

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030032.D
 Acq On : 27 Aug 2024 09:56
 Operator : SY/MD
 Sample : P3721-05
 Misc : 4.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYI3

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\SFAMWLM082624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030032.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	44	46	53	rBV6	877	1610	0.18%	0.023%
2	2.363	71	78	90	rBV	74063	168068	18.61%	2.386%
3	2.503	96	101	108	rBV2	6543	17066	1.89%	0.242%
4	2.899	158	166	181	rBV	44217	129354	14.32%	1.836%
5	3.302	228	232	237	rVB4	595	1104	0.12%	0.016%
6	3.393	237	247	255	rBV2	14095	32078	3.55%	0.455%
7	3.728	299	302	304	rVV3	454	659	0.07%	0.009%
8	3.850	319	322	325	rVV2	547	807	0.09%	0.011%
9	4.021	338	350	362	rBV	114735	358522	39.70%	5.090%
10	4.143	362	370	384	rVB	70604	230429	25.51%	3.271%
11	4.381	407	409	412	rBV3	315	416	0.05%	0.006%
12	4.679	450	458	474	rVB2	5603	17082	1.89%	0.243%
13	4.917	485	497	520	rBV2	30709	114858	12.72%	1.631%
14	5.783	629	639	640	rBV	2078	3548	0.39%	0.050%
15	5.941	654	665	676	rVB2	12655	37421	4.14%	0.531%
16	6.118	689	694	699	rBV6	563	1458	0.16%	0.021%
17	6.600	768	773	774	rBV3	395	489	0.05%	0.007%
18	6.618	774	776	781	rVB3	513	548	0.06%	0.008%
19	6.899	814	822	835	rBV4	1973	6488	0.72%	0.092%
20	6.996	835	838	841	rBV2	391	493	0.05%	0.007%
21	7.081	845	852	862	rBV	22524	69502	7.70%	0.987%
22	7.648	934	945	961	rBV	151686	382293	42.33%	5.428%
23	7.758	961	963	967	rBV4	240	372	0.04%	0.005%
24	8.276	1037	1048	1067	rBV2	304984	903172	100.00%	12.823%
25	8.502	1083	1085	1087	rBV2	521	690	0.08%	0.010%
26	8.551	1087	1093	1099	rVV5	1295	3413	0.38%	0.048%
27	8.703	1110	1118	1129	rBV2	16024	37076	4.11%	0.526%
28	8.843	1132	1141	1151	rBV	292301	593433	65.71%	8.425%
29	9.069	1170	1178	1182	rBV5	996	2556	0.28%	0.036%
30	9.270	1203	1211	1221	rBV	202220	421314	46.65%	5.982%
31	9.404	1227	1233	1247	rVB2	12741	27655	3.06%	0.393%
32	9.538	1253	1255	1257	rBV3	431	378	0.04%	0.005%
33	10.032	1323	1336	1347	rBV	99773	179186	19.84%	2.544%
34	10.148	1349	1355	1363	rVB4	976	2196	0.24%	0.031%
35	10.319	1373	1383	1390	rBV	327970	583444	64.60%	8.283%
36	10.386	1390	1394	1406	rVB	15912	29951	3.32%	0.425%

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 Title : SFAM01.0

37	10.502	1406	1413	1419	rBV3	2405	3982	0.44%	0.057%
38	10.575	1419	1425	1439	rBV2	57626	103046	11.41%	1.463%
39	10.703	1439	1446	1449	rBV3	6821	12122	1.34%	0.172%
40	10.745	1449	1453	1462	rVB3	6031	11180	1.24%	0.159%
41	10.922	1475	1482	1495	rBV	94430	167166	18.51%	2.373%
42	11.069	1499	1506	1519	rBV	108997	182565	20.21%	2.592%
43	11.459	1564	1570	1573	rBV4	359	556	0.06%	0.008%
44	11.562	1581	1587	1591	rBV2	2421	4299	0.48%	0.061%
45	11.629	1591	1598	1608	rVB	254864	437446	48.43%	6.211%
46	11.727	1612	1614	1616	rBV3	603	694	0.08%	0.010%
47	11.843	1625	1633	1645	rBV	41275	85839	9.50%	1.219%
48	11.946	1647	1650	1655	rVV4	2789	4641	0.51%	0.066%
49	12.013	1655	1661	1671	rVV	29284	51907	5.75%	0.737%
50	12.099	1673	1675	1681	rVB5	642	838	0.09%	0.012%
51	12.239	1693	1698	1705	rVB4	1880	3476	0.38%	0.049%
52	12.337	1708	1714	1717	rBV2	11193	22541	2.50%	0.320%
53	12.465	1729	1735	1742	rBV	54031	92048	10.19%	1.307%
54	12.605	1749	1758	1764	rBV	6226	11225	1.24%	0.159%
55	12.690	1764	1772	1787	rVB2	105703	236617	26.20%	3.359%
56	12.928	1800	1811	1823	rBV3	5605	15379	1.70%	0.218%
57	13.038	1824	1829	1832	rBV4	2008	3255	0.36%	0.046%
58	13.093	1832	1838	1843	rVV5	4746	9373	1.04%	0.133%
59	13.154	1843	1848	1853	rVV	8312	13217	1.46%	0.188%
60	13.208	1853	1857	1864	rVV2	11268	18482	2.05%	0.262%
61	13.282	1864	1869	1876	rVB6	4102	8851	0.98%	0.126%
62	13.391	1879	1887	1892	rBV8	8985	19115	2.12%	0.271%
63	13.464	1892	1899	1908	rBV2	327824	640643	70.93%	9.095%
64	13.556	1908	1914	1920	rVB	121526	202662	22.44%	2.877%
65	13.617	1920	1924	1926	rBV5	1594	2140	0.24%	0.030%
66	13.708	1934	1939	1944	rBV3	4169	6753	0.75%	0.096%
67	13.794	1949	1953	1955	rBV4	653	657	0.07%	0.009%
68	13.848	1955	1962	1969	rBV	86725	147002	16.28%	2.087%
69	13.940	1974	1977	1980	rVB3	607	789	0.09%	0.011%
70	14.007	1980	1988	1993	rBV6	6697	18085	2.00%	0.257%
71	14.062	1993	1997	2007	rVB3	8472	16658	1.84%	0.236%
72	14.147	2007	2011	2016	rVB3	3186	4232	0.47%	0.060%
73	14.214	2020	2022	2027	rBV4	791	1248	0.14%	0.018%
74	14.318	2034	2039	2047	rBV5	5661	10541	1.17%	0.150%
75	14.428	2053	2057	2062	rVB5	872	1667	0.18%	0.024%
76	14.476	2062	2065	2067	rBV3	463	659	0.07%	0.009%

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77	14.513	2067	2071	2076	rVB4	839	1406	0.16%	0.020%
78	14.617	2083	2088	2093	rBV6	1546	2599	0.29%	0.037%
79	14.684	2093	2099	2109	rBV2	16115	29501	3.27%	0.419%
80	14.848	2121	2126	2128	rBV5	1673	2880	0.32%	0.041%
81	14.952	2138	2143	2148	rBV3	1569	2684	0.30%	0.038%
82	15.019	2149	2154	2158	rVV4	1348	2680	0.30%	0.038%
83	15.062	2158	2161	2164	rVV4	1554	2751	0.30%	0.039%
84	15.110	2164	2169	2175	rVV6	5753	11539	1.28%	0.164%
85	15.202	2177	2184	2187	rVV2	6408	11838	1.31%	0.168%
86	15.245	2187	2191	2199	rVB3	15656	26993	2.99%	0.383%
87	15.403	2215	2217	2221	rVB2	768	735	0.08%	0.010%
88	15.446	2221	2224	2225	rBV2	467	399	0.04%	0.006%
89	15.476	2225	2229	2233	rVV2	1195	2073	0.23%	0.029%
90	15.677	2259	2262	2266	rBV3	469	701	0.08%	0.010%
91	15.848	2284	2290	2293	rBV6	1582	2639	0.29%	0.037%
92	15.952	2303	2307	2309	rBV2	940	1408	0.16%	0.020%
93	16.031	2315	2320	2326	rVB7	2411	4221	0.47%	0.060%
94	16.141	2335	2338	2339	rVV3	551	462	0.05%	0.007%
95	16.214	2348	2350	2353	rVV4	423	450	0.05%	0.006%
96	16.287	2358	2362	2365	rBV4	501	829	0.09%	0.012%
97	16.592	2410	2412	2415	rVB2	385	484	0.05%	0.007%
98	16.665	2419	2424	2425	rBV4	356	513	0.06%	0.007%
99	16.708	2429	2431	2434	rBV3	427	500	0.06%	0.007%
100	16.775	2440	2442	2444	rBV2	480	584	0.06%	0.008%

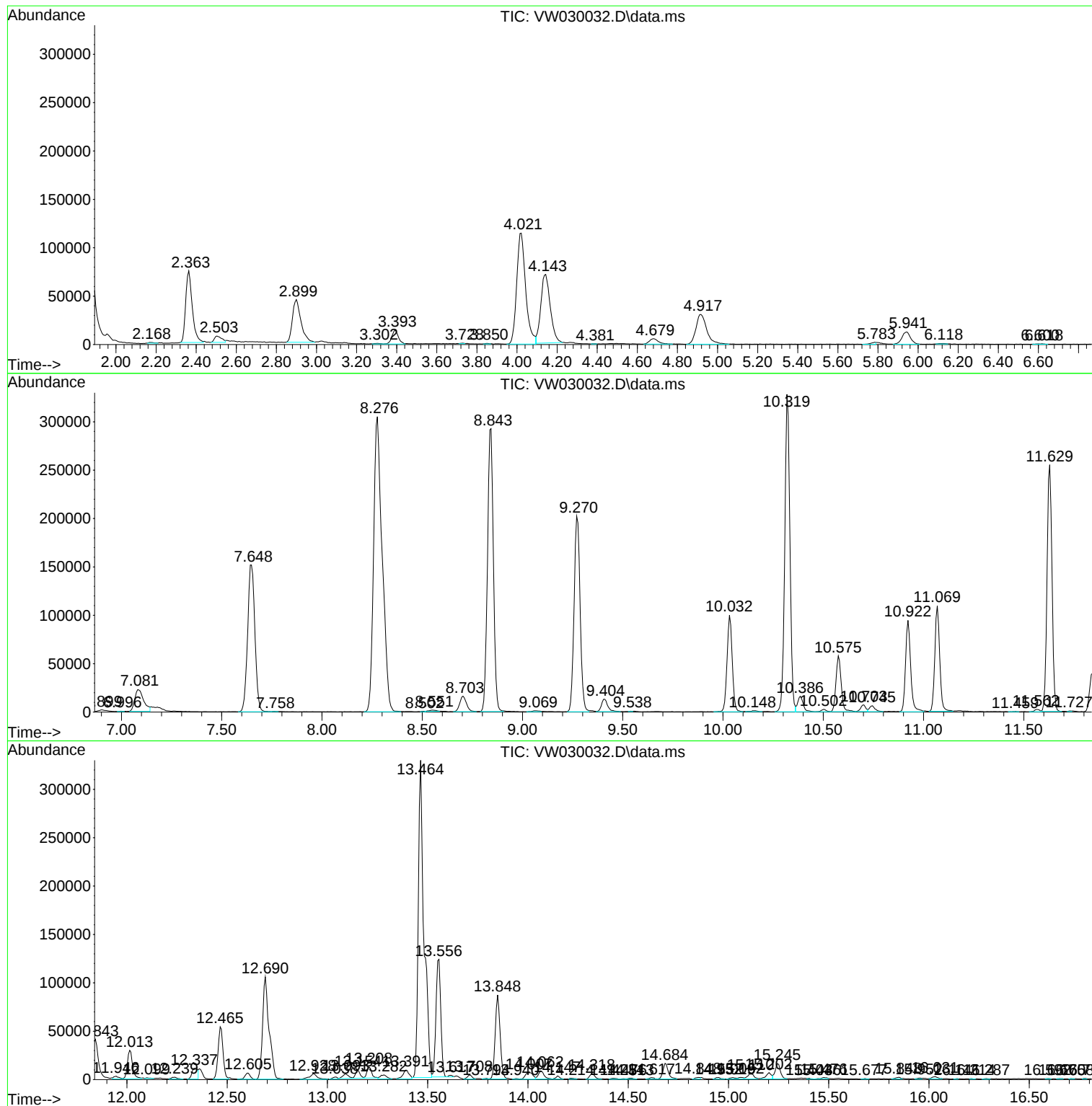
Sum of corrected areas: 7043594

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MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
ClientSampleId :
DCY13

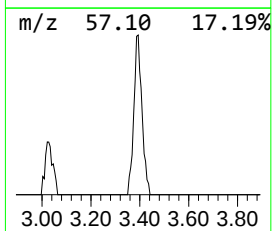
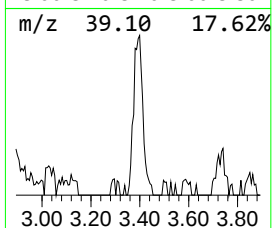
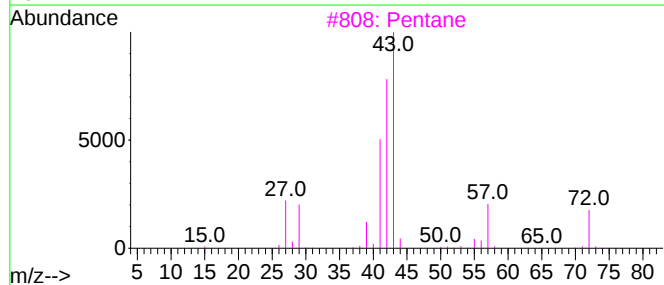
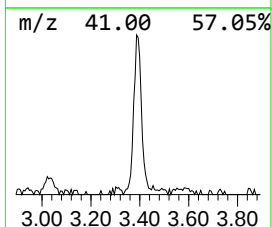
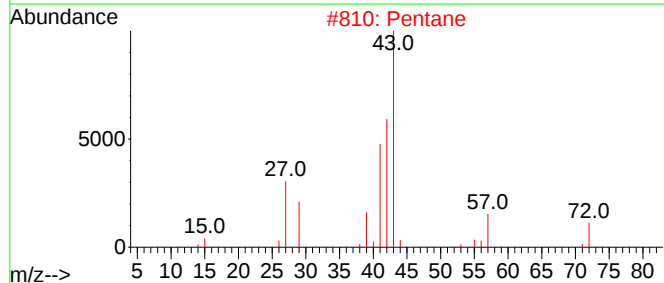
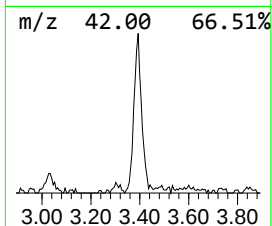
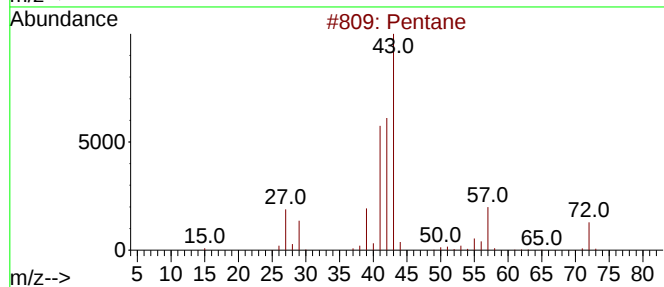
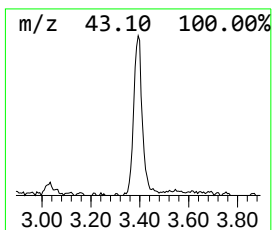
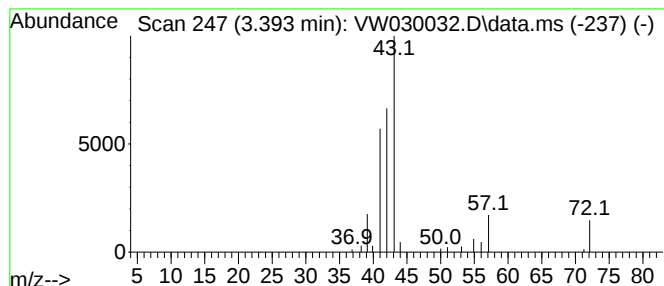
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.35 ug/L	32078	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	91
2	Pentane			72	C5H12	000109-66-0	91
3	Pentane			72	C5H12	000109-66-0	90
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	86



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DCYI3

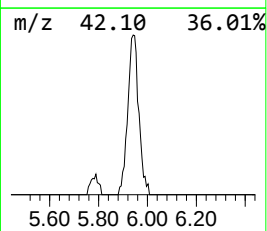
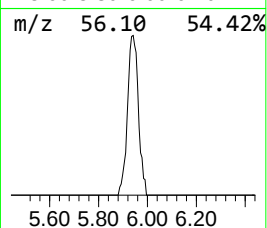
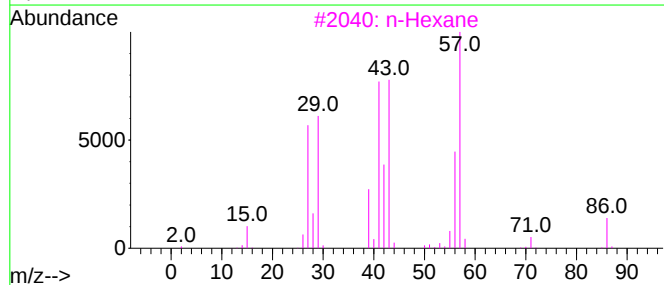
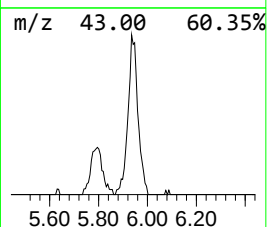
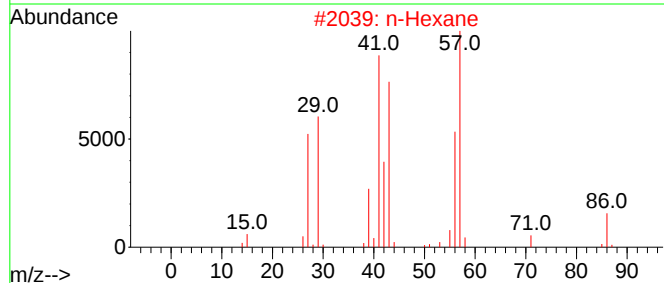
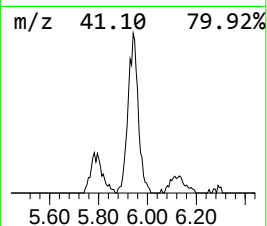
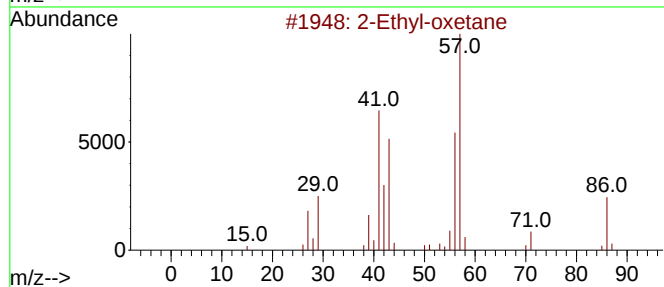
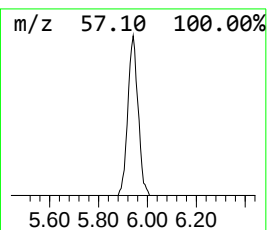
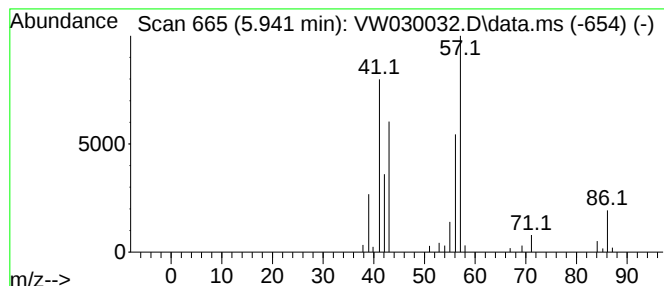
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 2-Ethyl-oxetane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.58 ug/L	37421	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	90
2	n-Hexane			86	C6H14	000110-54-3	87
3	n-Hexane			86	C6H14	000110-54-3	86
4	n-Hexane			86	C6H14	000110-54-3	64
5	n-Hexane			86	C6H14	000110-54-3	64



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DCY13

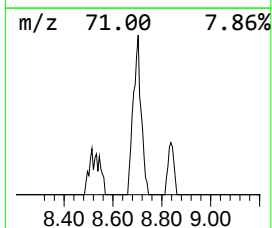
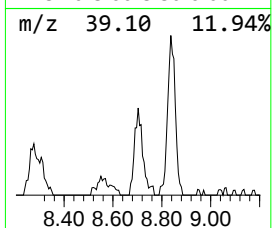
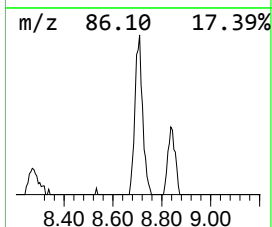
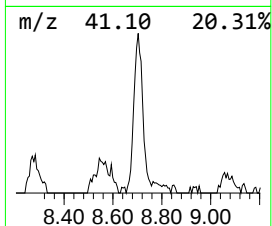
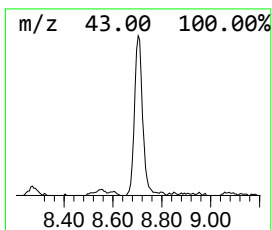
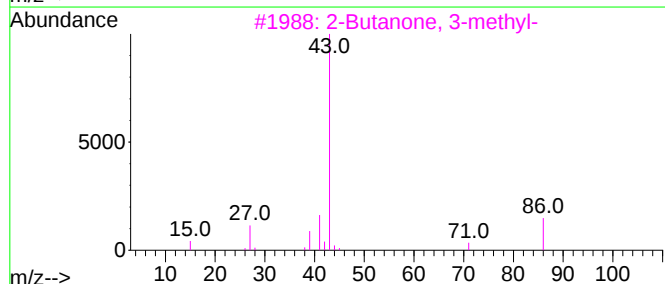
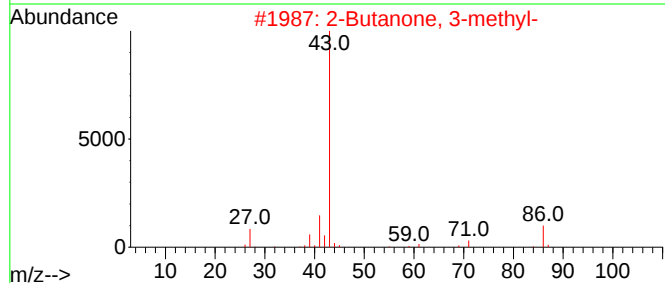
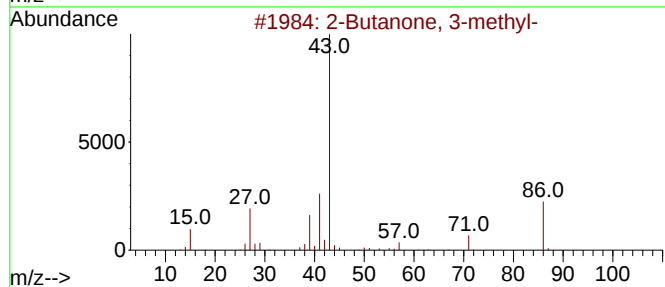
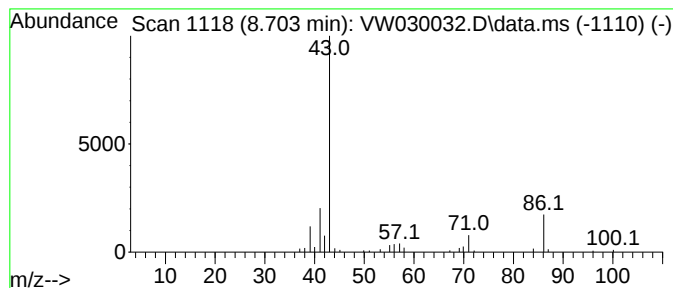
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 2-Butanone, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	1.56 ug/L	37076	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	64
2	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
3	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	50
4	2-Pentanone			86	C5H10O	000107-87-9	42
5	2-Pentanone			86	C5H10O	000107-87-9	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

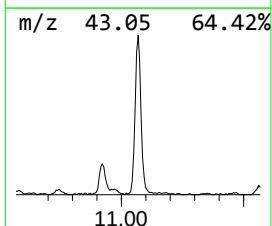
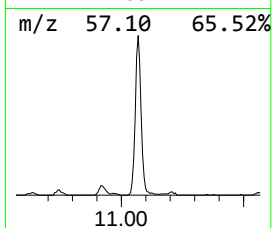
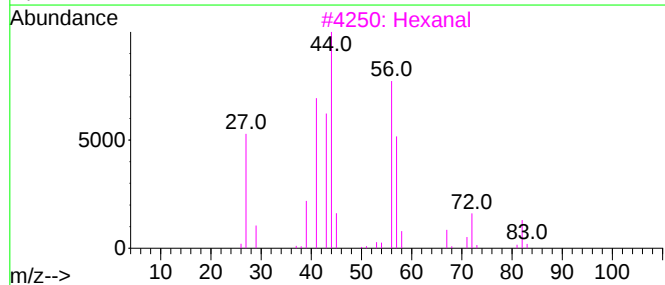
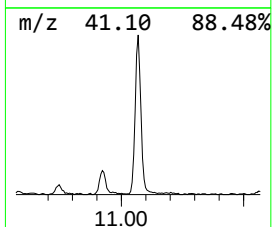
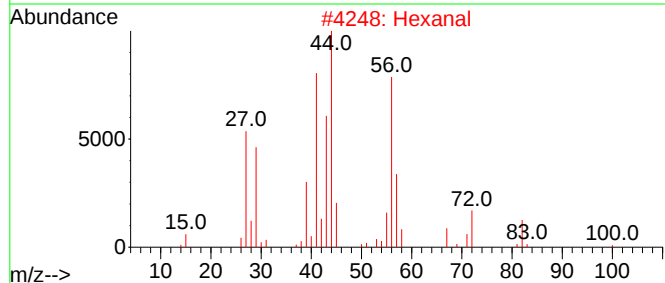
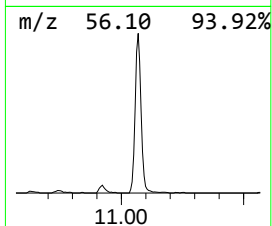
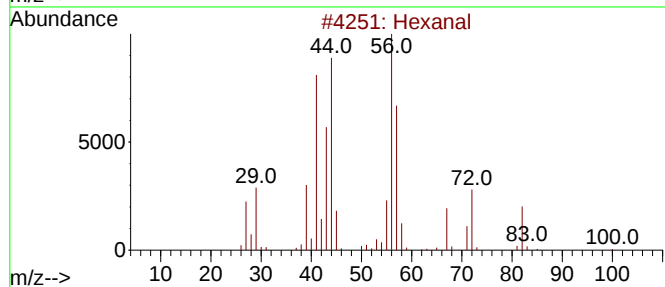
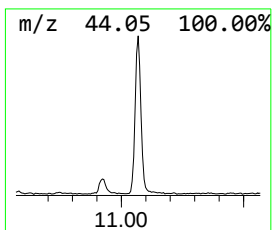
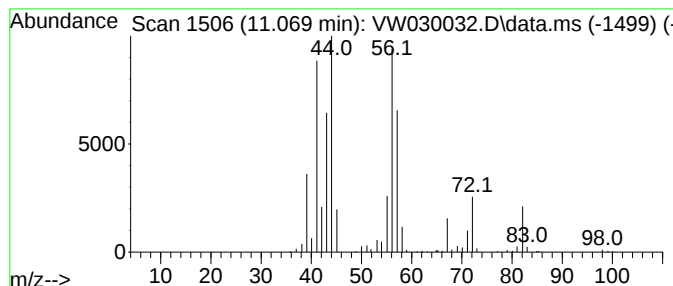
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Quant Title : SFAM01.0

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

Peak Number 5 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	10.43 ug/L	182565	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	97
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	86
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

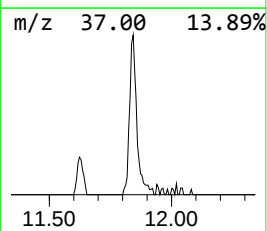
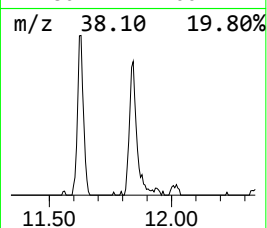
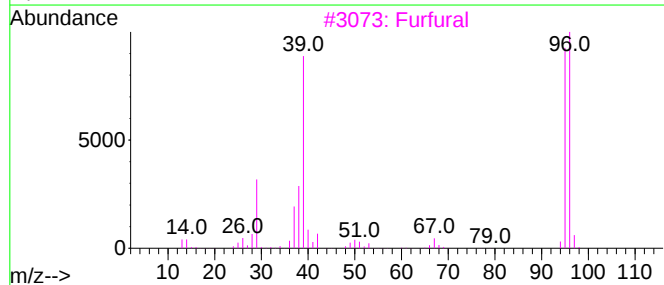
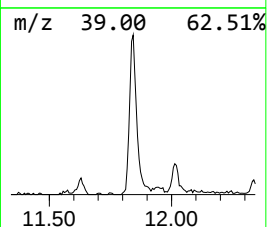
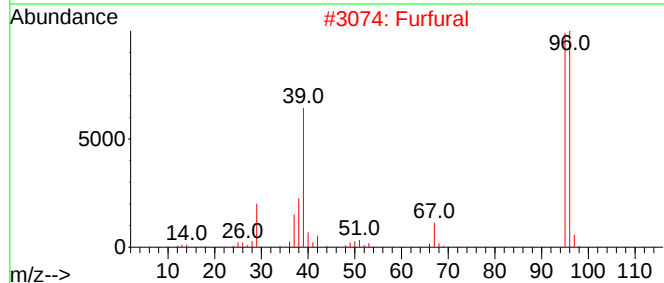
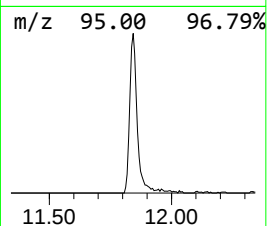
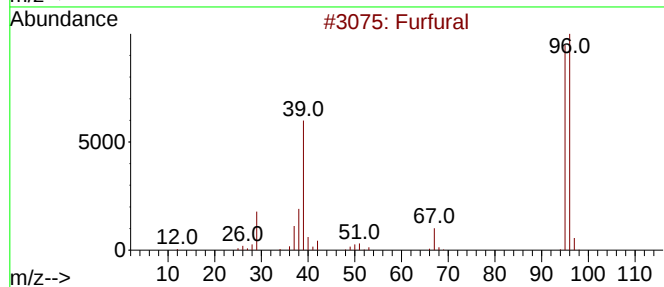
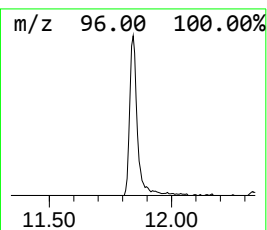
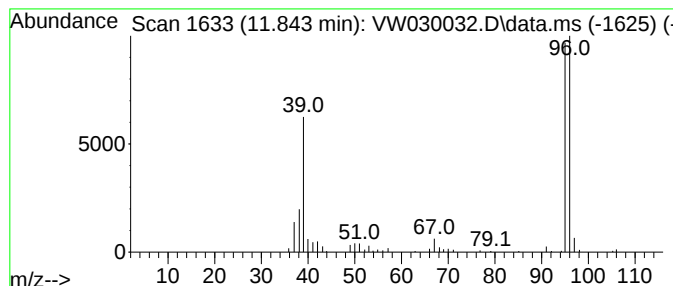
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Quant Title : SFAM01.0

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

Peak Number 6 Furfural Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.843	4.91 ug/L	85839	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	94
2	Furfural			96	C5H4O2	000098-01-1	94
3	Furfural			96	C5H4O2	000098-01-1	91
4	Furfural			96	C5H4O2	000098-01-1	91
5	3-Furaldehyde			96	C5H4O2	000498-60-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

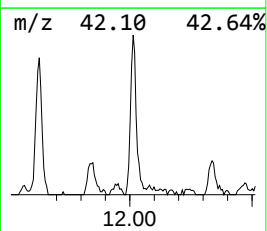
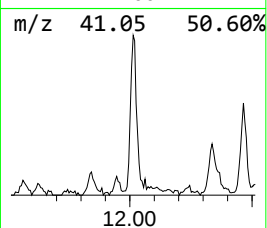
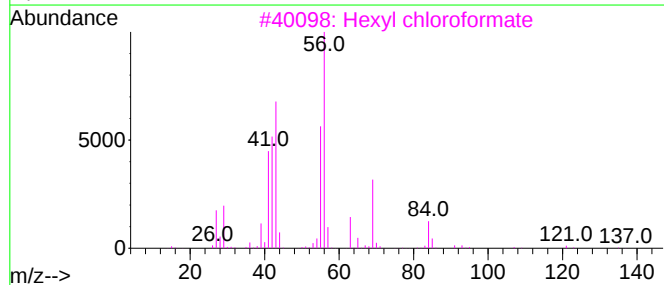
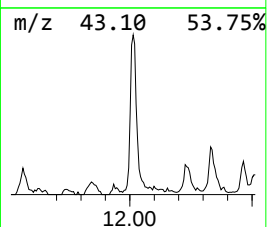
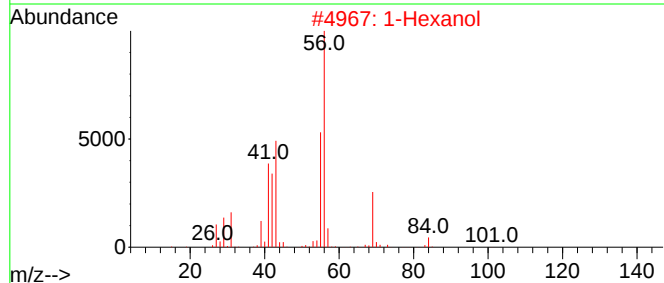
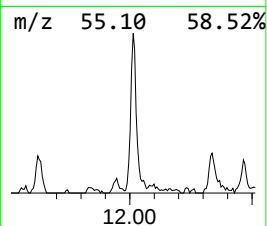
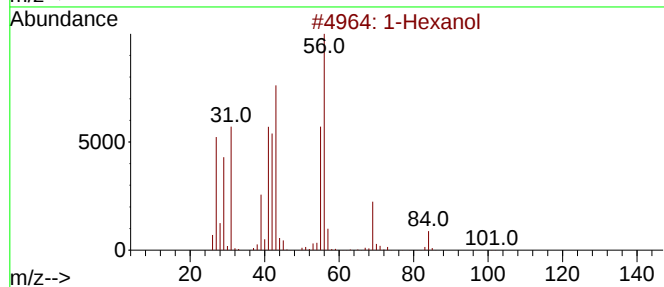
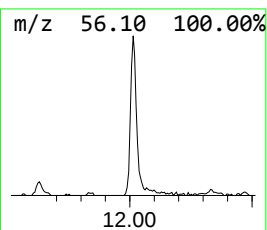
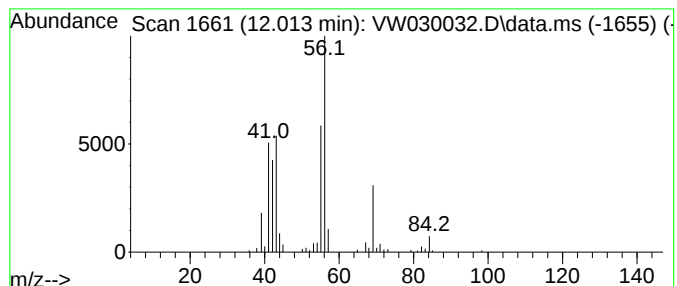
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Quant Title : SFAM01.0

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

Peak Number 7 1-Hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	2.97 ug/L	51907	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol			102	C6H14O	000111-27-3	83
2	1-Hexanol			102	C6H14O	000111-27-3	83
3	Hexyl chloroformate			164	C7H13ClO2	006092-54-2	78
4	Formic acid, hexyl ester			130	C7H14O2	000629-33-4	78
5	1-Hexanol			102	C6H14O	000111-27-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

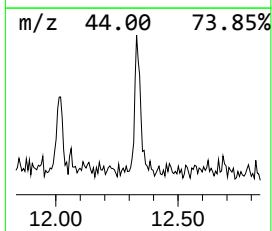
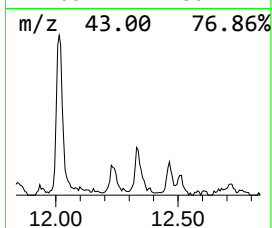
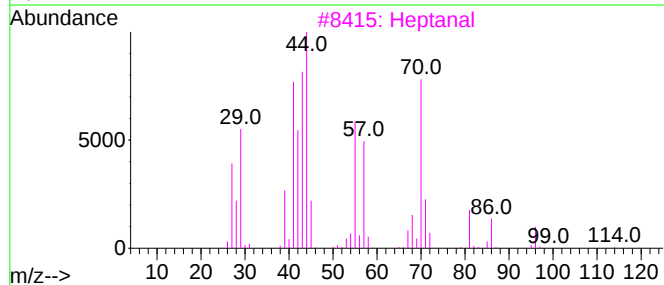
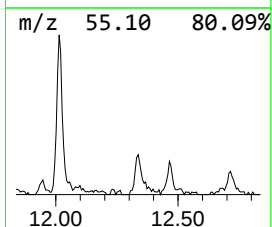
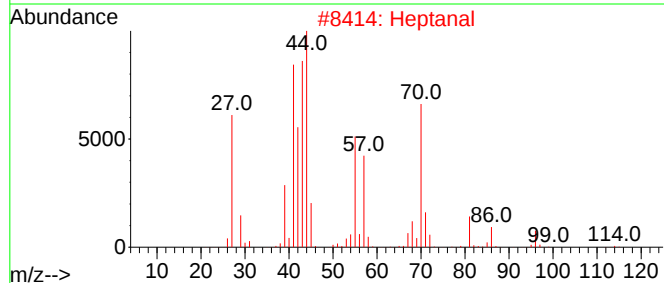
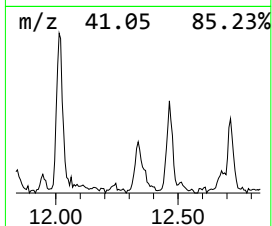
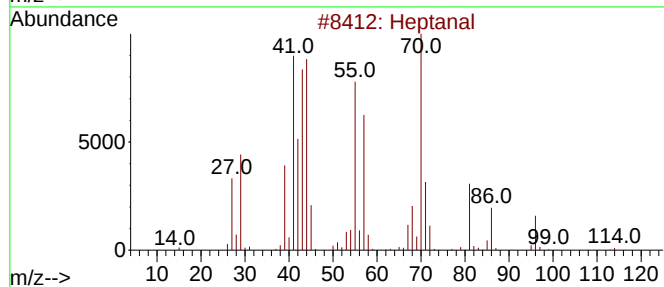
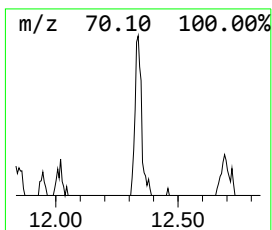
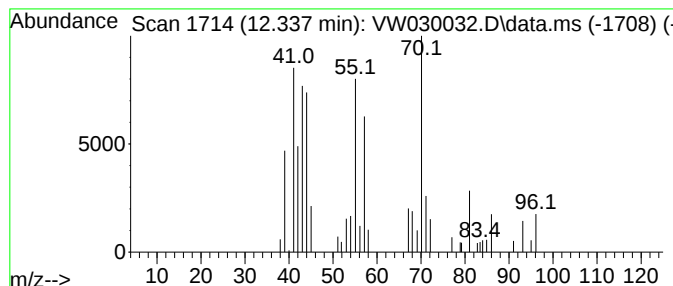
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Quant Title : SFAM01.0

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

Peak Number 8 Heptanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	1.29 ug/L	22541	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	90
2	Heptanal			114	C7H14O	000111-71-7	78
3	Heptanal			114	C7H14O	000111-71-7	78
4	Heptanal			114	C7H14O	000111-71-7	72
5	Heptanal			114	C7H14O	000111-71-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

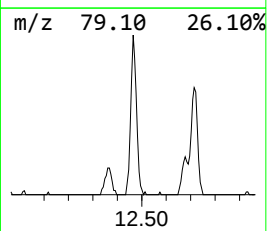
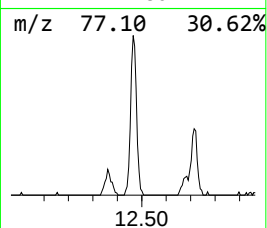
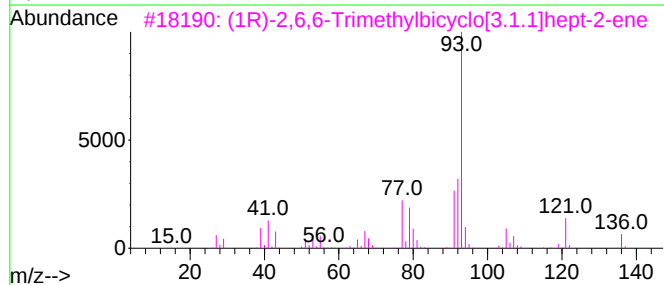
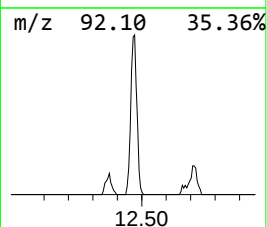
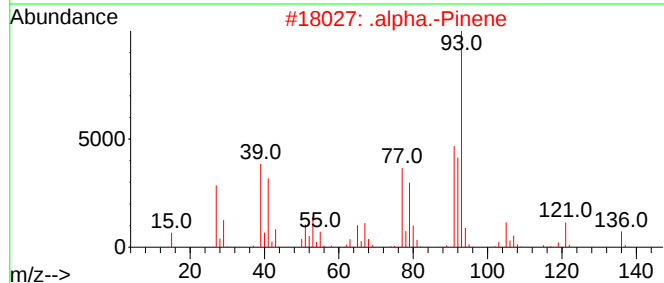
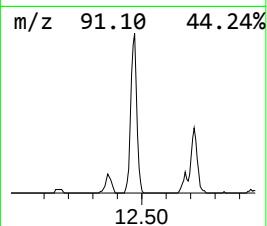
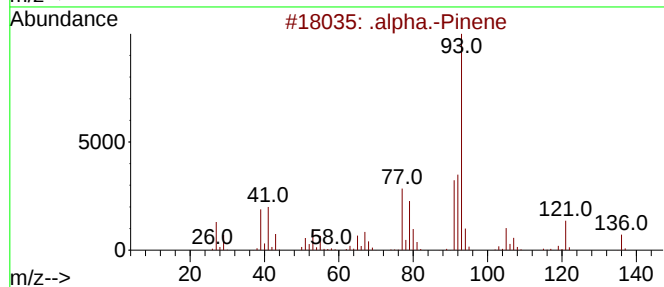
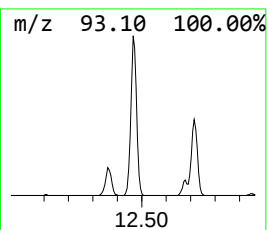
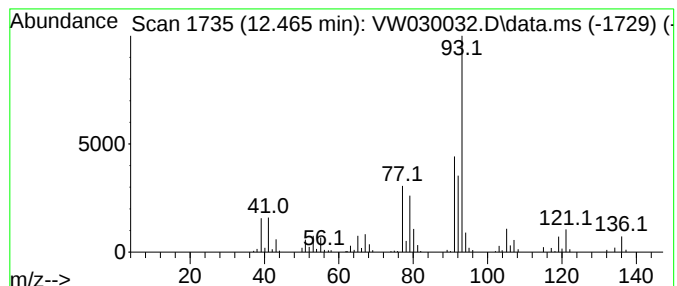
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Quant Title : SFAM01.0

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

Peak Number 9 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	5.26 ug/L	92048	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	.gamma.-Terpinene	136	C10H16	000099-85-4	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\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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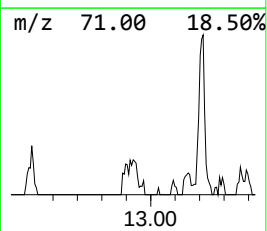
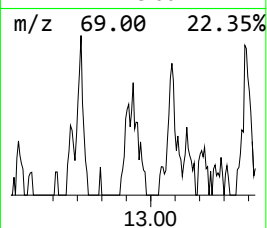
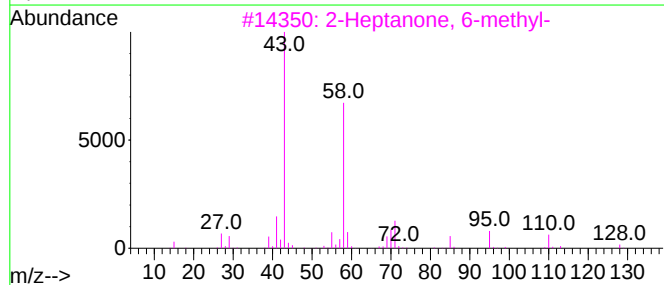
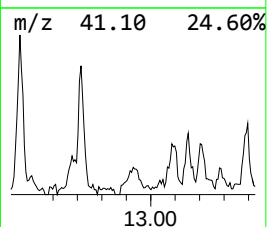
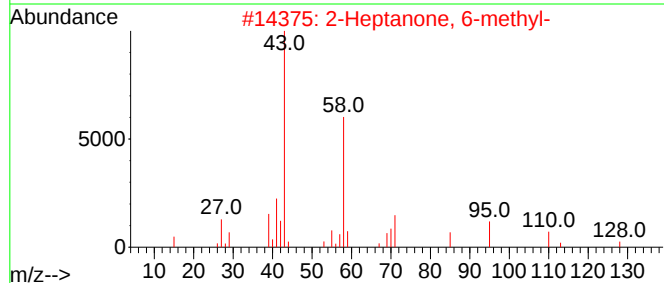
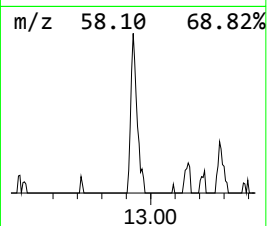
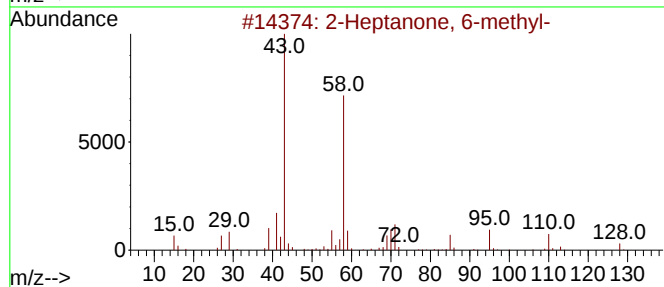
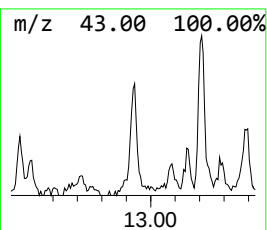
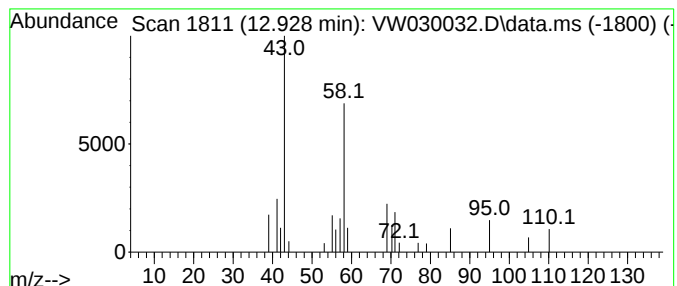
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Quant Title : SFAM01.0

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

Peak Number 11 2-Heptanone, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	1.90 ug/L	15379	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	72
2			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	64
3			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	56
4			Butanimidamide	86	C4H10N2	000107-90-4	38
5			S-[2-[N,N-Dimethylamino]ethyl]mo...	261	C10H19N3O3S	1000212-14-3	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

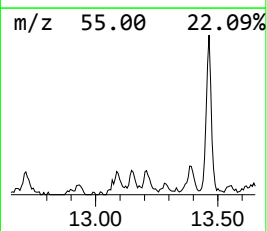
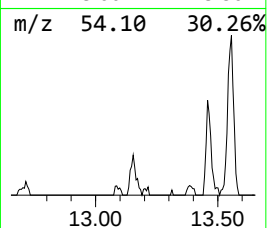
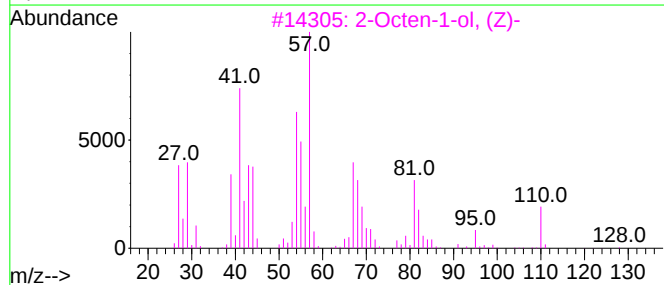
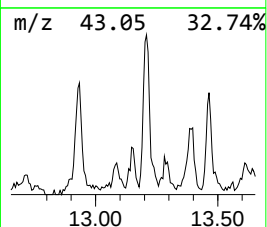
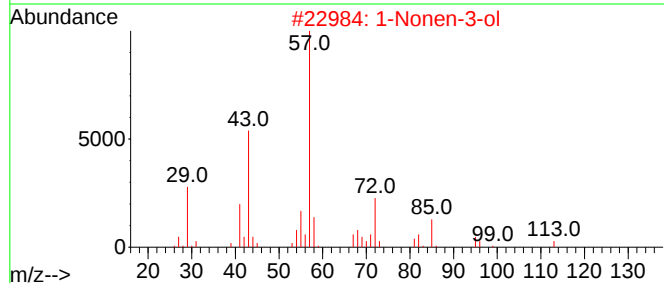
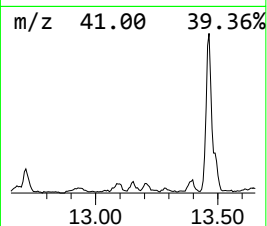
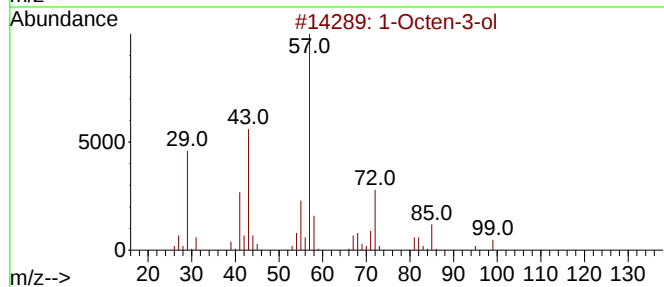
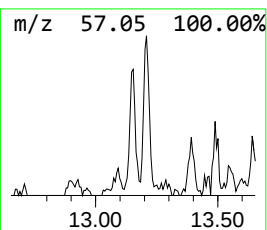
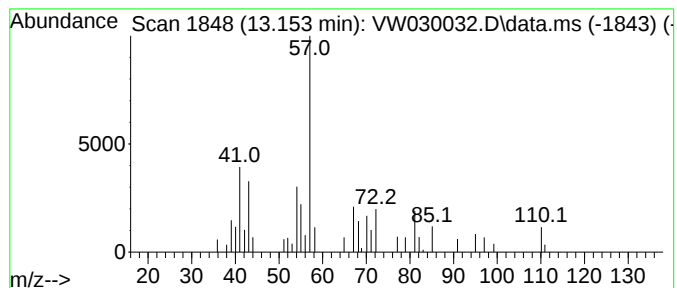
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.153	1.63 ug/L	13217	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			1-Nonen-3-ol	142	C9H18O	021964-44-3	38
3			2-Octen-1-ol, (Z)-	128	C8H16O	026001-58-1	37
4			2-Octen-1-ol, (E)-	128	C8H16O	018409-17-1	37
5			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

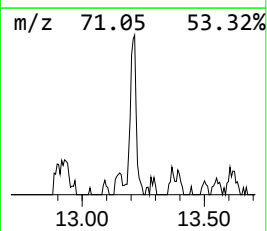
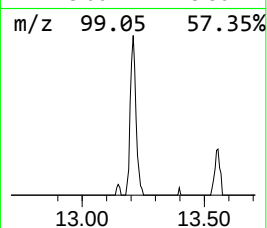
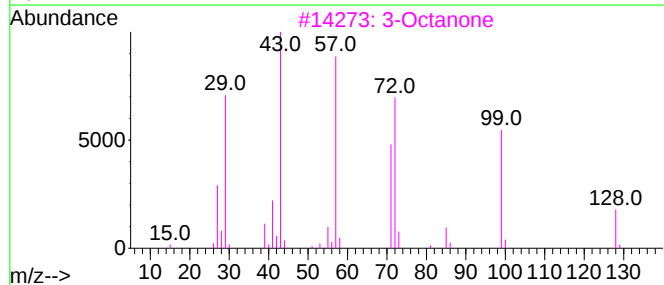
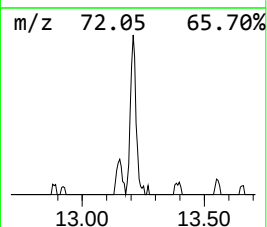
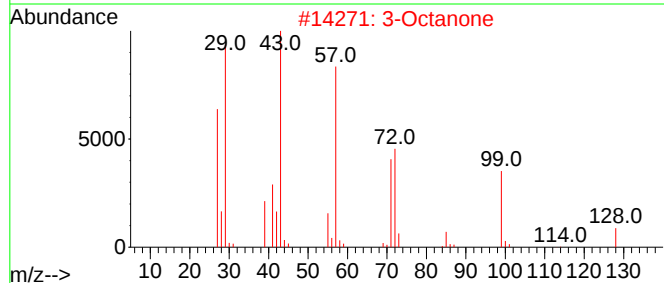
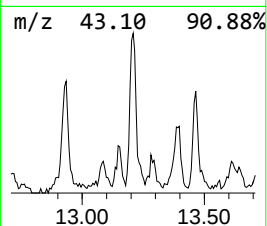
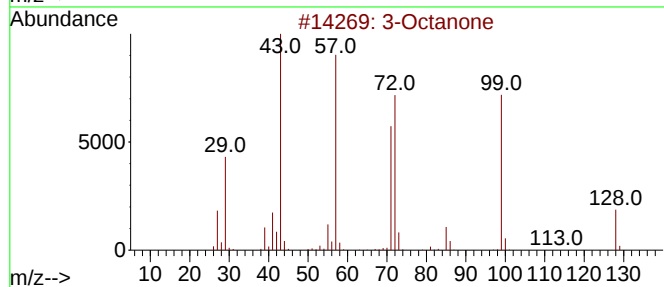
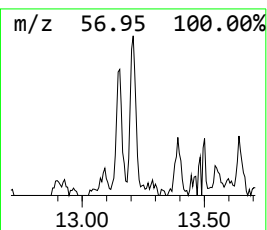
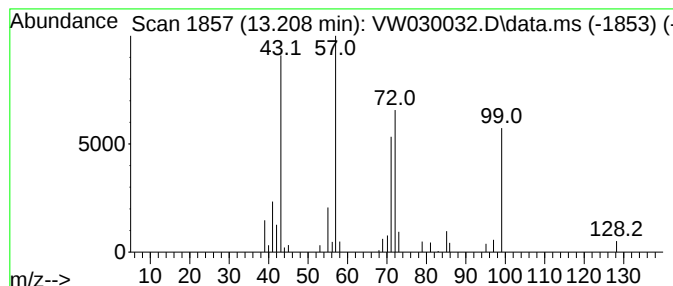
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Quant Title : SFAM01.0

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

Peak Number 13 3-Octanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	2.28 ug/L	18482	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	87
3			3-Octanone	128	C8H16O	000106-68-3	59
4			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	58
5			3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

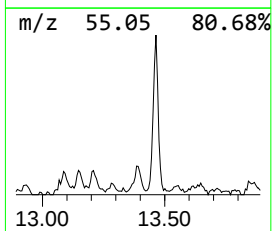
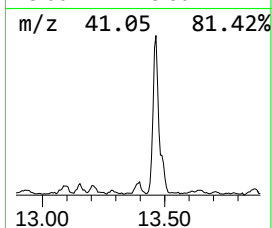
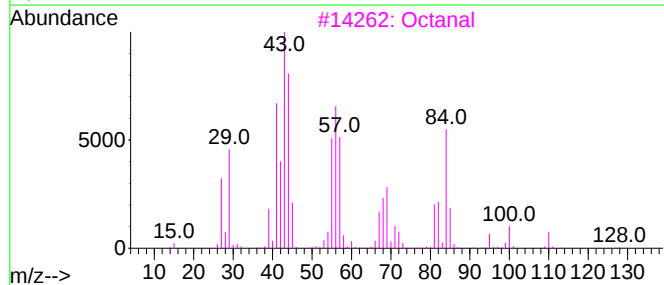
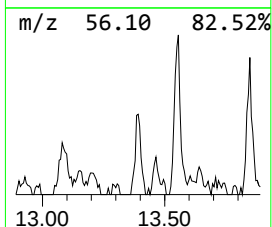
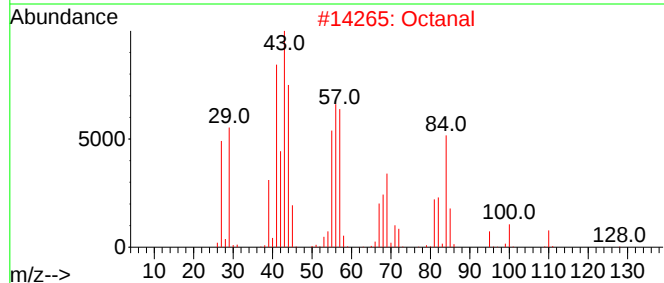
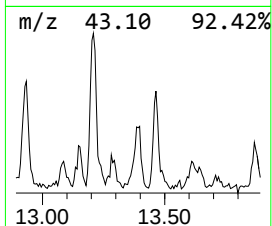
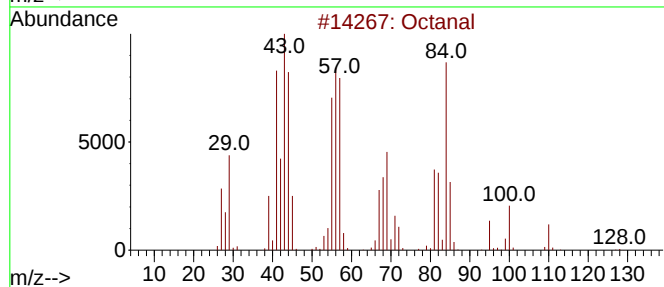
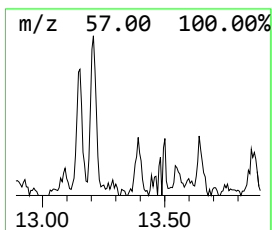
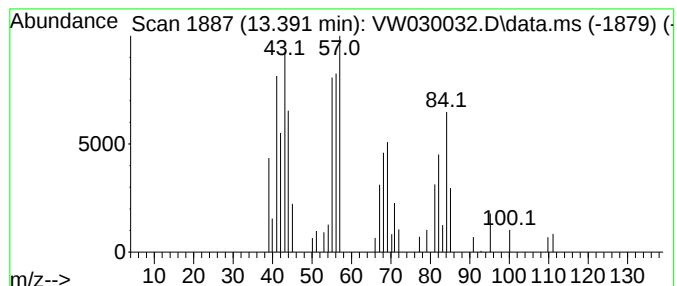
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Quant Title : SFAM01.0

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

Peak Number 14 Octanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	2.36 ug/L	19115	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	72
2	Octanal			128	C8H16O	000124-13-0	64
3	Octanal			128	C8H16O	000124-13-0	64
4	Octanal			128	C8H16O	000124-13-0	59
5	Oxirane, (1-methylbutyl)-			114	C7H14O	053229-39-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

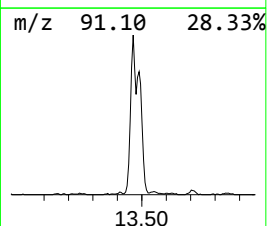
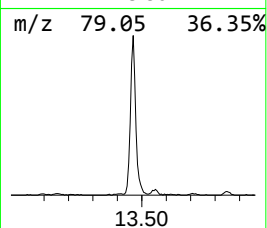
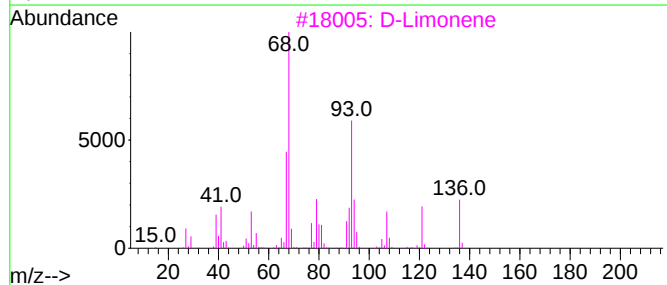
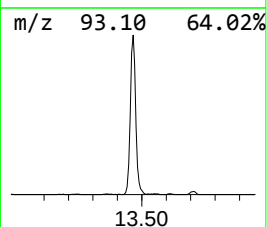
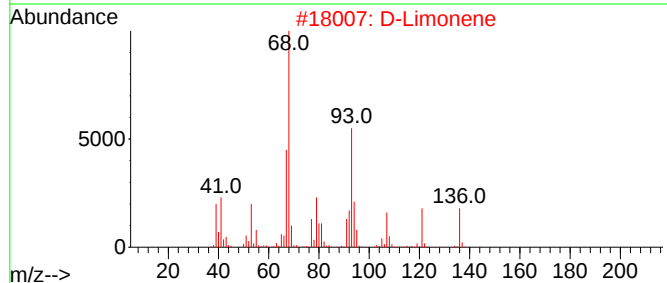
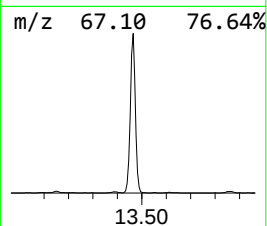
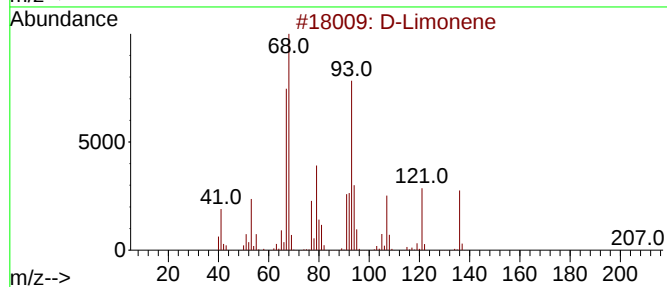
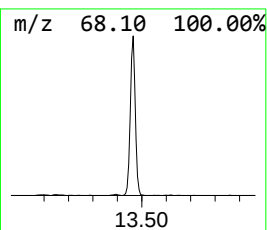
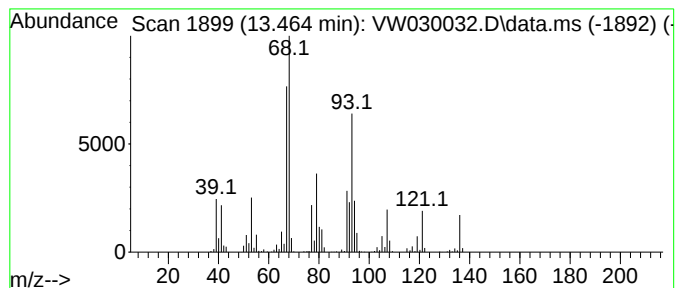
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Quant Title : SFAM01.0

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

Peak Number 15 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	79.03 ug/L	640643	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	97
2	D-Limonene			136	C10H16	005989-27-5	95
3	D-Limonene			136	C10H16	005989-27-5	87
4	Limonene			136	C10H16	000138-86-3	87
5	Limonene			136	C10H16	000138-86-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

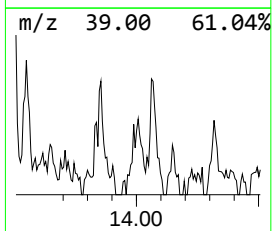
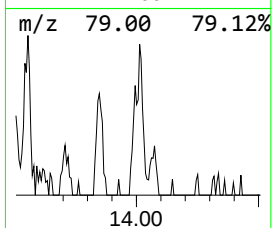
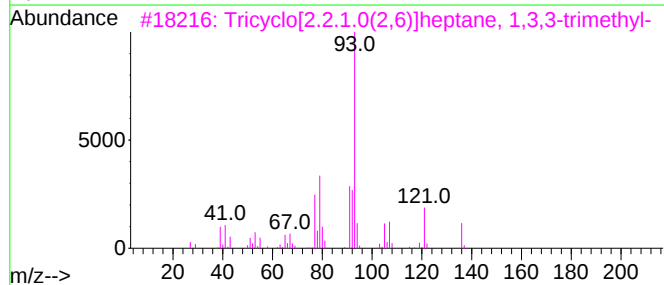
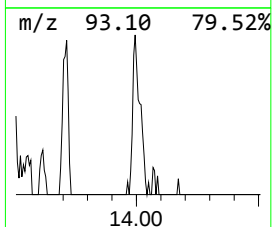
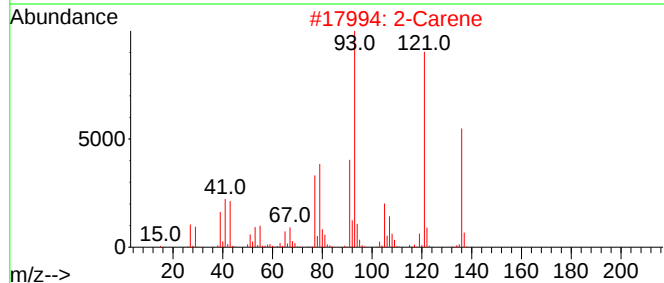
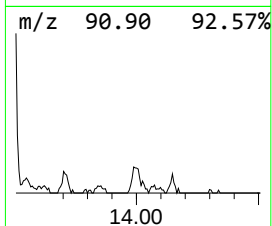
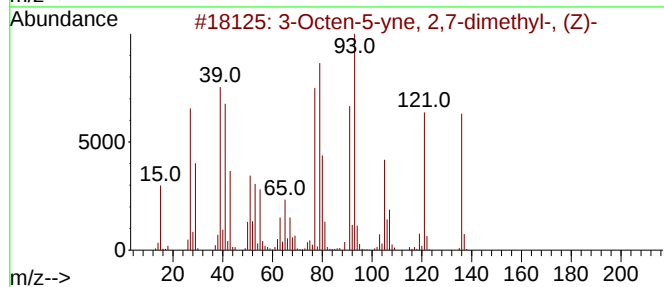
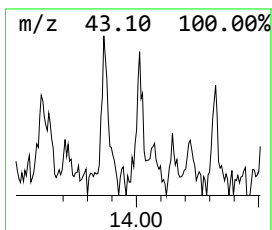
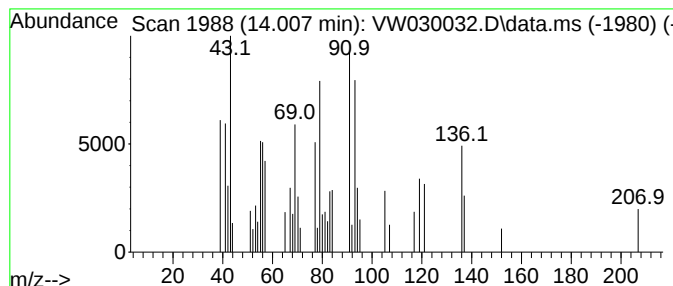
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Quant Title : SFAM01.0

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

Peak Number 16 3-Octen-5-yne, 2,7-dimethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	2.23 ug/L	18085	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octen-5-yne, 2,7-dimethyl-, (Z)-	136	C10H16	028935-76-4	64
2			2-Carene	136	C10H16	000554-61-0	52
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	52
4			.beta.-Ocimene	136	C10H16	013877-91-3	52
5			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

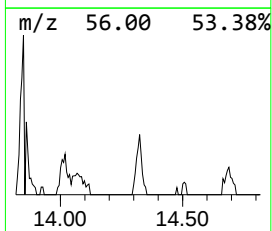
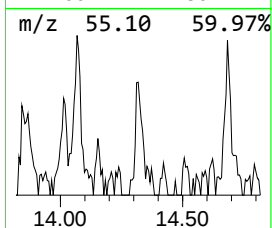
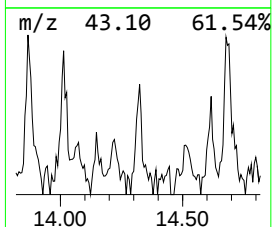
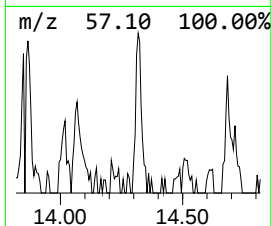
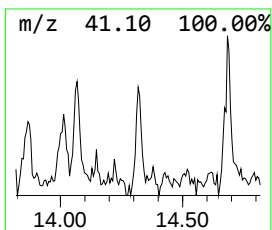
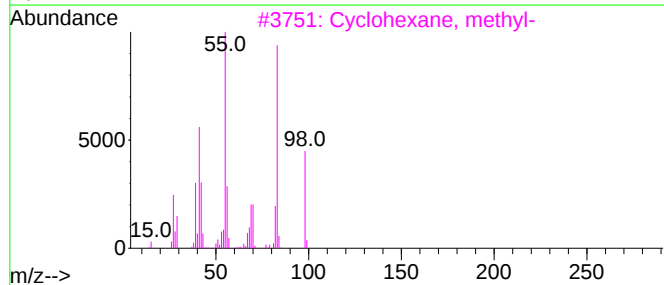
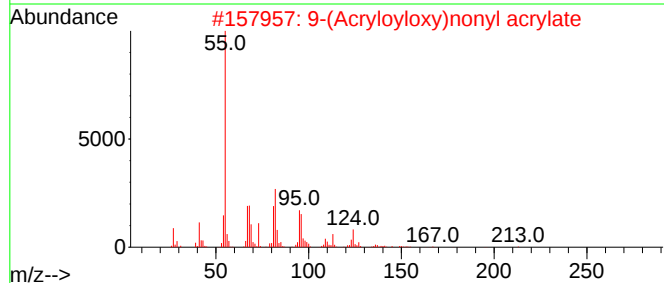
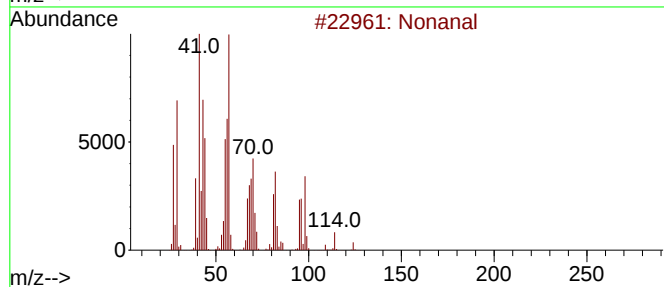
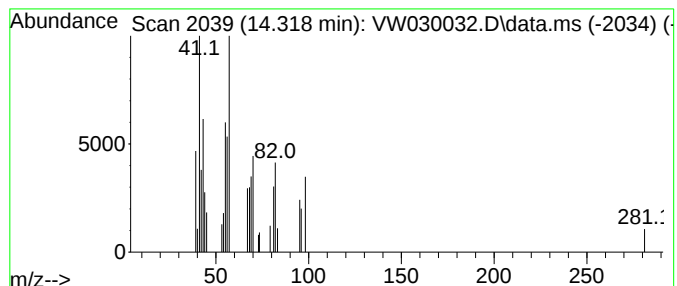
Instrument :
MSVOA_W
ClientSampleId :
DCYI3

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Quant Title : SFAM01.0

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

Peak Number 18 Nonanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.318	1.30 ug/L	10541	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	86
2	9-(Acryloyloxy)nonyl acrylate		268	C15H24O4	107481-28-7	46
3	Cyclohexane, methyl-		98	C7H14	000108-87-2	43
4	Cycloheptane		98	C7H14	000291-64-5	38
5	cis-11-Tetradecen-1-ol		212	C14H28O	034010-15-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

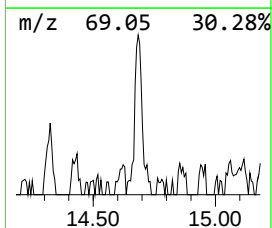
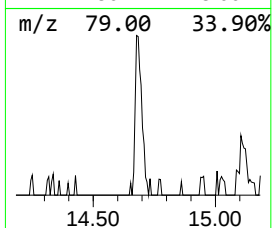
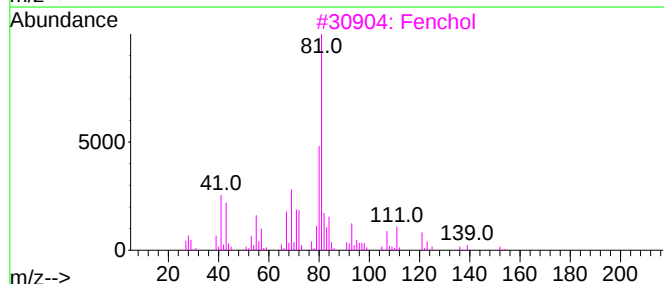
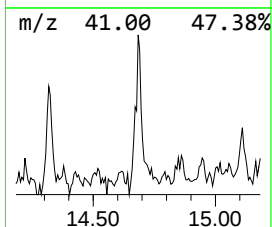
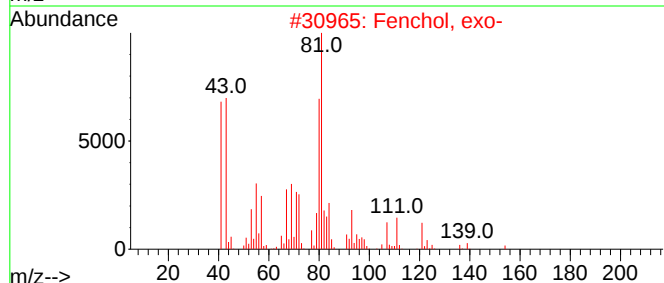
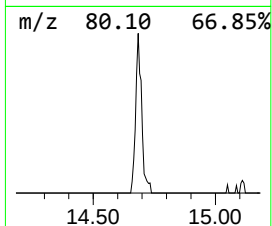
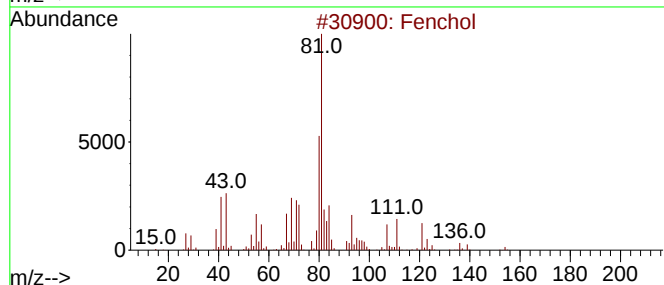
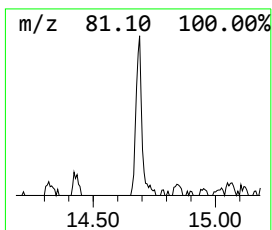
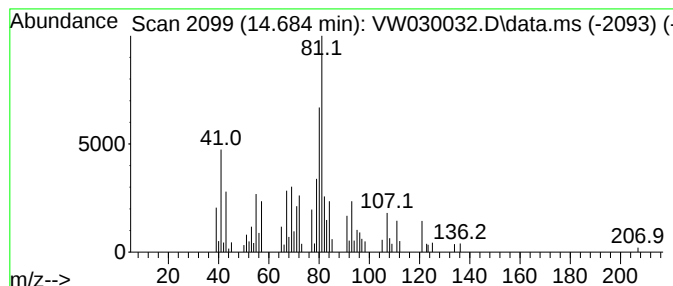
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Quant Title : SFAM01.0

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

Peak Number 19 Fenchol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	3.64 ug/L	29501	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchol	154	C10H18O	001632-73-1	90
2			Fenchol, exo-	154	C10H18O	022627-95-8	86
3			Fenchol	154	C10H18O	001632-73-1	80
4			Fenchol	154	C10H18O	001632-73-1	80
5			Fenchol	154	C10H18O	001632-73-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

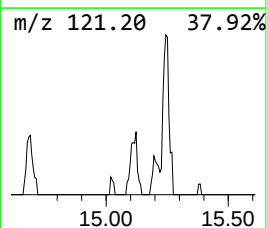
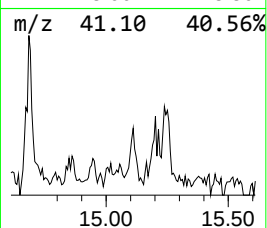
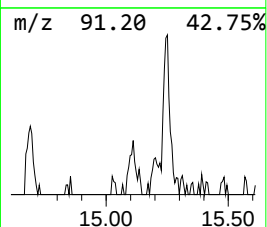
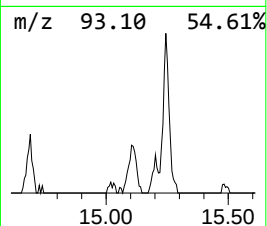
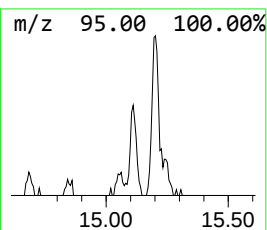
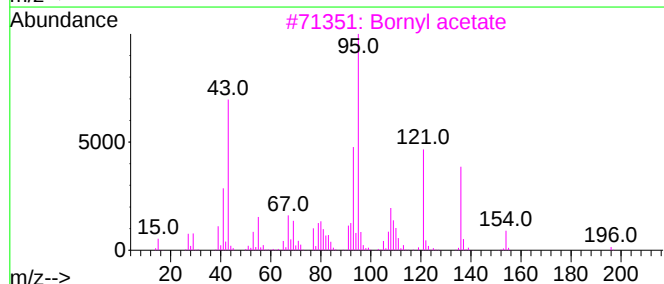
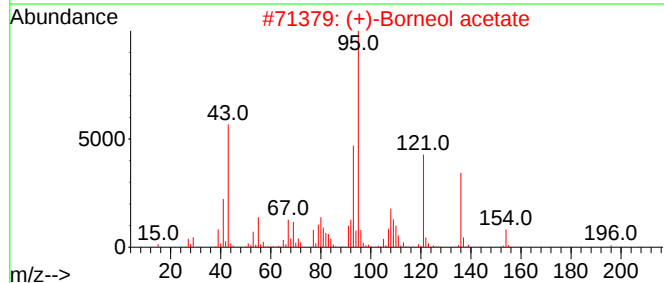
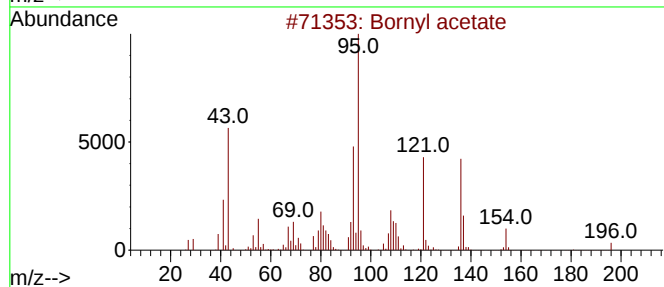
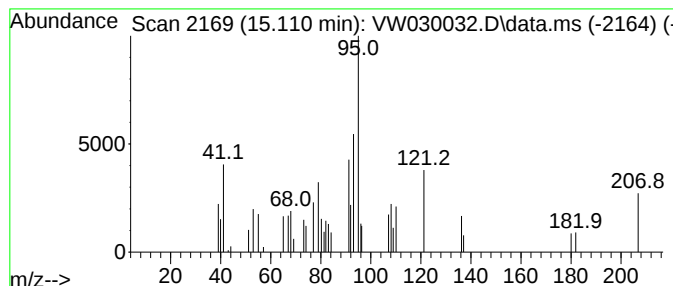
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Quant Title : SFAM01.0

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

Peak Number 20 Bornyl acetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.111	1.42 ug/L	11539	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bornyl acetate	196	C12H20O2	000076-49-3	53
2			(+)-Borneol acetate	196	C12H20O2	020347-65-3	53
3			Bornyl acetate	196	C12H20O2	000076-49-3	53
4			Isobornyl acetate	196	C12H20O2	000125-12-2	53
5			Isobornyl acetate	196	C12H20O2	000125-12-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

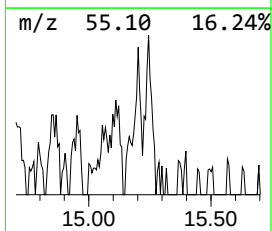
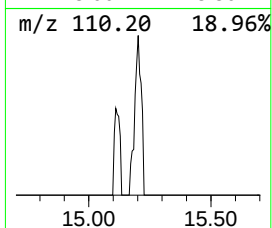
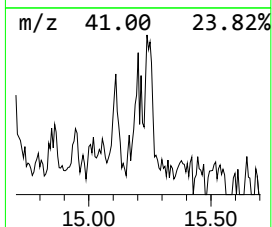
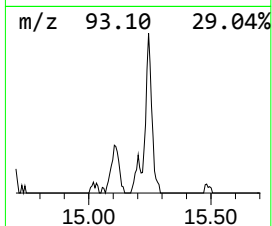
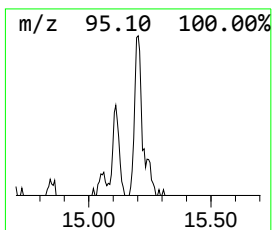
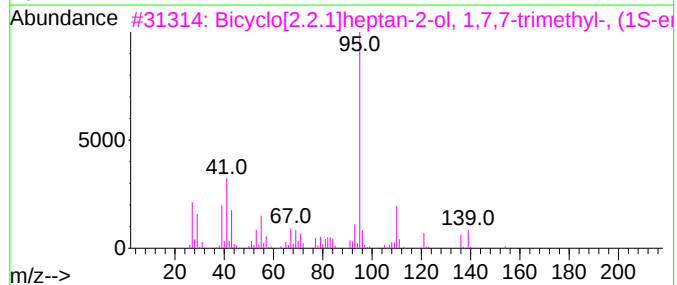
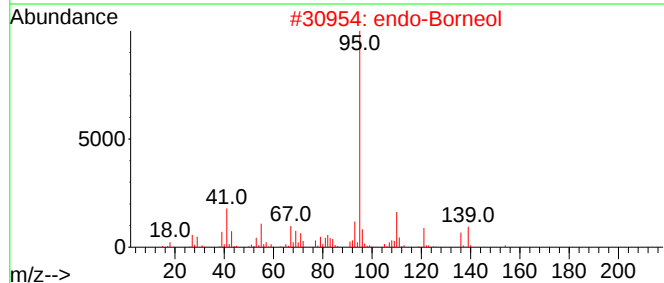
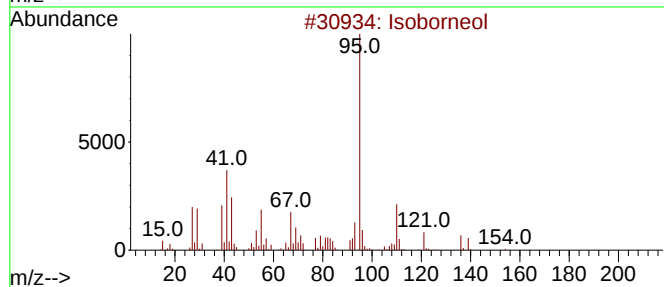
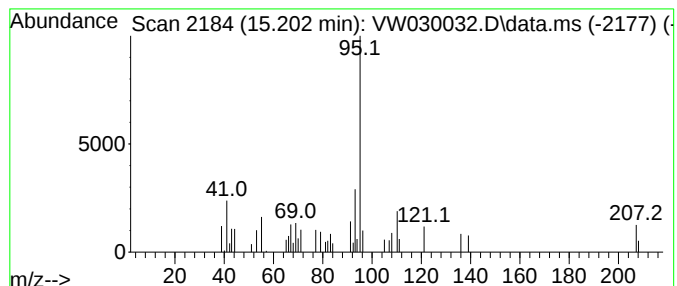
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Quant Title : SFAM01.0

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

Peak Number 21 Isoborneol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	1.46 ug/L	11838	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoborneol	154	C10H18O	000124-76-5	80
2			endo-Borneol	154	C10H18O	000507-70-0	72
3			Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	72
4			Isoborneol	154	C10H18O	000124-76-5	72
5			Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCY13

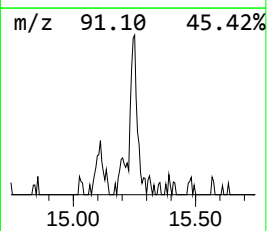
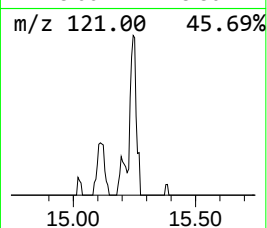
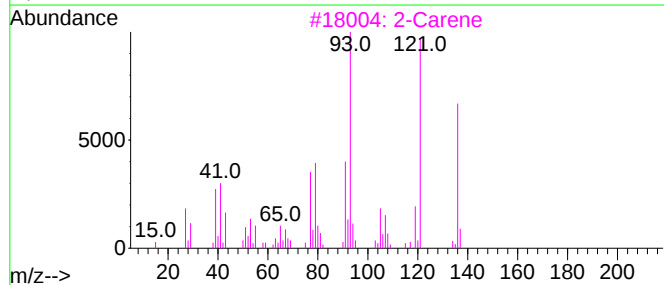
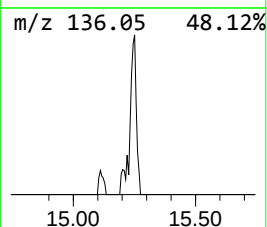
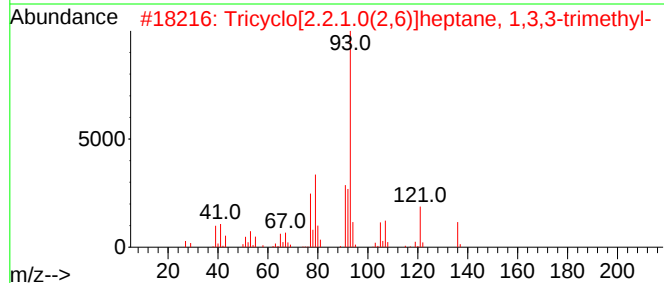
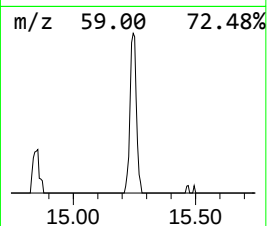
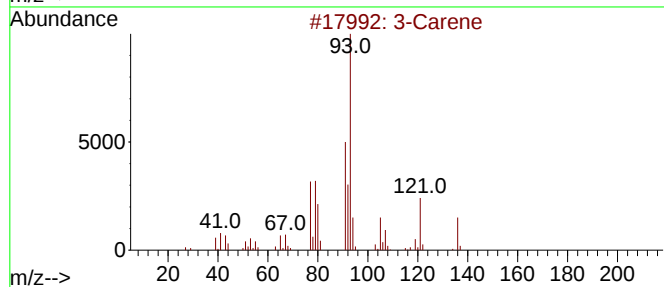
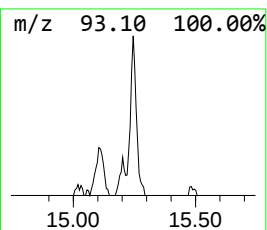
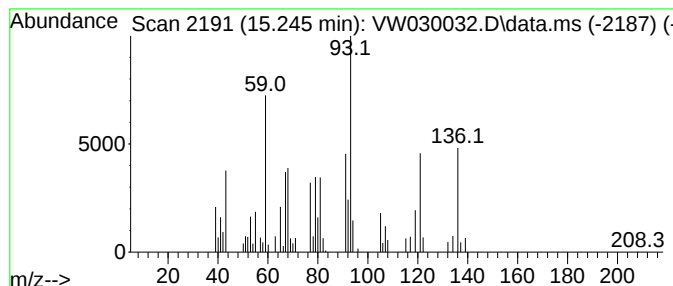
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Quant Title : SFAM01.0

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

Peak Number 22 3-Carene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	3.33 ug/L	26993	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	93
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	78
3			2-Carene	136	C10H16	000554-61-0	64
4			3-Carene	136	C10H16	013466-78-9	64
5			3-Carene	136	C10H16	013466-78-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030032.D
Acq On : 27 Aug 2024 09:56
Operator : SY/MD
Sample : P3721-05
Misc : 4.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.393	1.4	ug/L	32078	1	8.843	593433	25.0
2-Ethyl-oxetane	5.941	1.6	ug/L	37421	1	8.843	593433	25.0
2-Butanone, 3-m...	8.703	1.6	ug/L	37076	1	8.843	593433	25.0
Hexanal	11.069	10.4	ug/L	182565	2	11.629	437446	25.0
Furfural	11.843	4.9	ug/L	85839	2	11.629	437446	25.0
1-Hexanol	12.014	3.0	ug/L	51907	2	11.629	437446	25.0
Heptanal	12.337	1.3	ug/L	22541	2	11.629	437446	25.0
.alpha.-Pinene	12.465	5.3	ug/L	92048	2	11.629	437446	25.0
2-Heptanone, 6-...	12.928	1.9	ug/L	15379	3	13.556	202662	25.0
unknown-01	13.153	1.6	ug/L	13217	3	13.556	202662	25.0
3-Octanone	13.208	2.3	ug/L	18482	3	13.556	202662	25.0
Octanal	13.391	2.4	ug/L	19115	3	13.556	202662	25.0
D-Limonene	13.464	79.0	ug/L	640643	3	13.556	202662	25.0
3-Octen-5-yne, ...	14.007	2.2	ug/L	18085	3	13.556	202662	25.0
Nonanal	14.318	1.3	ug/L	10541	3	13.556	202662	25.0
Fenchol	14.684	3.6	ug/L	29501	3	13.556	202662	25.0
Bornyl acetate	15.111	1.4	ug/L	11539	3	13.556	202662	25.0
Isoborneol	15.202	1.5	ug/L	11838	3	13.556	202662	25.0
3-Carene	15.245	3.3	ug/L	26993	3	13.556	202662	25.0