

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077198.D
 Acq On : 22 Sep 2023 13:46
 Operator : JC/SY
 Sample : 04527-03RE
 Misc : 5.92G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYH0RE

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_D\Method\SFAMDL090123SMA.M
 Title : SFAM01.0

Signal : TIC: VD077198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	19	25	33	rVB	63024	115495	53.22%	13.884%
2	1.858	44	46	49	rBV	528	652	0.30%	0.078%
3	2.111	83	89	91	rBV2	718	1317	0.61%	0.158%
4	2.140	93	94	95	rBV	1623	951	0.44%	0.114%
5	2.270	111	116	120	rBV2	4721	6437	2.97%	0.774%
6	2.793	202	205	206	rBV	2411	1898	0.87%	0.228%
7	2.870	216	218	221	rBV	821	909	0.42%	0.109%
8	2.922	225	227	230	rBV2	596	666	0.31%	0.080%
9	3.017	240	243	244	rBV	691	694	0.32%	0.083%
10	3.046	247	248	250	rVV2	852	627	0.29%	0.075%
11	3.670	352	354	356	rVV	871	791	0.36%	0.095%
12	3.711	359	361	364	rBV2	1001	1263	0.58%	0.152%
13	3.887	388	391	392	rBV	735	684	0.32%	0.082%
14	3.899	392	393	394	rBV	2184	1275	0.59%	0.153%
15	4.011	410	412	415	rVB2	958	998	0.46%	0.120%
16	4.158	434	437	439	rBV	553	784	0.36%	0.094%
17	4.217	446	447	450	rBV	769	598	0.28%	0.072%
18	4.422	480	482	485	rBV2	706	744	0.34%	0.089%
19	4.664	521	523	524	rBV	1086	584	0.27%	0.070%
20	4.681	524	526	531	rVV2	519	886	0.41%	0.107%
21	4.769	536	541	543	rBV2	799	1150	0.53%	0.138%
22	4.852	552	555	558	rBV2	535	784	0.36%	0.094%
23	4.964	572	574	576	rVB	872	699	0.32%	0.084%
24	5.258	621	624	626	rBV2	943	975	0.45%	0.117%
25	5.481	659	662	665	rVB2	591	701	0.32%	0.084%
26	5.575	676	678	679	rBV	784	600	0.28%	0.072%
27	5.716	699	702	704	rBV2	837	942	0.43%	0.113%
28	5.805	716	717	721	rVB	979	872	0.40%	0.105%
29	6.016	749	753	755	rBV2	855	747	0.34%	0.090%
30	6.058	755	760	761	rBV2	624	771	0.36%	0.093%
31	6.958	911	913	915	rBV2	936	1096	0.51%	0.132%
32	6.987	915	918	920	rBV3	1857	2305	1.06%	0.277%
33	7.169	947	949	951	rBV2	808	707	0.33%	0.085%
34	7.205	952	955	957	rBV2	577	628	0.29%	0.075%
35	7.569	1010	1017	1023	rVB5	5431	12827	5.91%	1.542%
36	7.740	1044	1046	1048	rVB	692	615	0.28%	0.074%

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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_D\Method\SFAMDLM090123SMA.M
 Title : SFAM01.0

37	8.210	1118	1126	1135	rVV8	8869	30463	14.04%	3.662%
38	8.716	1209	1212	1215	rVV2	559	670	0.31%	0.081%
39	8.781	1216	1223	1227	rVV3	6656	13092	6.03%	1.574%
40	8.928	1245	1248	1251	rBV2	708	1119	0.52%	0.135%

41	8.963	1252	1254	1258	rVV	899	827	0.38%	0.099%
42	9.205	1291	1295	1304	rVB3	6359	12945	5.96%	1.556%
43	9.269	1304	1306	1309	rVB	1149	1139	0.52%	0.137%
44	9.346	1315	1319	1321	rBV	1234	1281	0.59%	0.154%
45	9.487	1341	1343	1346	rVB2	876	609	0.28%	0.073%

46	9.604	1361	1363	1365	rVB2	929	718	0.33%	0.086%
47	9.681	1372	1376	1377	rBV	541	729	0.34%	0.088%
48	9.734	1383	1385	1387	rBV	875	638	0.29%	0.077%
49	9.881	1408	1410	1412	rVB	976	880	0.41%	0.106%
50	9.981	1419	1427	1431	rBV3	3580	6075	2.80%	0.730%

51	10.134	1451	1453	1458	rVB	912	1020	0.47%	0.123%
52	10.193	1460	1463	1464	rBV2	565	627	0.29%	0.075%
53	10.269	1470	1476	1482	rBV3	10602	19161	8.83%	2.303%
54	10.346	1487	1489	1491	rVB2	883	749	0.35%	0.090%
55	10.781	1560	1563	1564	rBV	778	625	0.29%	0.075%

56	10.875	1574	1579	1585	rBV4	3941	7525	3.47%	0.905%
57	11.051	1607	1609	1611	rBV	905	816	0.38%	0.098%
58	11.087	1613	1615	1618	rVV	728	608	0.28%	0.073%
59	11.128	1620	1622	1623	rVB2	1099	629	0.29%	0.076%
60	11.163	1623	1628	1631	rBV2	998	1456	0.67%	0.175%

61	11.581	1694	1699	1704	rBV3	11100	19321	8.90%	2.323%
62	11.787	1730	1734	1739	rVV3	7019	11203	5.16%	1.347%
63	11.987	1767	1768	1772	rVB2	891	766	0.35%	0.092%
64	12.034	1773	1776	1778	rBV2	731	938	0.43%	0.113%
65	12.116	1784	1790	1798	rVB2	14157	24160	11.13%	2.904%

66	12.204	1803	1805	1807	rVB	955	809	0.37%	0.097%
67	12.281	1816	1818	1819	rBV2	1044	722	0.33%	0.087%
68	12.322	1823	1825	1827	rBV	1433	1612	0.74%	0.194%
69	12.363	1831	1832	1835	rVV	1037	922	0.42%	0.111%
70	12.428	1837	1843	1852	rVB2	125743	217016	100.00%	26.089%

71	12.493	1852	1854	1857	rBV	851	1022	0.47%	0.123%
72	12.651	1875	1881	1883	rBV3	11704	19221	8.86%	2.311%
73	12.828	1907	1911	1915	rBV3	2790	4962	2.29%	0.597%
74	12.898	1919	1923	1931	rVV3	12891	21415	9.87%	2.574%
75	12.987	1932	1938	1945	rVV3	22458	37469	17.27%	4.504%

76	13.063	1945	1951	1955	rVV4	4859	8398	3.87%	1.010%
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Integration Parameters: LSCINT.P

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Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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 Title : SFAM01.0

77	13.122	1959	1961	1962	rBV2	1431	821	0.38%	0.099%
78	13.216	1967	1977	1982	rBV2	16360	27202	12.53%	3.270%
79	13.316	1992	1994	1995	rBV2	1303	915	0.42%	0.110%
80	13.328	1995	1996	1998	rVV2	1763	1072	0.49%	0.129%
81	13.434	2009	2014	2022	rVB5	21813	41075	18.93%	4.938%
82	13.522	2023	2029	2030	rBV3	14219	21373	9.85%	2.569%
83	13.687	2054	2057	2058	rVB2	1589	1124	0.52%	0.135%
84	13.716	2058	2062	2065	rBV3	3870	5720	2.64%	0.688%
85	13.751	2065	2068	2073	rVB4	5389	8208	3.78%	0.987%
86	13.816	2075	2079	2082	rBV3	9610	14763	6.80%	1.775%
87	13.887	2089	2091	2094	rBV2	1375	1726	0.80%	0.207%
88	14.122	2128	2131	2134	rBV2	1560	1683	0.78%	0.202%
89	14.169	2134	2139	2146	rVB4	7728	13152	6.06%	1.581%
90	14.275	2154	2157	2158	rBV2	939	951	0.44%	0.114%
91	14.304	2159	2162	2165	rVV	3188	3836	1.77%	0.461%
92	14.475	2187	2191	2193	rVB2	2323	2158	0.99%	0.259%
93	14.540	2200	2202	2204	rVB2	1705	965	0.44%	0.116%
94	14.763	2235	2240	2246	rBV3	10073	18380	8.47%	2.210%
95	14.881	2259	2260	2261	rBV	1587	821	0.38%	0.099%
96	14.928	2264	2268	2273	rVV2	5786	8504	3.92%	1.022%
97	14.981	2275	2277	2278	rVB2	1670	816	0.38%	0.098%
98	15.063	2289	2291	2293	rBV2	1809	1194	0.55%	0.144%
99	15.328	2333	2336	2342	rVB4	8799	14250	6.57%	1.713%
100	15.857	2424	2426	2429	rBV	2375	2093	0.96%	0.252%

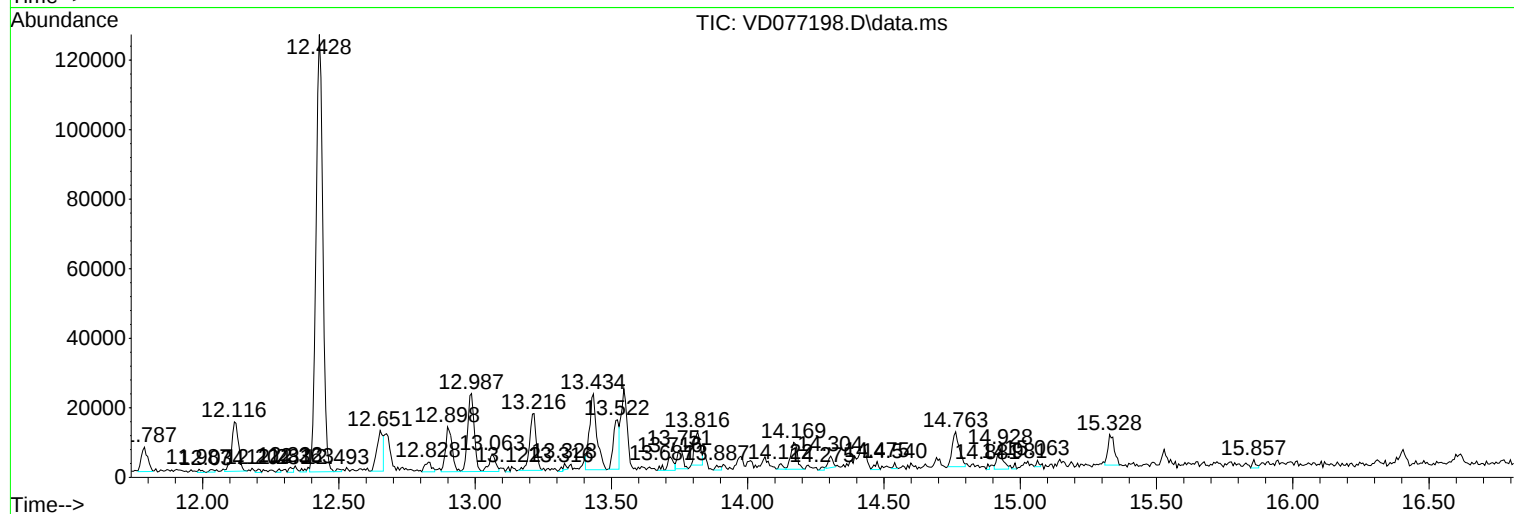
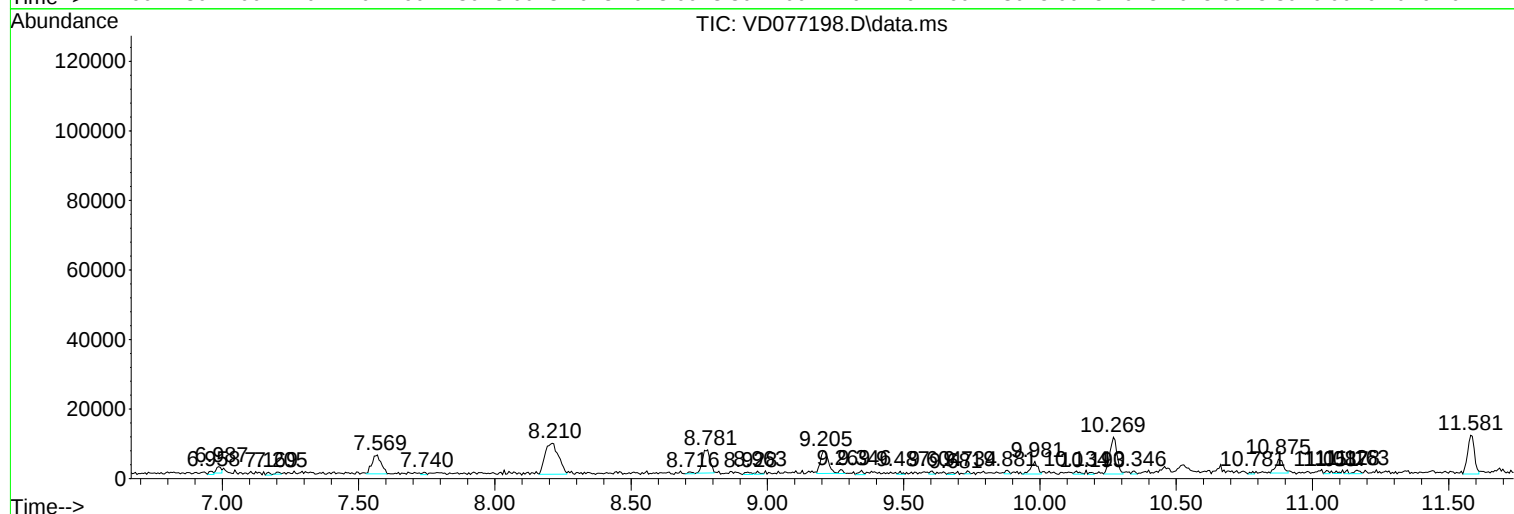
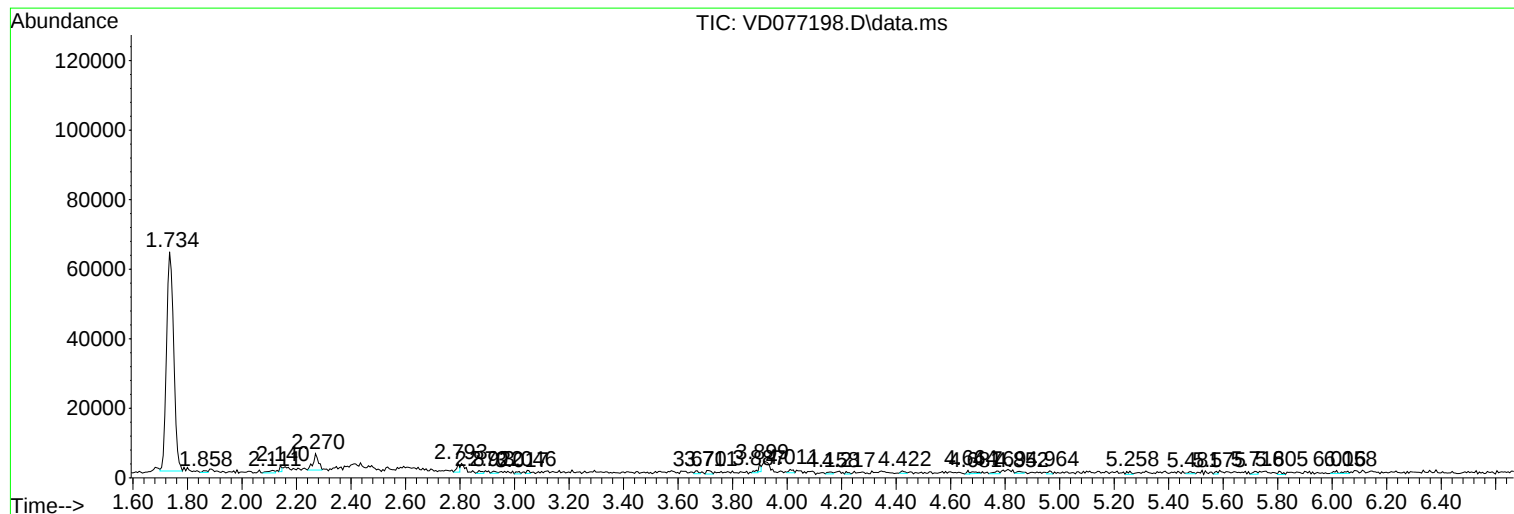
Sum of corrected areas: 831831

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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



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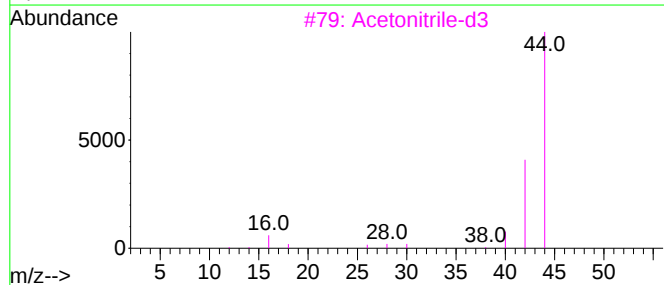
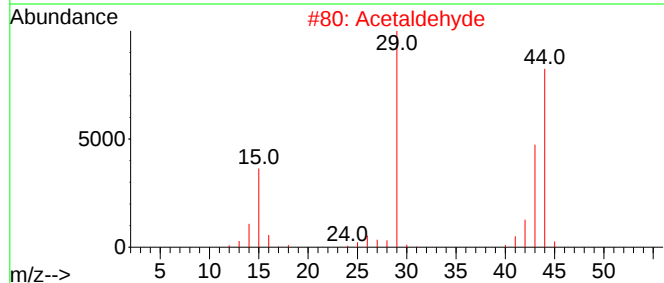
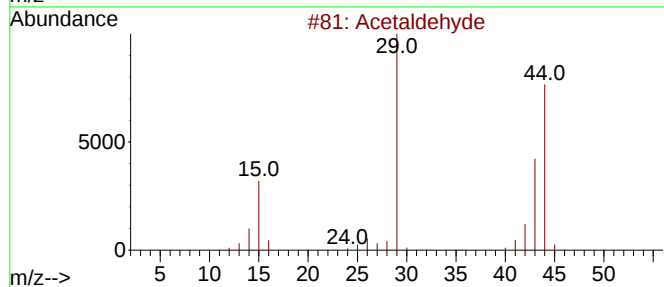
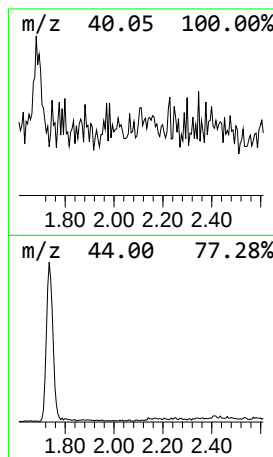
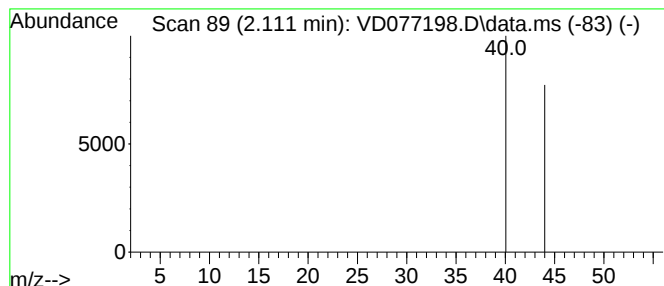
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	2.51 ug/L	1317	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	2
2			Acetaldehyde	44	C2H4O	000075-07-0	2
3			Acetonitrile-d3	44	C2D3N	002206-26-0	2
4			Acetonitrile-d3	44	C2D3N	002206-26-0	2
5			Carbon dioxide	44	CO2	000124-38-9	2



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Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

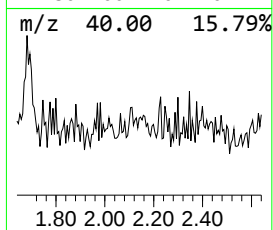
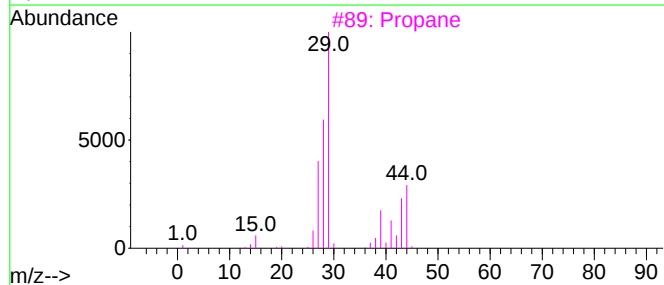
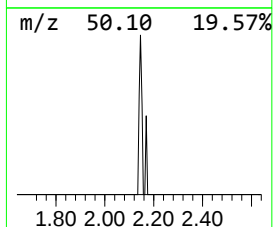
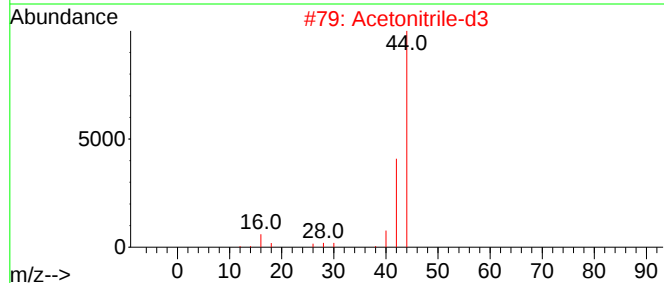
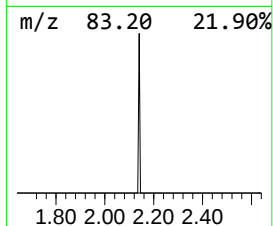
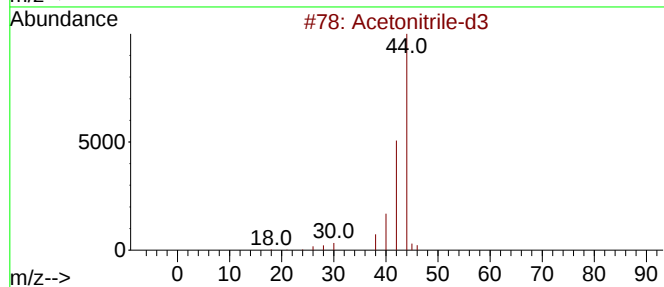
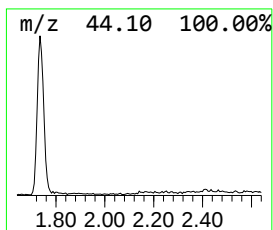
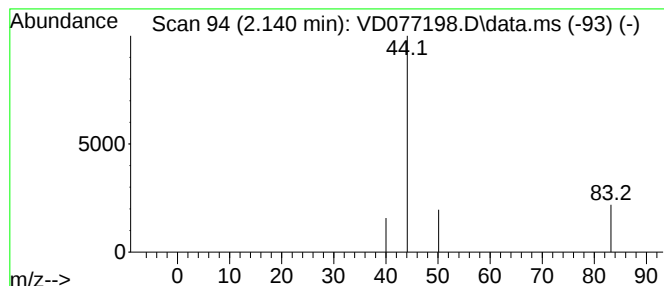
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	1.82 ug/L	951	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile-d3	44	C2D3N	002206-26-0	3
2			Acetonitrile-d3	44	C2D3N	002206-26-0	3
3			Propane	44	C3H8	000074-98-6	2
4			Carbon dioxide	44	CO2	000124-38-9	2
5			Carbon dioxide	44	CO2	000124-38-9	2



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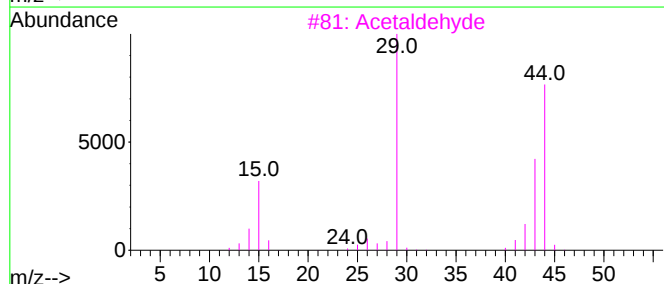
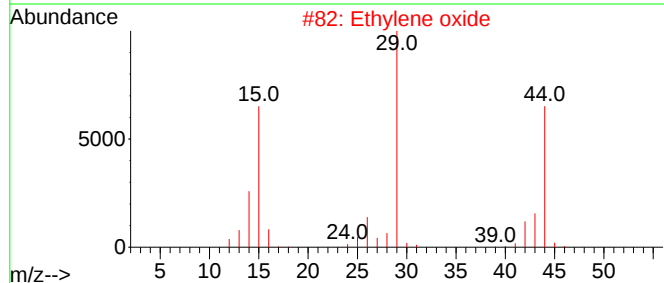
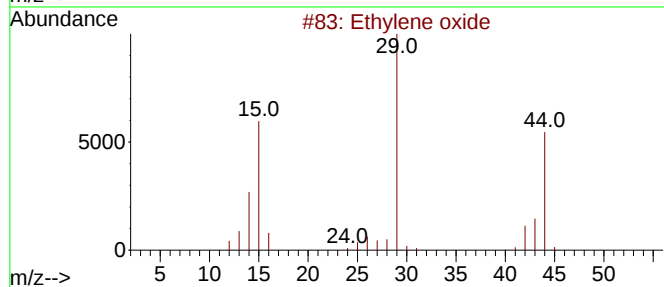
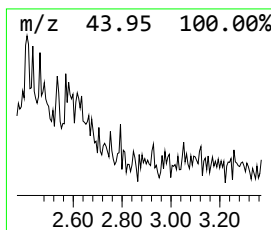
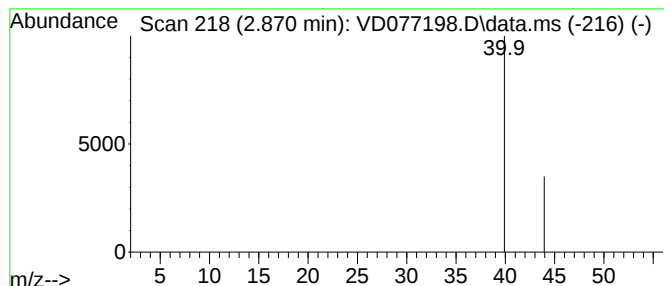
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.870	1.74 ug/L	909	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	2
2			Ethylene oxide	44	C2H4O	000075-21-8	2
3			Acetaldehyde	44	C2H4O	000075-07-0	2
4			Acetaldehyde	44	C2H4O	000075-07-0	2
5			Ethylene oxide	44	C2H4O	000075-21-8	2



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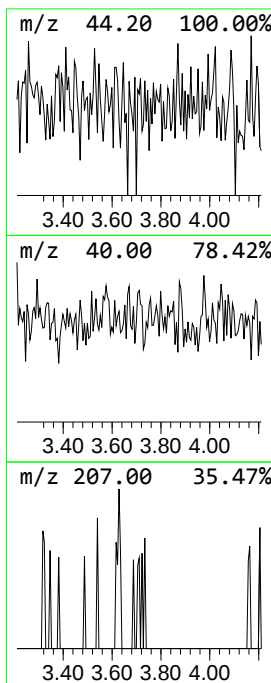
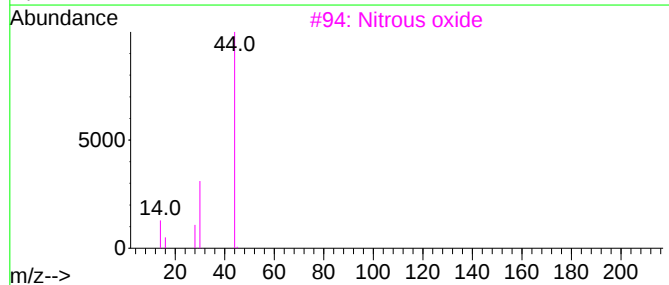
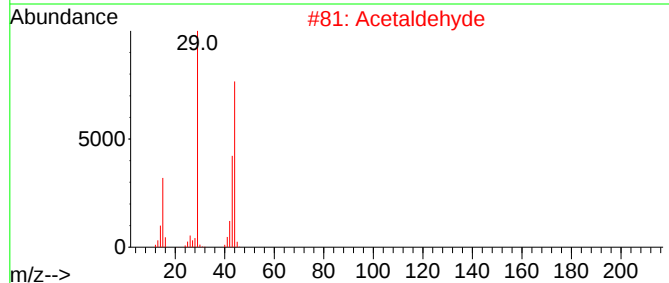
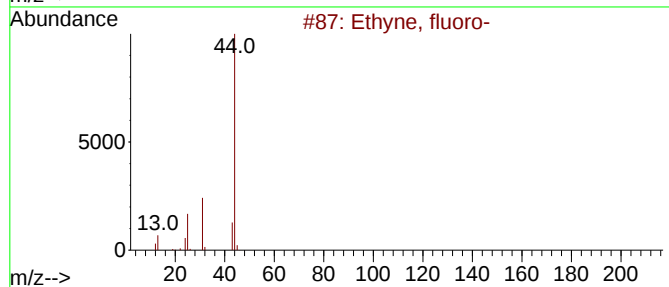
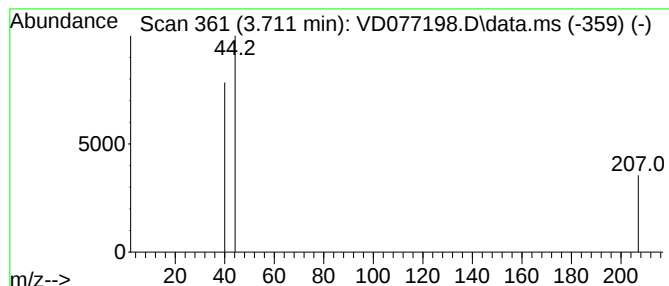
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.711	2.41 ug/L	1263	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyne, fluoro-	44	C2HF	002713-09-9	2
2			Acetaldehyde	44	C2H4O	000075-07-0	2
3			Nitrous oxide	44	N2O	010024-97-2	2
4			Carbon dioxide	44	CO2	000124-38-9	2
5			Acetaldehyde	44	C2H4O	000075-07-0	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

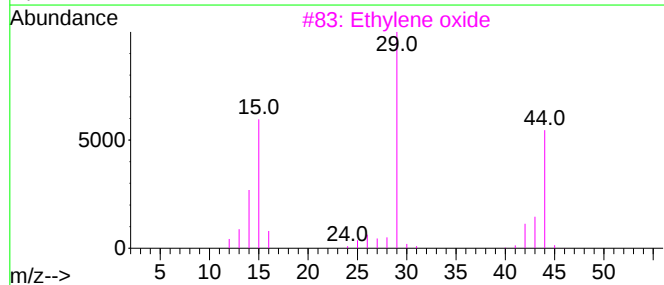
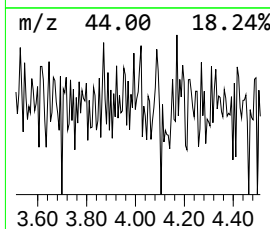
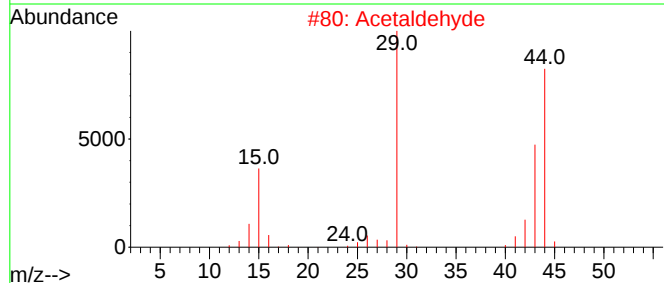
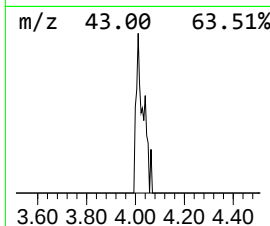
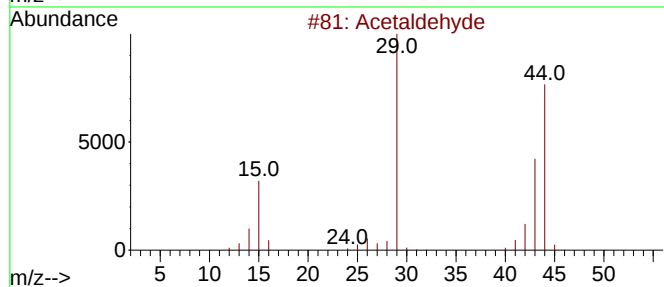
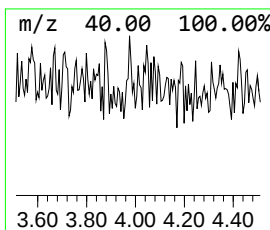
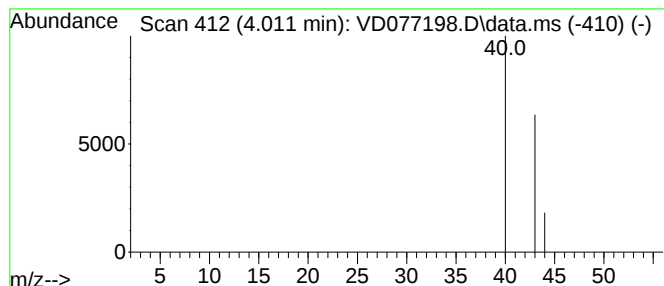
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-05 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.011	1.91 ug/L	998	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	1
2			Acetaldehyde	44	C2H4O	000075-07-0	1
3			Ethylene oxide	44	C2H4O	000075-21-8	1
4			Ethylene oxide	44	C2H4O	000075-21-8	1
5			Propane	44	C3H8	000074-98-6	1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

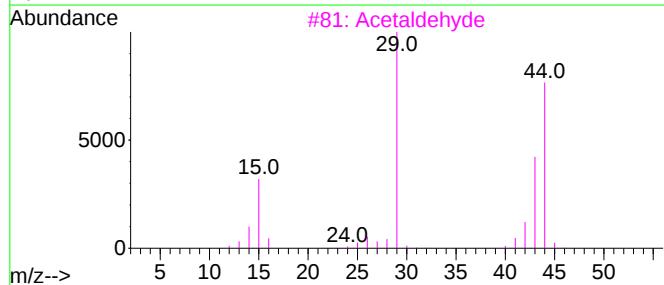
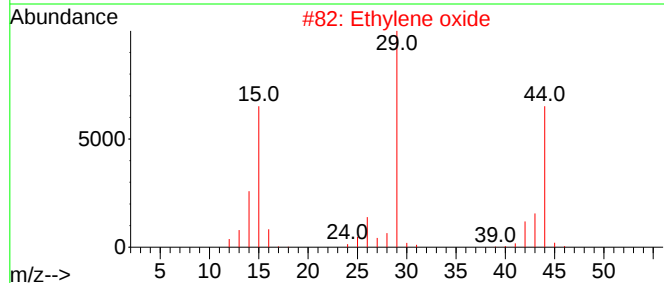
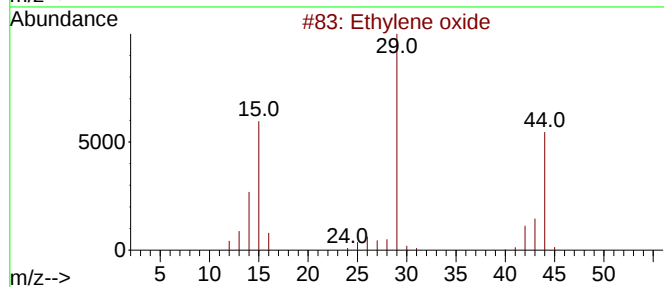
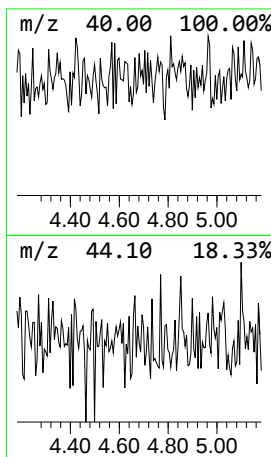
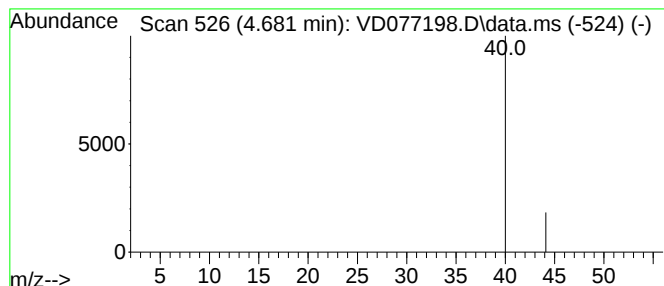
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-06 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.681	1.69 ug/L	886	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	1
2			Ethylene oxide	44	C2H4O	000075-21-8	1
3			Acetaldehyde	44	C2H4O	000075-07-0	1
4			Acetaldehyde	44	C2H4O	000075-07-0	1
5			Ethylene oxide	44	C2H4O	000075-21-8	1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

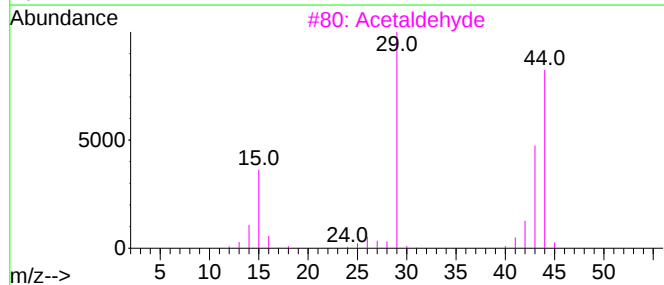
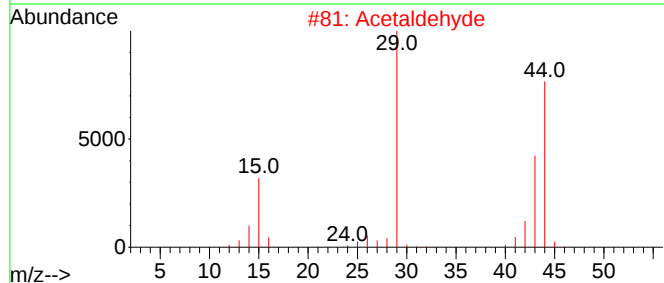
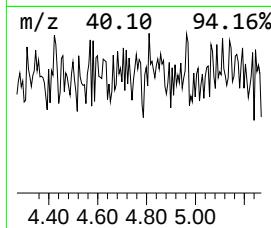
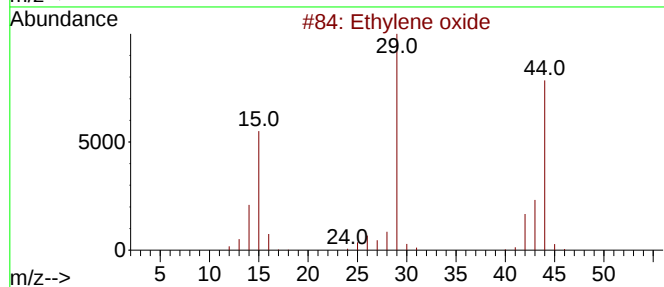
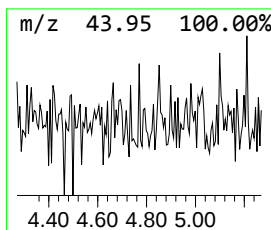
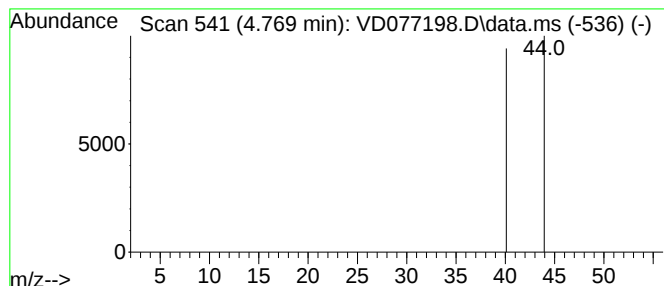
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.769	2.20 ug/L	1150	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	2
2			Acetaldehyde	44	C2H4O	000075-07-0	2
3			Acetaldehyde	44	C2H4O	000075-07-0	2
4			Acetonitrile-d3	44	C2D3N	002206-26-0	2
5			Acetonitrile-d3	44	C2D3N	002206-26-0	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

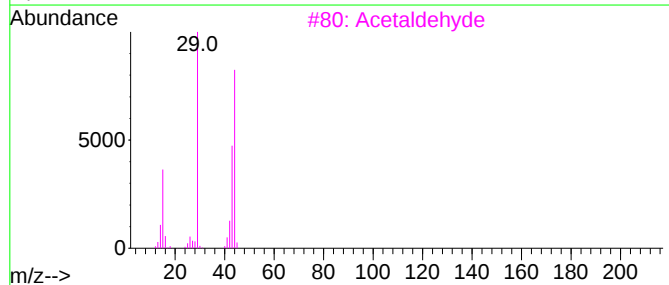
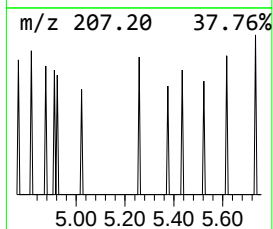
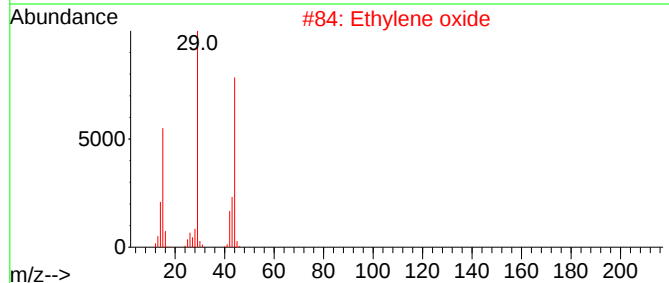
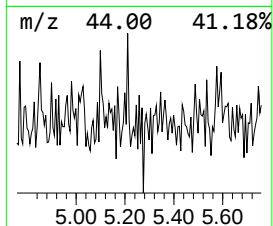
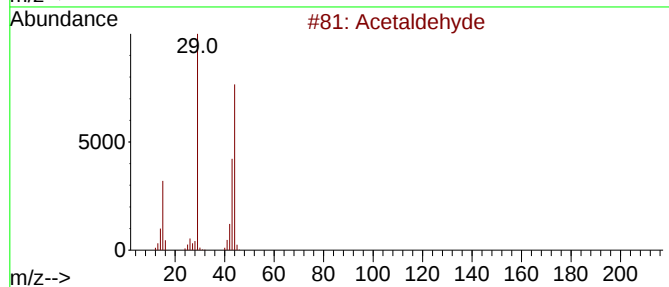
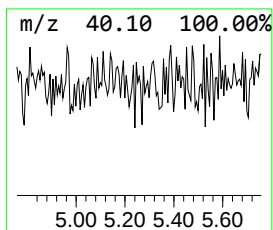
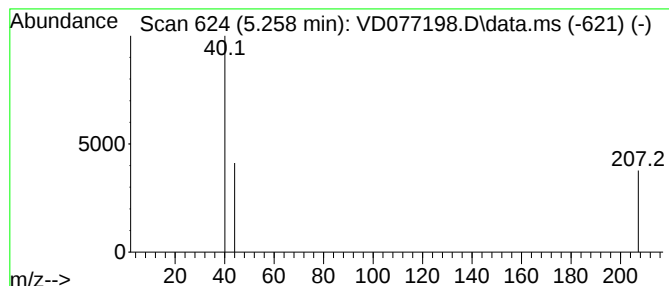
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-08 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.258	1.86 ug/L	975	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	2
2			Ethylene oxide	44	C2H4O	000075-21-8	2
3			Acetaldehyde	44	C2H4O	000075-07-0	2
4			Ethylene oxide	44	C2H4O	000075-21-8	2
5			Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

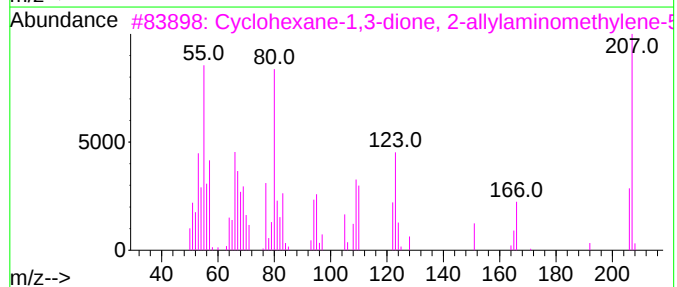
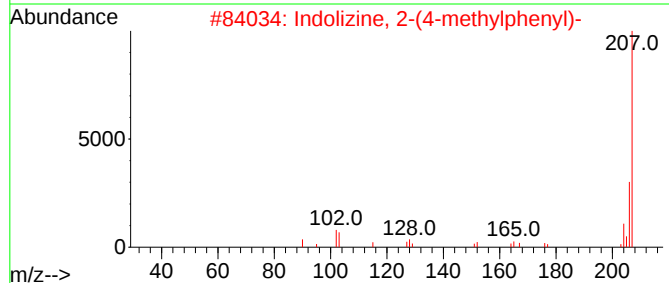
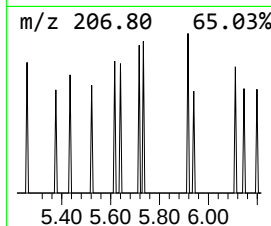
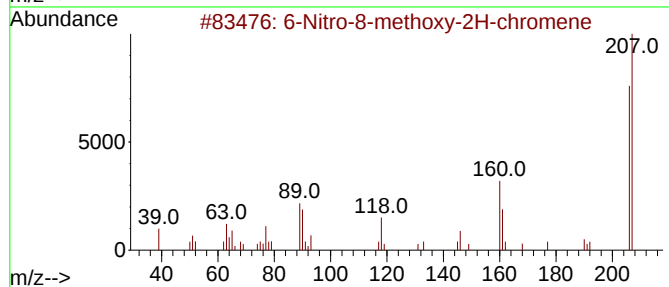
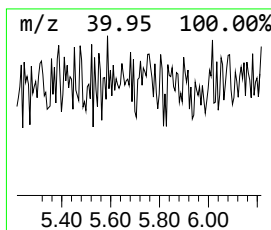
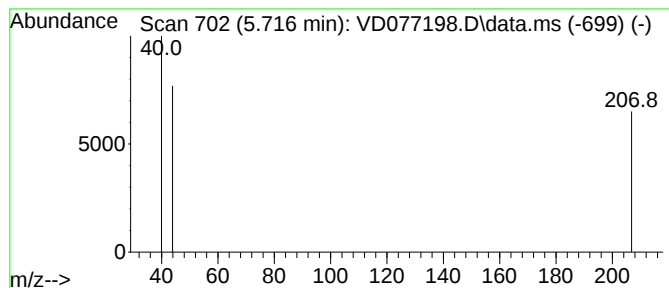
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-09 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.716	1.80 ug/L	942	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
2			Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
3			Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
4			Carbon dioxide	44	CO2	000124-38-9	2
5			Acetaldehyde	44	C2H4O	000075-07-0	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

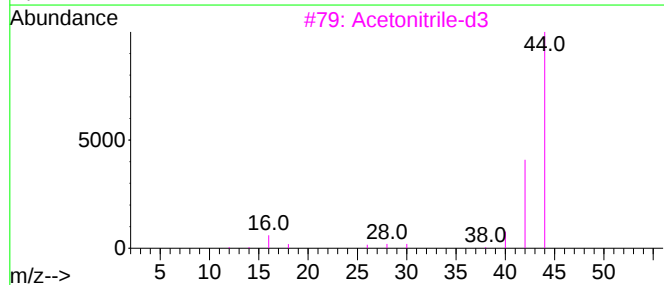
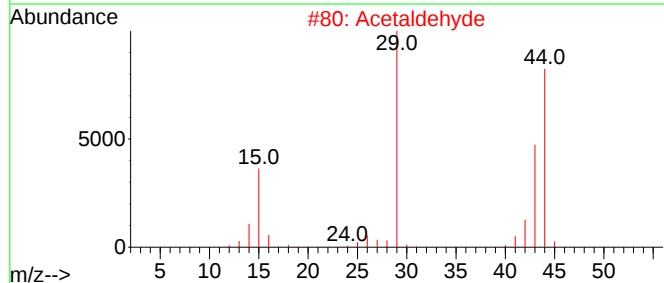
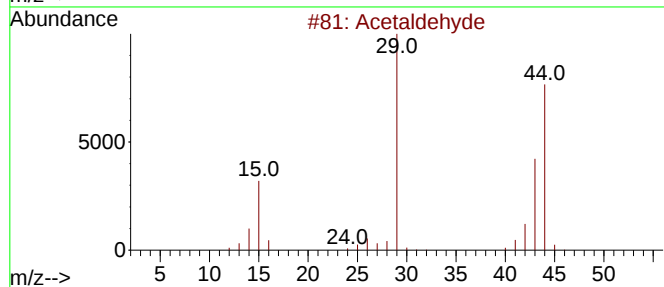
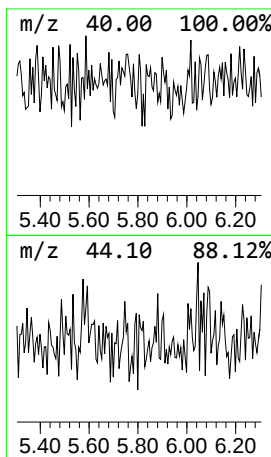
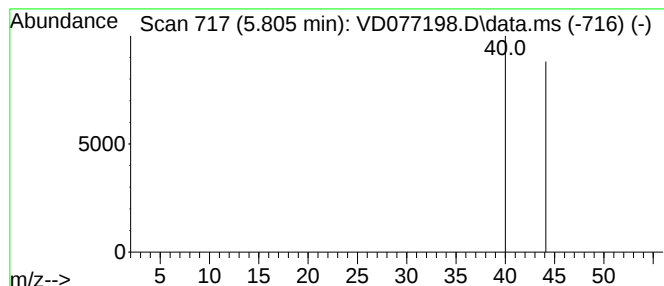
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-10 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.805	1.67 ug/L	872	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	2
2			Acetaldehyde	44	C2H4O	000075-07-0	2
3			Acetonitrile-d3	44	C2D3N	002206-26-0	2
4			Acetonitrile-d3	44	C2D3N	002206-26-0	2
5			Nitrous oxide	44	N2O	010024-97-2	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

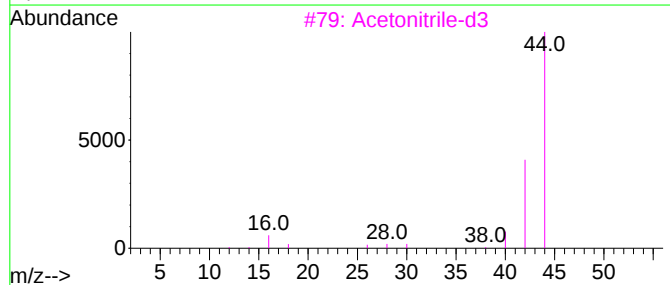
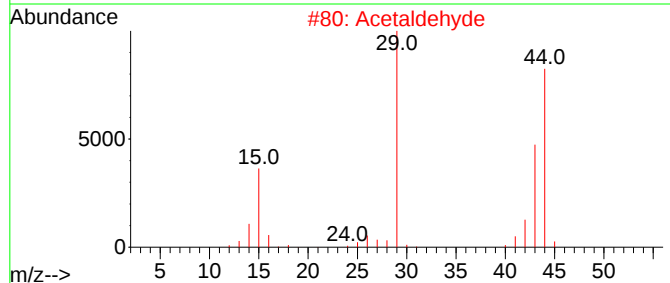
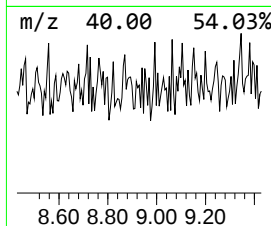
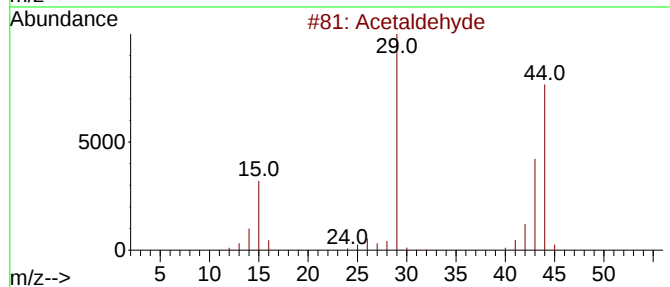
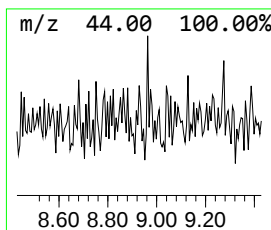
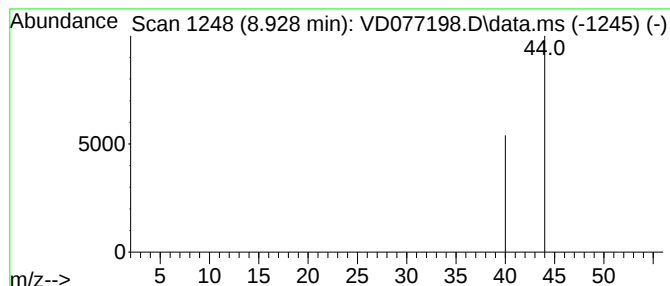
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	2.14 ug/L	1119	1,4-Difluorobenzene	8.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	2
2		Acetaldehyde	44	C2H4O	000075-07-0	2
3		Acetonitrile-d3	44	C2D3N	002206-26-0	2
4		Acetonitrile-d3	44	C2D3N	002206-26-0	2
5		Nitrous oxide	44	N2O	010024-97-2	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

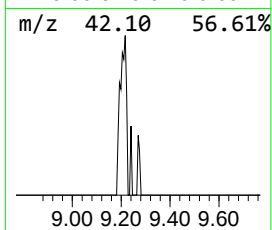
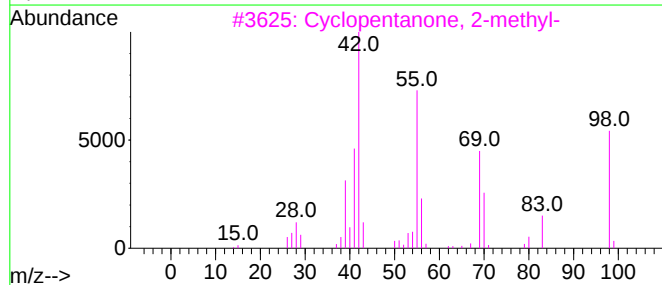
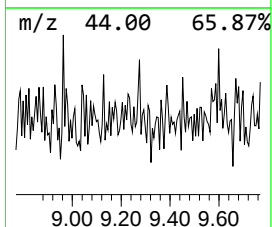
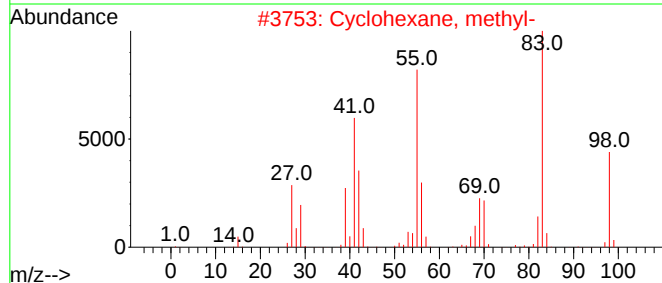
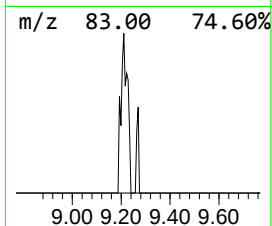
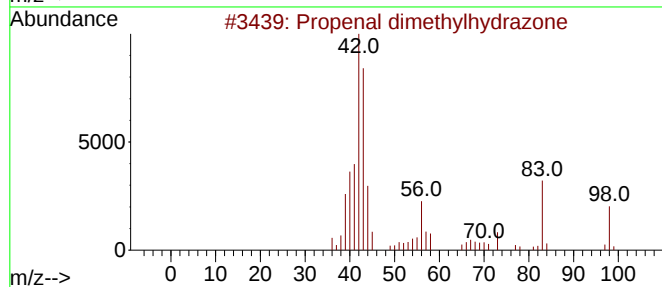
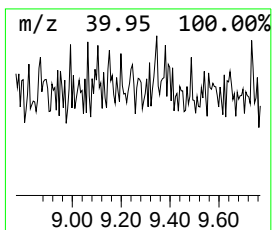
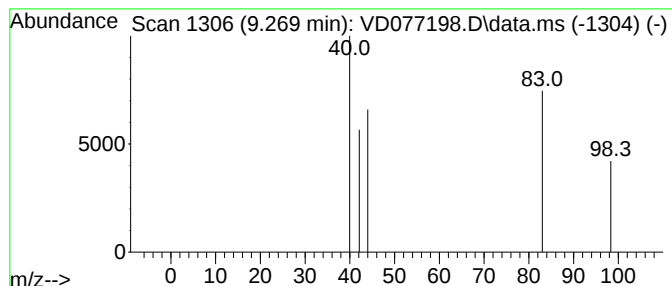
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Quant Title : SFAM01.0

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

Peak Number 13 Propenal dimethylhydrazone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	2.17 ug/L	1139	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propenal dimethylhydrazone	98	C5H10N2	025368-52-9	64
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	5
3			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	5
4			Ethanimidamide, N-cyano-	83	C3H5N3	056563-07-6	5
5			4,4-Dimethyl-2-imidazoline	98	C5H10N2	002305-59-1	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

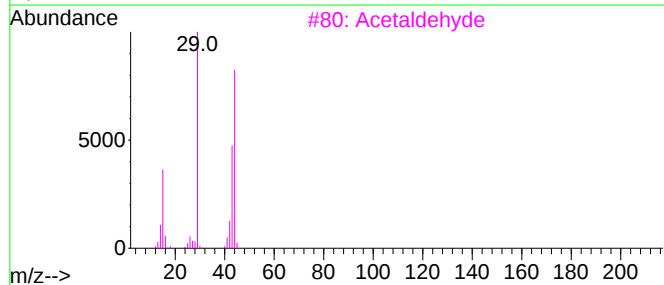
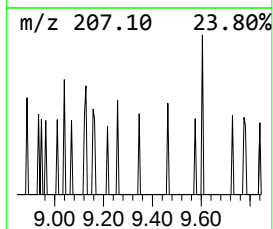
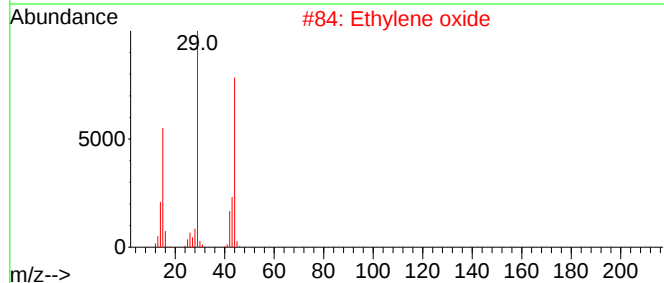
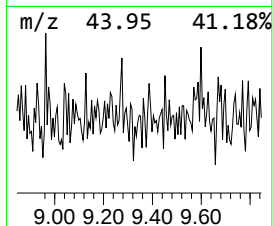
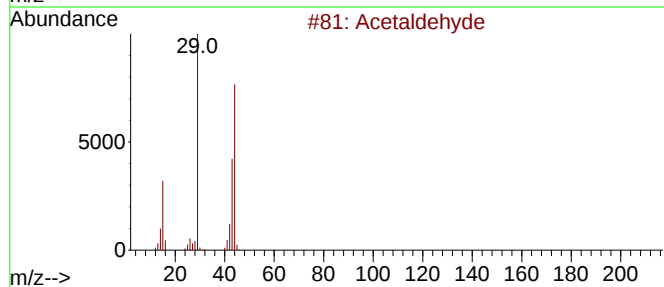
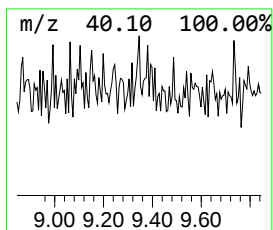
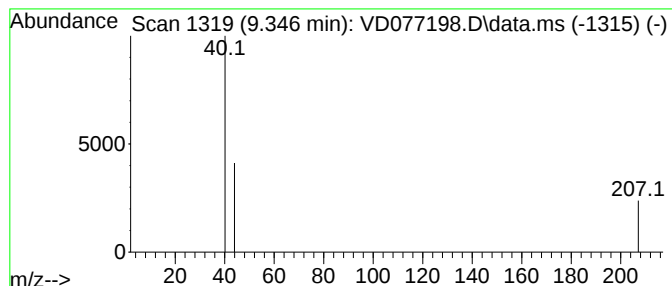
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.346	2.45 ug/L	1281	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	2
2			Ethylene oxide	44	C2H4O	000075-21-8	2
3			Acetaldehyde	44	C2H4O	000075-07-0	2
4			Ethylene oxide	44	C2H4O	000075-21-8	2
5			Ethyl 5-(furan-2-yl)-1,2-oxazole...	207	C10H9NO4	1000411-40-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

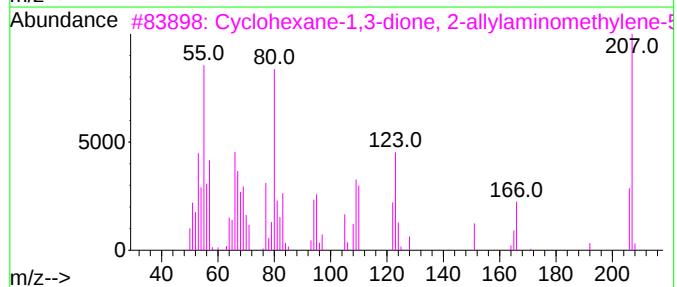
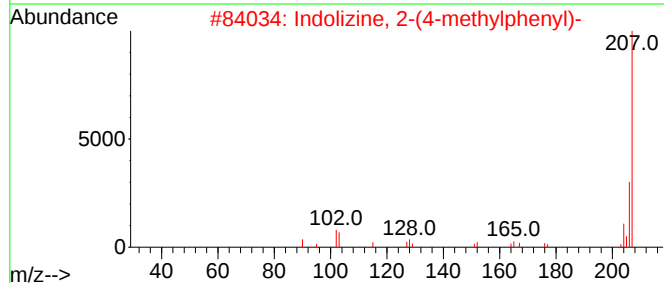
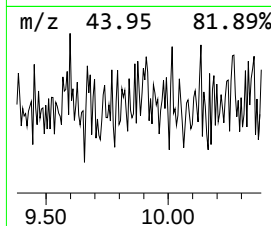
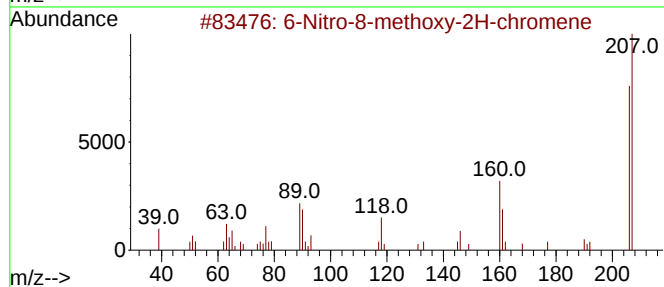
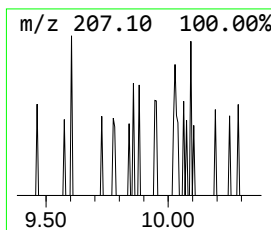
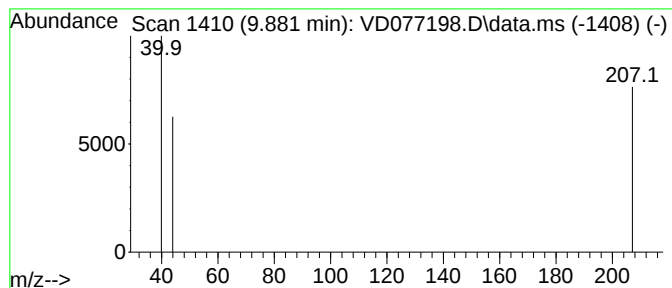
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-13 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.881	1.68 ug/L	880	1,4-Difluorobenzene	8.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
2			Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
3			Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
4			Ethyne, fluoro-	44	C2HF	002713-09-9	2
5			Carbon dioxide	44	CO2	000124-38-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

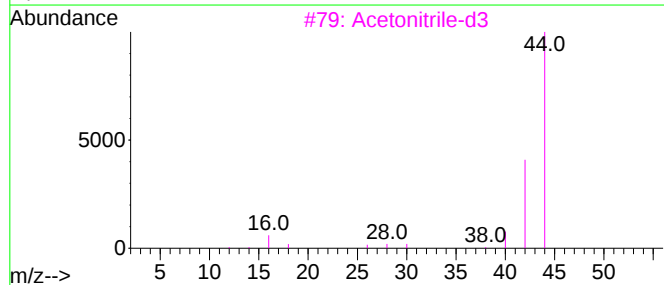
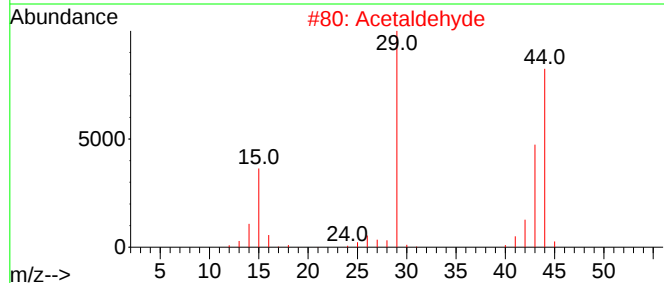
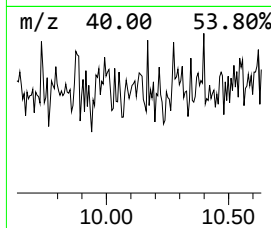
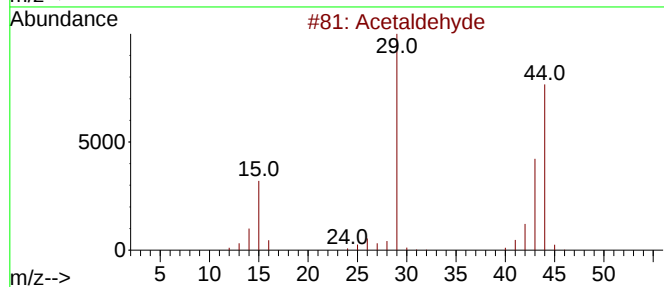
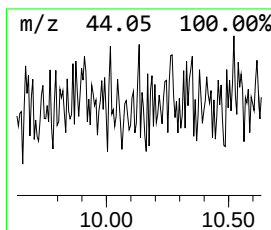
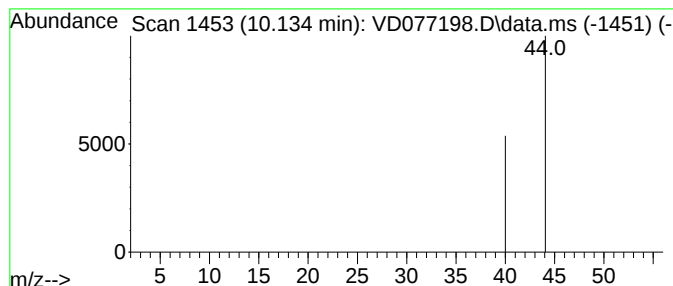
Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 unknown-14 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.134	1.95 ug/L	1020	1,4-Difluorobenzene	8.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetonitrile-d3	44	C2D3N	002206-26-0	2
4	Acetonitrile-d3	44	C2D3N	002206-26-0	2
5	Nitrous oxide	44	N2O	010024-97-2	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

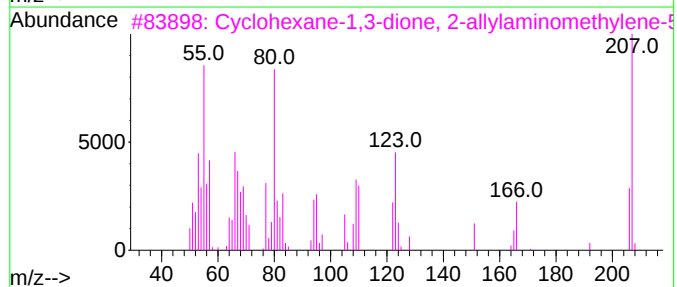
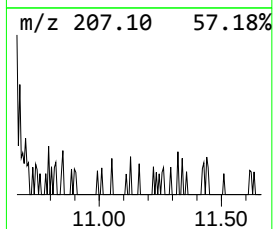
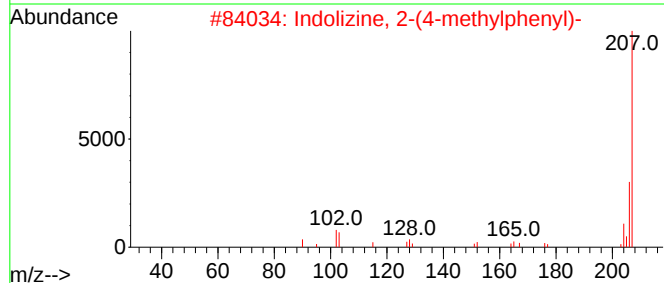
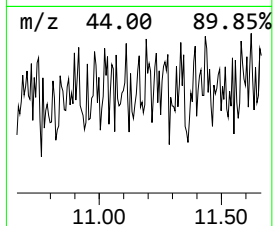
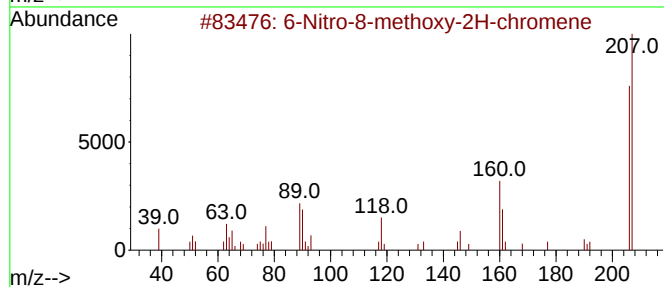
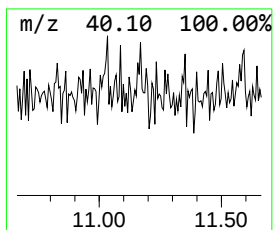
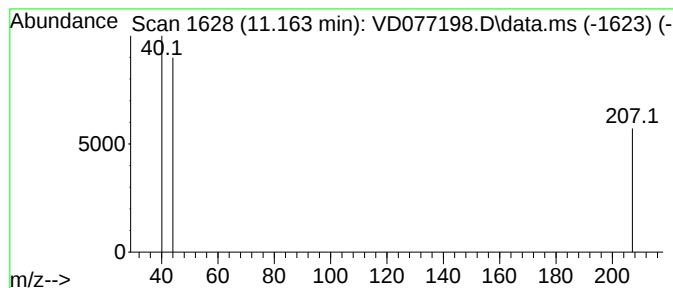
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-15 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	1.88 ug/L	1456	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
2			Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
3			Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
4			Acetaldehyde	44	C2H4O	000075-07-0	2
5			Ethylene oxide	44	C2H4O	000075-21-8	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

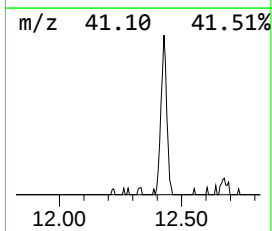
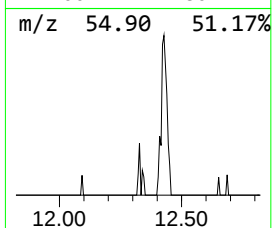
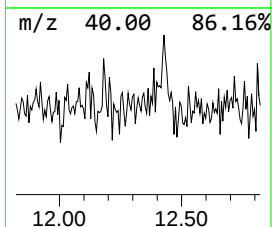
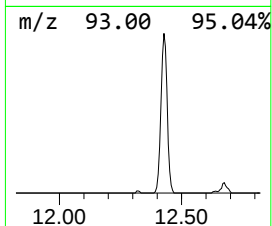
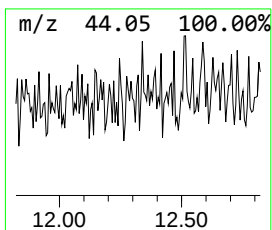
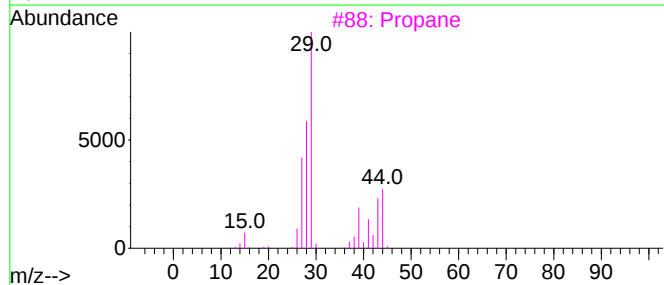
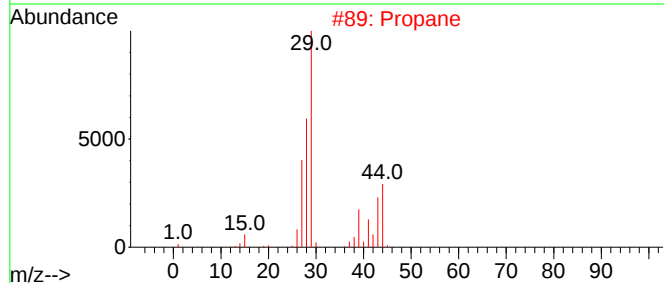
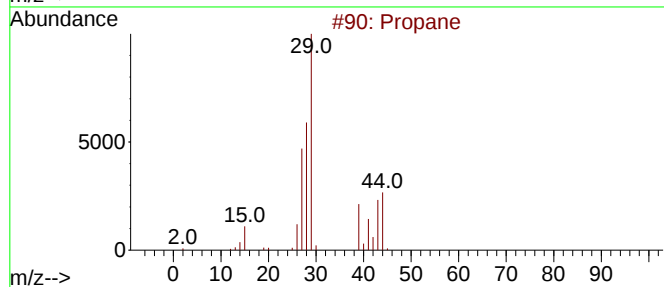
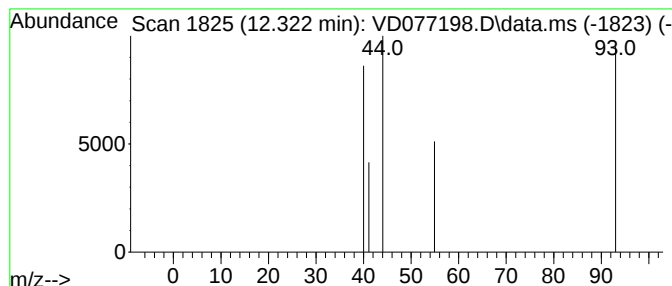
Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.322	2.09 ug/L	1612	Chlorobenzene-d5		11.581	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Propane		44	C3H8	000074-98-6	3
2	Propane		44	C3H8	000074-98-6	3
3	Propane		44	C3H8	000074-98-6	3
4	Nitrous oxide		44	N2O	010024-97-2	2
5	Ethyne, fluoro-		44	C2HF	002713-09-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

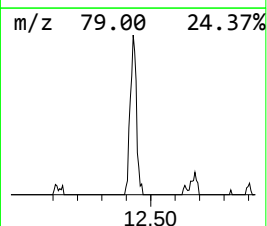
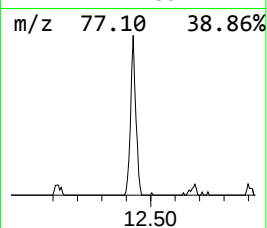
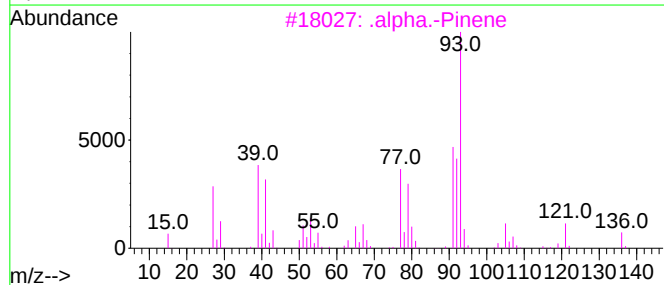
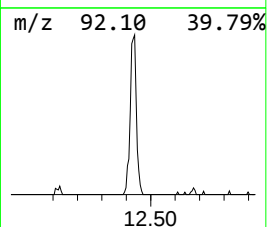
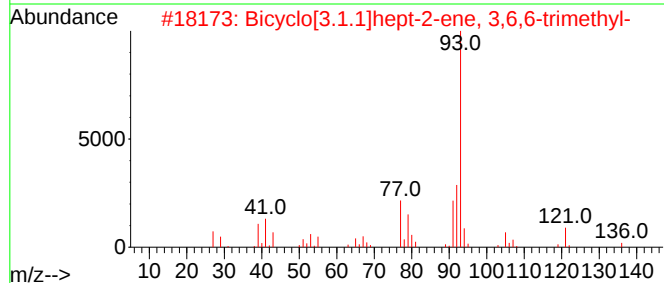
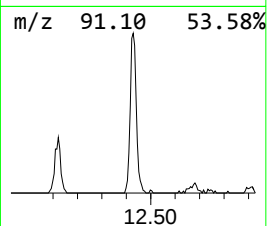
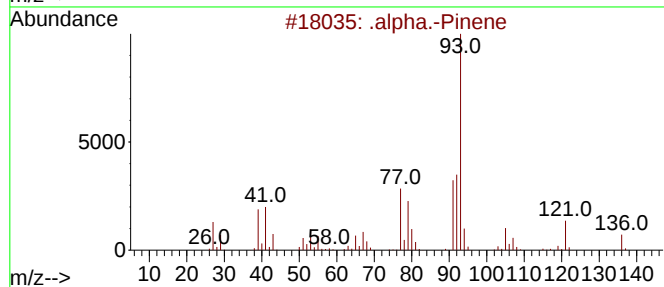
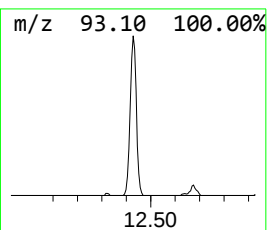
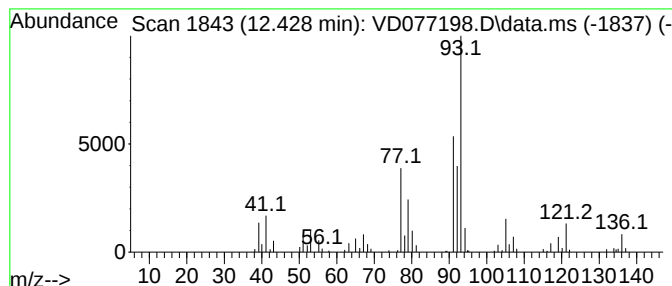
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Quant Title : SFAM01.0

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

Peak Number 20 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	280.80 ug/L	217016	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	93
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	87
5	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

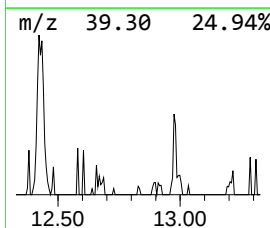
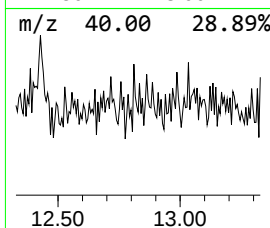
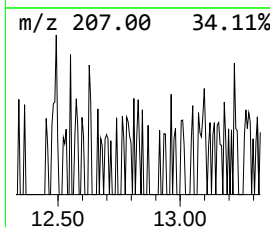
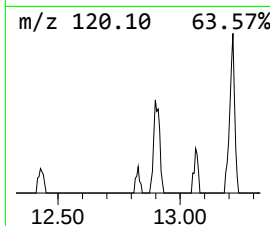
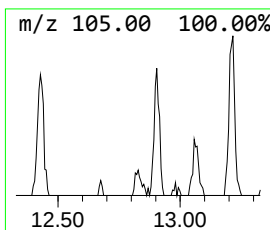
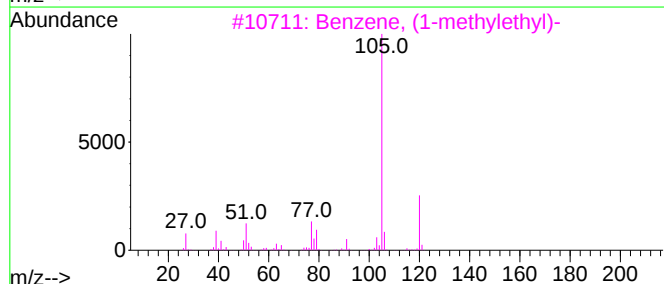
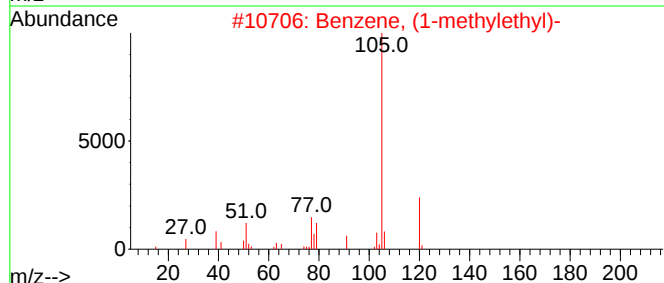
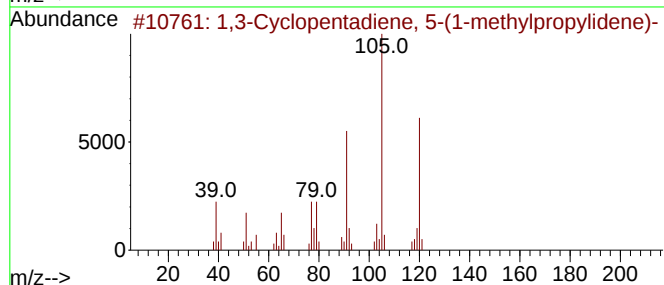
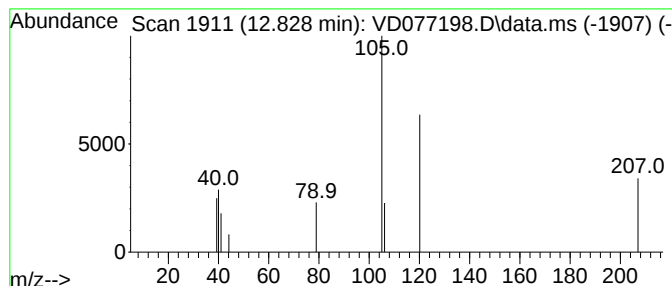
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-16 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	5.80 ug/L	4962	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	9
2			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	7
3			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	7
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	7
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

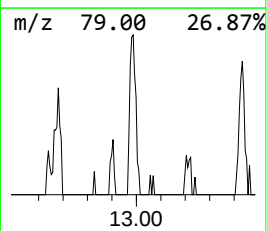
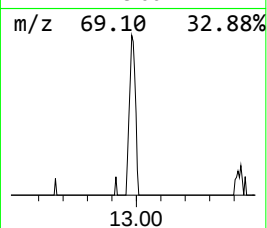
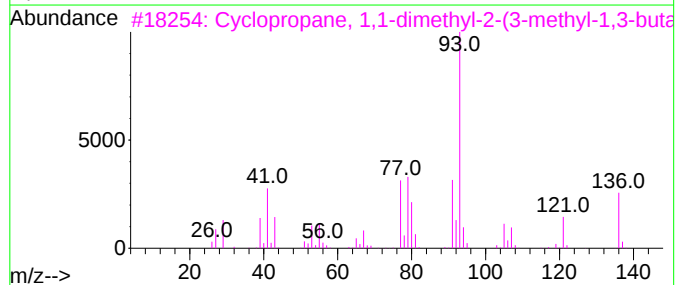
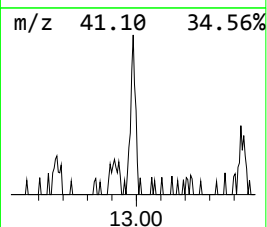
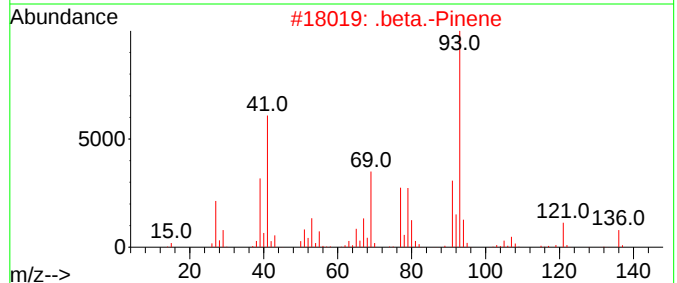
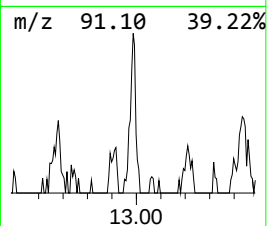
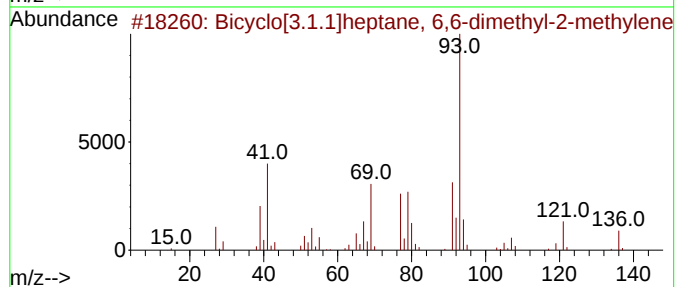
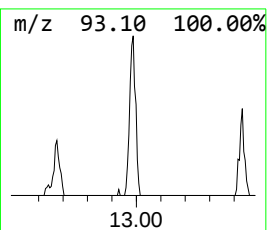
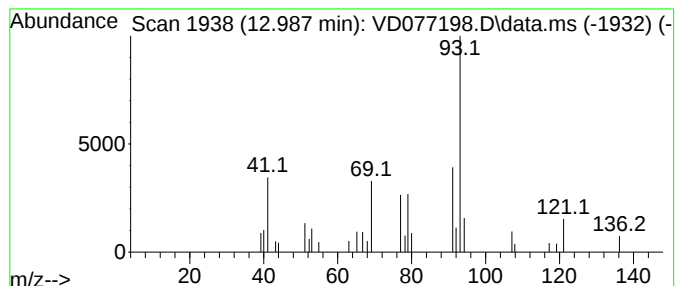
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Quant Title : SFAM01.0

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

Peak Number 22 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	43.83 ug/L	37469	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2			.beta.-Pinene	136	C10H16	000127-91-3	90
3			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	90
4			.beta.-Ocimene	136	C10H16	013877-91-3	87
5			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

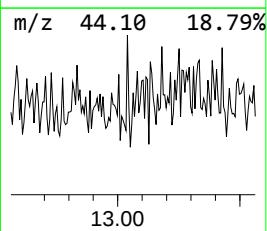
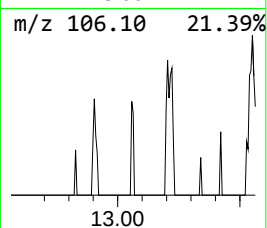
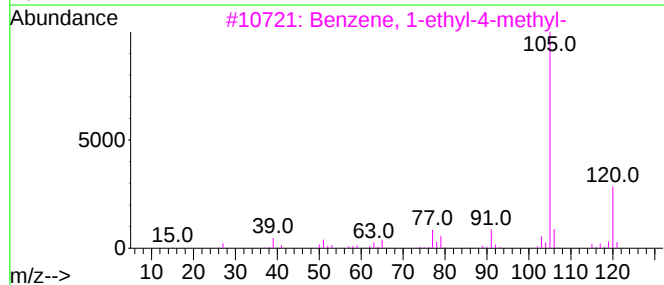
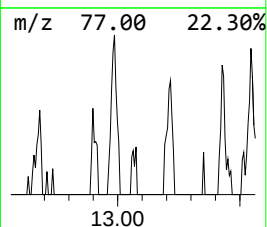
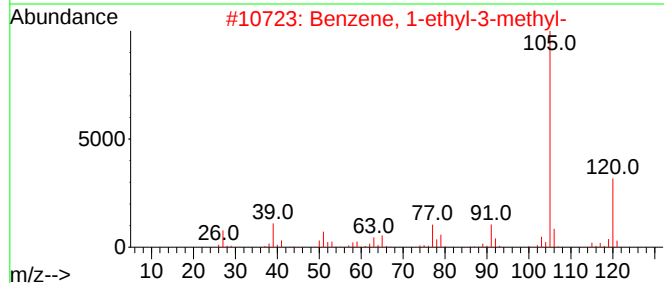
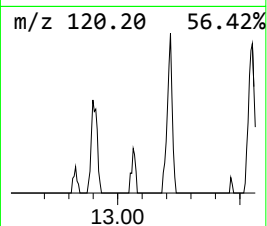
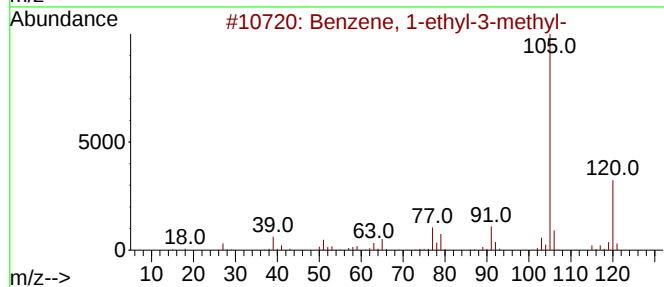
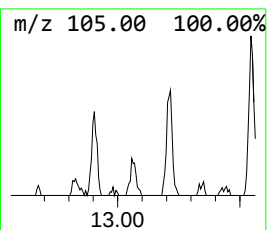
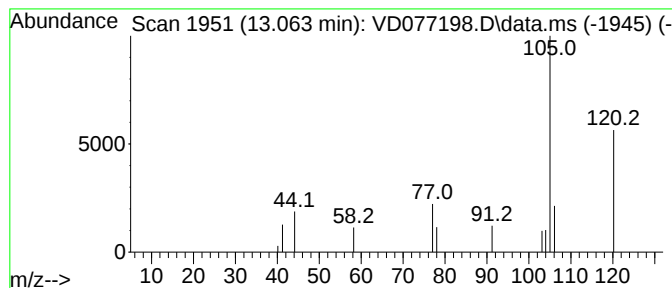
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	9.82 ug/L	8398	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	59
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

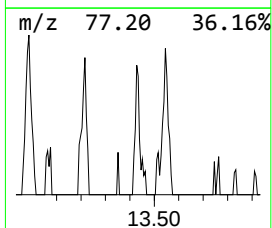
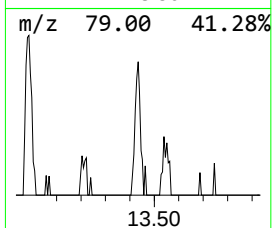
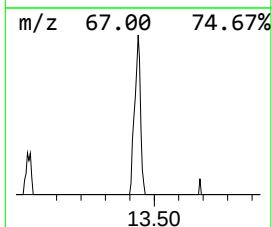
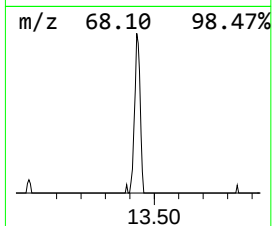
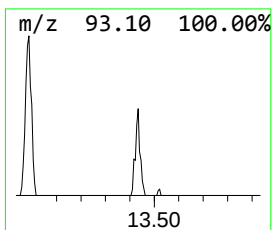
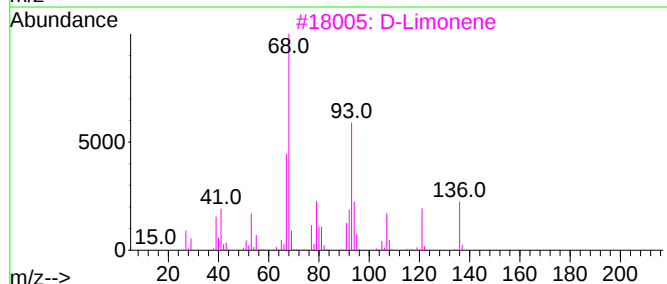
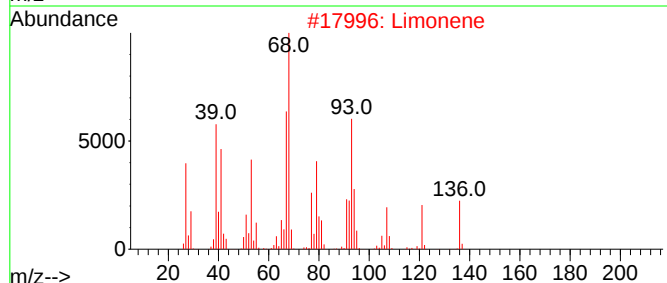
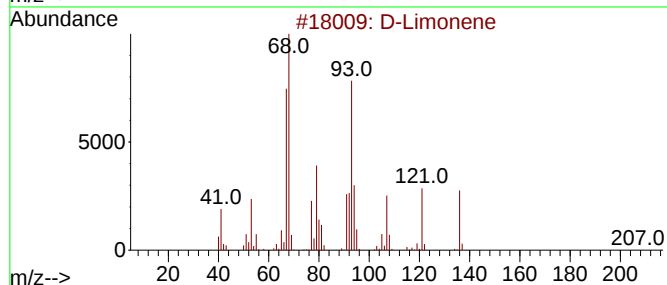
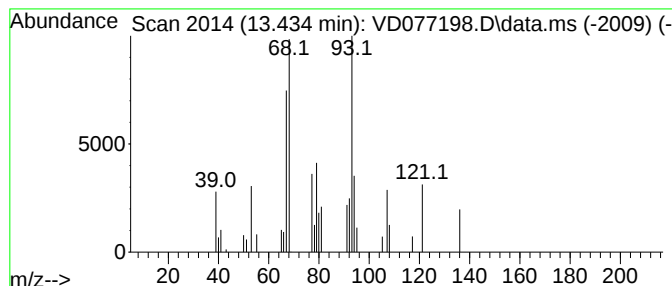
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Quant Title : SFAM01.0

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

Peak Number 24 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	48.05 ug/L	41075	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	95
2			Limonene	136	C10H16	000138-86-3	95
3			D-Limonene	136	C10H16	005989-27-5	94
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	94
5			Limonene	136	C10H16	000138-86-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

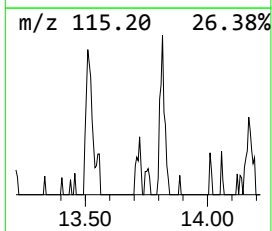
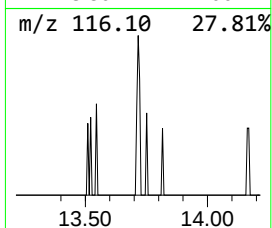
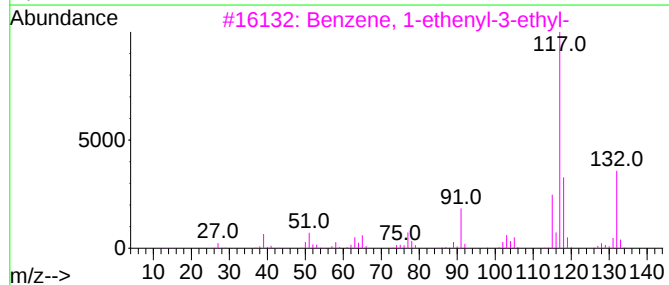
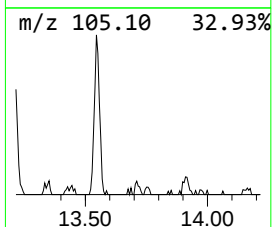
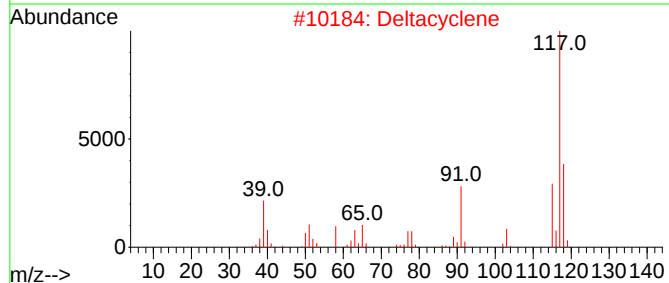
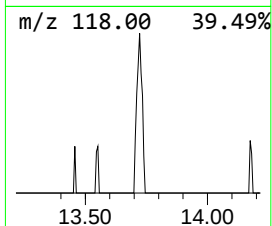
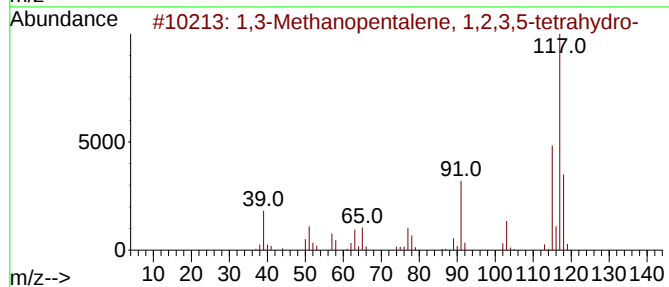
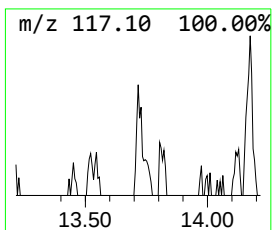
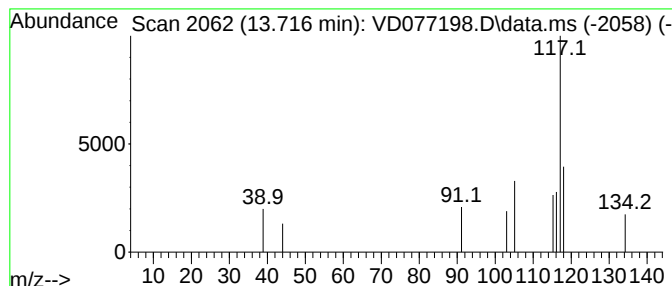
Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 unknown-17 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.716	6.69 ug/L	5720	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9
2	Deltacyclene	118	C9H10	007785-10-6	9
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	9
4	Benzyl nitrile	117	C8H7N	000140-29-4	5
5	Indane	118	C9H10	000496-11-7	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

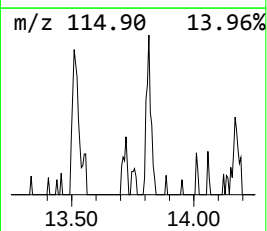
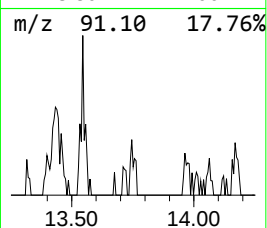
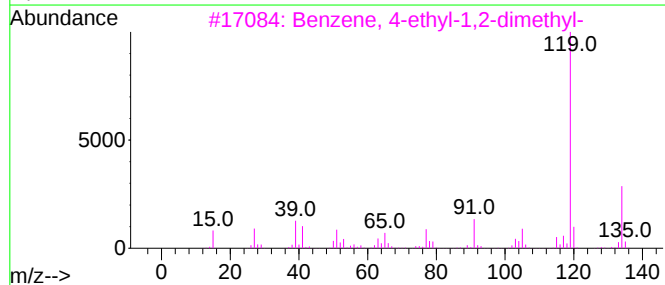
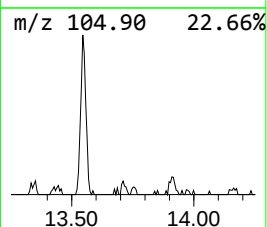
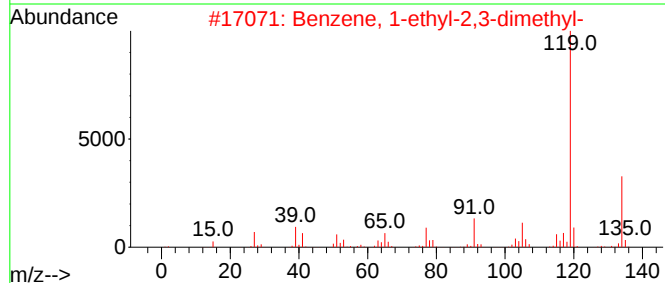
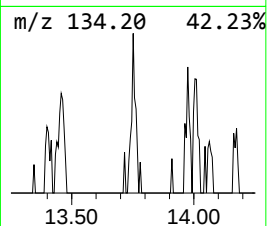
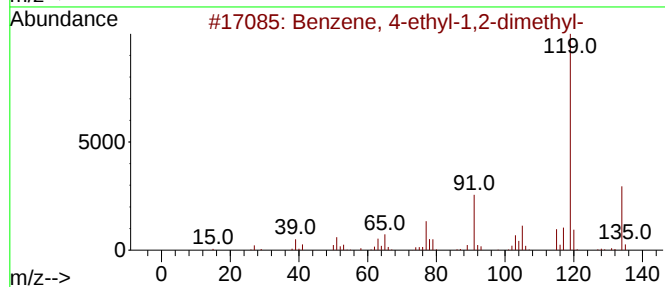
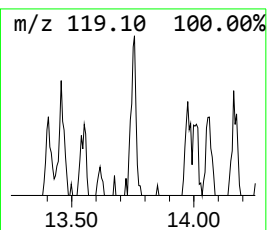
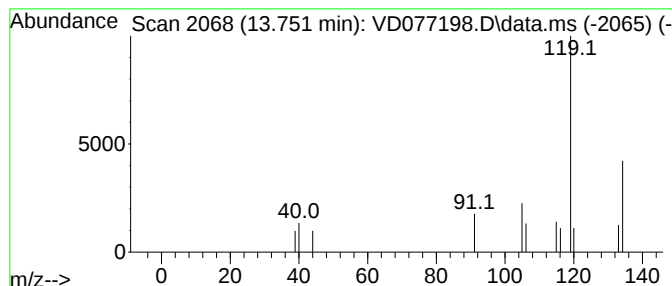
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	9.60 ug/L	8208	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	45
4		o-Cymene	134	C10H14	000527-84-4	42
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

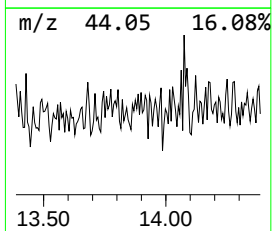
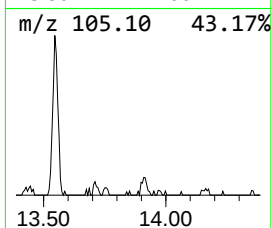
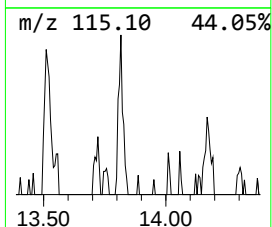
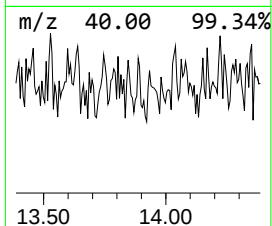
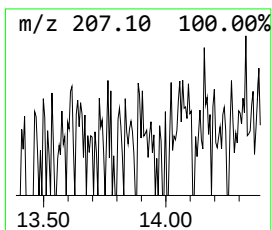
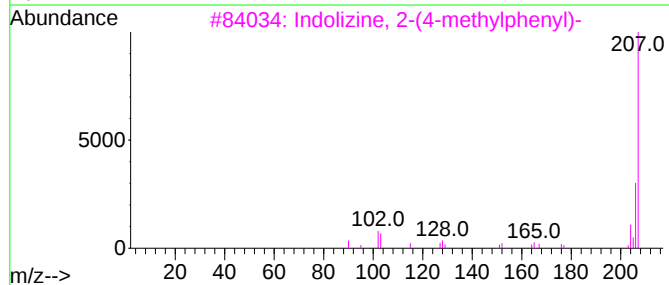
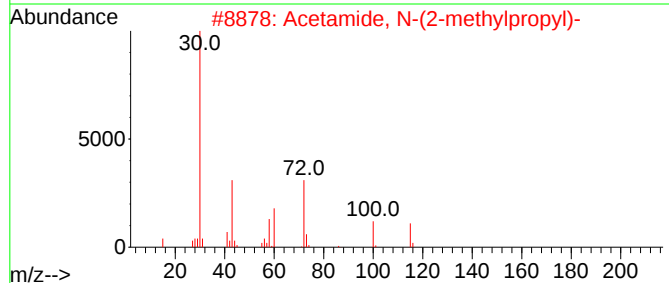
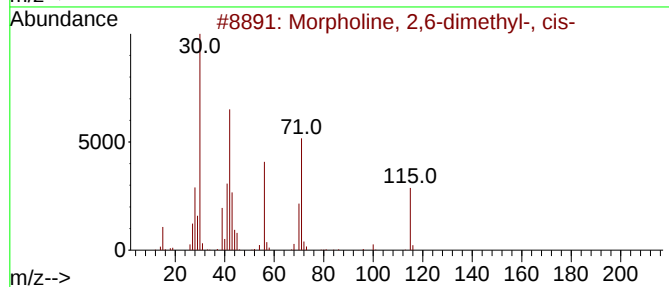
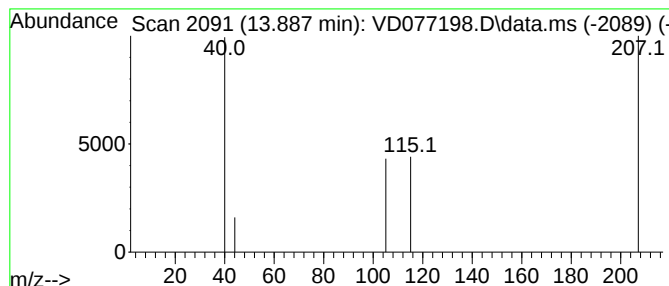
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-18 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	2.02 ug/L	1726	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Morpholine, 2,6-dimethyl-, cis-	115	C6H13NO	006485-55-8	3
2		Acetamide, N-(2-methylpropyl)-	115	C6H13NO	001540-94-9	3
3		Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
4		6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
5		Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

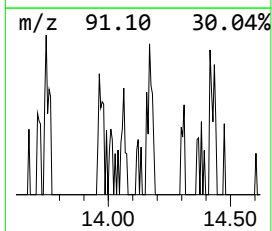
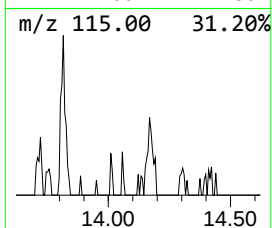
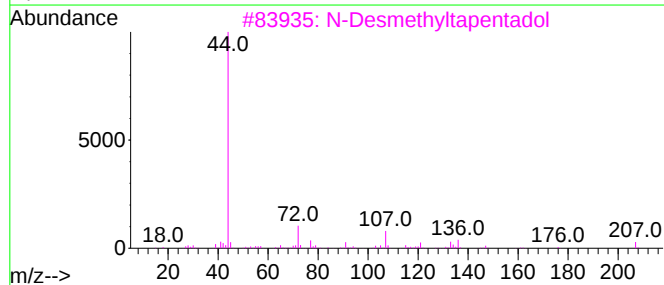
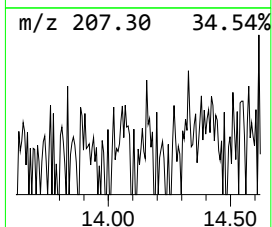
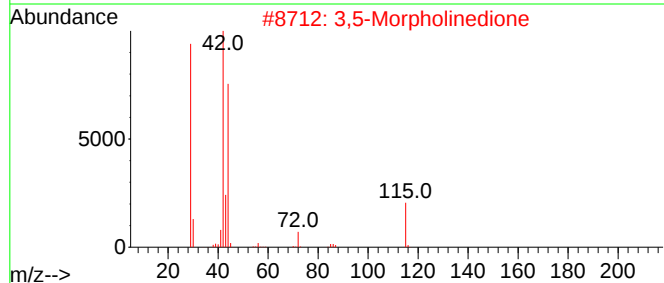
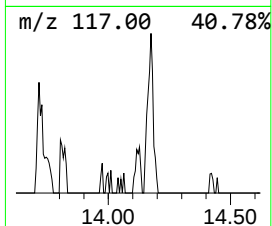
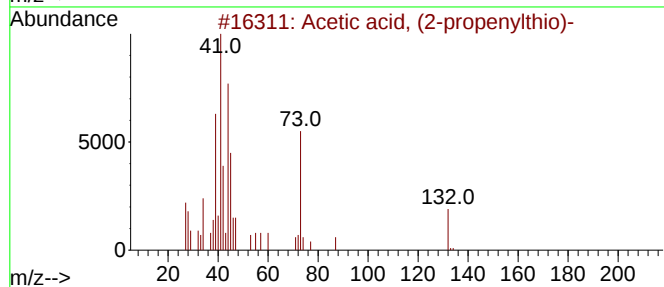
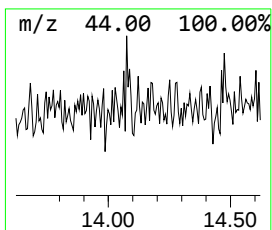
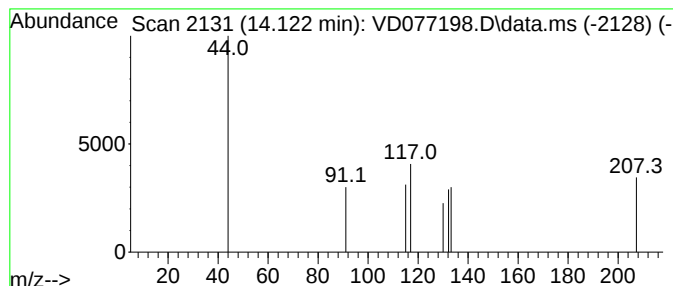
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-19

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.122	1.97 ug/L	1683	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, (2-propenylthio)-	132	C5H8O2S	020600-63-9	4
2			3,5-Morpholinedione	115	C4H5NO3	004430-05-1	4
3			N-Desmethyltapentadol	207	C13H21NO	1246819-18-0	4
4			Aziridine, 1-(phenylmethyl)-	133	C9H11N	001074-42-6	4
5			2-Phenylethanamidine	134	C8H10N2	005504-24-5	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

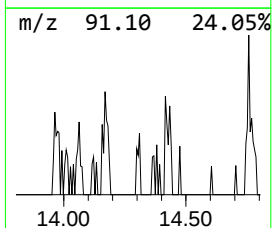
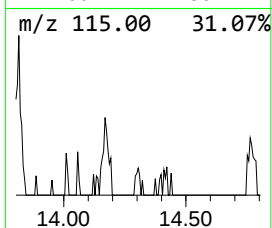
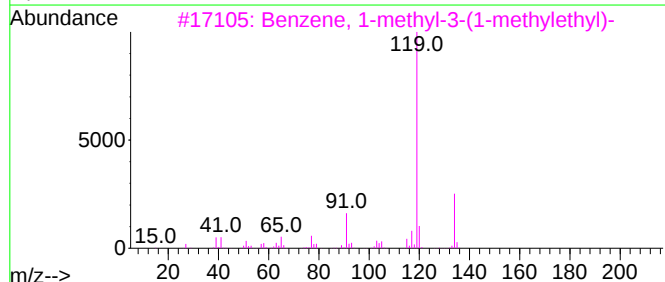
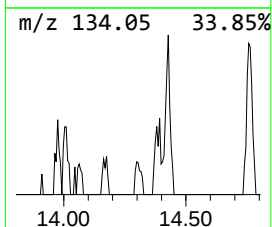
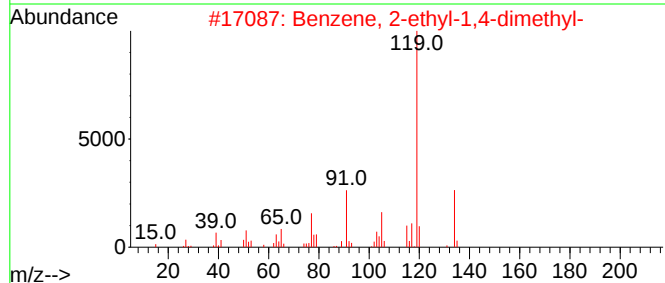
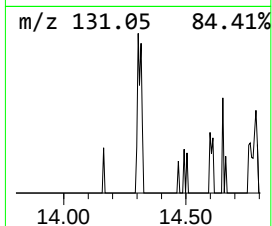
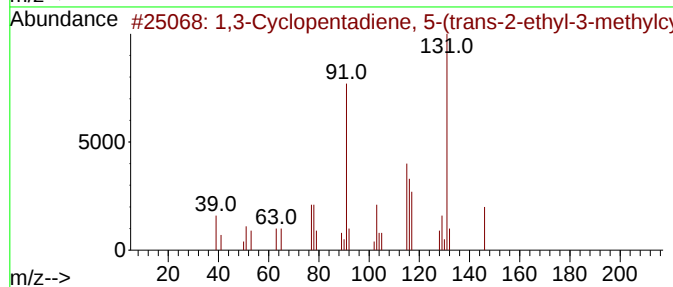
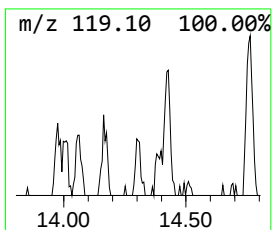
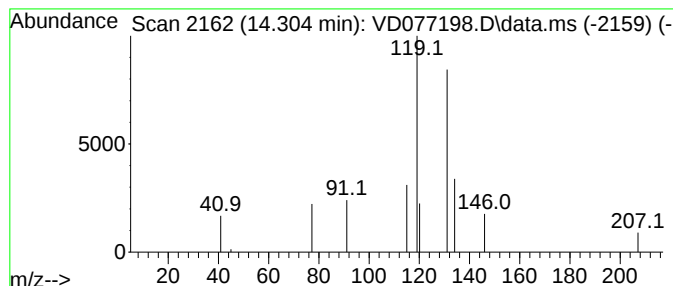
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Quant Title : SFAM01.0

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

Peak Number 30 unknown-20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	4.49 ug/L	3836	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	35
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	9
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	9
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	9
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

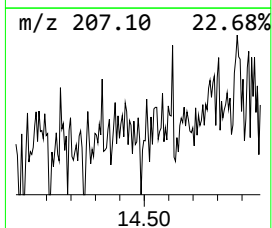
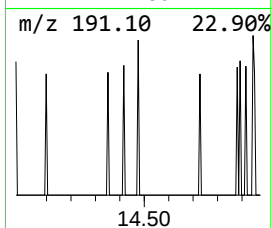
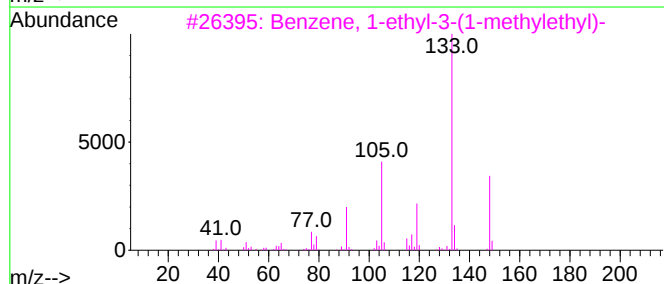
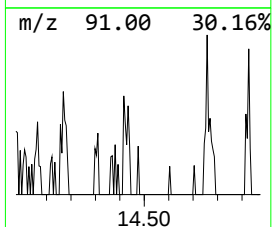
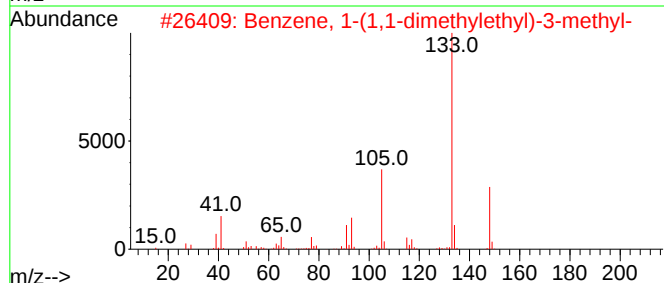
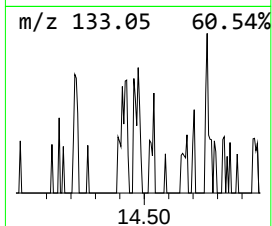
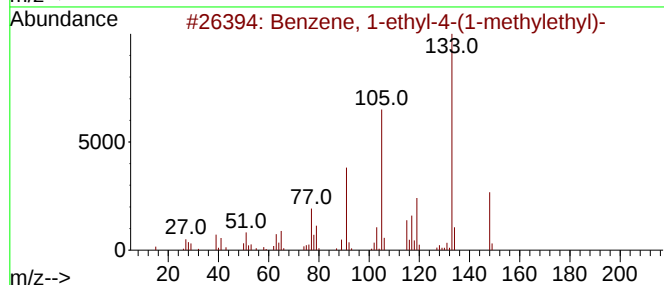
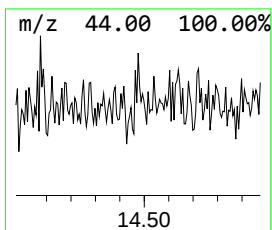
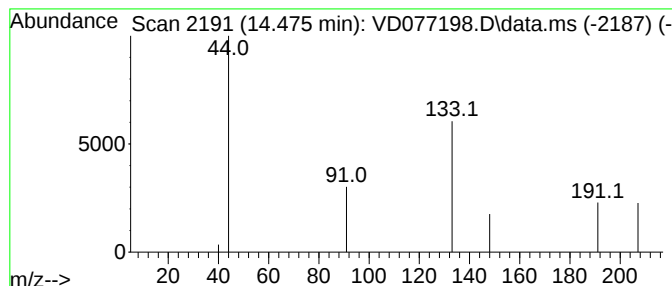
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Quant Title : SFAM01.0

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

Peak Number 31 unknown-21 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.475	2.52 ug/L	2158	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	9
2			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	5
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	5
4			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	5
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

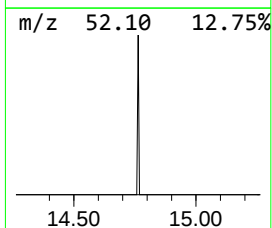
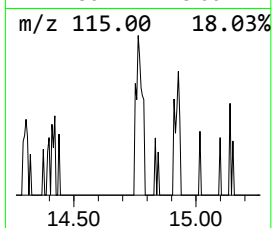
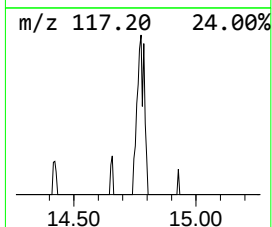
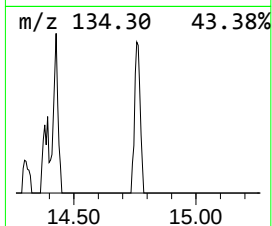
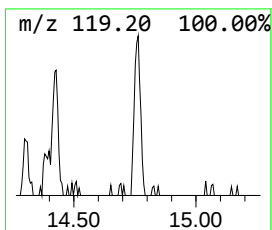
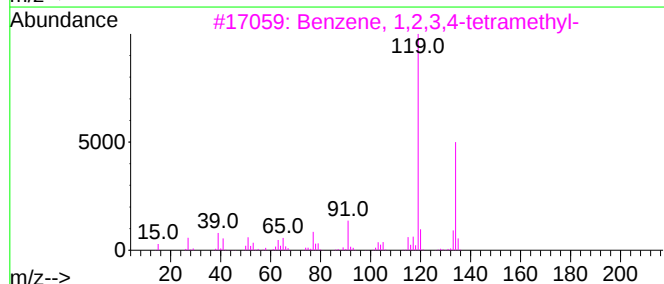
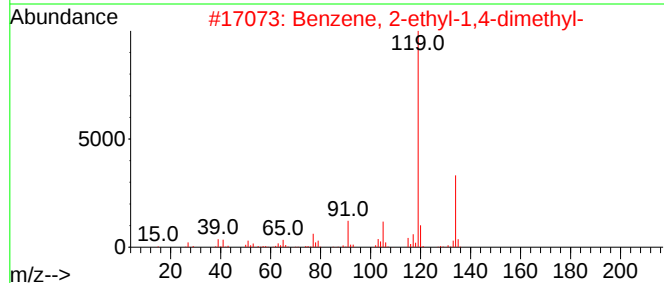
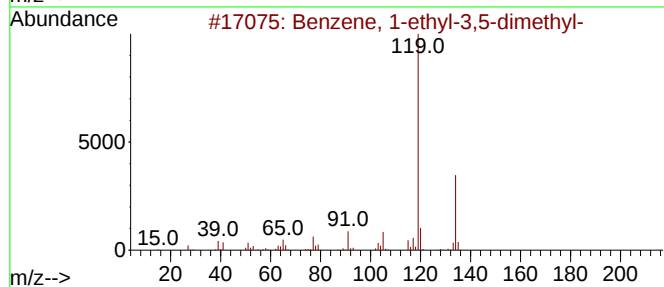
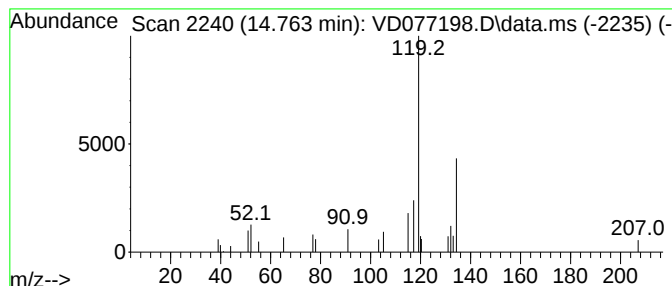
Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.763	21.50 ug/L	18380	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	72
2	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	72
3	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	64
4	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	64
5	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

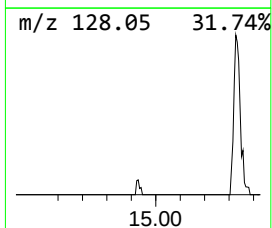
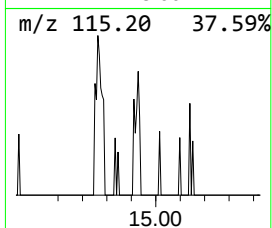
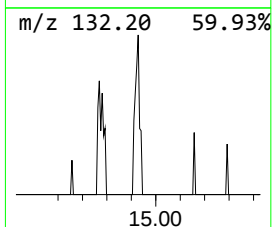
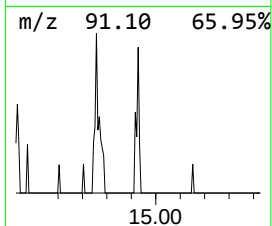
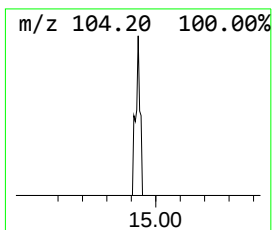
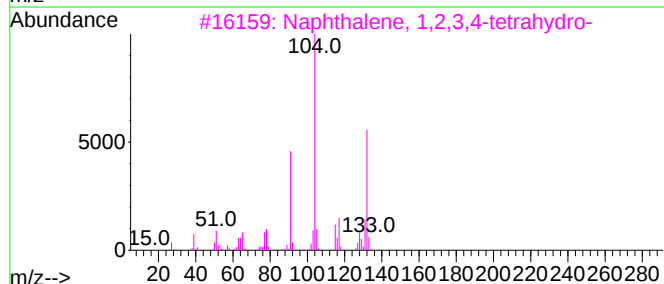
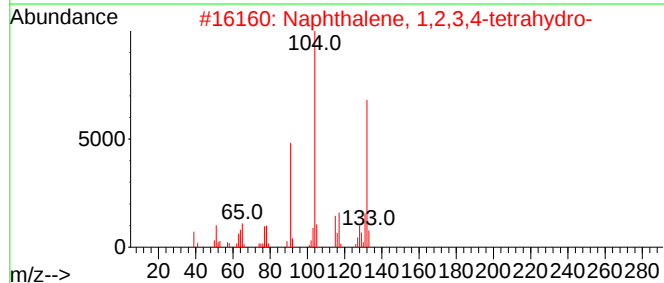
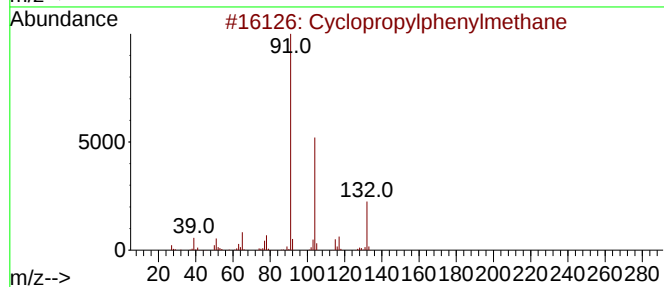
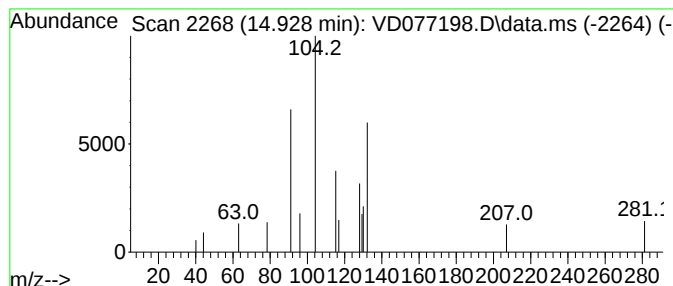
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	9.95 ug/L	8504	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropylphenylmethane	132	C10H12	001667-00-1	49
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	47
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	47
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	47
5			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03RE
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYH0RE

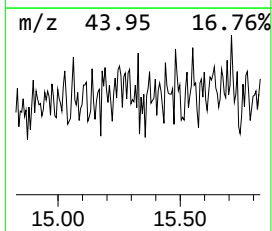
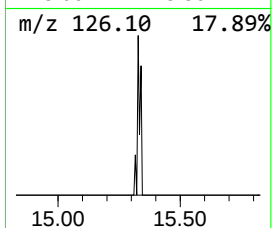
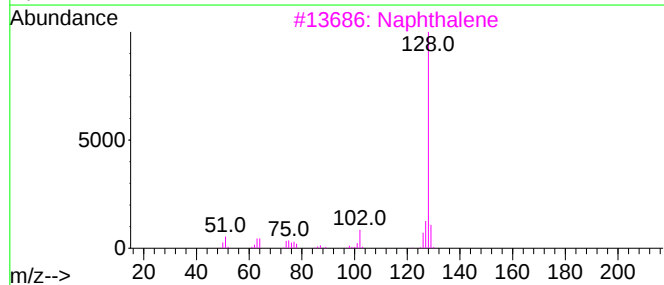
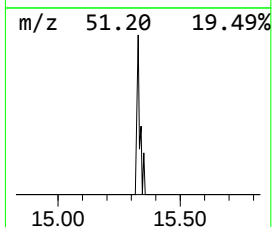
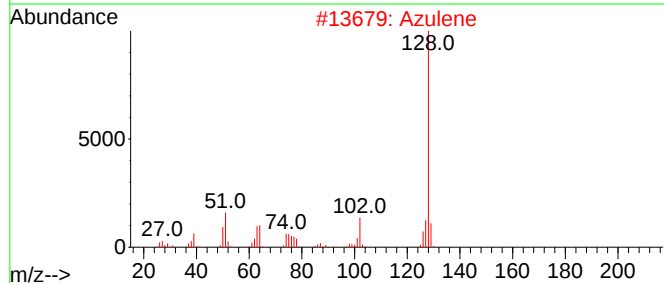
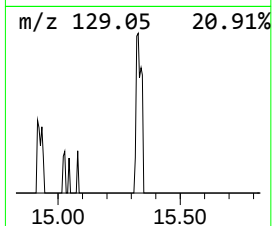
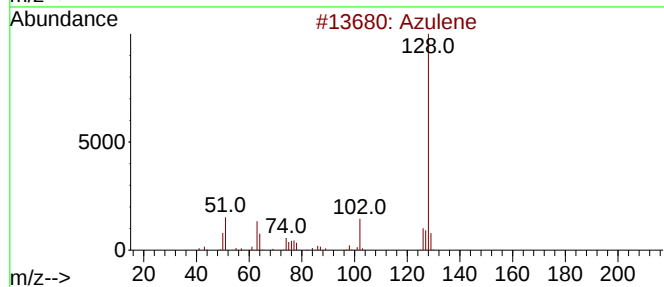
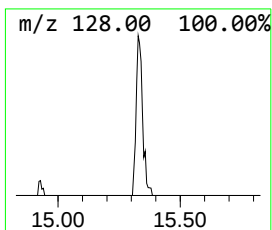
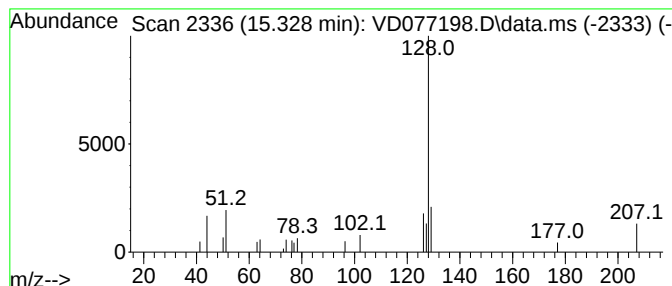
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

Peak Number 34 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	16.67 ug/L	14250	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	59
2			Azulene	128	C10H8	000275-51-4	59
3			Naphthalene	128	C10H8	000091-20-3	53
4			Naphthalene	128	C10H8	000091-20-3	53
5			Azulene	128	C10H8	000275-51-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077198.D
 Acq On : 22 Sep 2023 13:46
 Operator : JC/SY
 Sample : 04527-03RE
 Misc : 5.92G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYH0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.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	2.111	2.5	ug/L	1317	1	8.769	13092	25.0
unknown-02	2.140	1.8	ug/L	951	1	8.769	13092	25.0
unknown-03	2.870	1.7	ug/L	909	1	8.769	13092	25.0
unknown-04	3.711	2.4	ug/L	1263	1	8.769	13092	25.0
unknown-05	4.011	1.9	ug/L	998	1	8.769	13092	25.0
unknown-06	4.681	1.7	ug/L	886	1	8.769	13092	25.0
unknown-07	4.769	2.2	ug/L	1150	1	8.769	13092	25.0
unknown-08	5.258	1.9	ug/L	975	1	8.769	13092	25.0
unknown-09	5.716	1.8	ug/L	942	1	8.769	13092	25.0
unknown-10	5.805	1.7	ug/L	872	1	8.769	13092	25.0
unknown-11	8.928	2.1	ug/L	1119	1	8.769	13092	25.0
Propenal dimeth...	9.269	2.2	ug/L	1139	1	8.769	13092	25.0
unknown-12	9.346	2.5	ug/L	1281	1	8.769	13092	25.0
unknown-13	9.881	1.7	ug/L	880	1	8.769	13092	25.0
unknown-14	10.134	2.0	ug/L	1020	1	8.769	13092	25.0
unknown-15	11.163	1.9	ug/L	1456	2	11.581	19321	25.0
(DEL) Alkane: S...	12.322	2.1	ug/L	1612	2	11.581	19321	25.0
.alpha.-Pinene	12.428	280.8	ug/L	217016	2	11.581	19321	25.0
unknown-16	12.828	5.8	ug/L	4962	3	13.516	21373	25.0
Bicyclo[3.1.1]h...	12.987	43.8	ug/L	37469	3	13.516	21373	25.0
Benzene, 1-ethy...	13.063	9.8	ug/L	8398	3	13.516	21373	25.0
D-Limonene	13.434	48.0	ug/L	41075	3	13.516	21373	25.0
unknown-17	13.716	6.7	ug/L	5720	3	13.516	21373	25.0
Benzene, 4-ethy...	13.751	9.6	ug/L	8208	3	13.516	21373	25.0
unknown-18	13.887	2.0	ug/L	1726	3	13.516	21373	25.0
unknown-19	14.122	2.0	ug/L	1683	3	13.516	21373	25.0
unknown-20	14.304	4.5	ug/L	3836	3	13.516	21373	25.0
unknown-21	14.475	2.5	ug/L	2158	3	13.516	21373	25.0
Benzene, 1-ethy...	14.763	21.5	ug/L	18380	3	13.516	21373	25.0
unknown-22	14.928	9.9	ug/L	8504	3	13.516	21373	25.0
Azulene	15.328	16.7	ug/L	14250	3	13.516	21373	25.0