

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030014.D
 Acq On : 23 Aug 2024 16:42
 Operator : SY/MD
 Sample : P3721-03
 Misc : 5.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ3

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW030014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	40	46	47	rBV5	1182	1764	0.18%	0.019%
2	2.210	49	53	54	rVV3	1384	2084	0.21%	0.023%
3	2.235	54	57	62	rVV7	1521	2476	0.25%	0.027%
4	2.283	62	65	68	rVV5	708	1195	0.12%	0.013%
5	2.363	70	78	93	rVV	42055	110508	11.34%	1.221%
6	2.503	96	101	108	rBV2	6680	15818	1.62%	0.175%
7	2.661	125	127	128	rBV2	1025	614	0.06%	0.007%
8	2.698	131	133	136	rBV4	1060	1198	0.12%	0.013%
9	2.899	158	166	182	rVB	34180	103081	10.57%	1.139%
10	3.393	240	247	255	rVV2	4946	11426	1.17%	0.126%
11	4.021	337	350	362	rBV	82948	295216	30.28%	3.261%
12	4.131	362	368	383	rVB	44488	136702	14.02%	1.510%
13	4.393	408	411	415	rVV3	446	809	0.08%	0.009%
14	4.429	415	417	421	rVV3	375	620	0.06%	0.007%
15	4.692	453	460	463	rVV4	1053	2500	0.26%	0.028%
16	4.917	487	497	519	rBV2	13603	54677	5.61%	0.604%
17	5.435	572	582	588	rBV5	828	2081	0.21%	0.023%
18	5.795	630	641	651	rBV5	1873	6238	0.64%	0.069%
19	5.941	656	665	678	rVB2	6315	19242	1.97%	0.213%
20	6.899	812	822	836	rBV	26087	75143	7.71%	0.830%
21	7.081	843	852	862	rBV	32913	99369	10.19%	1.098%
22	7.258	878	881	882	rBV3	813	1006	0.10%	0.011%
23	7.648	934	945	957	rBV	174867	424679	43.57%	4.691%
24	7.880	981	983	988	rVB3	513	769	0.08%	0.008%
25	7.953	988	995	1001	rBV5	794	1810	0.19%	0.020%
26	8.276	1037	1048	1064	rBV2	321214	974805	100.00%	10.768%
27	8.398	1066	1068	1074	rVB4	698	1086	0.11%	0.012%
28	8.551	1083	1093	1102	rBV5	1753	5514	0.57%	0.061%
29	8.618	1102	1104	1111	rVB5	574	958	0.10%	0.011%
30	8.703	1111	1118	1130	rBV	13733	32332	3.32%	0.357%
31	8.843	1132	1141	1151	rBV	474180	946017	97.05%	10.450%
32	9.044	1167	1174	1179	rBV4	3054	8093	0.83%	0.089%
33	9.081	1179	1180	1187	rVB4	2285	2521	0.26%	0.028%
34	9.270	1203	1211	1222	rBV	226583	474923	48.72%	5.246%
35	9.410	1228	1234	1245	rVB	15399	30689	3.15%	0.339%
36	9.660	1268	1275	1285	rVB5	1647	3963	0.41%	0.044%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	9.758	1285	1291	1296	rBV3	1152	2025	0.21%	0.022%
38	9.892	1303	1313	1320	rVB5	1977	4212	0.43%	0.047%
39	10.032	1324	1336	1349	rBV	120373	217865	22.35%	2.407%
40	10.124	1349	1351	1352	rBV2	811	642	0.07%	0.007%
41	10.154	1352	1356	1362	rVB5	2064	4117	0.42%	0.045%
42	10.203	1362	1364	1366	rBV3	768	1002	0.10%	0.011%
43	10.245	1366	1371	1374	rBV3	1131	1618	0.17%	0.018%
44	10.325	1374	1384	1390	rBV	413222	758877	77.85%	8.383%
45	10.386	1390	1394	1399	rVB	11666	18708	1.92%	0.207%
46	10.502	1408	1413	1418	rBV6	1594	2810	0.29%	0.031%
47	10.575	1418	1425	1433	rBV	75688	133303	13.67%	1.472%
48	10.703	1440	1446	1450	rBV2	11394	21187	2.17%	0.234%
49	10.745	1450	1453	1457	rVB2	1015	1666	0.17%	0.018%
50	10.855	1464	1471	1475	rBV7	1590	3490	0.36%	0.039%
51	10.922	1475	1482	1496	rVV	133378	229540	23.55%	2.536%
52	11.068	1496	1506	1520	rVV	125189	207435	21.28%	2.291%
53	11.337	1547	1550	1553	rVB3	847	953	0.10%	0.011%
54	11.404	1557	1561	1564	rBV5	859	1090	0.11%	0.012%
55	11.507	1576	1578	1581	rVB4	694	864	0.09%	0.010%
56	11.568	1585	1588	1590	rBV2	877	878	0.09%	0.010%
57	11.629	1590	1598	1606	rBV	568067	961862	98.67%	10.625%
58	11.690	1606	1608	1610	rVB2	753	636	0.07%	0.007%
59	11.733	1610	1615	1623	rVB5	2659	5249	0.54%	0.058%
60	11.849	1624	1634	1643	rBV5	9025	23587	2.42%	0.261%
61	11.946	1646	1650	1656	rVB6	2096	3645	0.37%	0.040%
62	12.013	1656	1661	1674	rBV2	12490	21773	2.23%	0.241%
63	12.111	1674	1677	1681	rVB5	600	672	0.07%	0.007%
64	12.166	1681	1686	1692	rVB7	2199	4699	0.48%	0.052%
65	12.239	1694	1698	1702	rVB4	998	1651	0.17%	0.018%
66	12.337	1708	1714	1727	rBV5	9903	30816	3.16%	0.340%
67	12.465	1729	1735	1748	rBV	144470	250498	25.70%	2.767%
68	12.605	1752	1758	1763	rBV	24975	43136	4.43%	0.476%
69	12.690	1763	1772	1781	rBV	195579	402803	41.32%	4.449%
70	12.879	1801	1803	1807	rVB5	1605	1964	0.20%	0.022%
71	12.934	1809	1812	1821	rVB6	5142	11908	1.22%	0.132%
72	13.038	1824	1829	1832	rBV4	2400	4516	0.46%	0.050%
73	13.099	1832	1839	1841	rBV5	4570	8970	0.92%	0.099%
74	13.153	1843	1848	1852	rBV	35819	59709	6.13%	0.660%
75	13.208	1852	1857	1864	rBV	51821	78233	8.03%	0.864%
76	13.275	1864	1868	1877	rVB3	18653	41031	4.21%	0.453%

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 Title : SFAM01.0

77	13.391	1880	1887	1893	rBV5	11807	21100	2.16%	0.233%
78	13.464	1893	1899	1903	rBV	157232	281750	28.90%	3.112%
79	13.556	1908	1914	1920	rVB	385515	626034	64.22%	6.915%
80	13.611	1920	1923	1927	rBV5	2654	2791	0.29%	0.031%
81	13.708	1934	1939	1943	rBV7	3361	6438	0.66%	0.071%
82	13.751	1943	1946	1950	rVB6	1762	2766	0.28%	0.031%
83	13.848	1955	1962	1972	rBV	249419	417507	42.83%	4.612%
84	14.068	1993	1998	2006	rVB3	19502	36955	3.79%	0.408%
85	14.147	2008	2011	2016	rVB4	4348	5563	0.57%	0.061%
86	14.318	2034	2039	2046	rBV3	11493	20093	2.06%	0.222%
87	14.483	2064	2066	2067	rBV2	1536	1071	0.11%	0.012%
88	14.690	2093	2100	2111	rBV	23537	52679	5.40%	0.582%
89	14.848	2121	2126	2133	rVB10	4727	8693	0.89%	0.096%
90	14.946	2137	2142	2145	rBV6	5758	9844	1.01%	0.109%
91	15.001	2149	2151	2152	rBV2	1659	1352	0.14%	0.015%
92	15.110	2164	2169	2174	rBV4	9259	18046	1.85%	0.199%
93	15.202	2177	2184	2187	rVV4	17524	40575	4.16%	0.448%
94	15.245	2187	2191	2197	rVV2	25405	46356	4.76%	0.512%
95	15.293	2197	2199	2206	rVB7	4283	7031	0.72%	0.078%
96	15.482	2225	2230	2233	rVB2	4809	7633	0.78%	0.084%
97	15.848	2285	2290	2294	rBV8	3329	5694	0.58%	0.063%
98	15.940	2303	2305	2307	rBV2	1572	1752	0.18%	0.019%
99	16.159	2335	2341	2347	rBV9	3259	7832	0.80%	0.087%
100	16.372	2373	2376	2377	rBV3	1418	1816	0.19%	0.020%

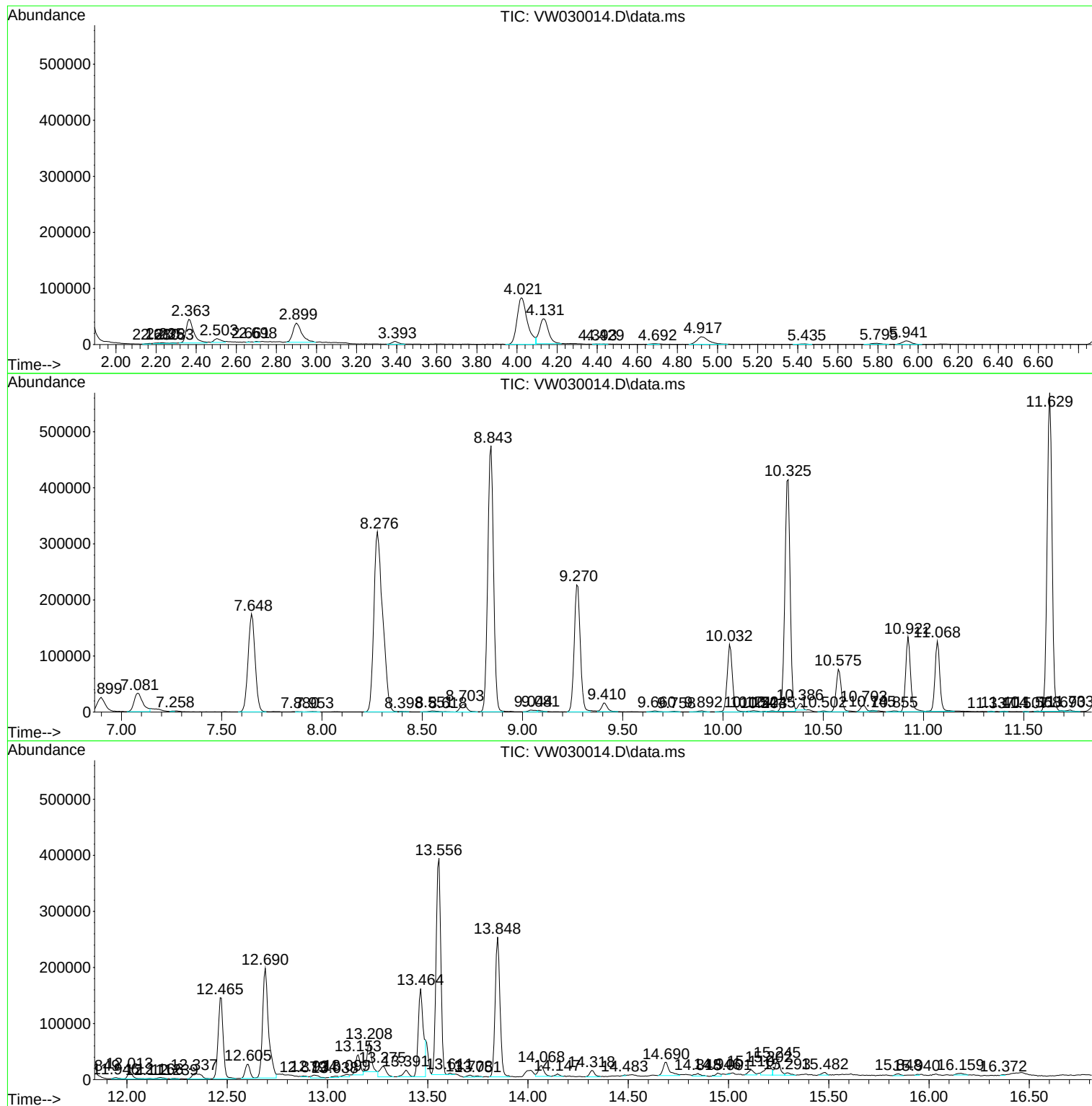
Sum of corrected areas: 9052937

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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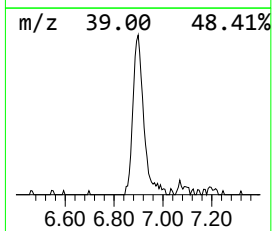
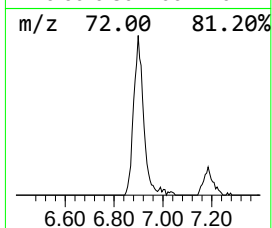
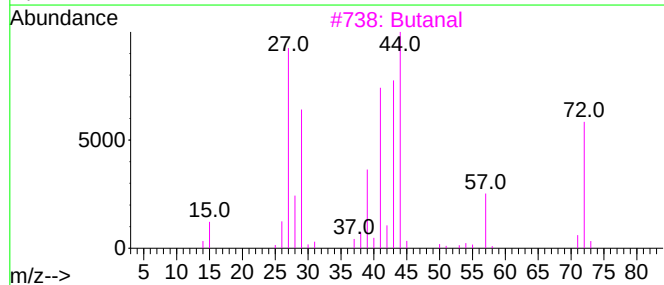
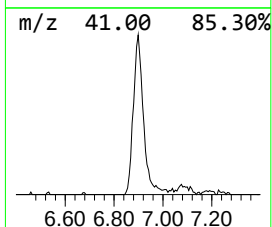
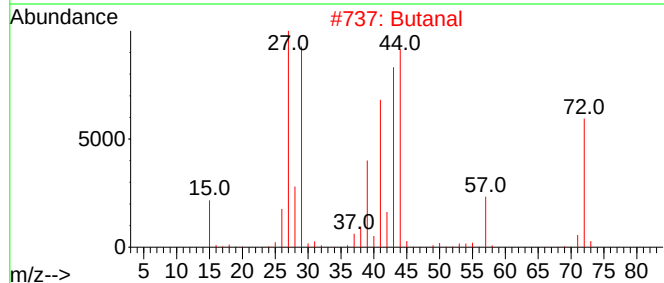
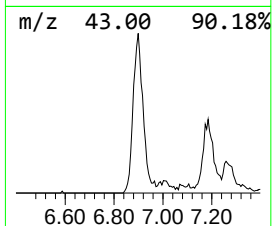
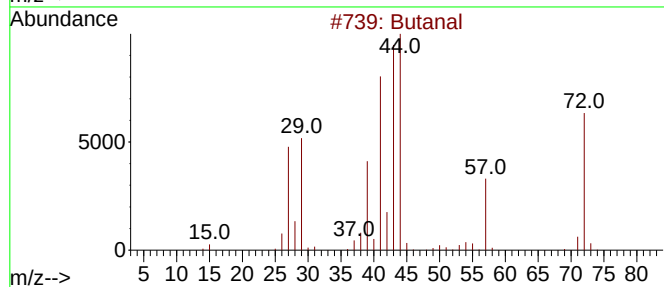
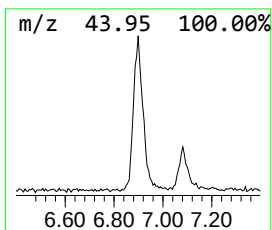
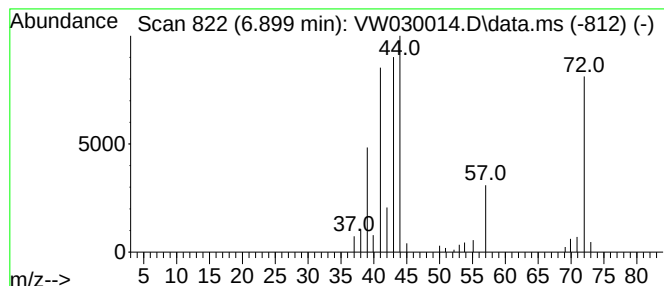
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Butanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	1.99 ug/L	75143	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	94
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	74
4	Butanal			72	C4H8O	000123-72-8	72
5	Butanal			72	C4H8O	000123-72-8	64



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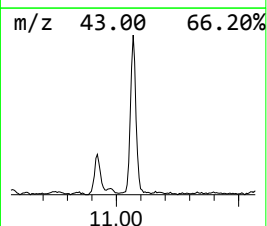
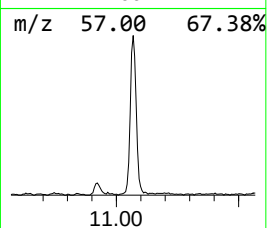
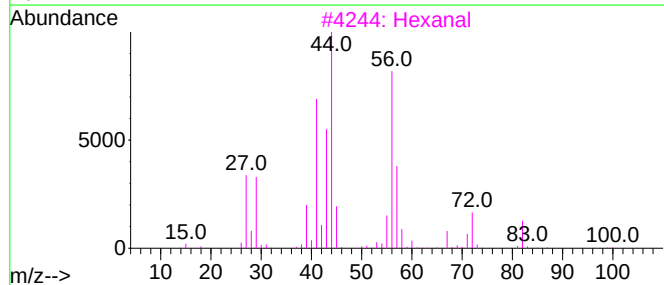
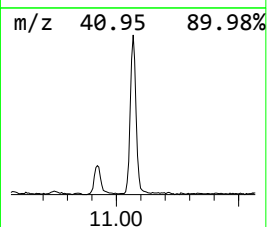
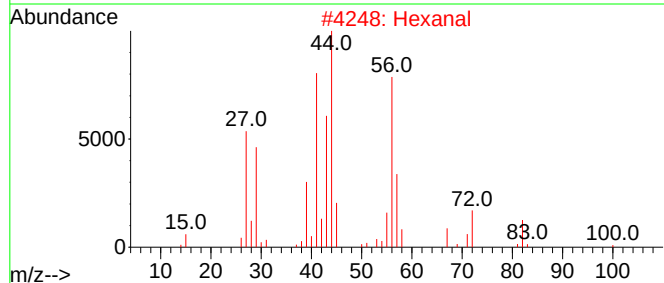
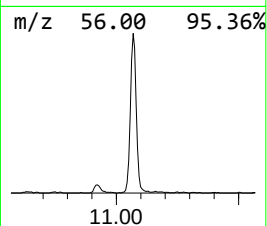
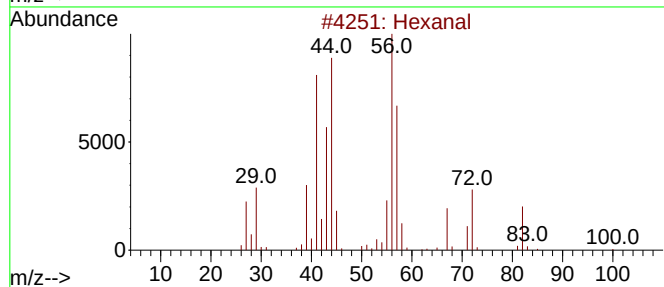
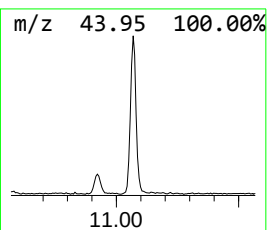
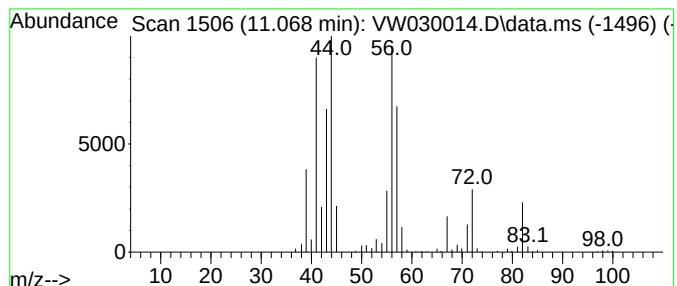
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	5.39 ug/L	207435	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	74
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	59



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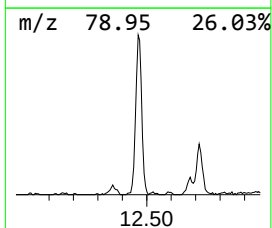
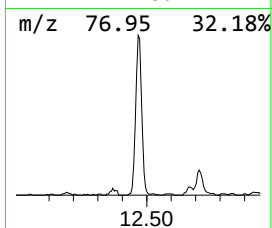
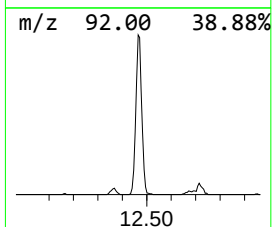
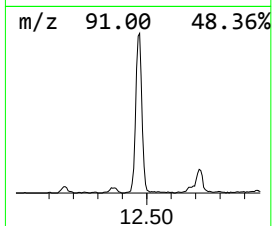
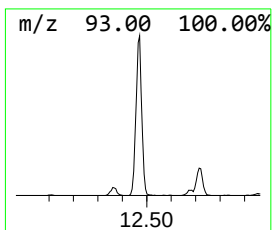
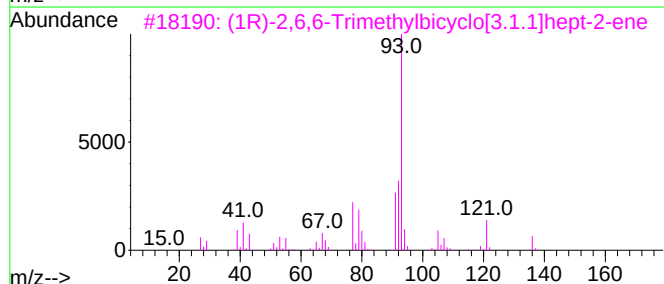
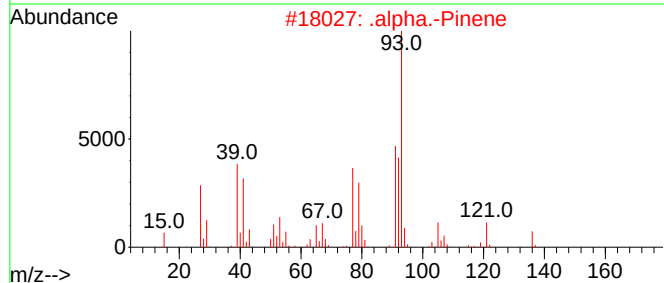
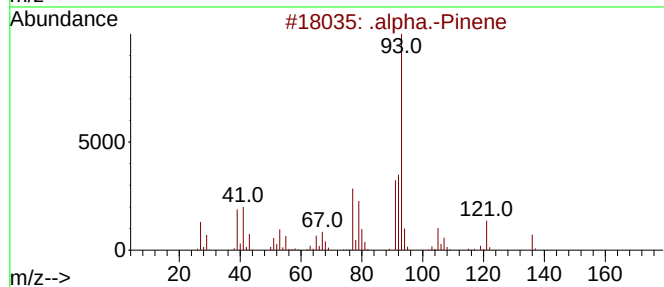
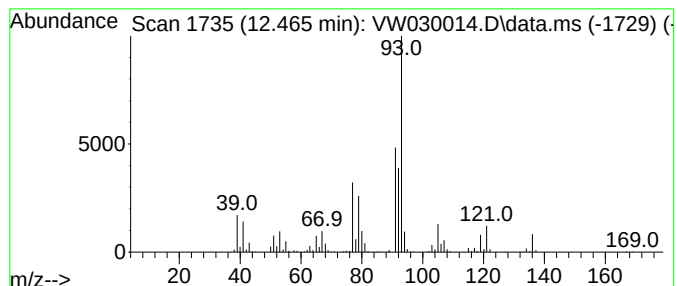
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	6.51 ug/L	250498	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.-Pinene	136	C10H16	000080-56-8	97	
2	.	.alpha.-Pinene	136	C10H16	000080-56-8	95	
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94		
4	.	.alpha.-Pinene	136	C10H16	000080-56-8	91	
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ3

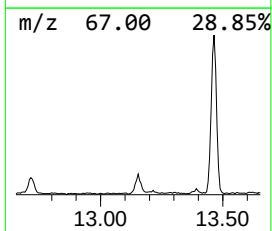
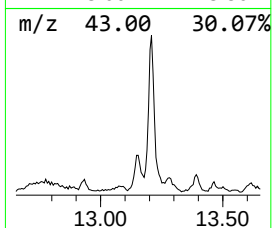
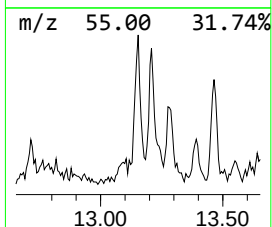
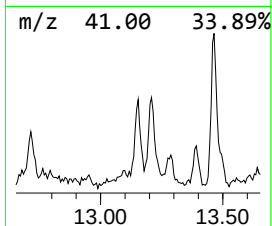
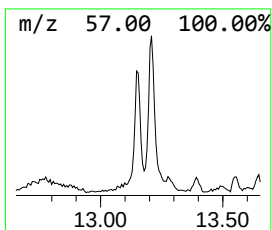
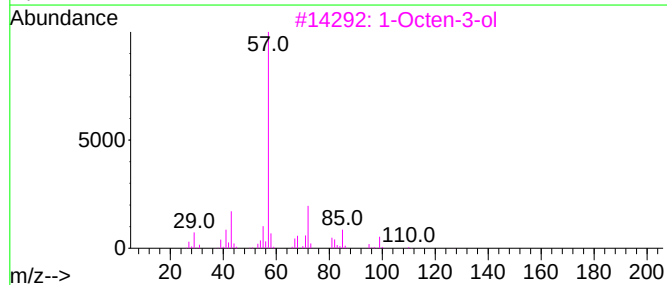
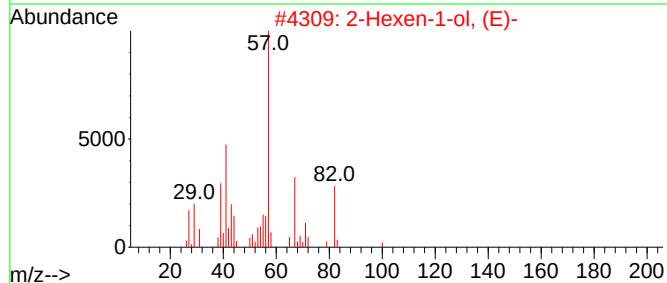
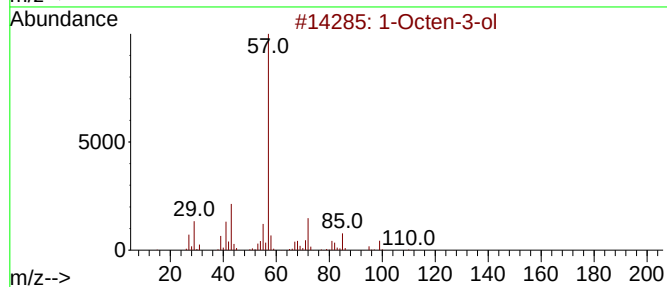
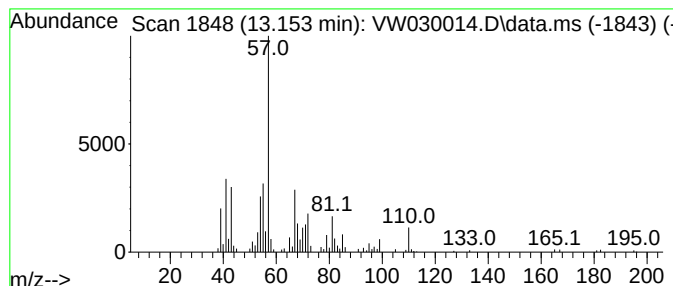
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	2.38 ug/L	59709	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octen-3-ol	128	C8H16O	003391-86-4	43
2			2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	38
3			1-Octen-3-ol	128	C8H16O	003391-86-4	38
4			5-Amino-N-(tert-butylimino)-3-hy...	200	C6H12N6O2	1000444-59-9	35
5			1-Nonen-3-ol	142	C9H18O	021964-44-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ3

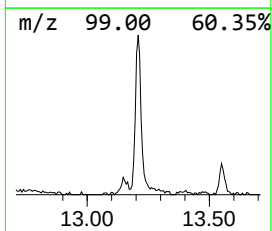
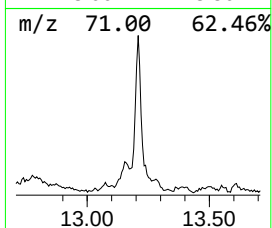
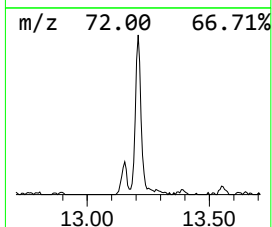
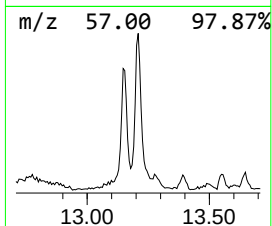
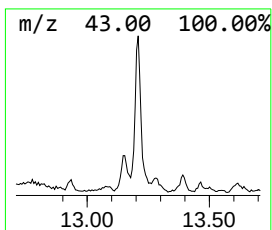
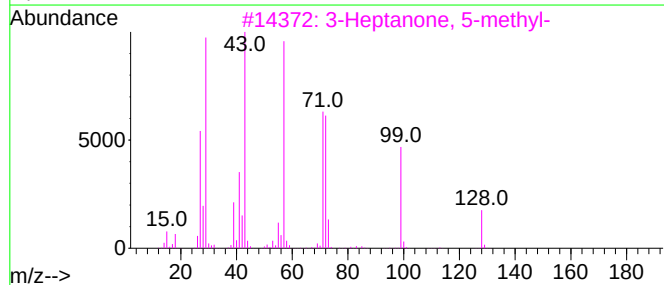
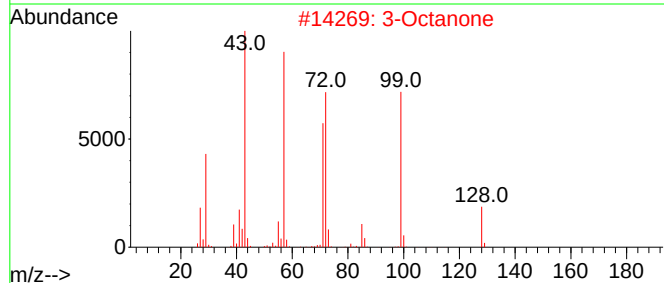
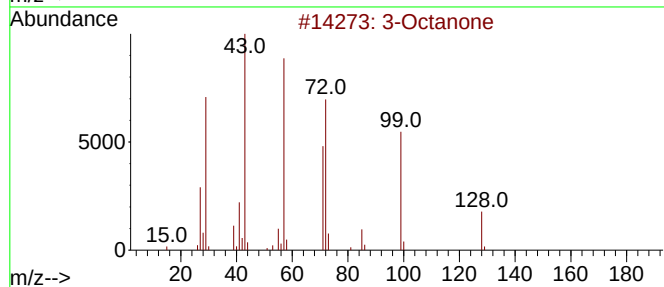
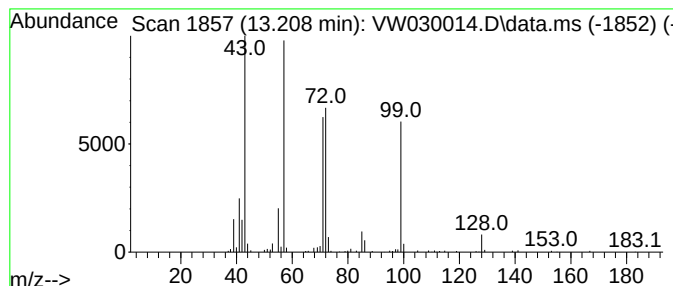
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Quant Title : SFAM01.0

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

Peak Number 8 3-Octanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	3.12 ug/L	78233	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octanone	128	C8H16O	000106-68-3	91
2		3-Octanone	128	C8H16O	000106-68-3	90
3		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
4		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	64
5		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ3

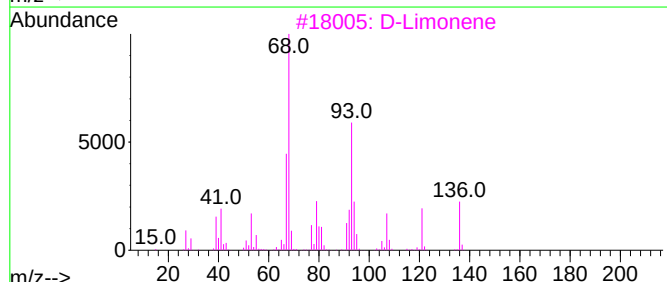
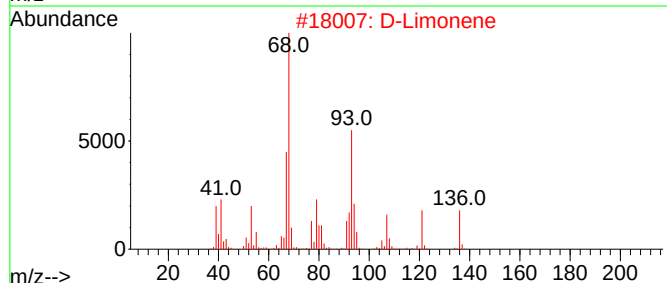
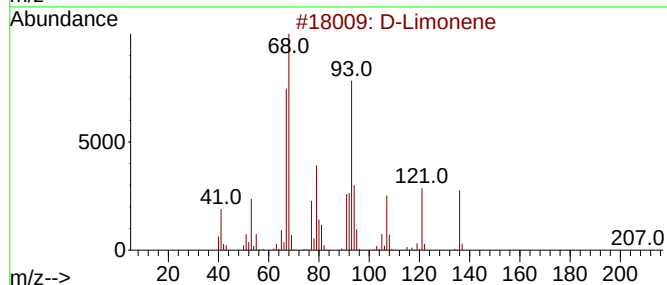
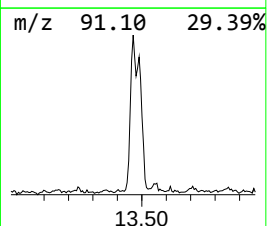
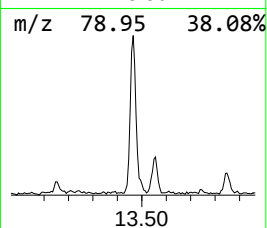
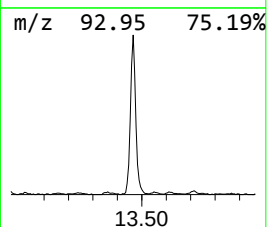
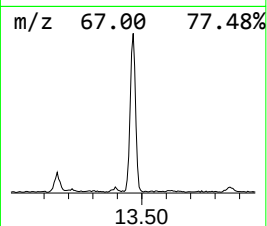
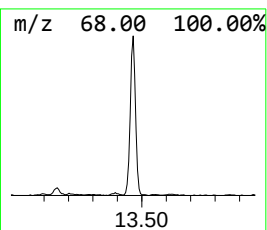
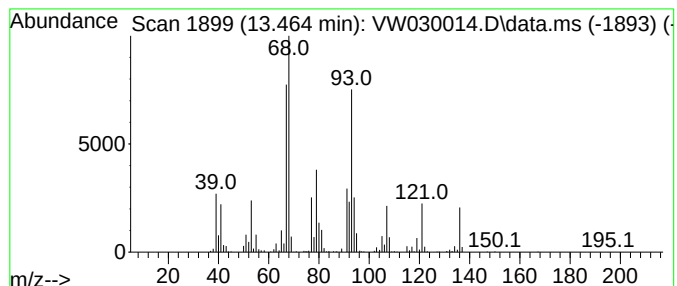
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Quant Title : SFAM01.0

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

Peak Number 10 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	11.25 ug/L	281750	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	98
2	D-Limonene		136	C10H16	005989-27-5	95
3	D-Limonene		136	C10H16	005989-27-5	94
4	D-Limonene		136	C10H16	005989-27-5	93
5	Limonene		136	C10H16	000138-86-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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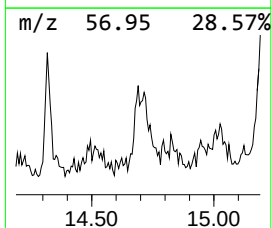
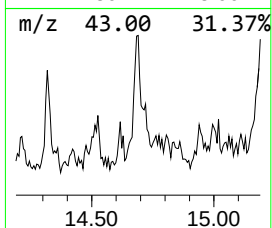
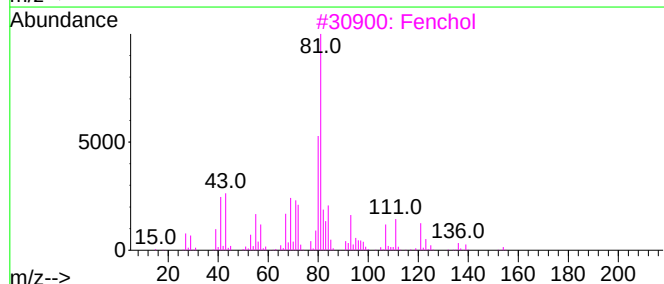
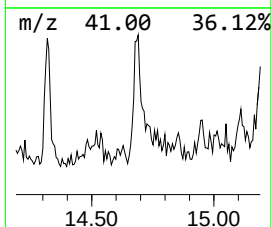
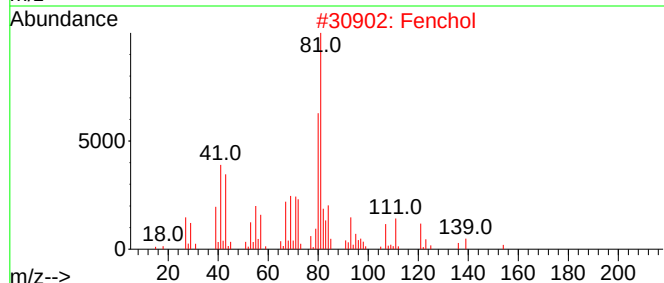
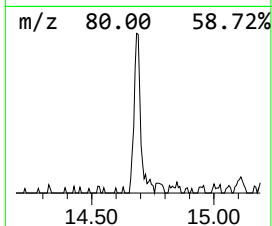
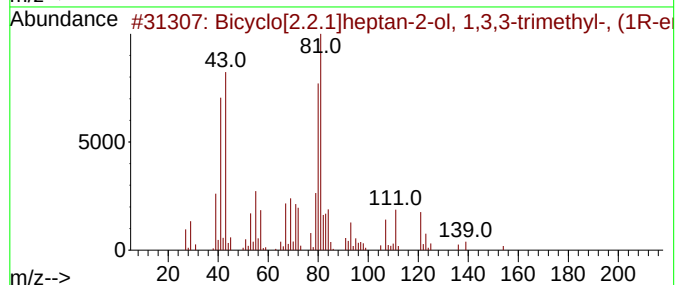
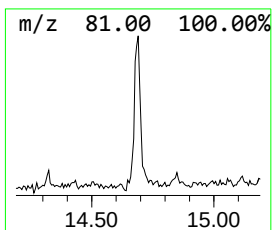
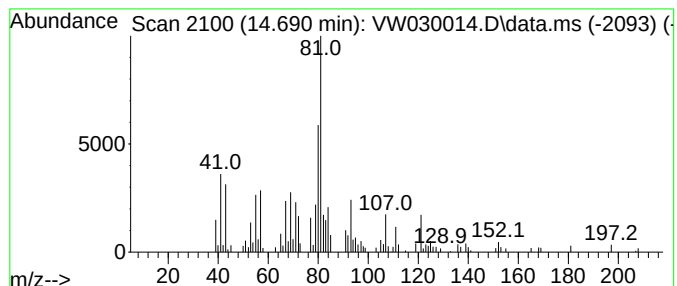
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Quant Title : SFAM01.0

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

Peak Number 12 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	2.10 ug/L	52679	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	80
2			Fenchol	154	C10H18O	001632-73-1	74
3			Fenchol	154	C10H18O	001632-73-1	72
4			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	196	C12H20O2	076109-40-5	64
5			.alpha.-Fenchyl acetate	196	C12H20O2	004057-31-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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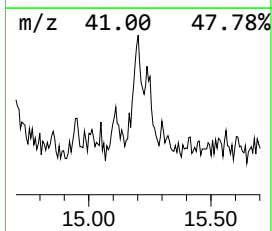
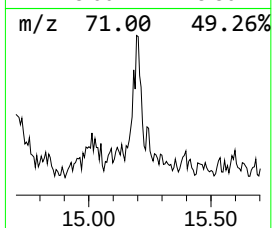
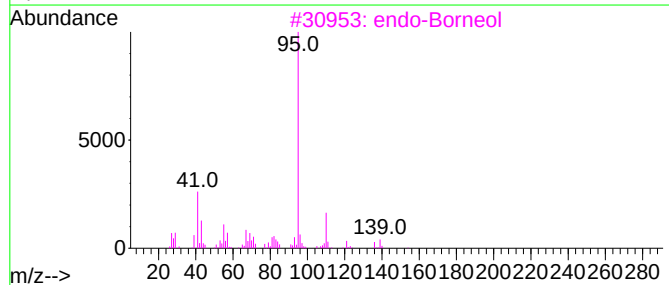
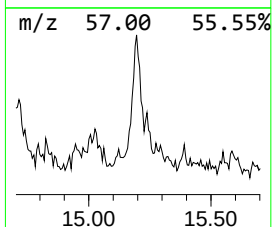
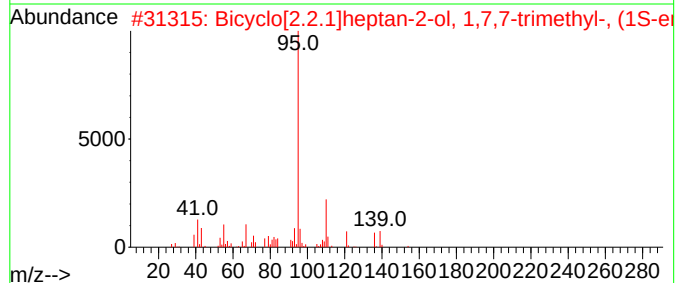
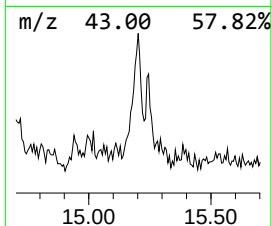
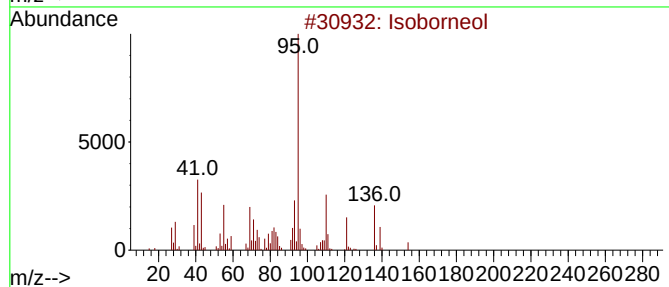
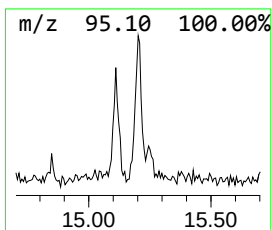
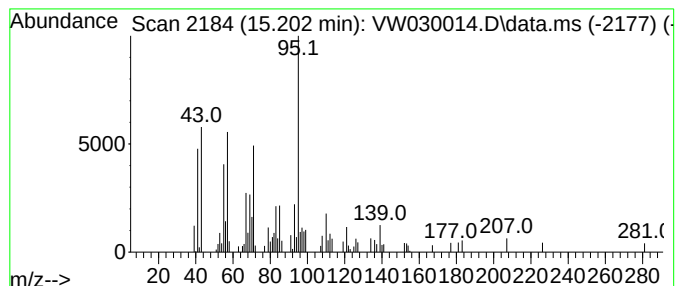
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Quant Title : SFAM01.0

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

Peak Number 13 Isoborneol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	1.62 ug/L	40575	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoborneol	154	C10H18O	000124-76-5	50
2			Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	49
3			endo-Borneol	154	C10H18O	000507-70-0	43
4			endo-Borneol	154	C10H18O	000507-70-0	43
5			Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ3

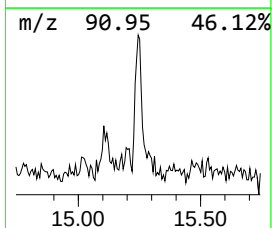
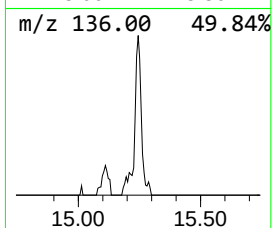
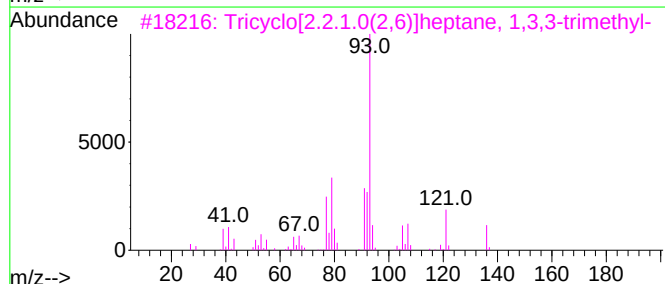
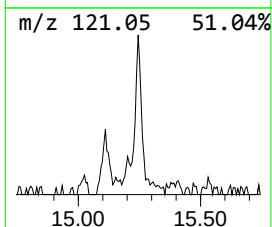
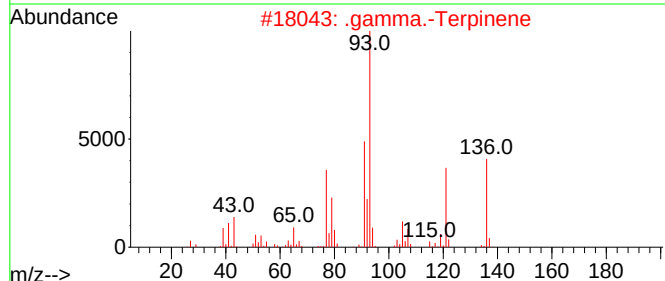
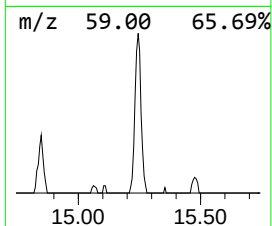
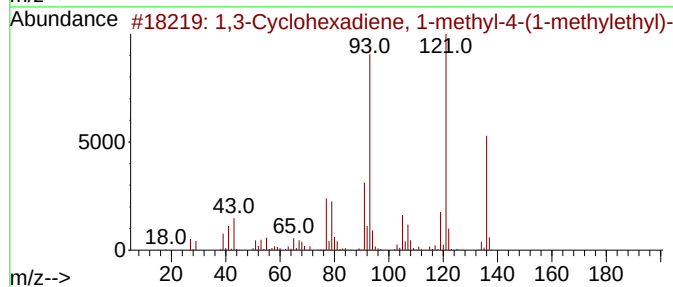
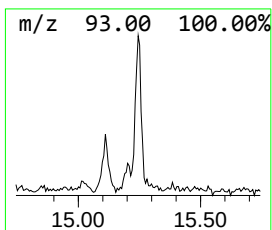
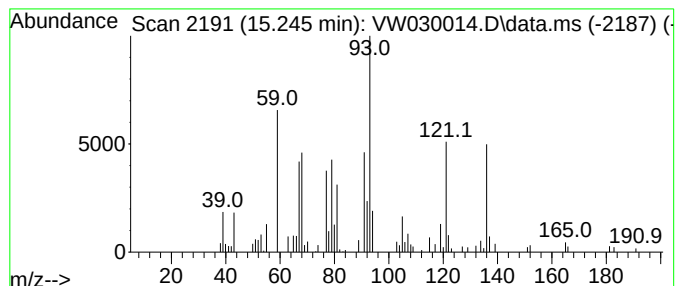
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Quant Title : SFAM01.0

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

Peak Number 14 1,3-Cyclohexadiene, 1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	1.85 ug/L	46356	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	89
2			.gamma.-Terpinene	136	C10H16	000099-85-4	86
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	78
4			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	64
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030014.D
Acq On : 23 Aug 2024 16:42
Operator : SY/MD
Sample : P3721-03
Misc : 5.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
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Hexanal	11.069	5.4	ug/L	207435	2	11.629	961862	25.0
.alpha.-Pinene	12.465	6.5	ug/L	250498	2	11.629	961862	25.0
unknown-01	13.153	2.4	ug/L	59709	3	13.556	626034	25.0
3-Octanone	13.208	3.1	ug/L	78233	3	13.556	626034	25.0
D-Limonene	13.464	11.3	ug/L	281750	3	13.556	626034	25.0
Bicyclo[2.2.1]h...	14.690	2.1	ug/L	52679	3	13.556	626034	25.0
Isoborneol	15.202	1.6	ug/L	40575	3	13.556	626034	25.0
1,3-Cyclohexadi...	15.245	1.9	ug/L	46356	3	13.556	626034	25.0