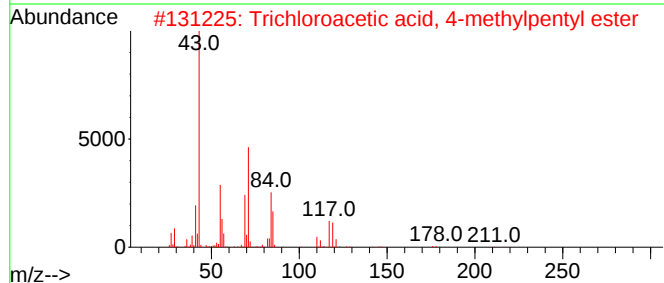
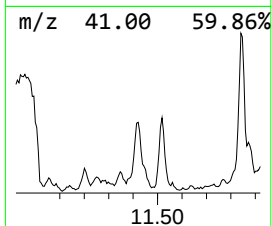
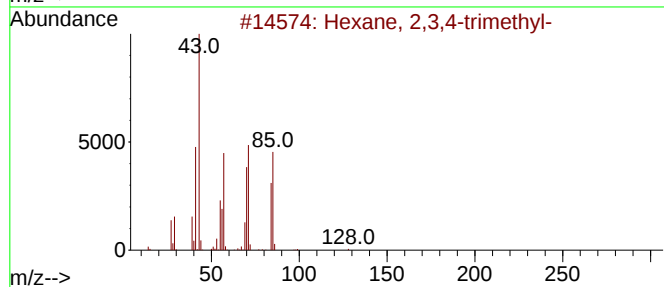
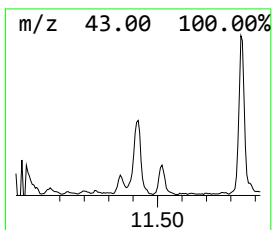
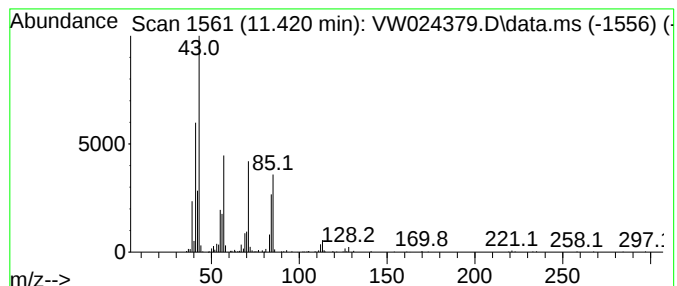
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MSVOA_W
ClientSampleId :
DBVS3

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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.420	18.35 ug/L	310168	Chlorobenzene-d5	11.640	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	53
3	Octane, 4-methyl-	128	C9H20	002216-34-4	52
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Octane, 2-methyl-	128	C9H20	003221-61-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

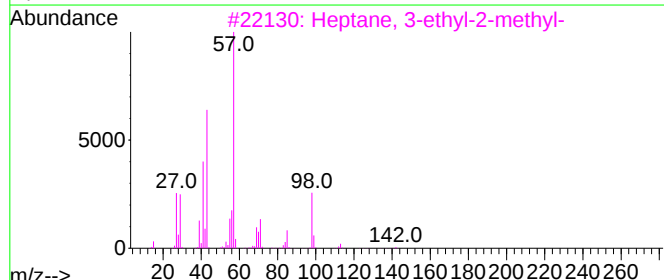
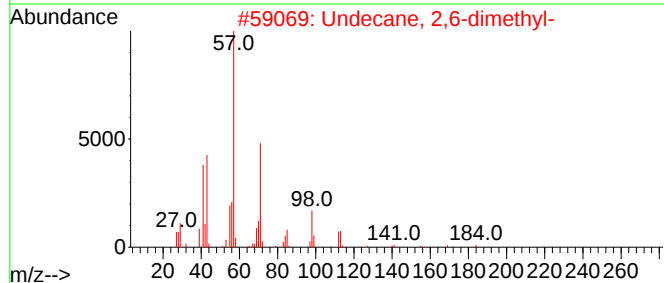
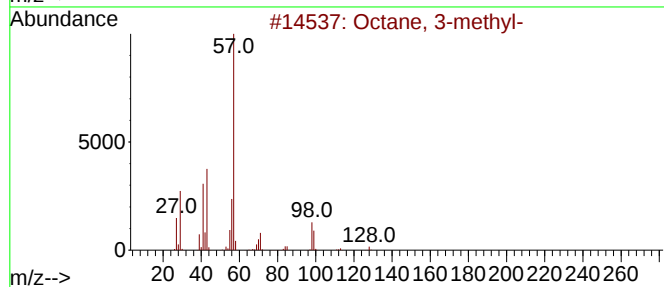
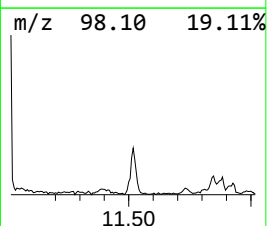
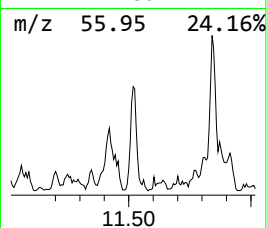
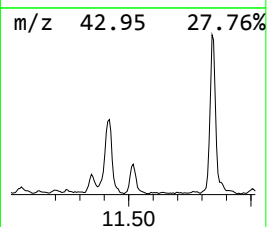
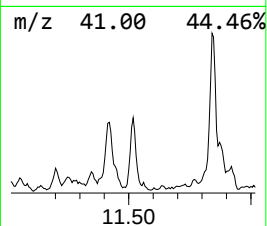
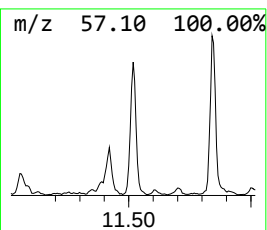
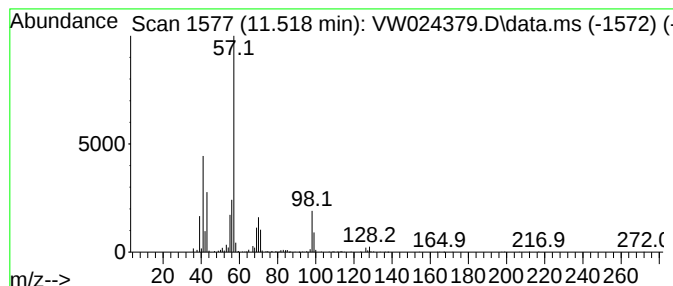
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.518	12.10 ug/L	204397	Chlorobenzene-d5	11.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	80
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4		Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53
5		Octane, 3-methyl-	128	C9H20	002216-33-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

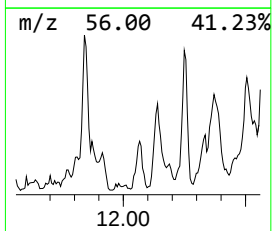
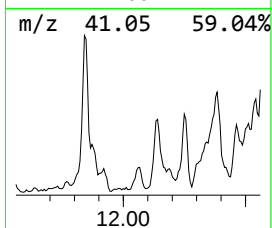
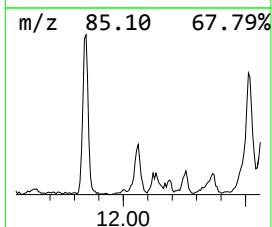
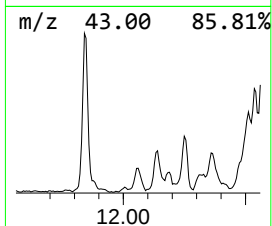
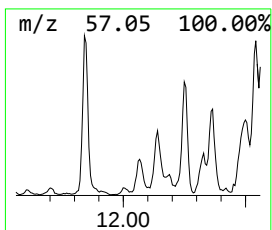
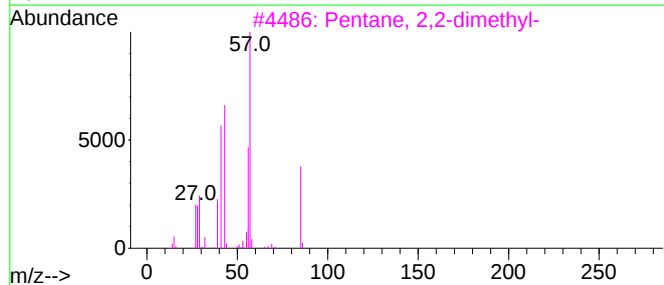
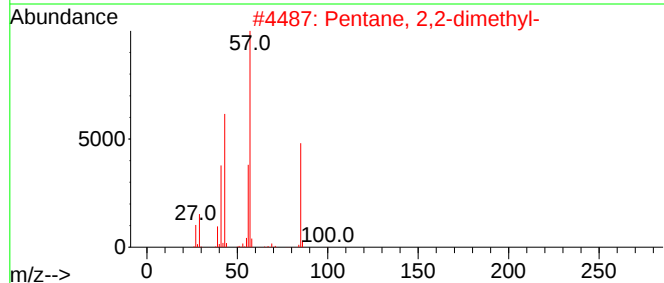
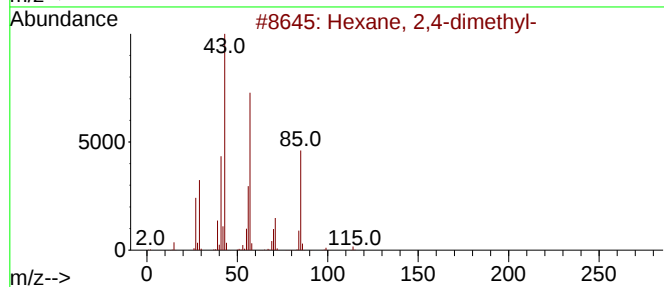
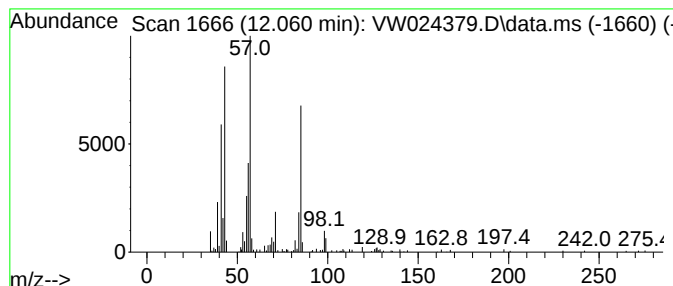
Instrument :
MSVOA_W
ClientSampleId :
DBVS3

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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 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.060	5.62 ug/L	94892	Chlorobenzene-d5			11.640
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	64
2	Pentane, 2,2-dimethyl-		100	C7H16	000590-35-2	53
3	Pentane, 2,2-dimethyl-		100	C7H16	000590-35-2	50
4	Sulfurous acid, butyl hexyl ester		222	C10H22O3S	1000309-17-3	47
5	Decane, 5-methyl-		156	C11H24	013151-35-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

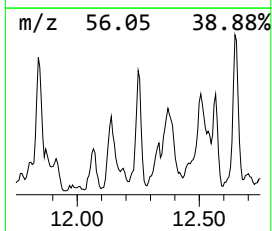
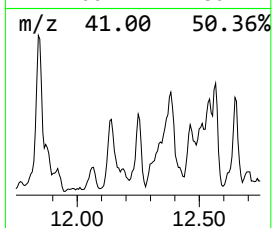
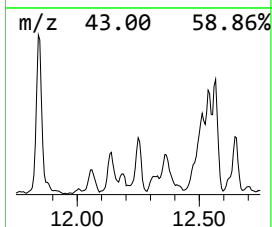
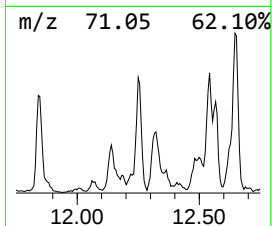
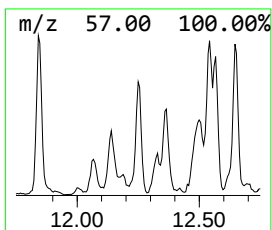
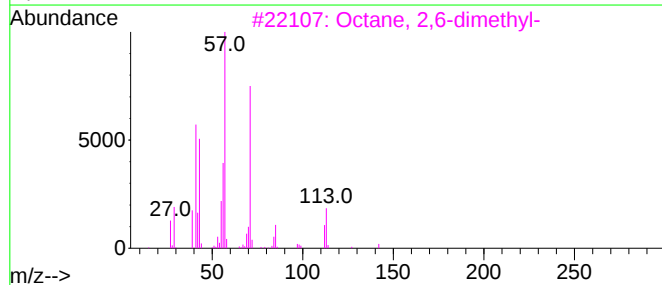
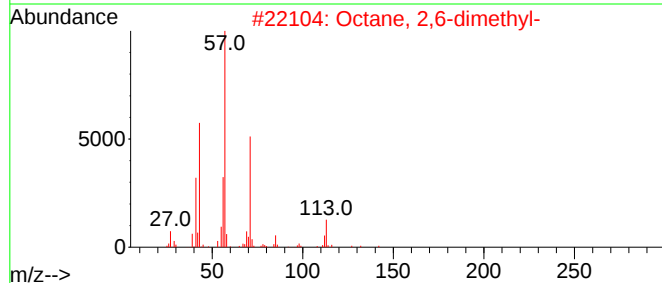
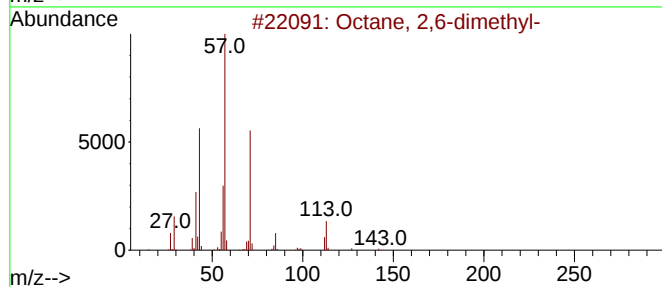
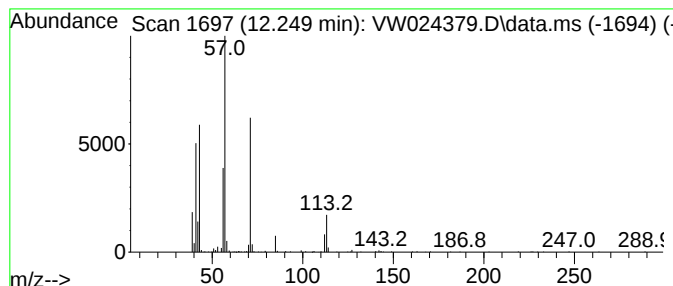
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.249	11.98 ug/L	202484	Chlorobenzene-d5	11.640	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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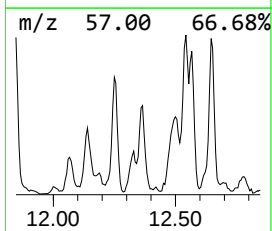
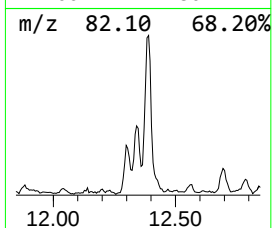
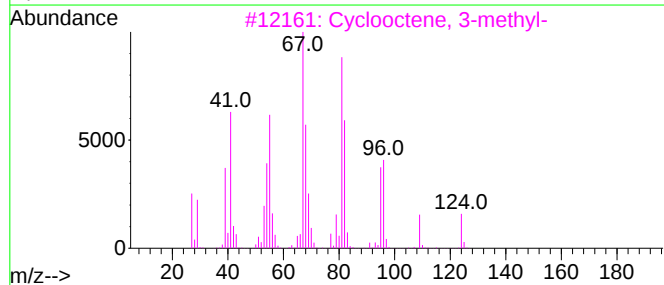
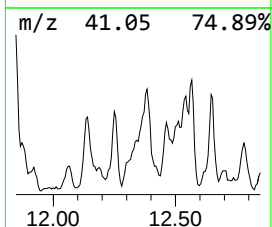
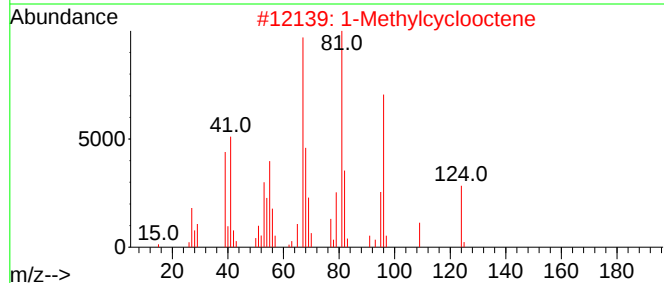
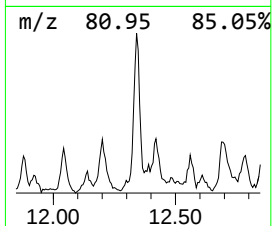
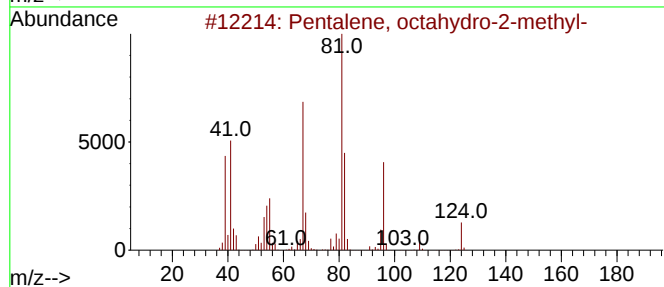
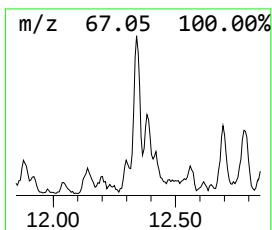
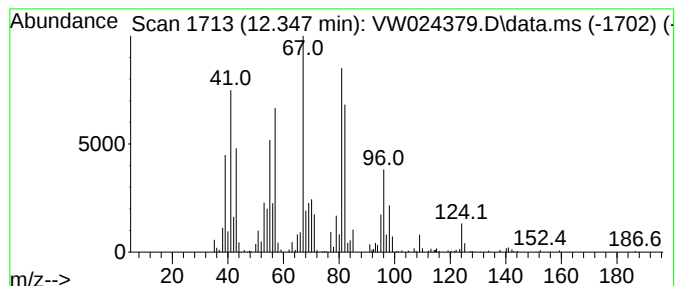
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Quant Title : SFAM01.0

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

Peak Number 10 Pentalene, octahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.347	20.90 ug/L	353124	Chlorobenzene-d5	11.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	92
2		1-Methylcyclooctene	124	C9H16	000933-11-9	89
3		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
4		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	70
5		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

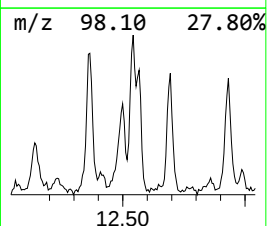
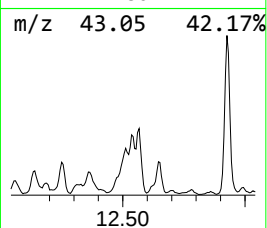
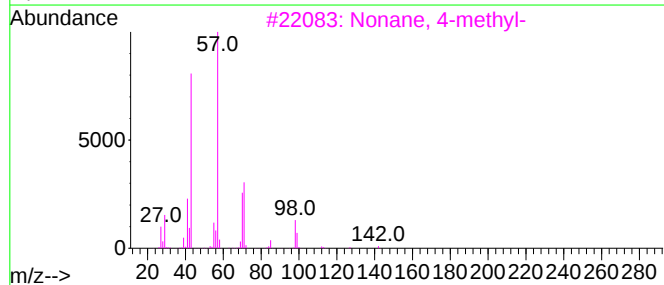
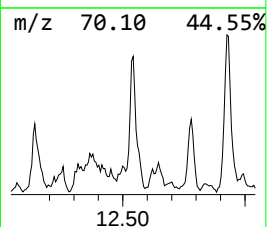
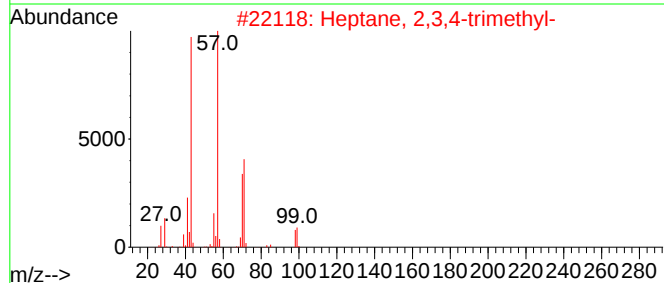
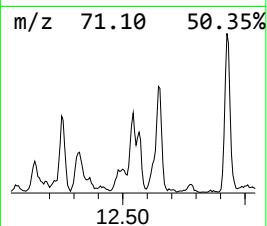
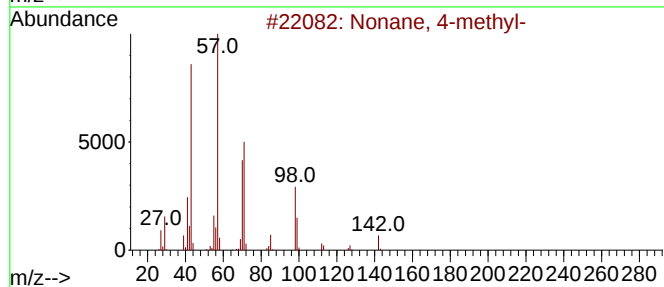
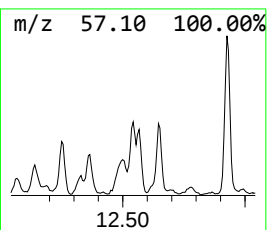
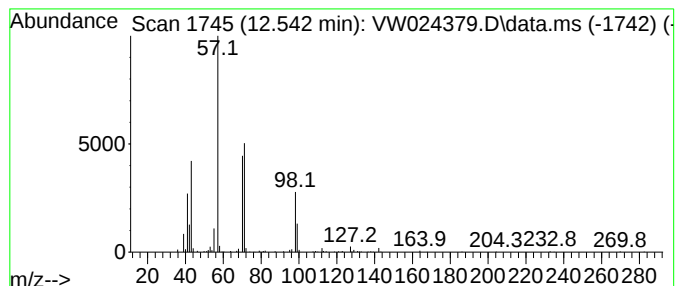
Instrument :
MSVOA_W
ClientSampleId :
DBVS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.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 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.542	5.24 ug/L	88510	Chlorobenzene-d5		11.640	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	78
2	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	64
3	Nonane, 4-methyl-		142	C10H22	017301-94-9	59
4	Nonane, 4-methyl-		142	C10H22	017301-94-9	50
5	Decanal		156	C10H20O	000112-31-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

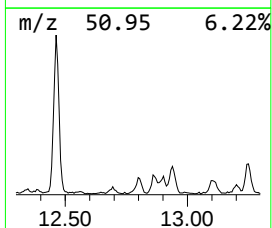
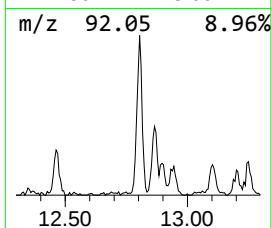
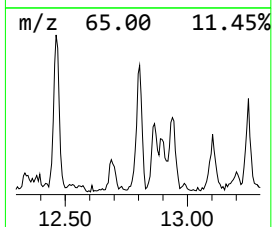
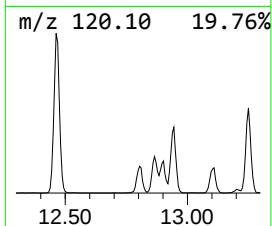
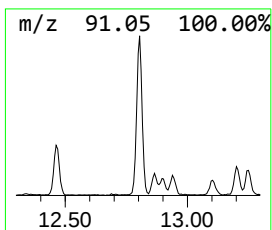
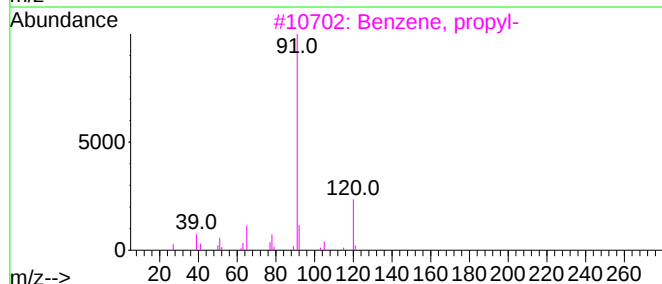
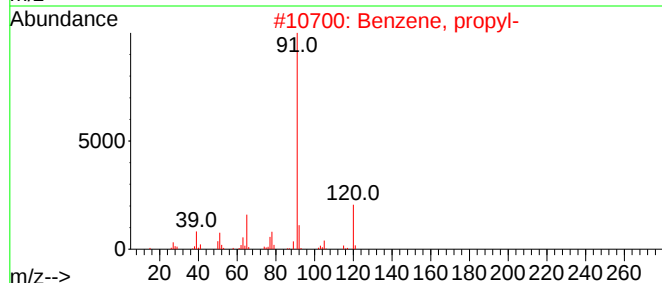
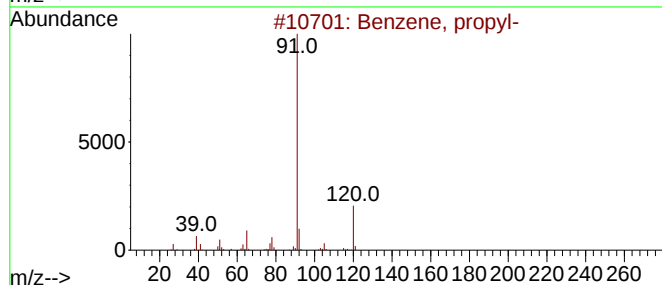
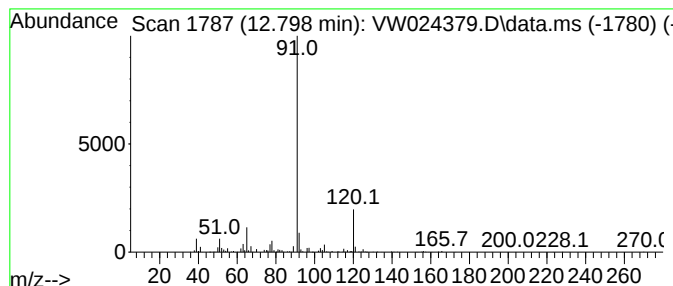
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	10.78 ug/L	395029	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	87
2			Benzene, propyl-	120	C9H12	000103-65-1	76
3			Benzene, propyl-	120	C9H12	000103-65-1	74
4			Benzene, propyl-	120	C9H12	000103-65-1	72
5			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

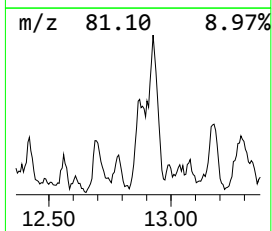
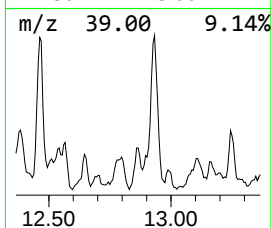
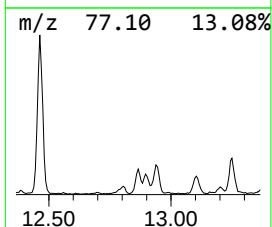
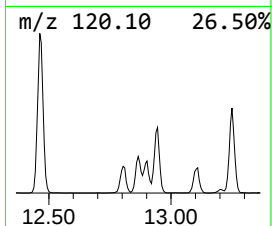
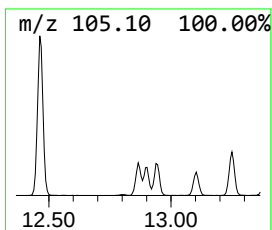
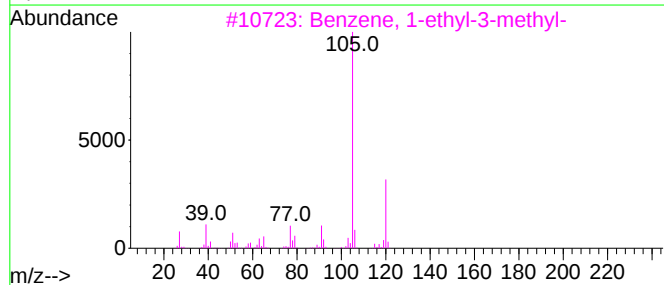
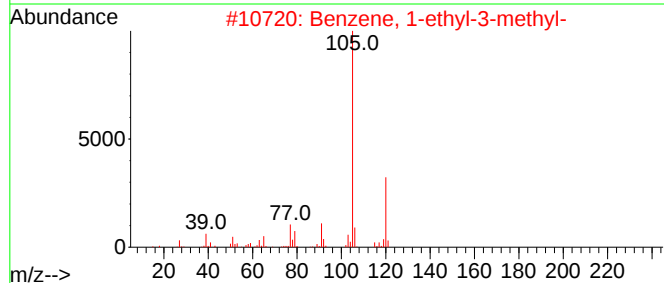
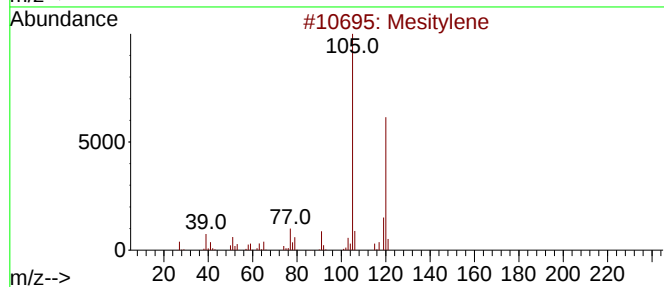
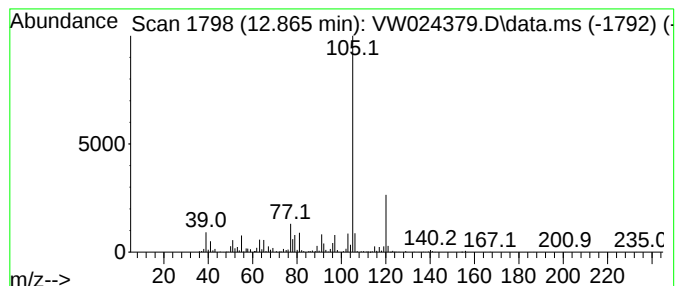
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	10.90 ug/L	399339	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	87
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

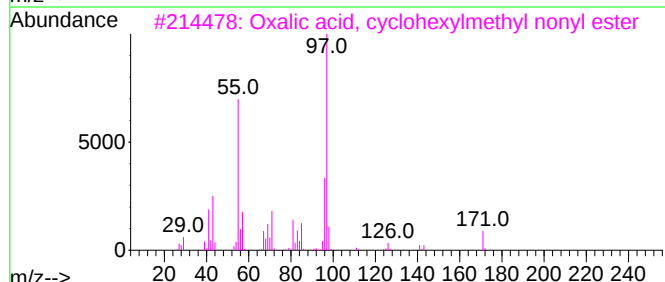
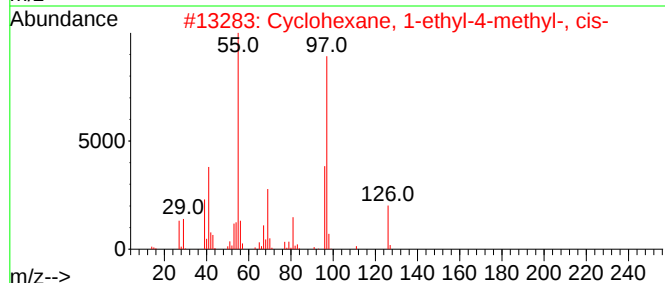
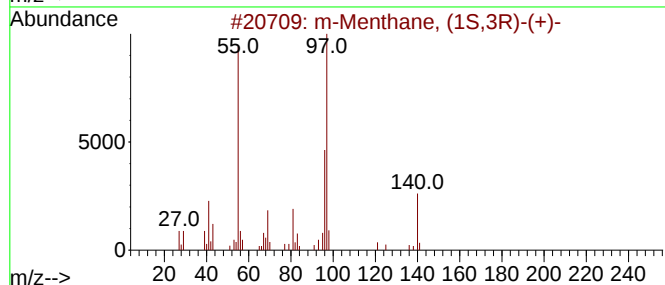
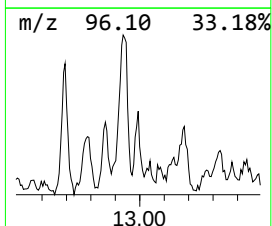
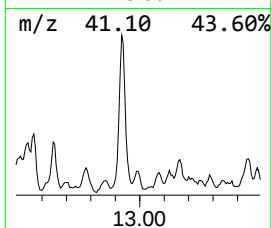
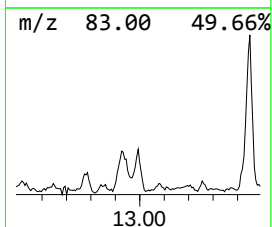
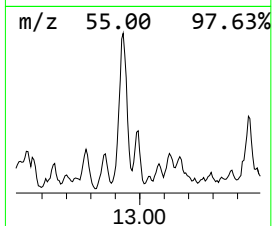
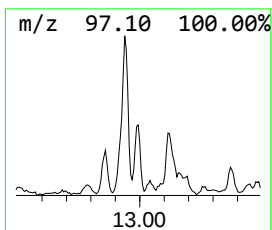
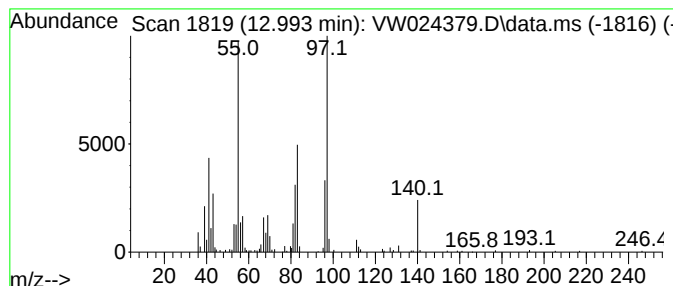
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	3.30 ug/L	120881	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	50
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47
3			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	47
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	47
5			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

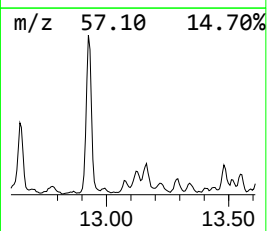
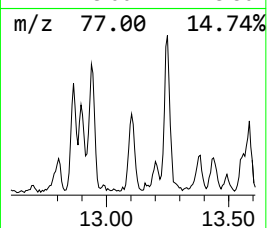
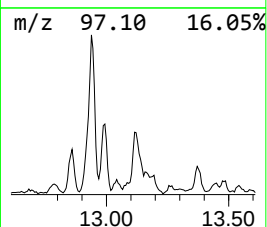
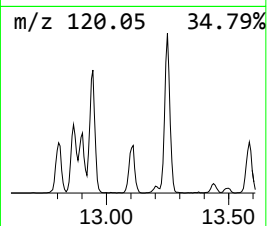
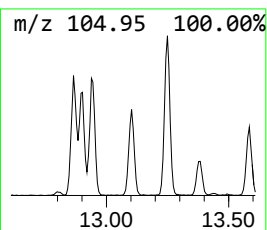
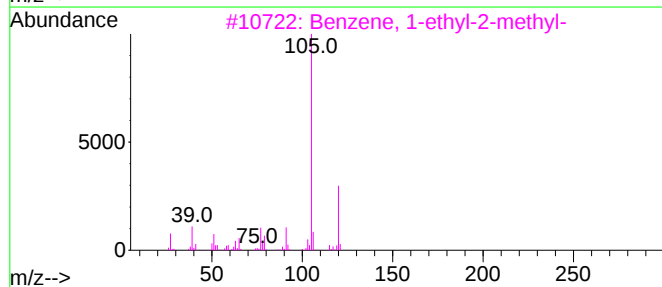
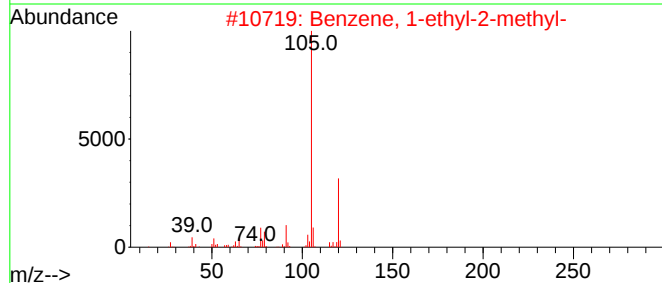
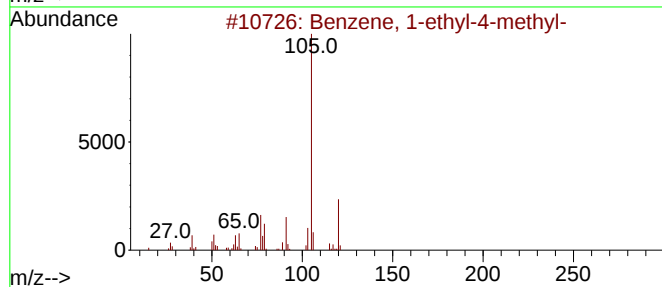
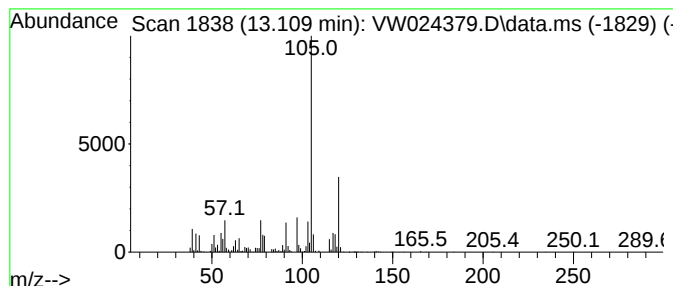
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.109	12.57 ug/L	460547	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

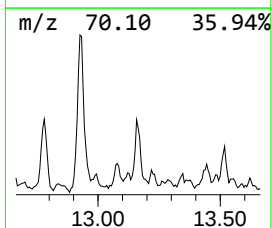
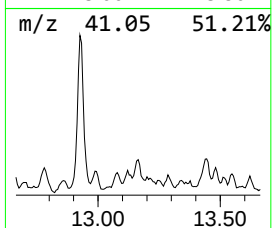
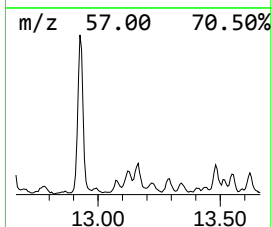
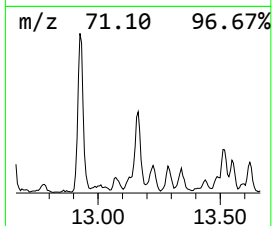
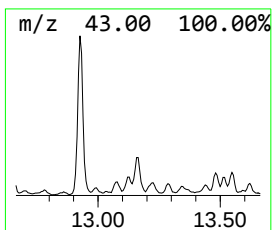
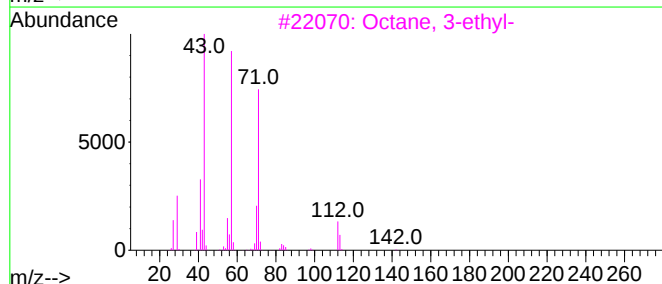
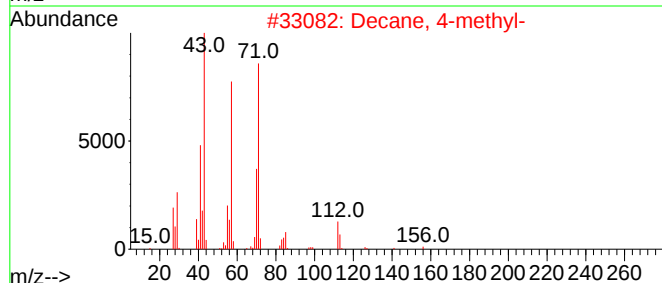
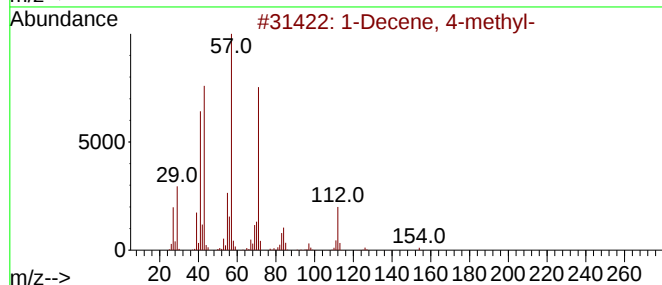
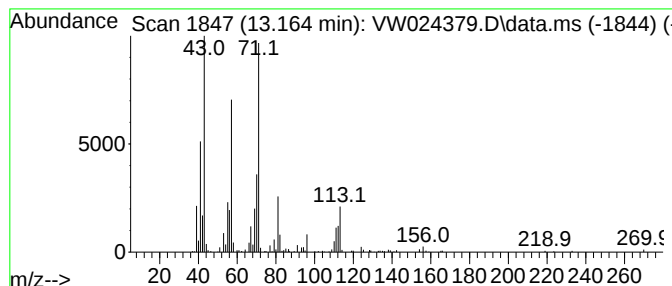
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	2.64 ug/L	96874	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decene, 4-methyl-	154	C11H22	013151-29-6	53
2		Decane, 4-methyl-	156	C11H24	002847-72-5	53
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
4		Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	50
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

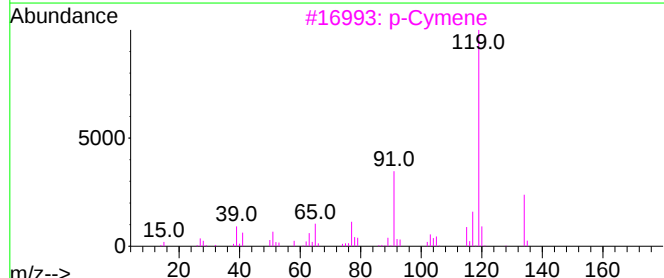
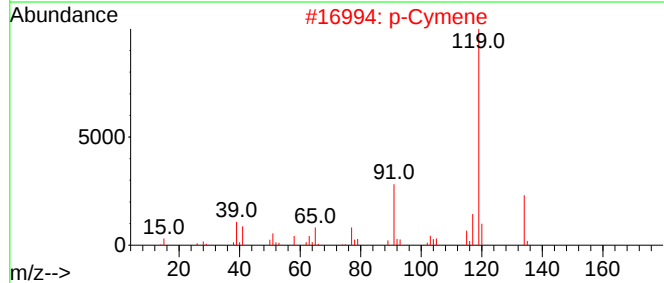
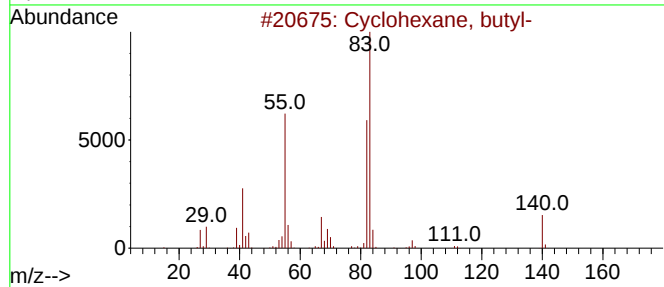
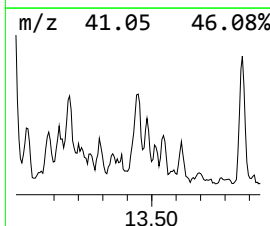
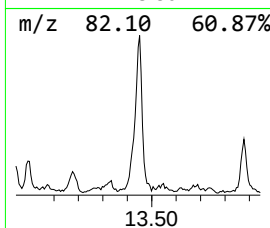
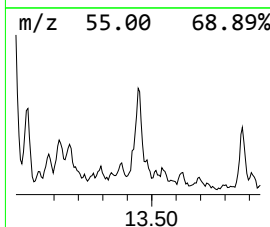
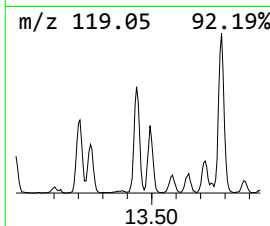
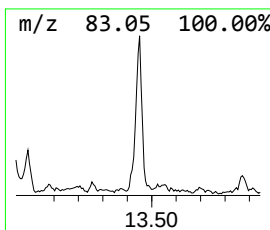
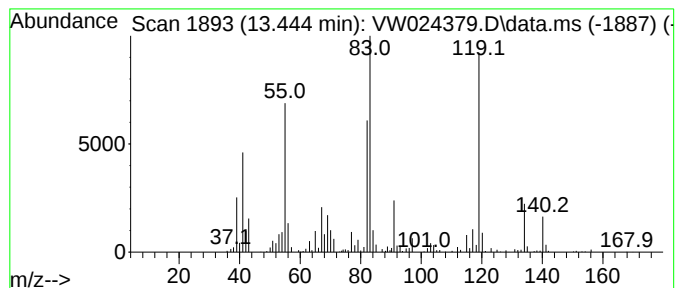
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.444 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	9.77 ug/L	358121	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2		p-Cymene	134	C10H14	000099-87-6	86
3		p-Cymene	134	C10H14	000099-87-6	83
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

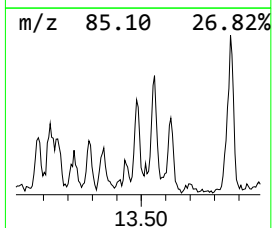
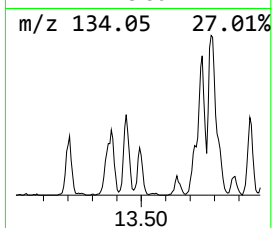
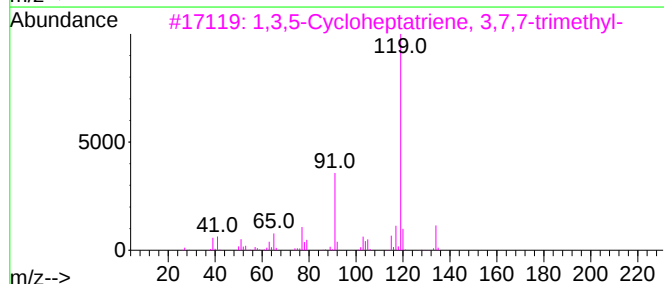
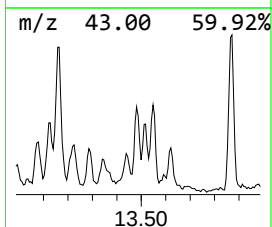
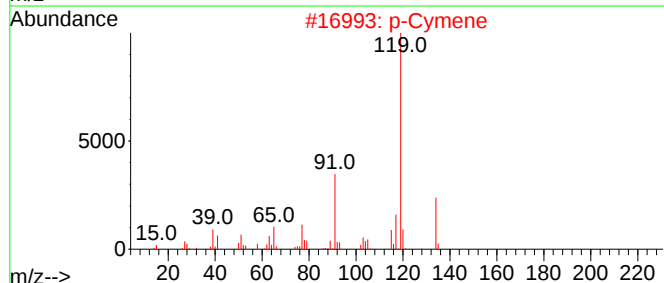
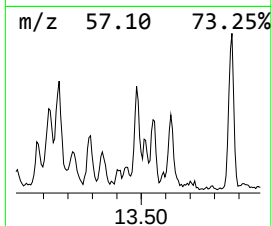
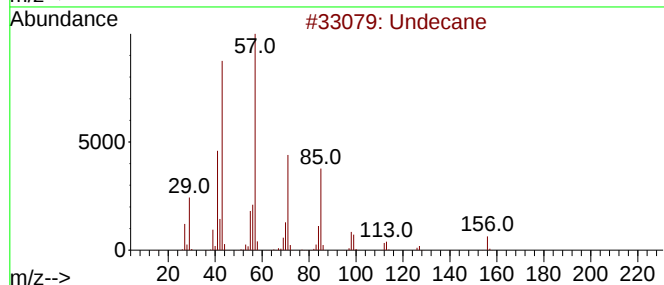
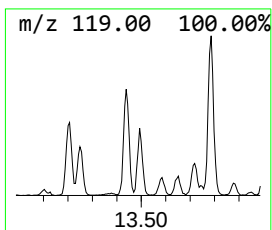
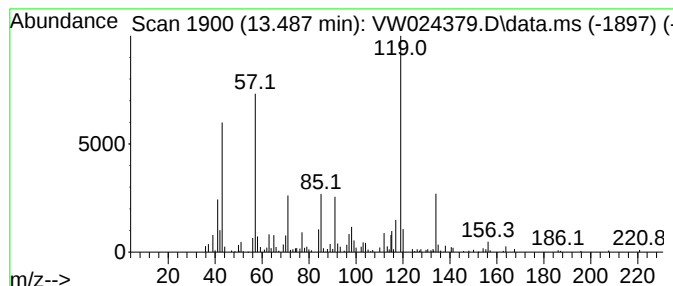
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	4.04 ug/L	148008	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	55
2			p-Cymene	134	C10H14	000099-87-6	55
3			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	55
4			o-Cymene	134	C10H14	000527-84-4	55
5			o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

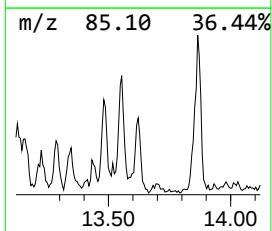
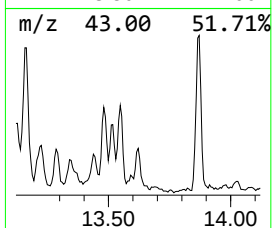
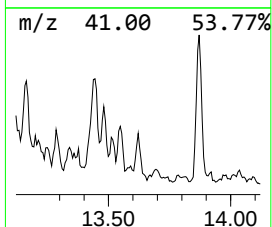
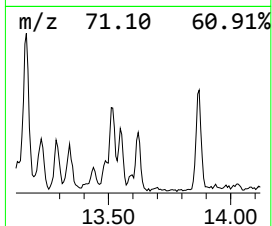
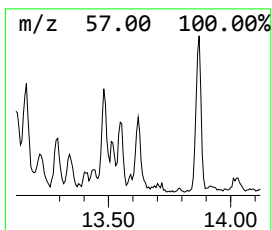
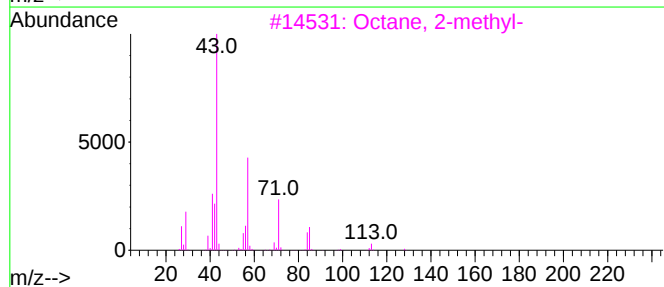
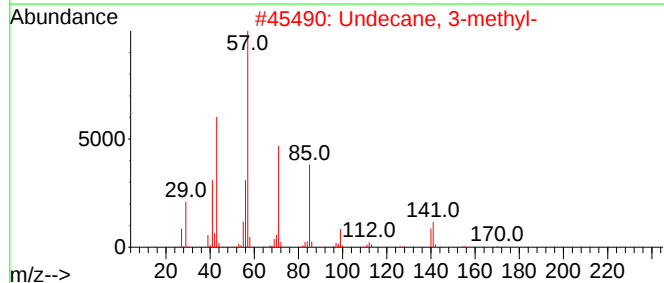
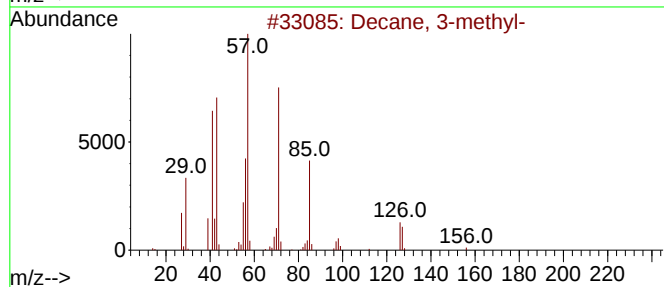
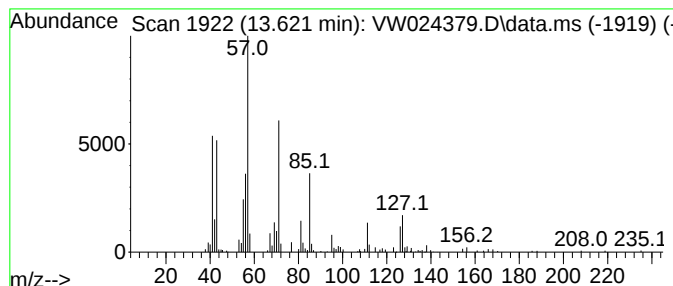
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	2.38 ug/L	87378	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	72
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3			Octane, 2-methyl-	128	C9H20	003221-61-2	58
4			Octane, 2-methyl-	128	C9H20	003221-61-2	53
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

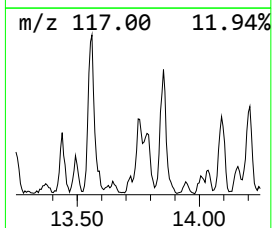
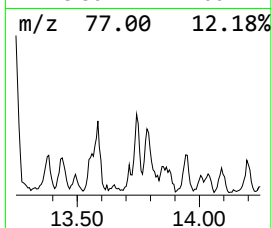
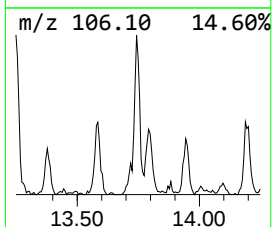
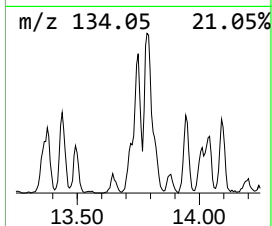
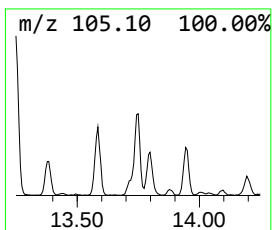
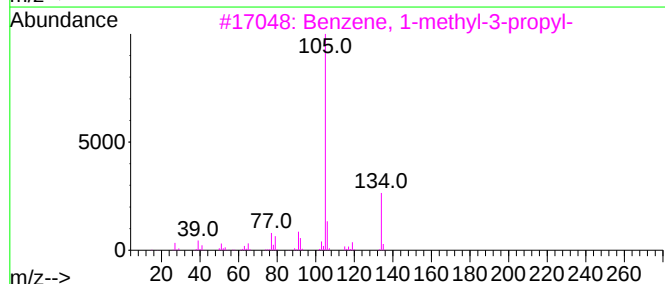
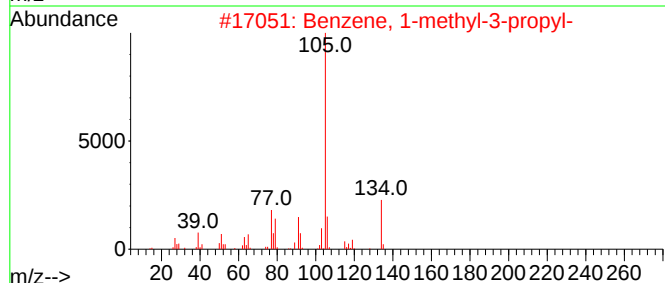
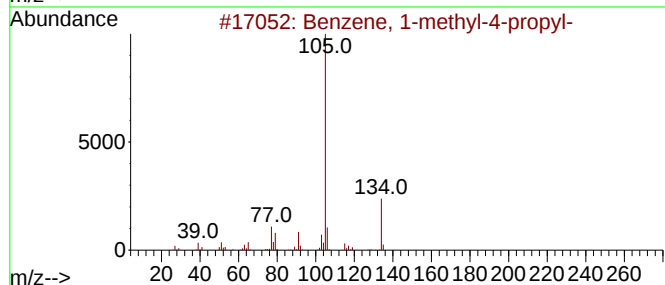
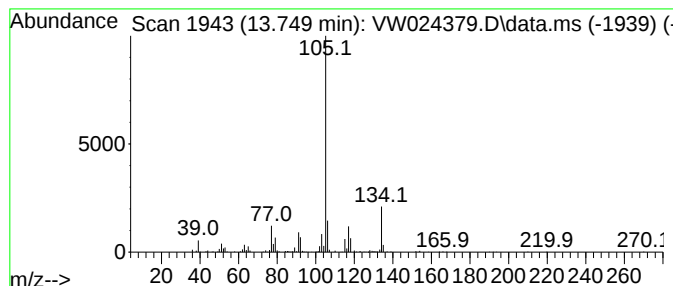
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	3.27 ug/L	119952	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

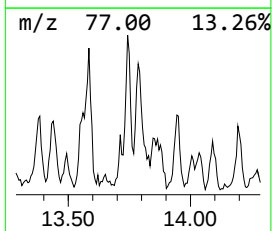
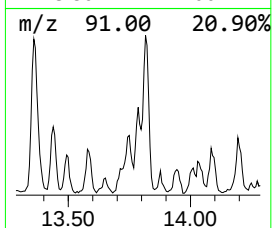
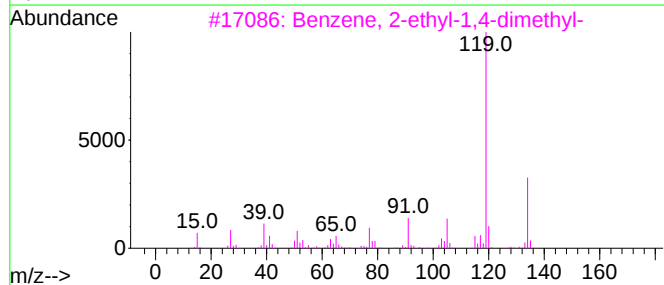
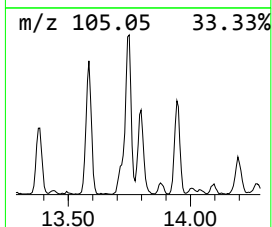
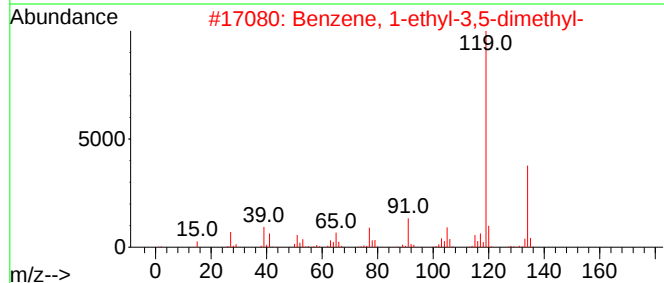
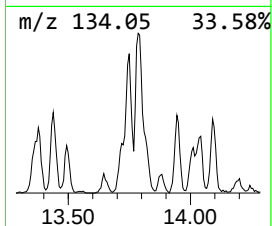
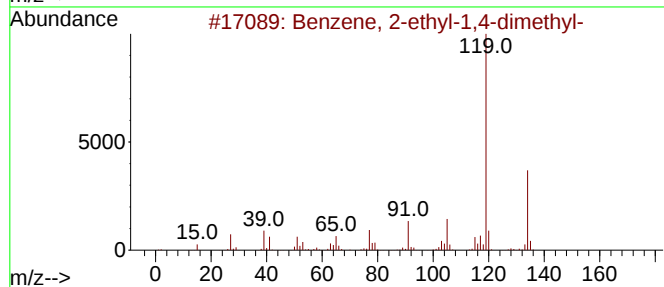
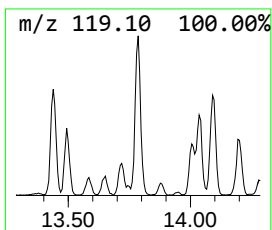
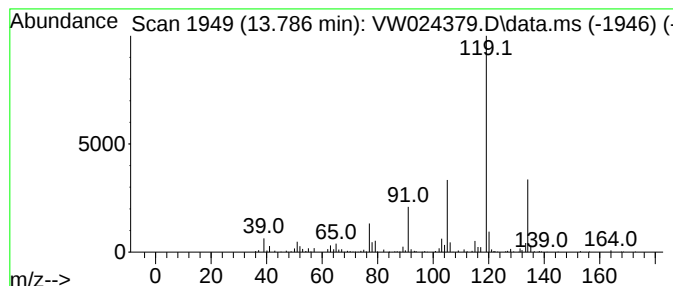
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	4.23 ug/L	155046	1,4-Dichlorobenzene-d4	13.554

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

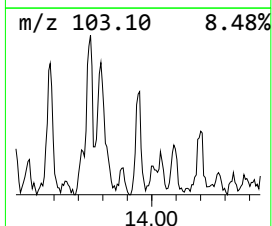
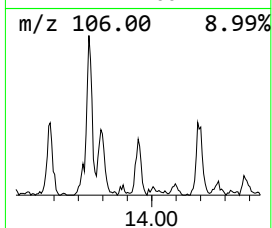
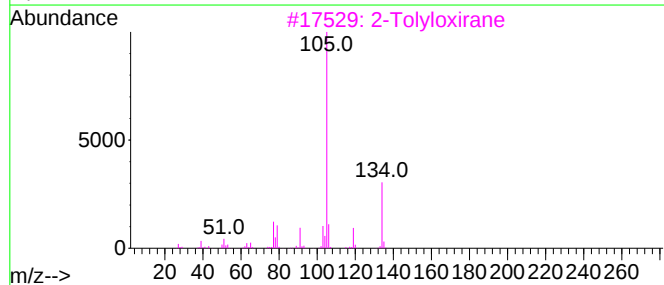
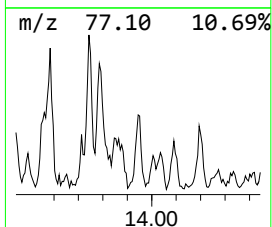
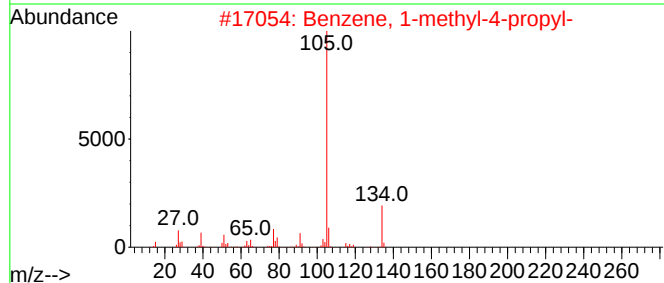
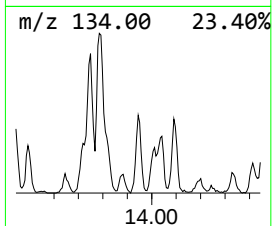
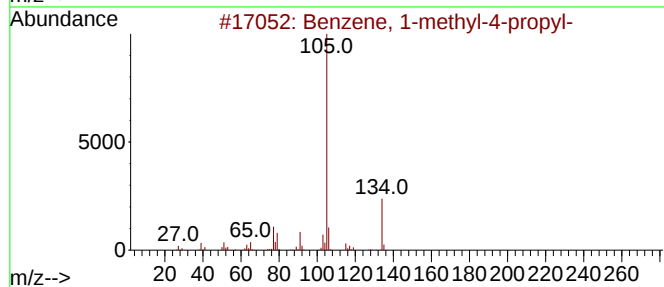
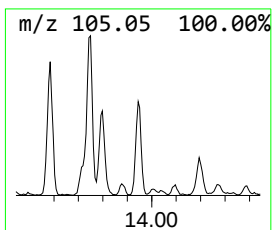
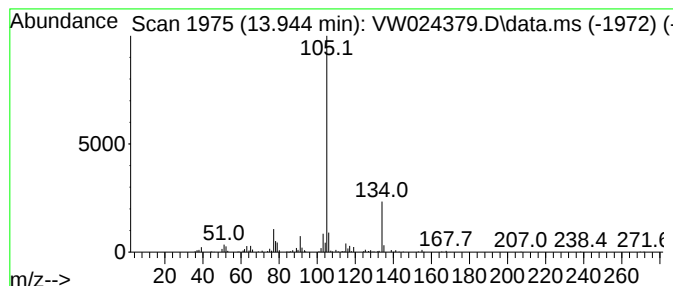
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Quant Title : SFAM01.0

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

Peak Number 22 2-Tolyloxirane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	2.30 ug/L	84131	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		2-Tolyloxirane	134	C9H10O	002783-26-8	90
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

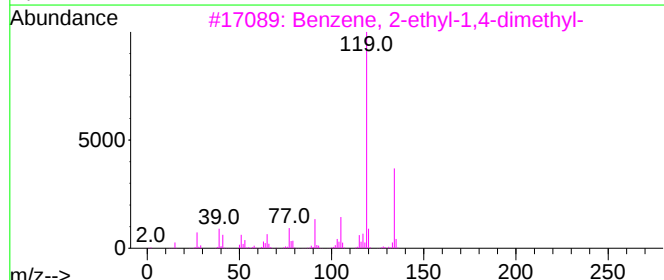
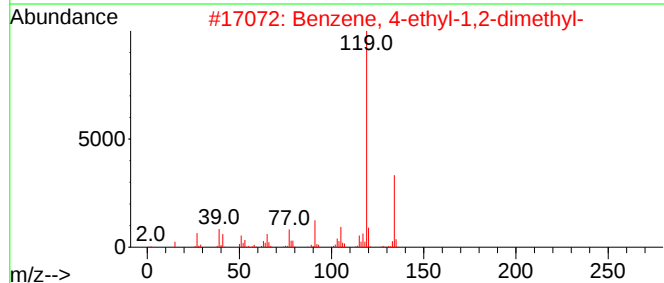
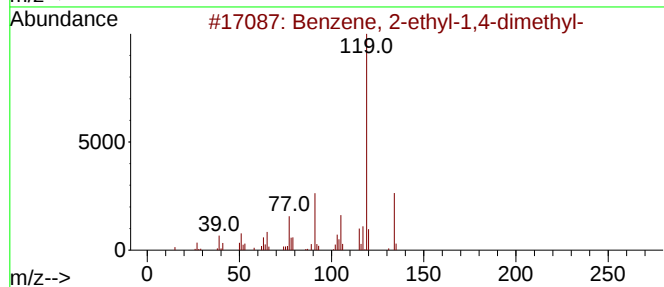
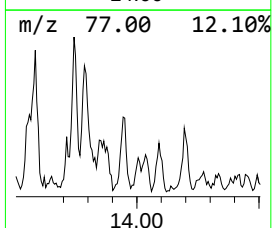
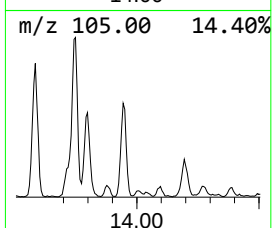
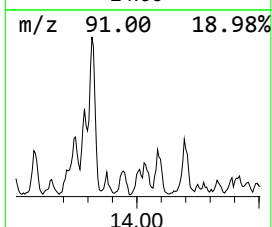
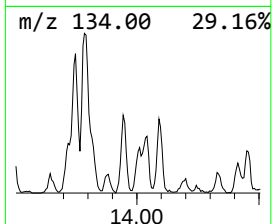
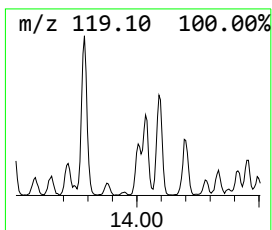
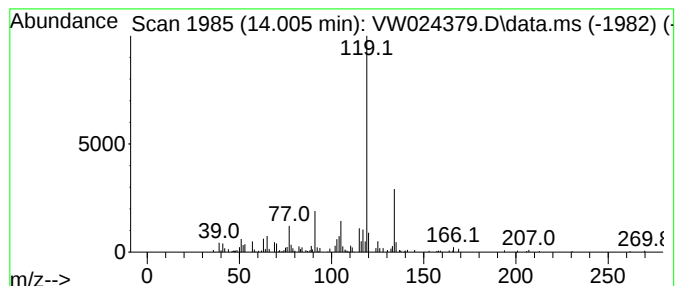
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	1.47 ug/L	53880	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

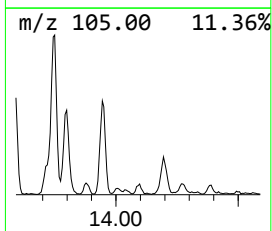
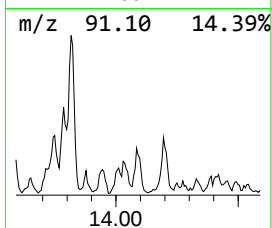
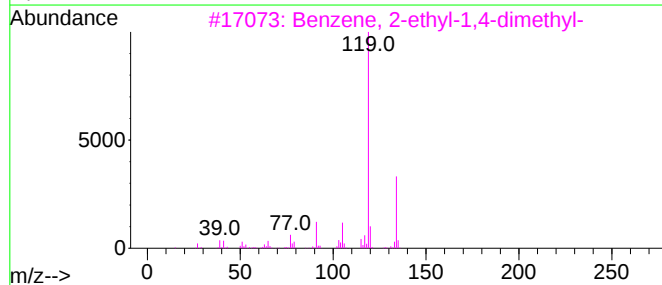
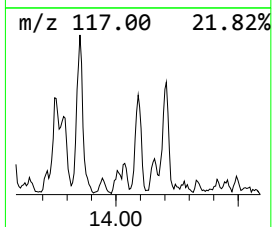
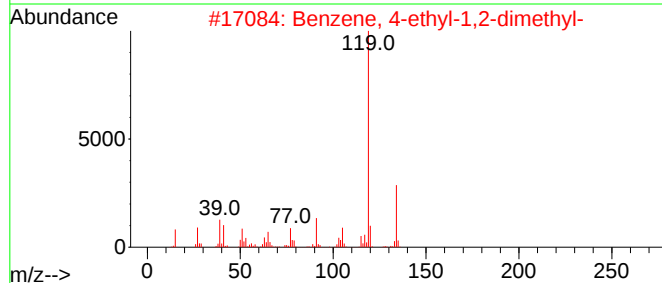
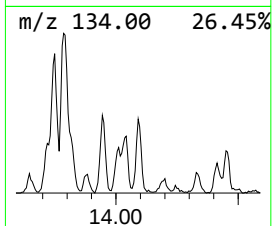
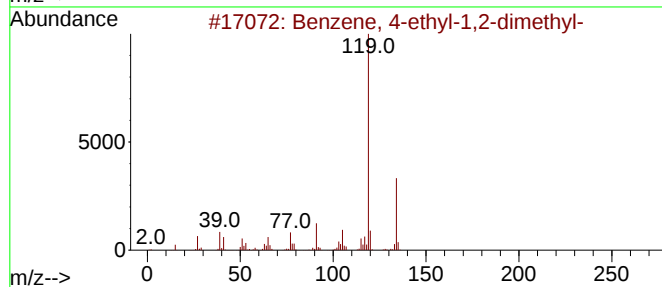
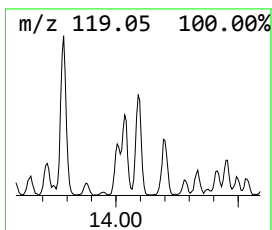
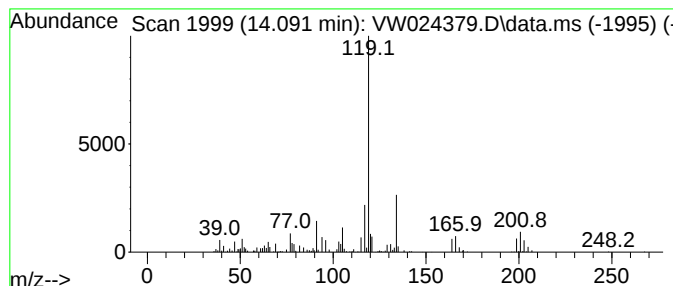
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	4.56 ug/L	167123	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

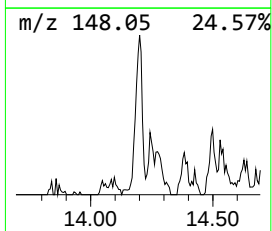
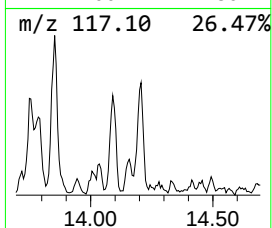
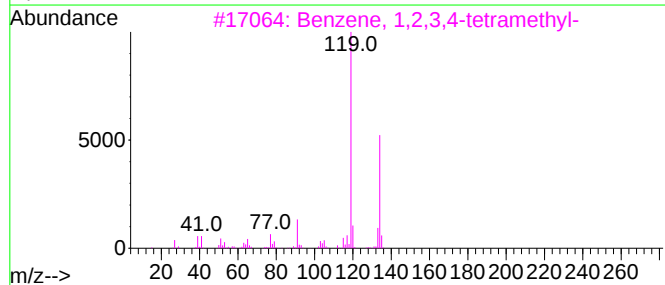
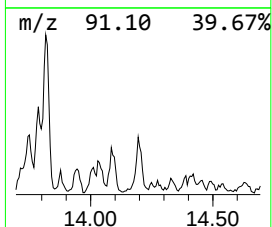
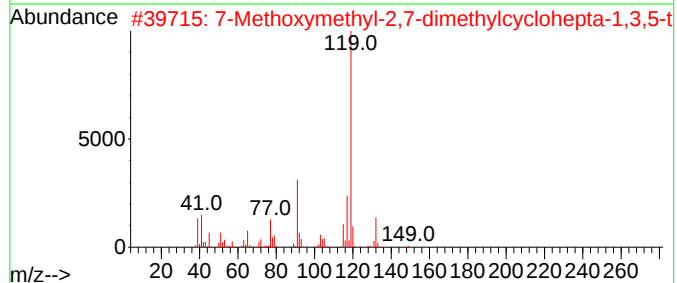
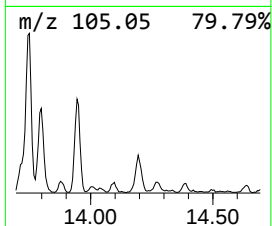
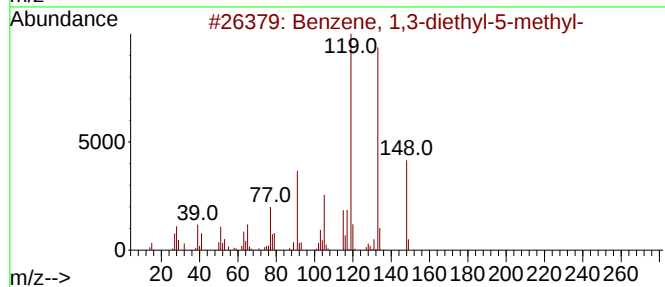
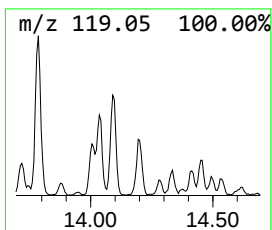
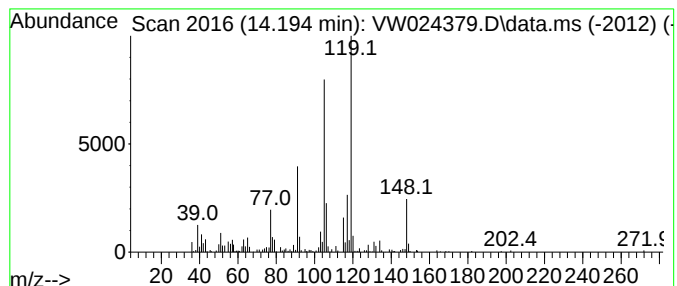
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	3.42 ug/L	125256	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
2			7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	49
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	47
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
5			p-Cymene	134	C10H14	000099-87-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

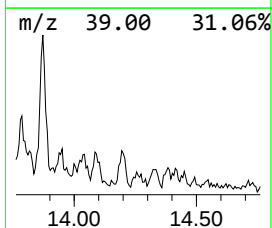
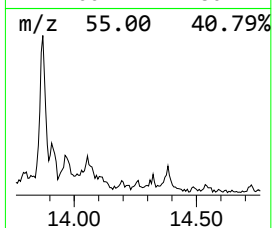
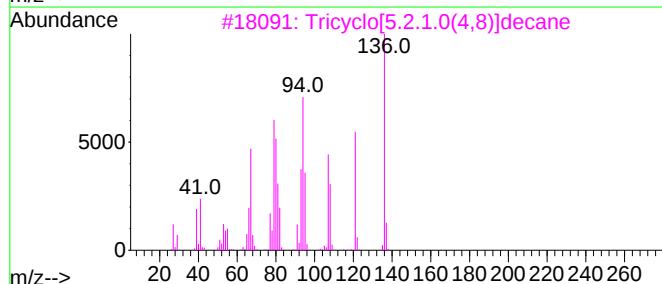
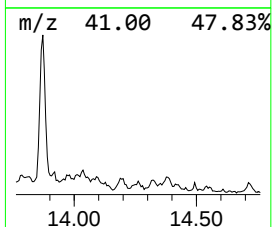
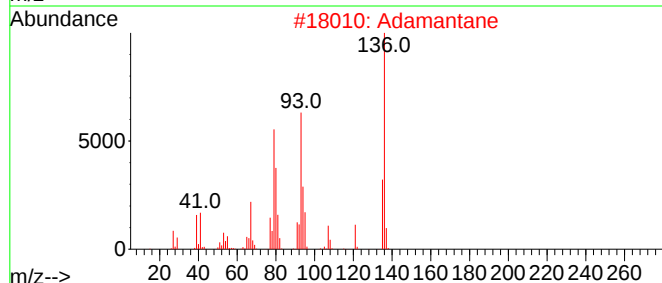
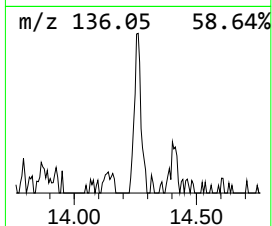
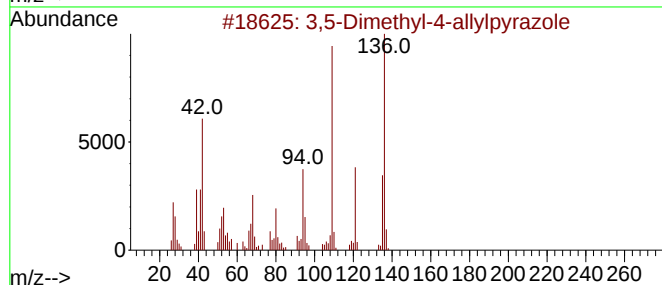
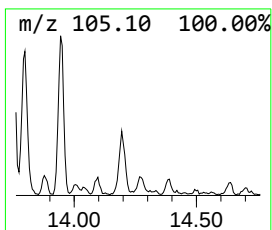
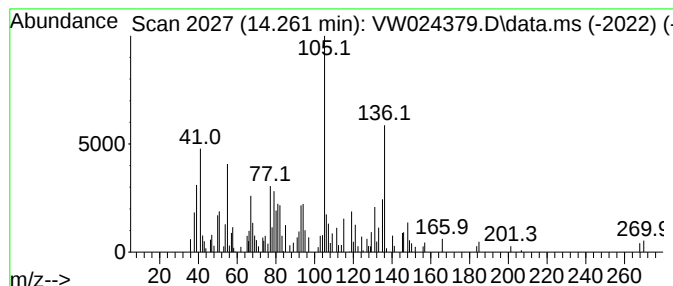
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	1.33 ug/L	48703	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyl-4-allylpyrazole	136	C8H12N2	024475-45-4	43
2			Adamantane	136	C10H16	000281-23-2	43
3			Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	41
4			2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	38
5			Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

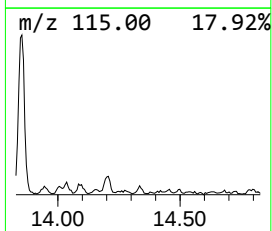
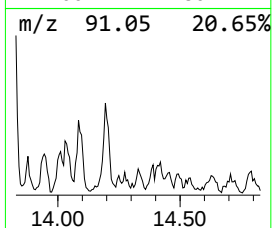
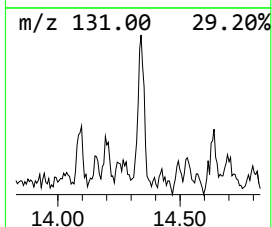
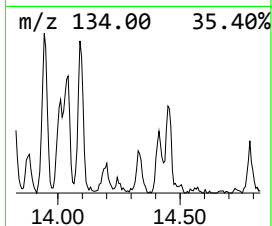
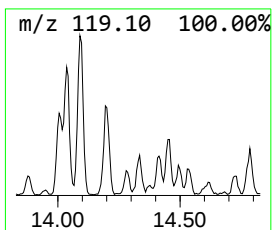
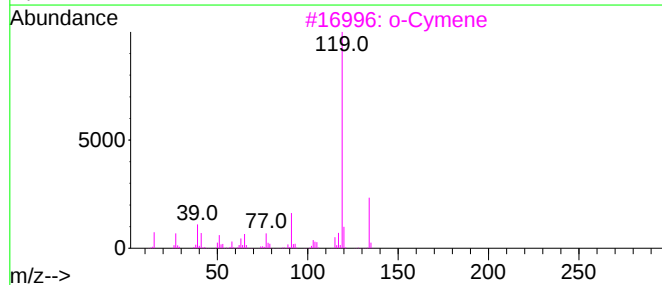
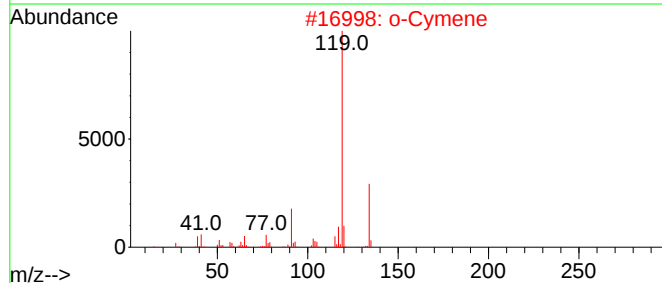
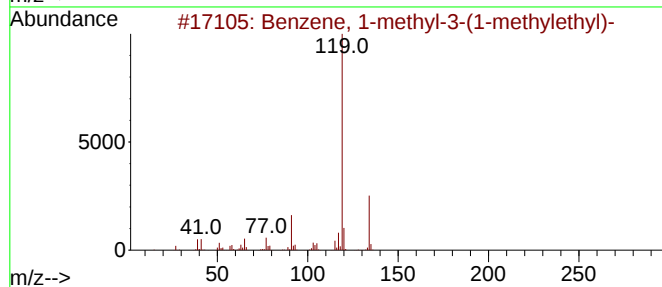
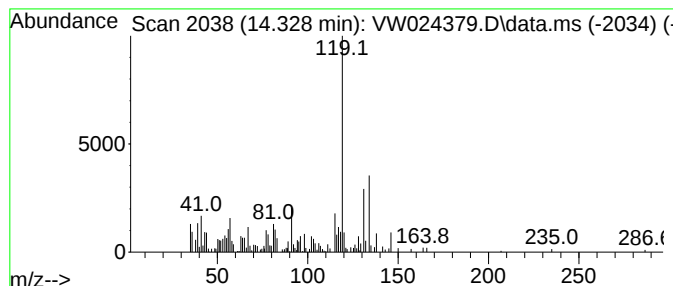
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1-methyl-3-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	1.39 ug/L	50774	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2			o-Cymene	134	C10H14	000527-84-4	70
3			o-Cymene	134	C10H14	000527-84-4	70
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

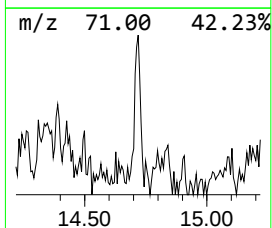
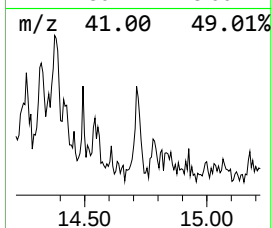
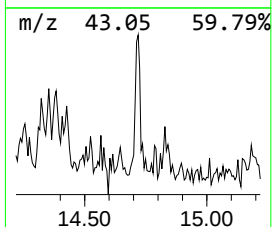
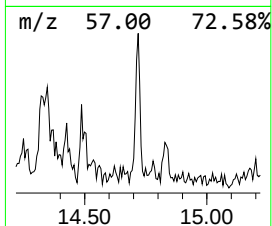
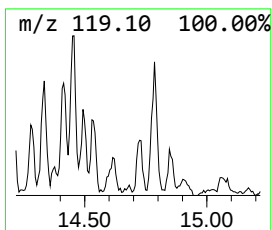
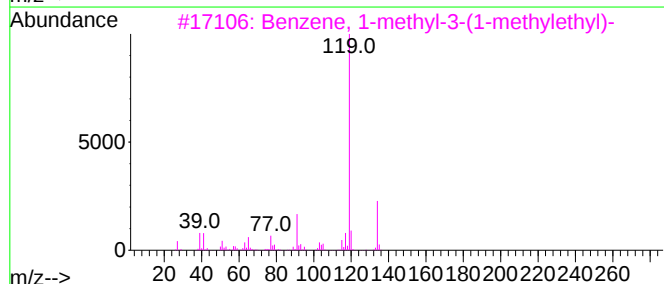
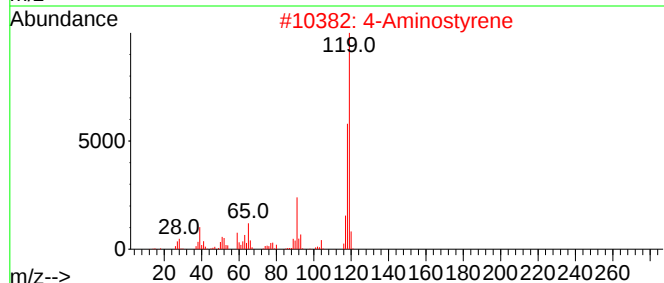
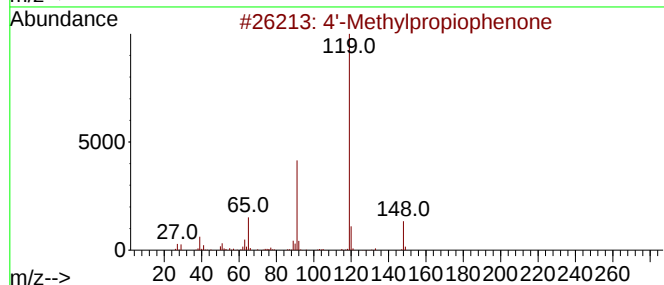
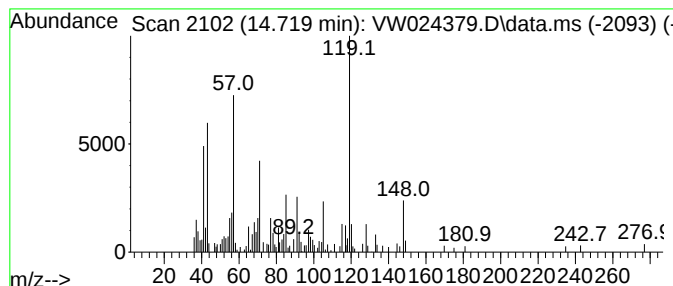
Instrument :
MSVOA_W
ClientSampleId :
DBVS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 unknown-05 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.719	1.38 ug/L	50409	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methylpropiophenone	148	C10H12O	005337-93-9	38
2	4-Aminostyrene	119	C8H9N	001520-21-4	30
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	30
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	30
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

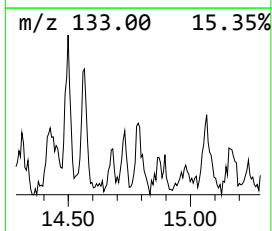
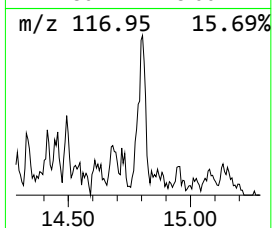
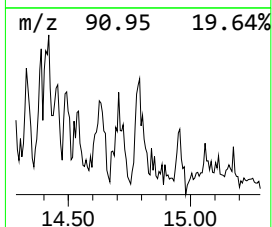
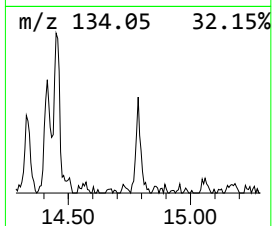
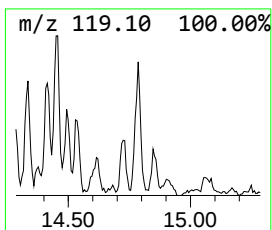
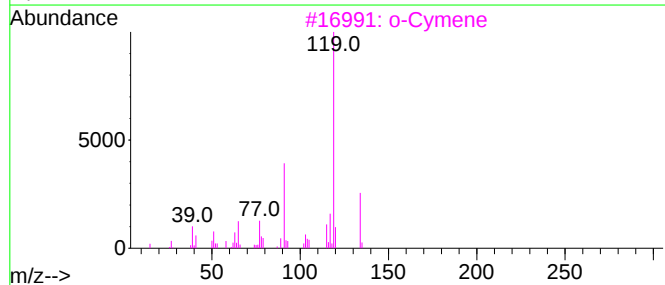
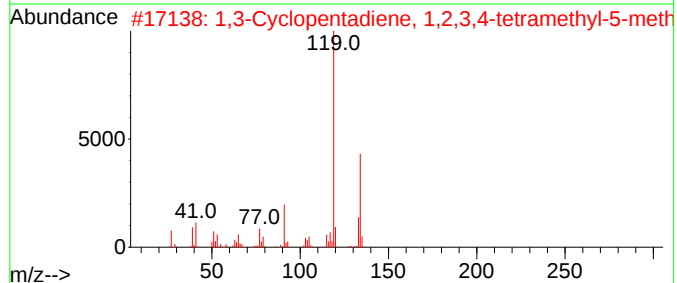
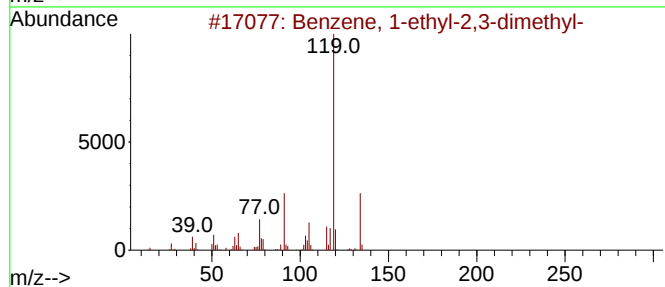
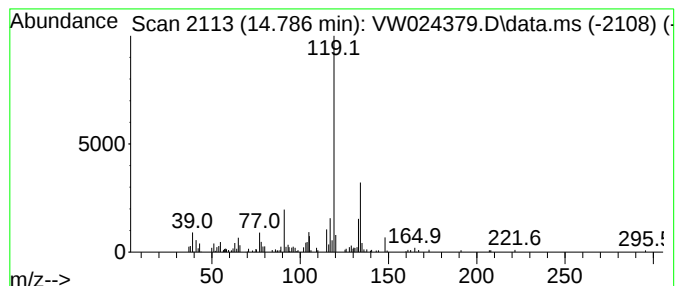
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Quant Title : SFAM01.0

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

Peak Number 29 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	1.52 ug/L	55670	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3			o-Cymene	134	C10H14	000527-84-4	87
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024379.D
 Acq On : 27 Aug 2022 04:56
 Operator : SY/VA
 Sample : N4345-03
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.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
unknown-01	2.288	33.8	ug/L	561926	1	8.842	415798	25.0
1,2,3-Oxadiazol...	10.110	1.4	ug/L	23390	1	8.842	415798	25.0
(DEL) Alkane: S...	10.506	1.5	ug/L	24473	2	11.640	422469	25.0
unknown-02	10.683	1.3	ug/L	21910	2	11.640	422469	25.0
(DEL) Alkane: S...	11.420	18.4	ug/L	310168	2	11.640	422469	25.0
(DEL) Alkane: S...	11.518	12.1	ug/L	204397	2	11.640	422469	25.0
(DEL) Alkane: S...	12.060	5.6	ug/L	94892	2	11.640	422469	25.0
(DEL) Alkane: S...	12.249	12.0	ug/L	202484	2	11.640	422469	25.0
Pentalene, octa...	12.347	20.9	ug/L	353124	2	11.640	422469	25.0
(DEL) Alkane: S...	12.542	5.2	ug/L	88510	2	11.640	422469	25.0
Benzene, propyl-	12.798	10.8	ug/L	395029	3	13.554	916079	25.0
Benzene, 1-ethy...	12.865	10.9	ug/L	399339	3	13.554	916079	25.0
(DEL) Alkane: S...	12.993	3.3	ug/L	120881	3	13.554	916079	25.0
Benzene, 1-ethy...	13.109	12.6	ug/L	460547	3	13.554	916079	25.0
(DEL) Alkane: S...	13.164	2.6	ug/L	96874	3	13.554	916079	25.0
(DEL) Alkane: C...	13.444	9.8	ug/L	358121	3	13.554	916079	25.0
(DEL) Alkane: S...	13.487	4.0	ug/L	148008	3	13.554	916079	25.0
(DEL) Alkane: S...	13.621	2.4	ug/L	87378	3	13.554	916079	25.0
Benzene, 1-meth...	13.749	3.3	ug/L	119952	3	13.554	916079	25.0
Benzene, 2-ethy...	13.786	4.2	ug/L	155046	3	13.554	916079	25.0
2-Tolyloxirane	13.944	2.3	ug/L	84131	3	13.554	916079	25.0
Benzene, 4-ethy...	14.005	1.5	ug/L	53880	3	13.554	916079	25.0
Benzene, 1-ethy...	14.091	4.6	ug/L	167123	3	13.554	916079	25.0
unknown-03	14.194	3.4	ug/L	125256	3	13.554	916079	25.0
unknown-04	14.261	1.3	ug/L	48703	3	13.554	916079	25.0
Benzene, 1-meth...	14.328	1.4	ug/L	50774	3	13.554	916079	25.0
unknown-05	14.719	1.4	ug/L	50409	3	13.554	916079	25.0
Benzene, 1-ethy...	14.786	1.5	ug/L	55670	3	13.554	916079	25.0