

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020627.D
 Acq On : 20 Oct 2021 00:01
 Operator : SY/VA
 Sample : M4263-10
 Misc : 5.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7F5

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	66	72	83	rVB	80834	129446	9.82%	1.230%
2	2.489	90	96	105	rVB	24481	43895	3.33%	0.417%
3	2.800	139	147	152	rBV2	2043	4295	0.33%	0.041%
4	2.873	153	159	172	rVB	31039	64648	4.90%	0.614%
5	3.013	179	182	189	rVB5	2124	4744	0.36%	0.045%
6	3.282	224	226	227	rBV3	446	391	0.03%	0.004%
7	3.373	234	241	251	rVB	15299	35190	2.67%	0.334%
8	3.544	265	269	271	rBV4	296	503	0.04%	0.005%
9	3.727	291	299	306	rVB4	1464	3680	0.28%	0.035%
10	3.842	314	318	321	rVB2	245	357	0.03%	0.003%
11	3.885	321	325	327	rBV2	388	530	0.04%	0.005%
12	4.007	334	345	357	rBV2	114868	358449	27.19%	3.407%
13	4.123	357	364	378	rVB	29459	80788	6.13%	0.768%
14	4.239	378	383	384	rBV2	308	459	0.03%	0.004%
15	4.379	400	406	408	rBV	765	1403	0.11%	0.013%
16	4.397	408	409	420	rVB2	893	1723	0.13%	0.016%
17	4.672	443	454	470	rBV	21729	64696	4.91%	0.615%
18	4.915	484	494	500	rBV3	3614	11773	0.89%	0.112%
19	5.001	501	508	522	rVB2	8000	27481	2.08%	0.261%
20	5.787	627	637	648	rBV2	3198	10529	0.80%	0.100%
21	5.940	652	662	671	rBV4	3770	11260	0.85%	0.107%
22	6.110	685	690	691	rBV2	685	1001	0.08%	0.010%
23	6.897	809	819	830	rBV2	13421	37312	2.83%	0.355%
24	7.080	839	849	860	rBV	27039	75833	5.75%	0.721%
25	7.177	860	865	876	rVB2	2381	6214	0.47%	0.059%
26	7.647	930	942	958	rBV	166127	402455	30.52%	3.825%
27	7.781	958	964	969	rBV5	987	2407	0.18%	0.023%
28	7.970	989	995	1002	rBV3	380	724	0.05%	0.007%
29	8.275	1035	1045	1062	rBV2	331730	986317	74.81%	9.374%
30	8.555	1087	1091	1107	rVB3	7803	21140	1.60%	0.201%
31	8.695	1107	1114	1127	rBV4	9014	24654	1.87%	0.234%
32	8.842	1129	1138	1148	rBV	307793	596626	45.25%	5.671%
33	9.049	1163	1172	1180	rBV5	2122	5208	0.39%	0.049%
34	9.146	1185	1188	1194	rVB3	365	777	0.06%	0.007%
35	9.274	1199	1209	1219	rBV	236227	474408	35.98%	4.509%
36	9.408	1223	1231	1241	rVV	109327	199812	15.15%	1.899%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Title : SFAM01.0

37	9.549	1252	1254	1259	rVB3	764	1169	0.09%	0.011%
38	9.665	1268	1273	1277	rVV3	392	670	0.05%	0.006%
39	9.927	1311	1316	1318	rBV3	499	749	0.06%	0.007%
40	10.036	1325	1334	1343	rBV	120386	215707	16.36%	2.050%
41	10.219	1359	1364	1369	rBV3	286	439	0.03%	0.004%
42	10.323	1372	1381	1388	rBV	461757	801524	60.79%	7.618%
43	10.390	1388	1392	1404	rVB	20280	38820	2.94%	0.369%
44	10.506	1404	1411	1417	rBV3	5040	10711	0.81%	0.102%
45	10.579	1417	1423	1438	rVB	77896	142397	10.80%	1.353%
46	10.701	1438	1443	1447	rBV3	4262	7799	0.59%	0.074%
47	10.738	1447	1449	1458	rVB2	3708	5873	0.45%	0.056%
48	10.841	1461	1466	1473	rVB4	847	1764	0.13%	0.017%
49	10.927	1473	1480	1492	rBV	114218	195968	14.86%	1.863%
50	11.067	1496	1503	1517	rBV	799638	1318493	100.00%	12.531%
51	11.311	1539	1543	1546	rBV3	313	514	0.04%	0.005%
52	11.414	1554	1560	1566	rVB4	1297	2692	0.20%	0.026%
53	11.567	1578	1585	1588	rBV2	993	1693	0.13%	0.016%
54	11.628	1588	1595	1604	rVV	395436	662690	50.26%	6.298%
55	11.707	1604	1608	1609	rVV3	1655	2020	0.15%	0.019%
56	11.743	1610	1614	1620	rVV4	3780	7054	0.54%	0.067%
57	11.835	1623	1629	1641	rVB	13235	25679	1.95%	0.244%
58	11.945	1641	1647	1653	rBV4	9611	16935	1.28%	0.161%
59	12.012	1653	1658	1667	rVB	9752	16805	1.27%	0.160%
60	12.164	1677	1683	1689	rVB3	2739	6031	0.46%	0.057%
61	12.231	1689	1694	1704	rVB	2852	5976	0.45%	0.057%
62	12.335	1704	1711	1719	rBV	125925	198245	15.04%	1.884%
63	12.512	1735	1740	1746	rVB2	1625	2907	0.22%	0.028%
64	12.603	1748	1755	1763	rVV2	8194	16009	1.21%	0.152%
65	12.688	1763	1769	1777	rVV	142898	239790	18.19%	2.279%
66	12.755	1777	1780	1785	rVV5	876	1319	0.10%	0.013%
67	12.810	1785	1789	1794	rVB2	1662	2308	0.18%	0.022%
68	12.902	1798	1804	1805	rBV3	3338	5192	0.39%	0.049%
69	12.932	1806	1809	1818	rVV4	6633	12980	0.98%	0.123%
70	13.042	1822	1827	1830	rBV3	5936	8907	0.68%	0.085%
71	13.097	1830	1836	1841	rVV3	15152	29908	2.27%	0.284%
72	13.152	1842	1845	1848	rVV2	4827	7632	0.58%	0.073%
73	13.213	1848	1855	1862	rVV	639053	947349	71.85%	9.004%
74	13.286	1862	1867	1878	rVV	62313	108835	8.25%	1.034%
75	13.396	1878	1885	1894	rVV	182645	275788	20.92%	2.621%
76	13.487	1895	1900	1905	rVV3	5436	13629	1.03%	0.130%

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77	13.554	1905	1911	1923	rVV	299146	482907	36.63%	4.590%
78	13.646	1923	1926	1933	rVB2	5254	8165	0.62%	0.078%
79	13.798	1948	1951	1953	rBV3	1525	1497	0.11%	0.014%
80	13.853	1953	1960	1966	rVV	254464	414718	31.45%	3.942%
81	13.920	1966	1971	1982	rVB	42032	70436	5.34%	0.669%
82	14.017	1982	1987	1991	rBV2	16851	27229	2.07%	0.259%
83	14.066	1991	1995	2003	rVV	39047	65272	4.95%	0.620%
84	14.145	2003	2008	2013	rVB	22914	34086	2.59%	0.324%
85	14.322	2031	2037	2047	rBV	110742	166616	12.64%	1.584%
86	14.523	2066	2070	2075	rVB3	2161	3225	0.24%	0.031%
87	14.621	2081	2086	2089	rBV2	1744	2451	0.19%	0.023%
88	14.725	2098	2103	2109	rVB6	1639	3282	0.25%	0.031%
89	14.786	2109	2113	2116	rBV5	371	673	0.05%	0.006%
90	14.865	2122	2126	2133	rVB7	1085	2589	0.20%	0.025%
91	14.950	2133	2140	2144	rBV	23765	39072	2.96%	0.371%
92	14.993	2144	2147	2157	rVB	13055	21917	1.66%	0.208%
93	15.176	2169	2177	2185	rVB4	12815	25654	1.95%	0.244%
94	15.249	2185	2189	2192	rBV3	874	1291	0.10%	0.012%
95	15.487	2224	2228	2231	rBV	1604	2600	0.20%	0.025%
96	15.603	2243	2247	2248	rBV4	449	519	0.04%	0.005%
97	15.663	2252	2257	2264	rVV6	451	1271	0.10%	0.012%
98	15.846	2281	2287	2298	rBV2	41715	78592	5.96%	0.747%
99	15.962	2300	2306	2315	rVB4	5836	12726	0.97%	0.121%
100	16.090	2323	2327	2332	rVB4	1645	2679	0.20%	0.025%

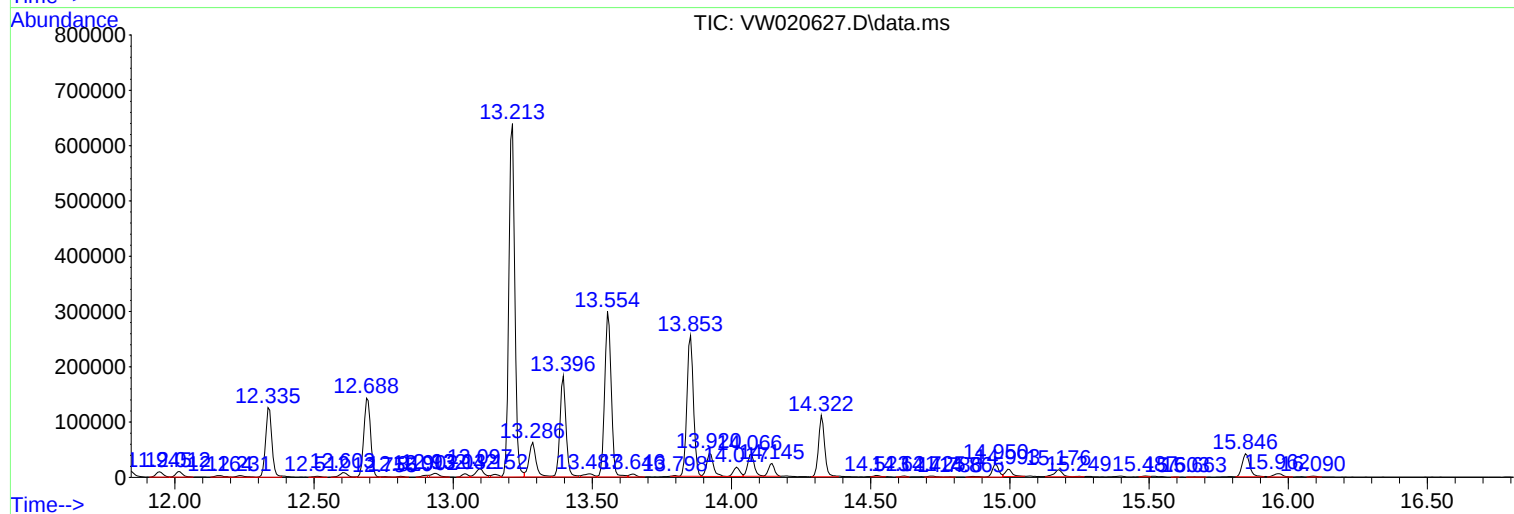
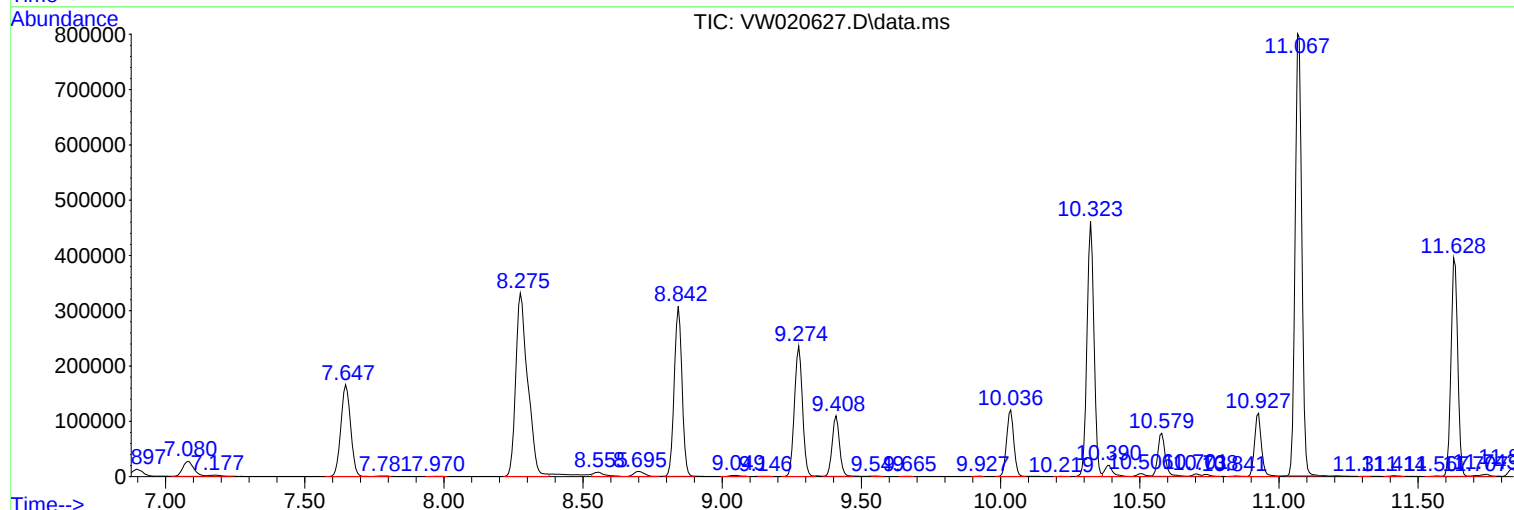
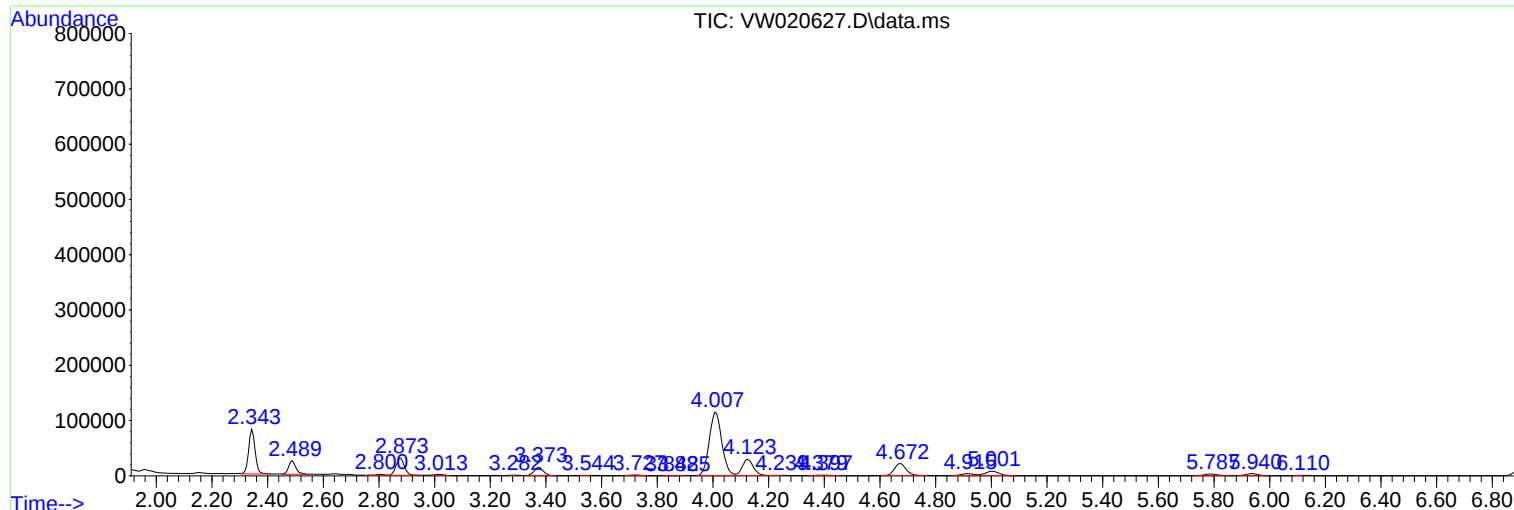
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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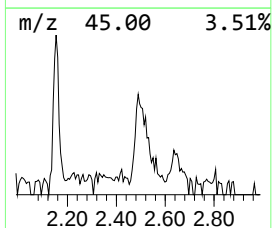
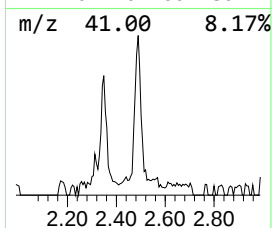
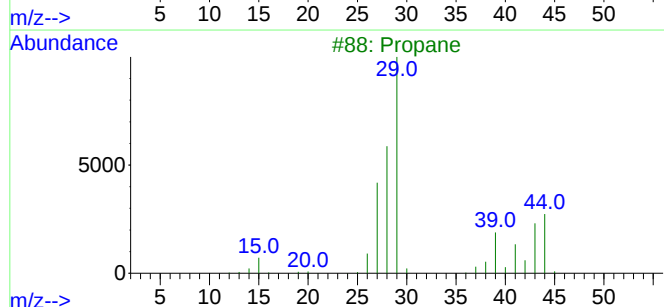
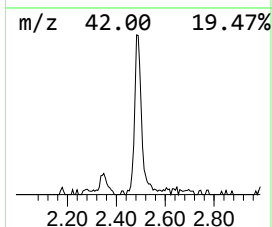
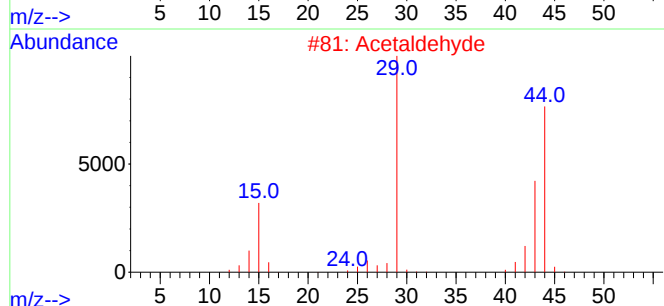
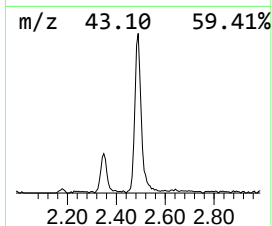
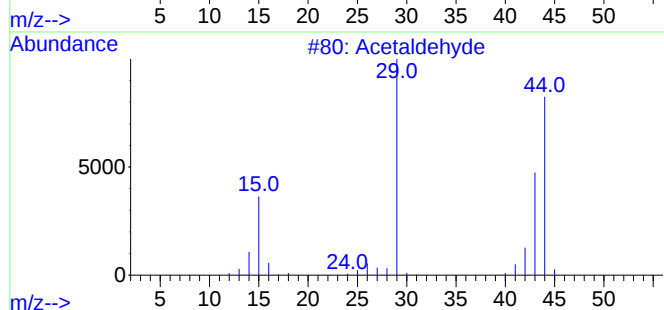
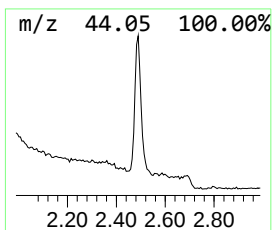
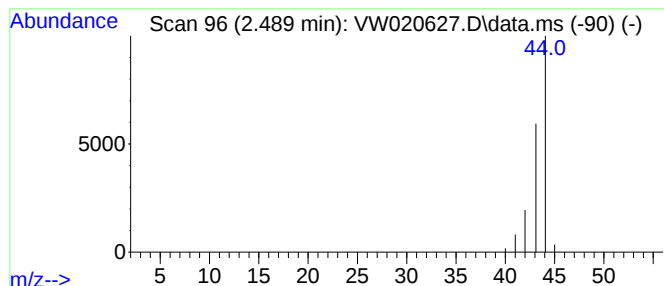
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.84 ug/L	43895	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Propane	44	C3H8	000074-98-6	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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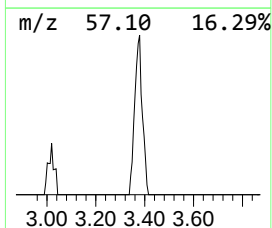
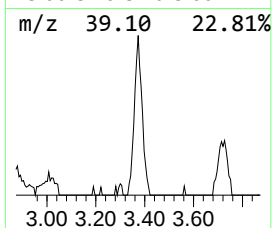
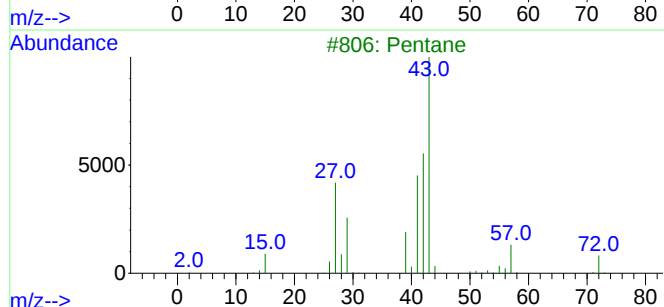
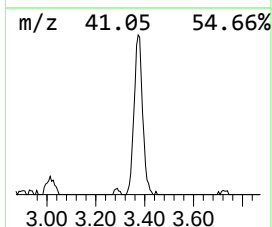
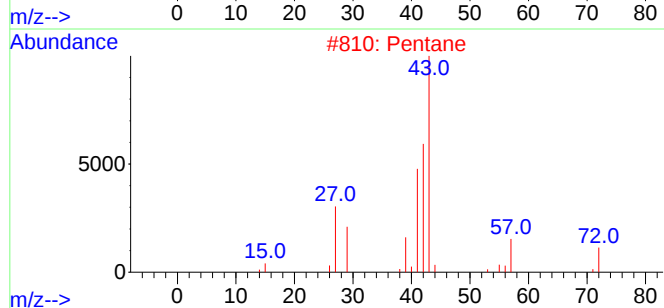
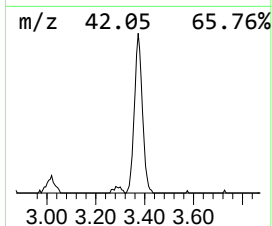
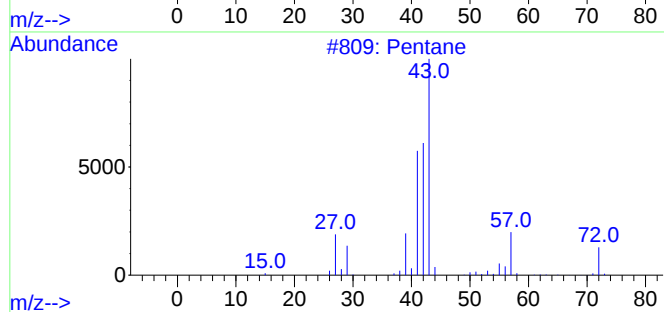
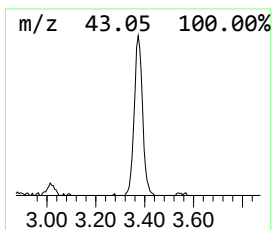
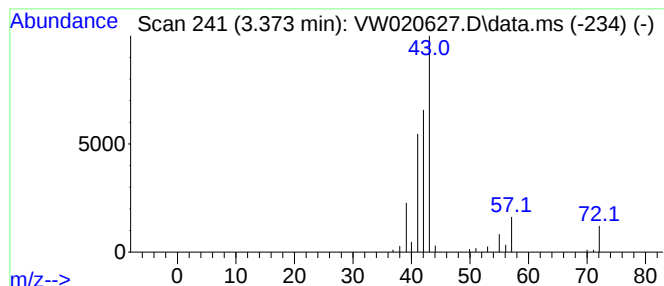
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.373	1.47 ug/L	35190	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	91
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	78
5	Pentane			72	C5H12	000109-66-0	72



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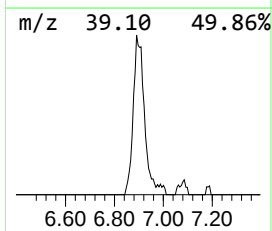
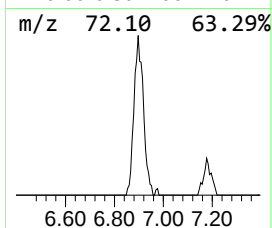
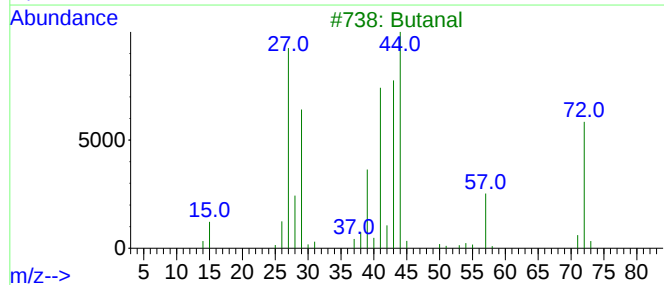
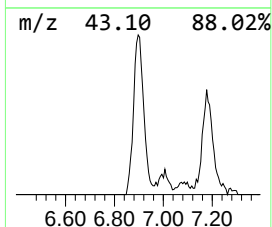
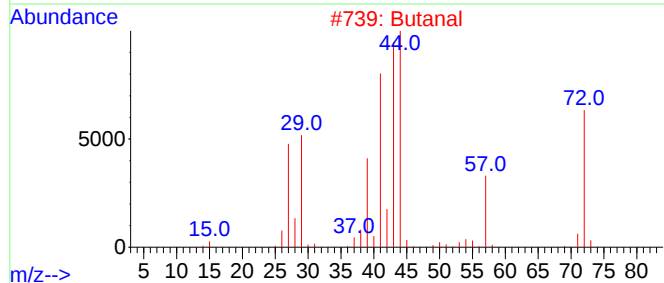
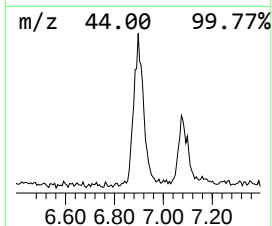
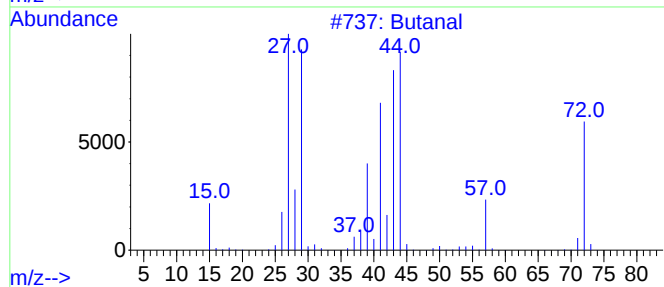
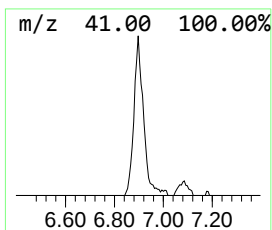
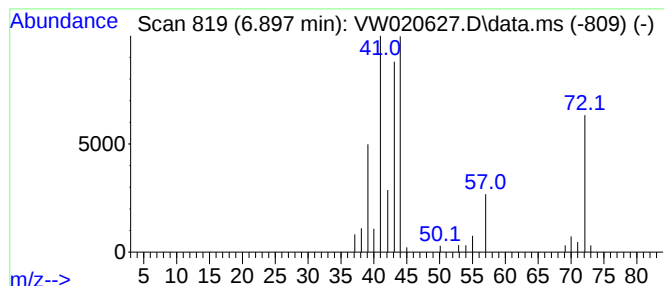
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Butanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.897	1.56 ug/L	37312	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal	72	C4H8O	000123-72-8	87
2			Butanal	72	C4H8O	000123-72-8	86
3			Butanal	72	C4H8O	000123-72-8	64
4			Butanal	72	C4H8O	000123-72-8	58
5			Ethene, ethoxy-	72	C4H8O	000109-92-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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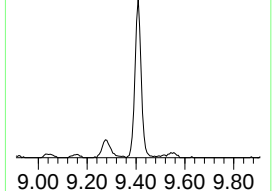
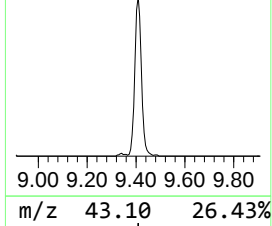
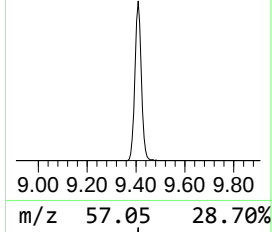
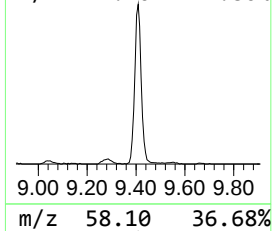
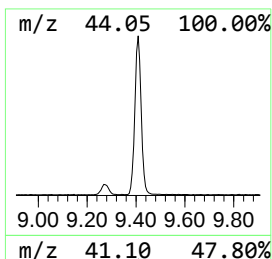
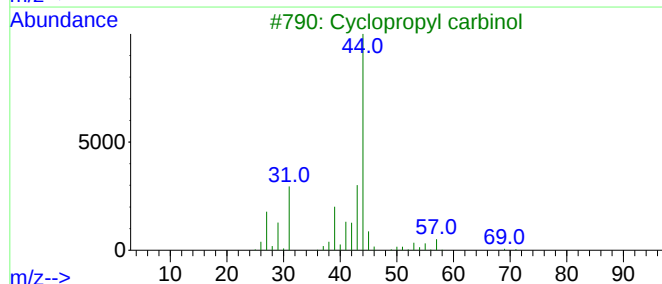
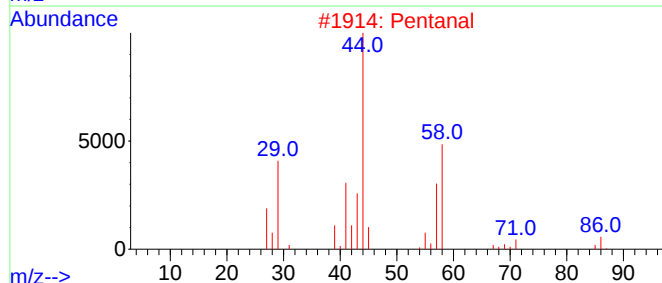
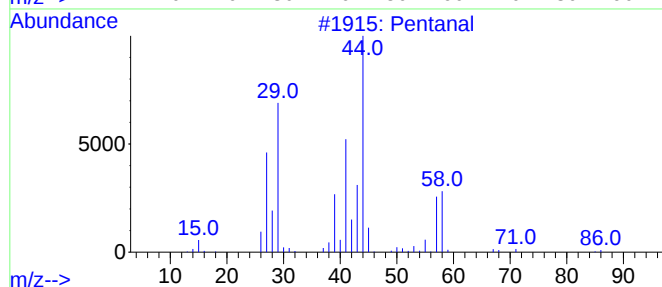
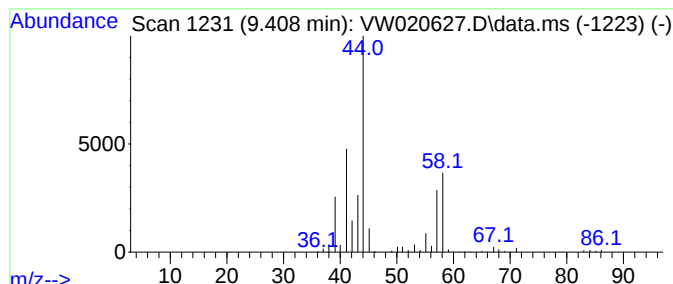
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Quant Title : SFAM01.0

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

Peak Number 4 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.408	8.37 ug/L	199812	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	78
3	Cyclopropyl carbinol			72	C4H8O	002516-33-8	64
4	Pentanal			86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

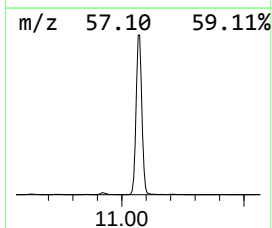
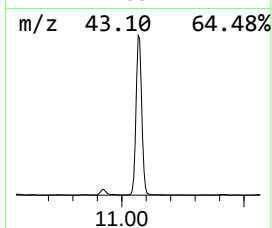
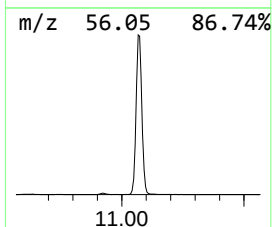
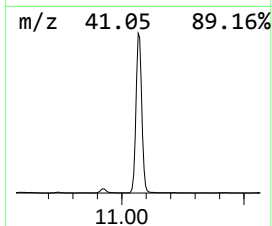
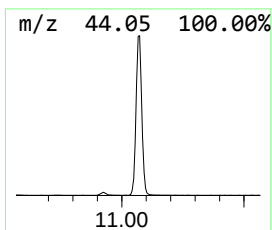
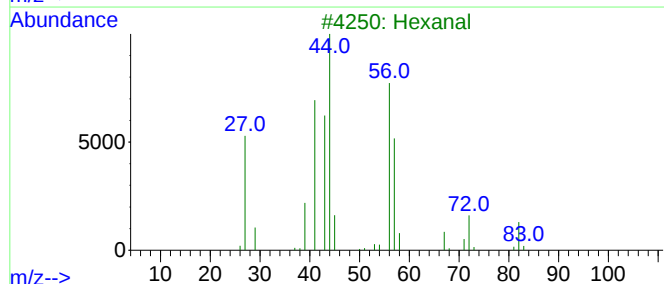
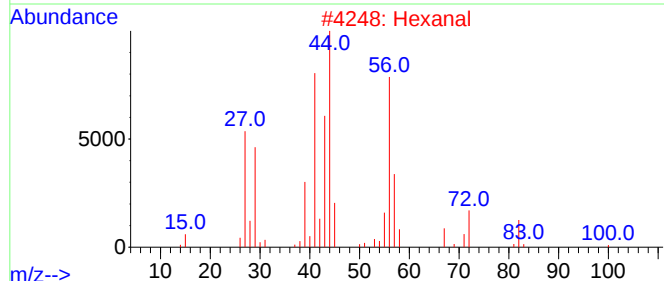
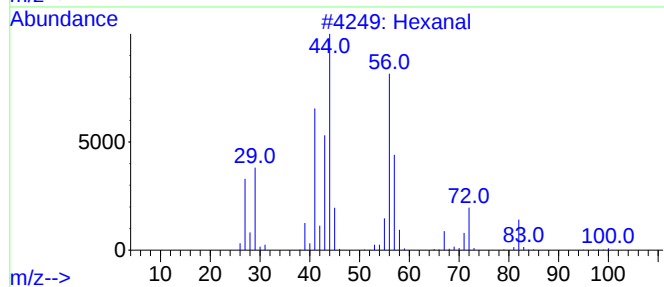
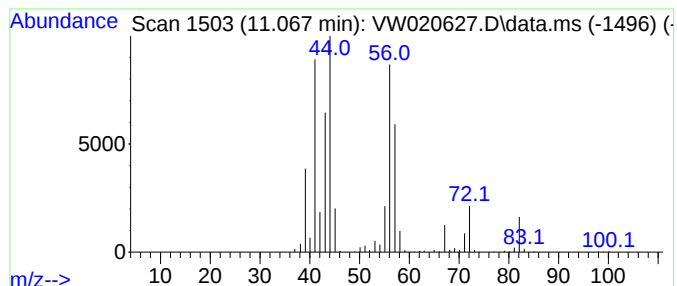
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Quant Title : SFAM01.0

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

Peak Number 6 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	49.74 ug/L	1318490	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	80
2	Hexanal			100	C6H12O	000066-25-1	80
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

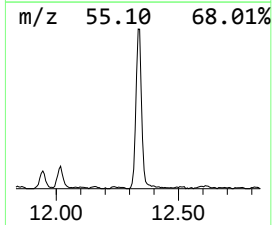
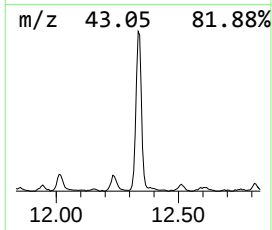
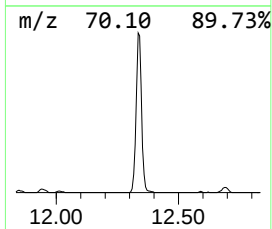
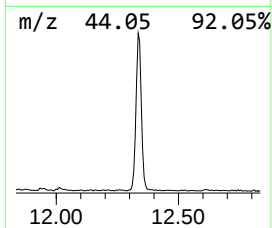
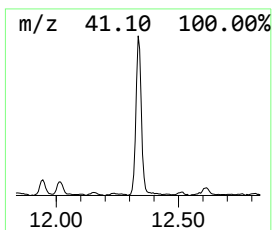
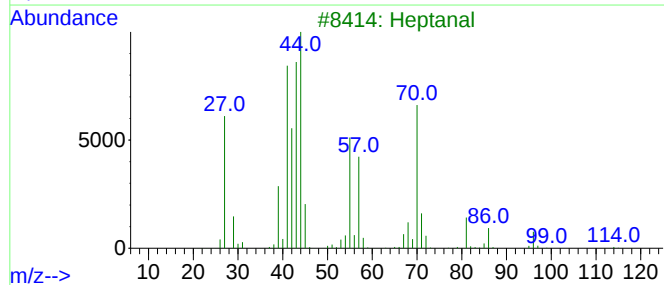
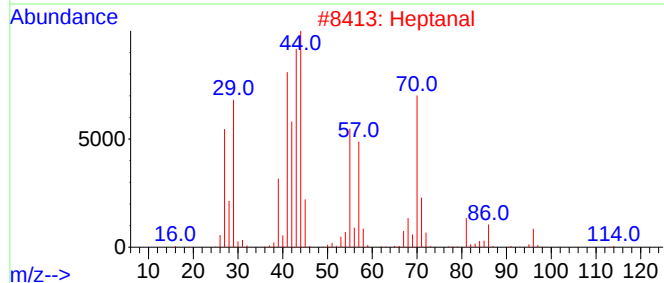
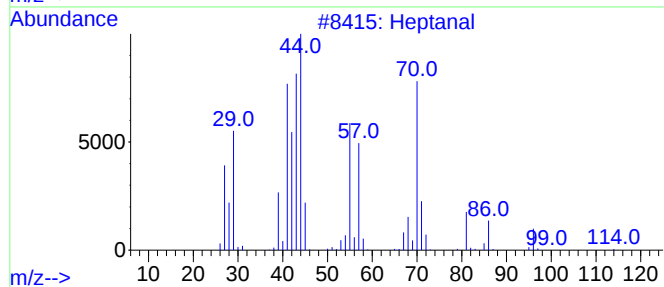
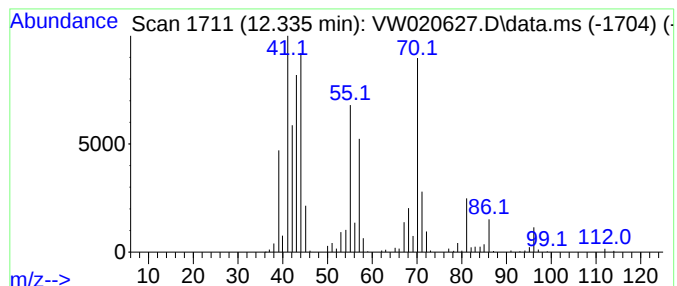
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Quant Title : SFAM01.0

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

Peak Number 7 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	7.48 ug/L	198245	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	96
2			Heptanal	114	C7H14O	000111-71-7	93
3			Heptanal	114	C7H14O	000111-71-7	93
4			Heptanal	114	C7H14O	000111-71-7	83
5			Heptanal	114	C7H14O	000111-71-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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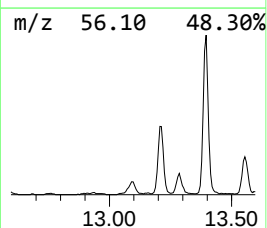
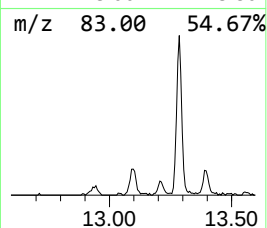
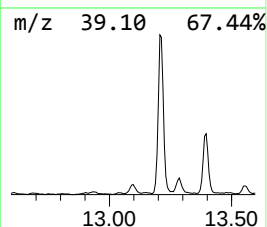
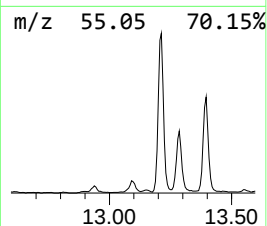
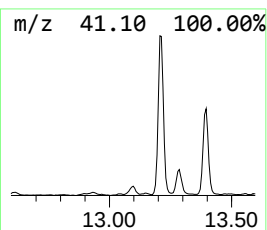
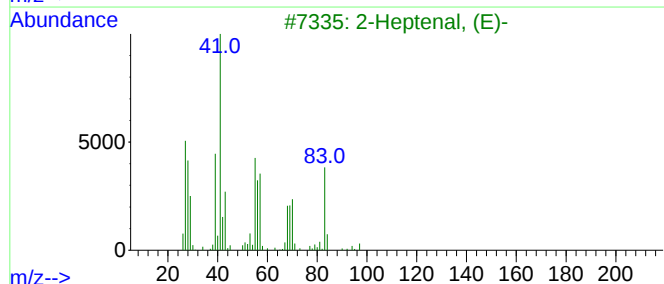
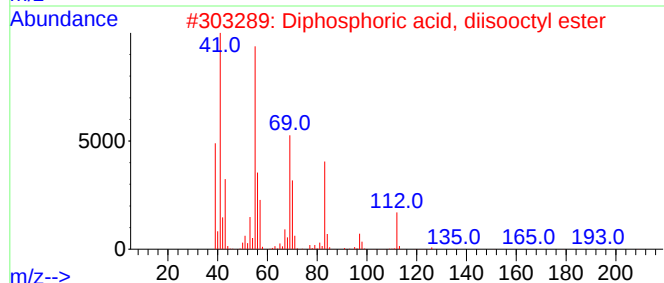
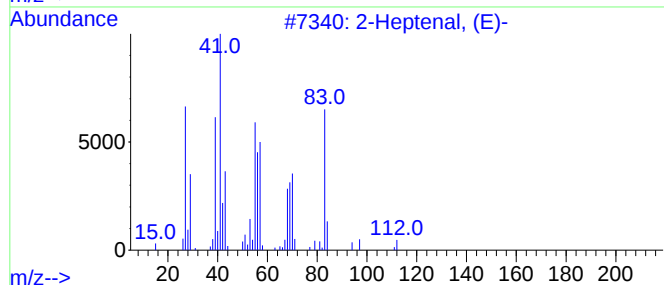
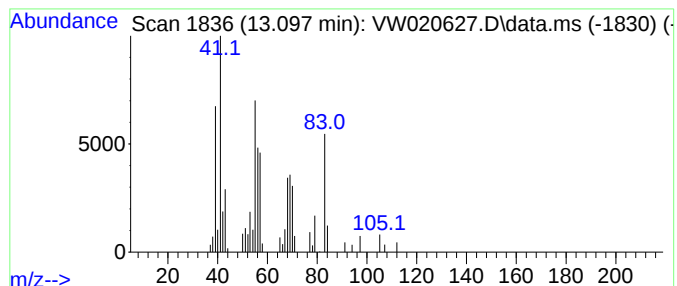
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Quant Title : SFAM01.0

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

Peak Number 8 2-Heptenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	1.55 ug/L	29908	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (E)-	112	C7H12O	018829-55-5	96
2			Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	72
3			2-Heptenal, (E)-	112	C7H12O	018829-55-5	72
4			4-Heptenal, (Z)-	112	C7H12O	006728-31-0	53
5			2-Pentyn-1-ol	84	C5H8O	006261-22-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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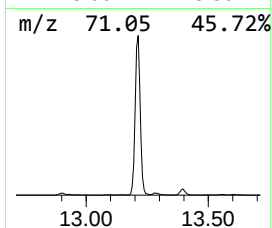
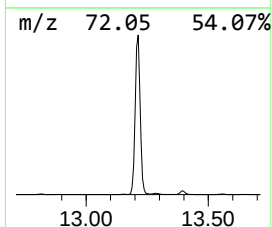
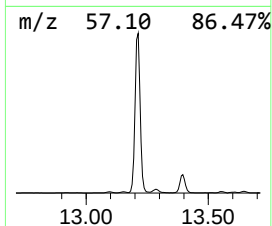
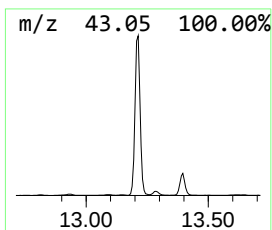
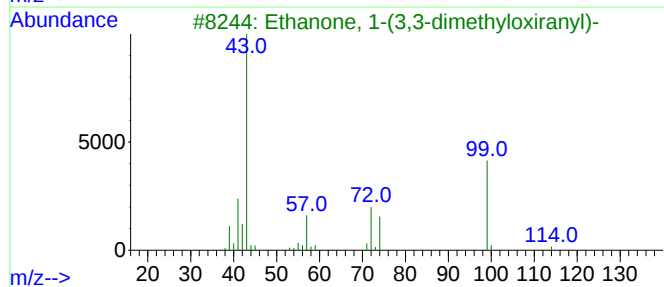
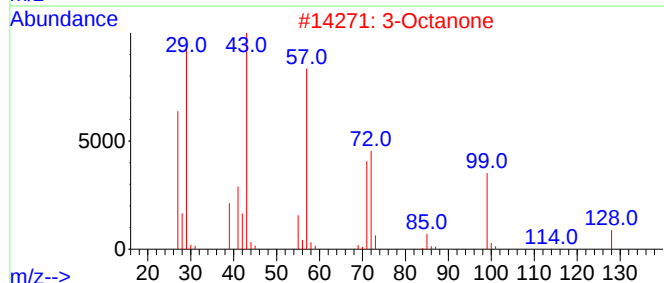
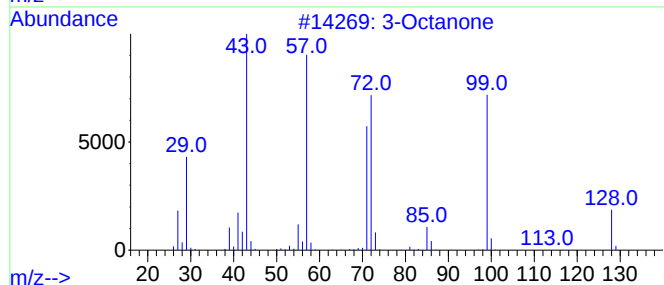
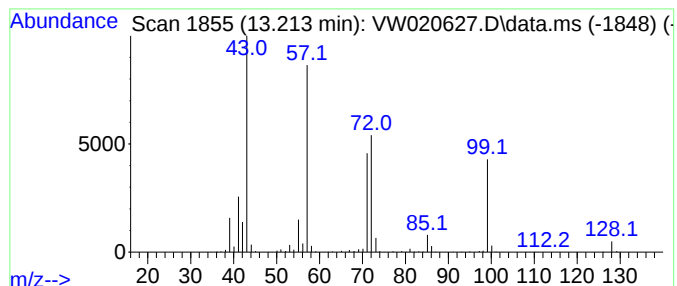
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Quant Title : SFAM01.0

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

Peak Number 9 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.213	49.04 ug/L	947349	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	94
2			3-Octanone	128	C8H16O	000106-68-3	50
3			Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	50
4			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	47
5			2-Pentene, 5-(pentyloxy)-, (E)-	156	C10H20O	056052-85-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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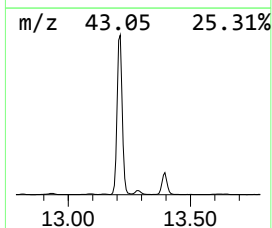
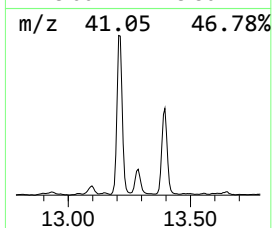
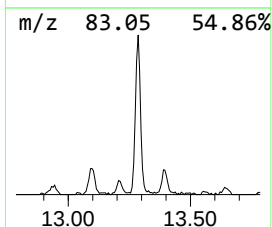
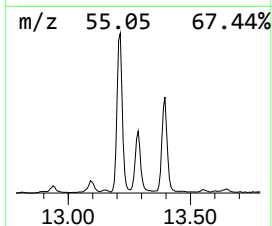
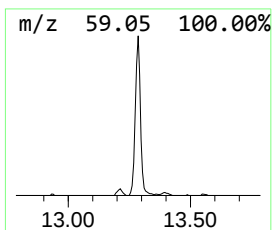
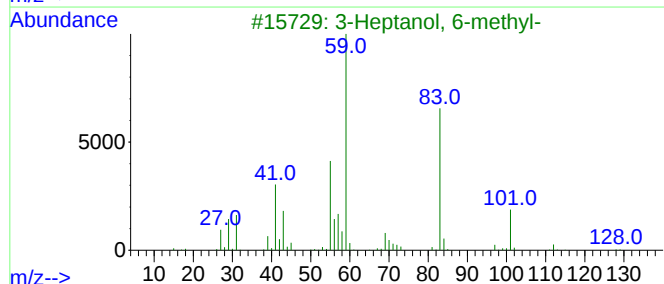
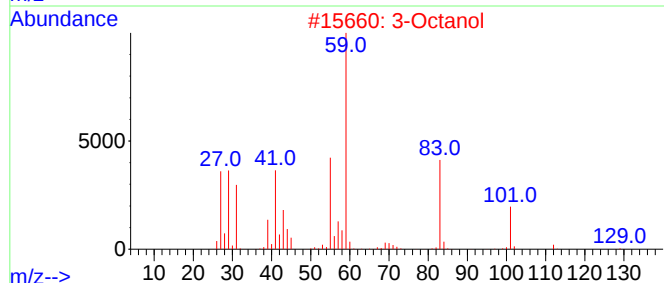
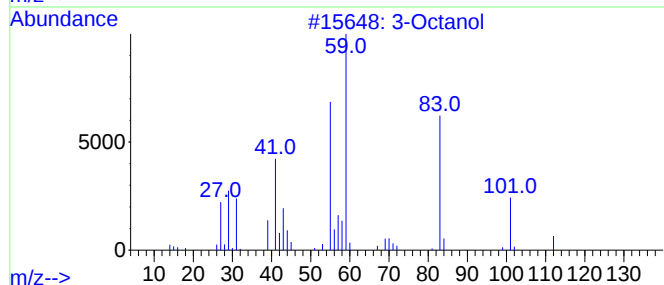
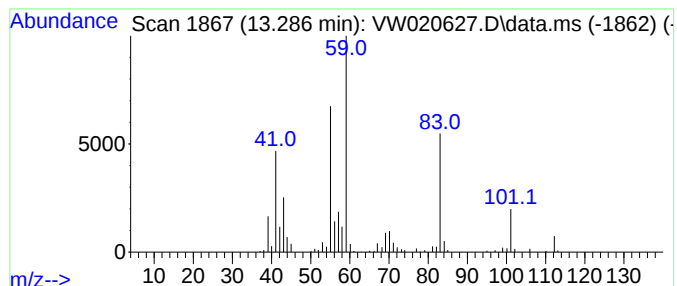
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Quant Title : SFAM01.0

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

Peak Number 10 3-Octanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	5.63 ug/L	108835	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanol	130	C8H18O	000589-98-0	90
2			3-Octanol	130	C8H18O	000589-98-0	78
3			3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	72
4			3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	72
5			3-Octanol	130	C8H18O	000589-98-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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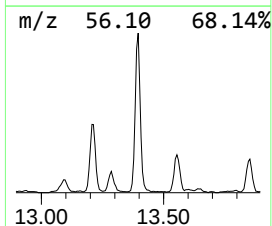
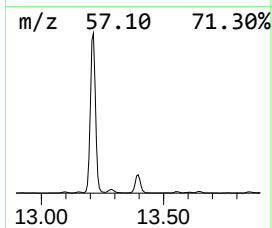
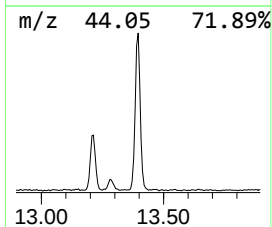
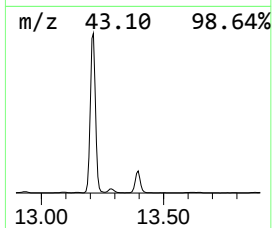
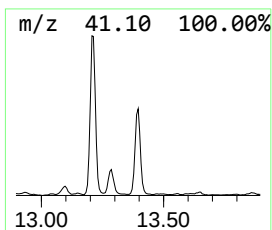
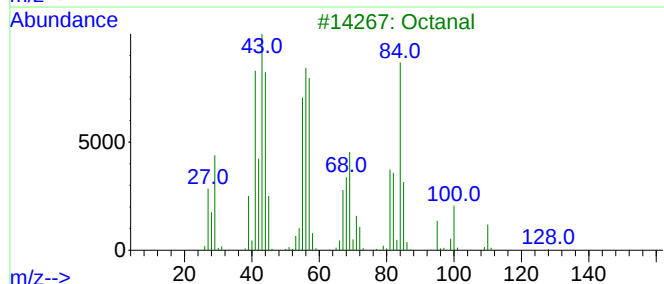
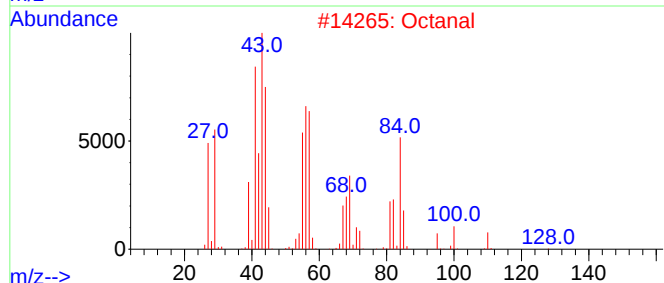
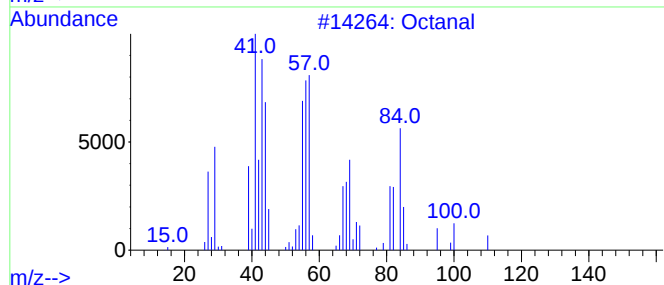
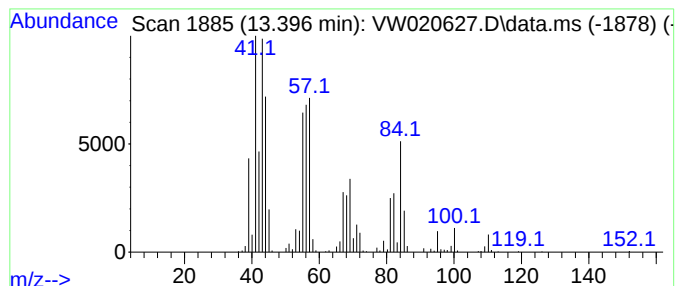
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Quant Title : SFAM01.0

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

Peak Number 11 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	14.28 ug/L	275788	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	91
3	Octanal			128	C8H16O	000124-13-0	90
4	Octanal			128	C8H16O	000124-13-0	87
5	Octanal			128	C8H16O	000124-13-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

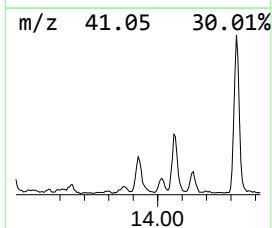
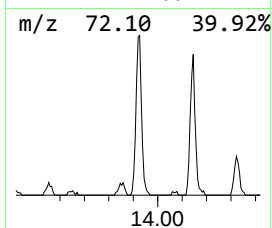
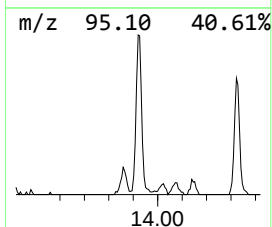
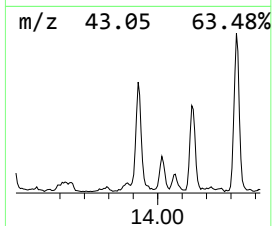
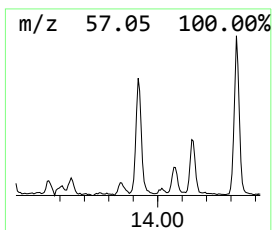
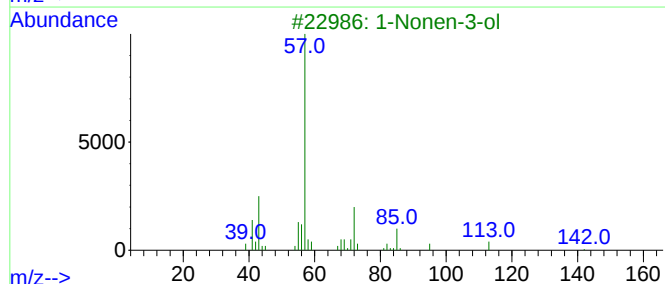
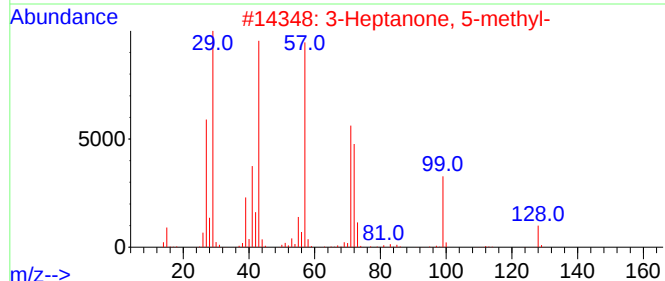
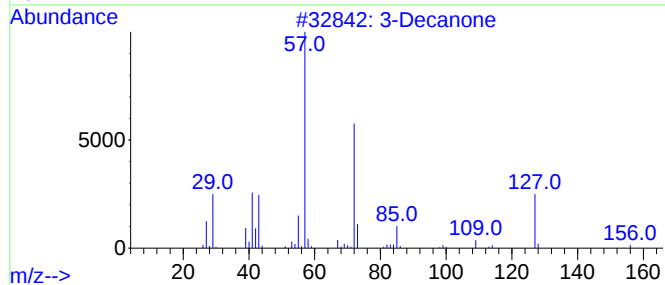
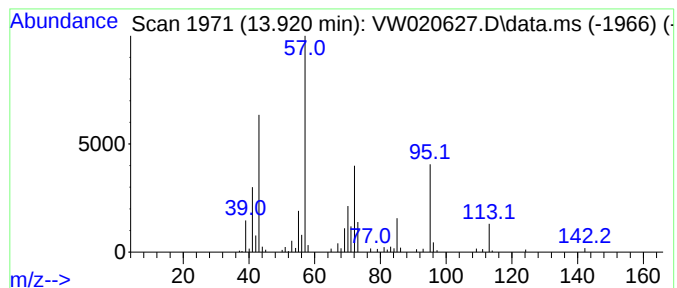
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	3.65 ug/L	70436	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Decanone	156	C10H20O	000928-80-3	27
2		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	27
3		1-Nonen-3-ol	142	C9H18O	021964-44-3	25
4		3-Nonanone	142	C9H18O	000925-78-0	12
5		3-Nonanone	142	C9H18O	000925-78-0	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

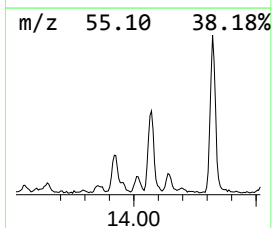
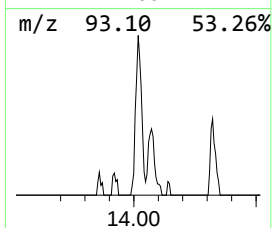
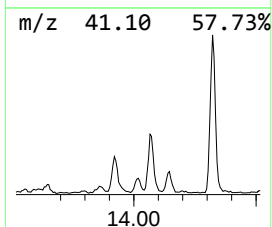
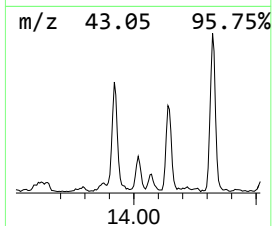
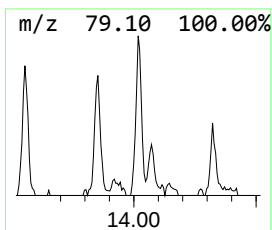
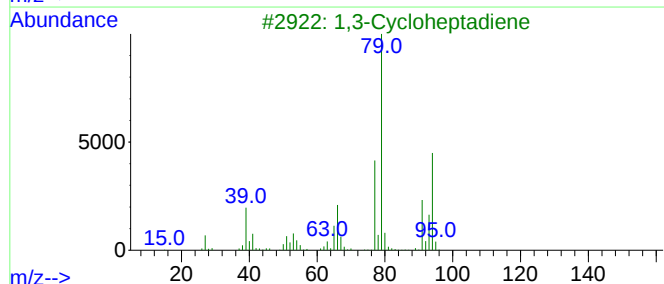
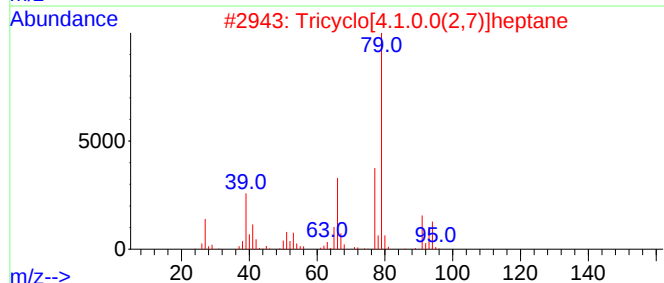
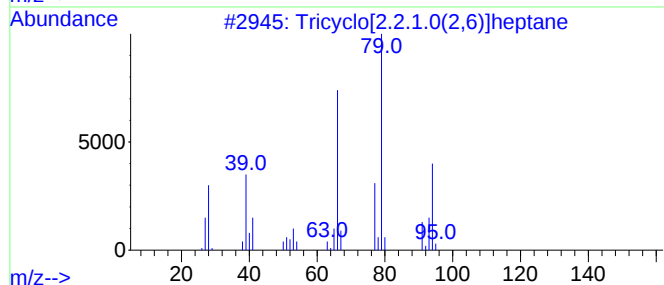
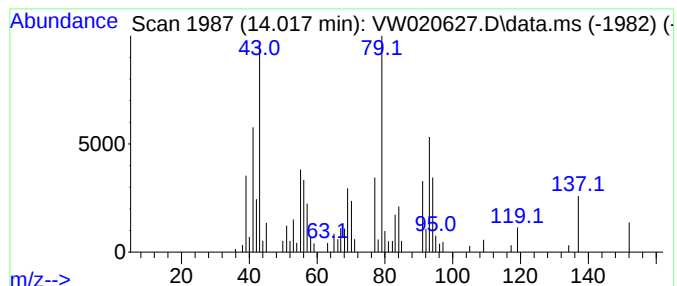
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Quant Title : SFAM01.0

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

Peak Number 13 Tricyclo[2.2.1.0(2,6)]heptane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.017	1.41 ug/L	27229	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane	94	C7H10	000279-19-6	60
2			Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	50
3			1,3-Cycloheptadiene	94	C7H10	004054-38-0	49
4			Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	49
5			1-Methylcyclohexa-1,3-diene	94	C7H10	1000298-96-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

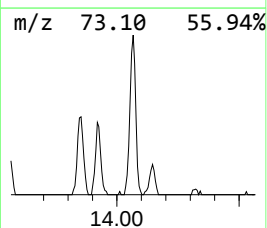
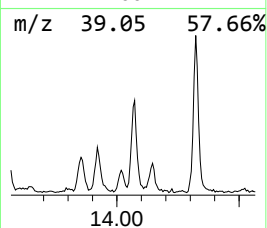
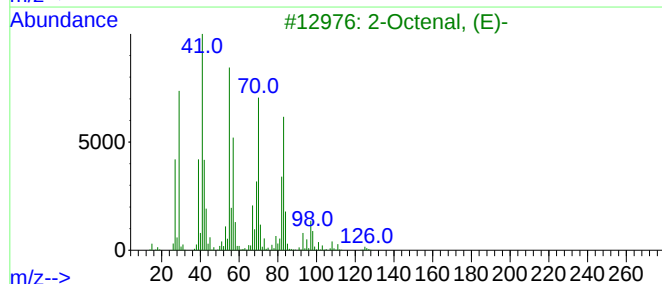
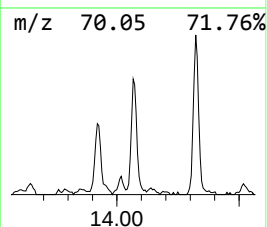
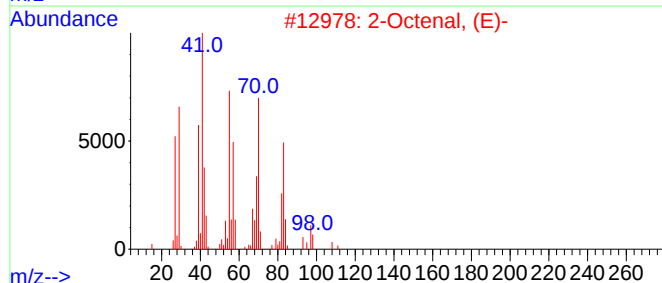
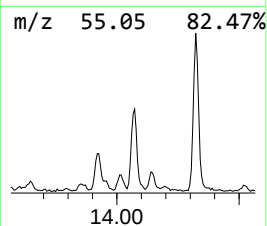
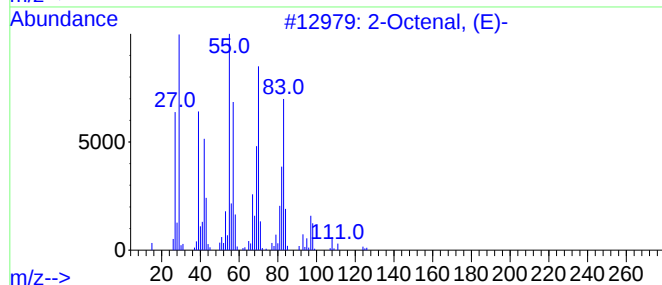
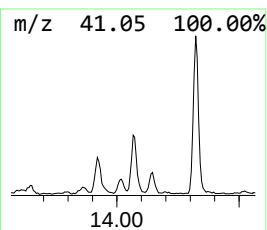
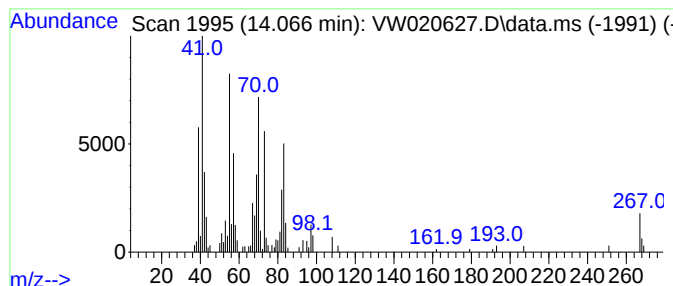
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Quant Title : SFAM01.0

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

Peak Number 14 2-Octenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	3.38 ug/L	65272	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-			126	C8H14O	002548-87-0	83
2	2-Octenal, (E)-			126	C8H14O	002548-87-0	83
3	2-Octenal, (E)-			126	C8H14O	002548-87-0	64
4	2-Octenal, (E)-			126	C8H14O	002548-87-0	64
5	Rosiridol			170	C10H18O2	101391-01-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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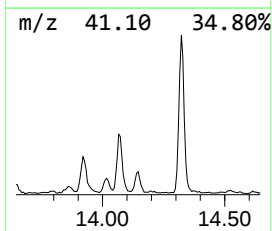
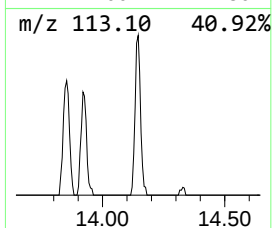
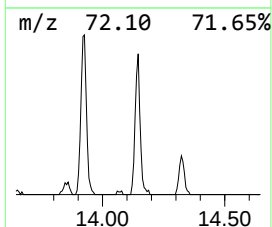
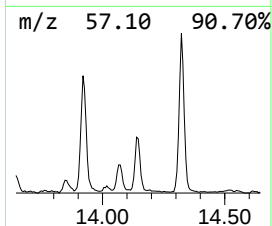
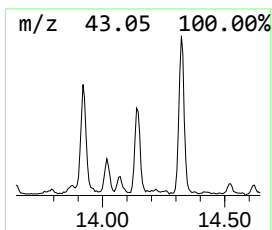
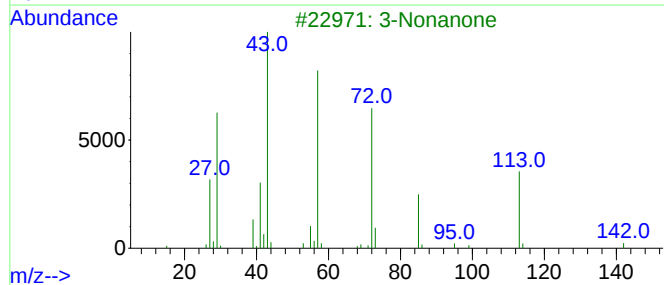
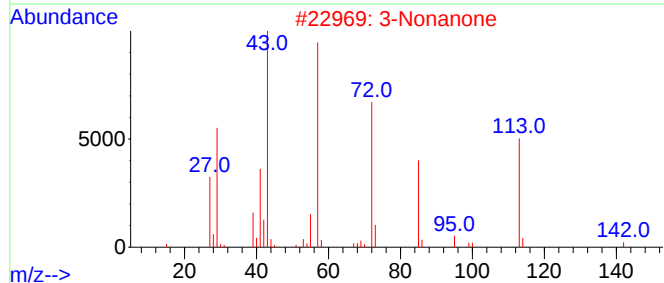
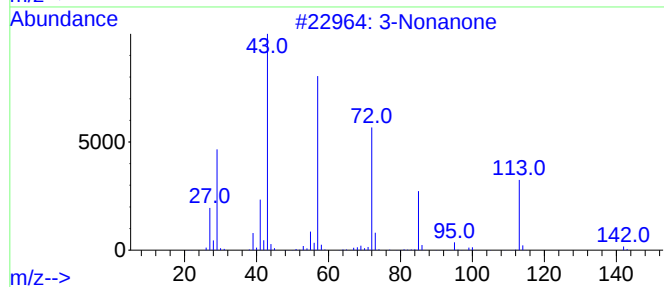
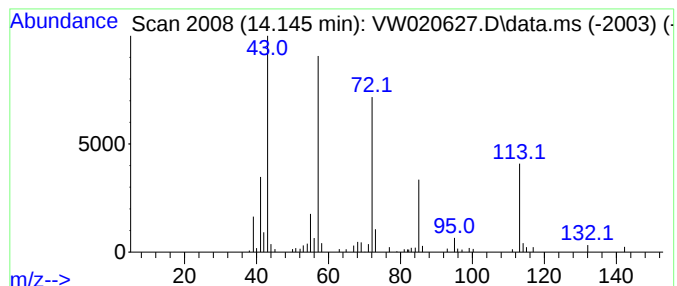
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Quant Title : SFAM01.0

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

Peak Number 15 3-Nonanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.146	1.76 ug/L	34086	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanone			142	C9H18O	000925-78-0	97
2	3-Nonanone			142	C9H18O	000925-78-0	95
3	3-Nonanone			142	C9H18O	000925-78-0	91
4	3-Nonanone			142	C9H18O	000925-78-0	90
5	3-Nonanone			142	C9H18O	000925-78-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

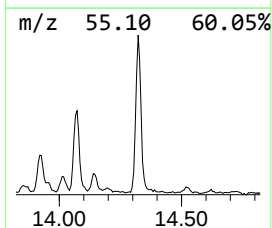
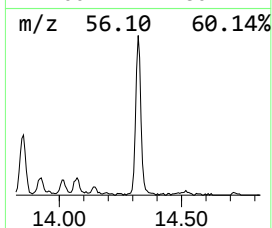
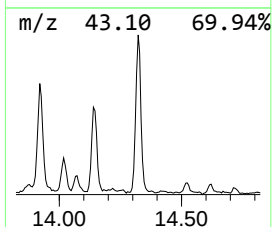
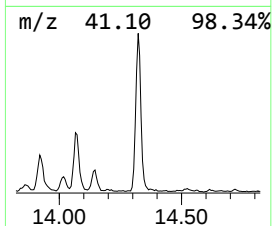
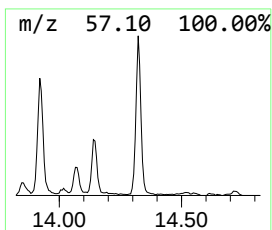
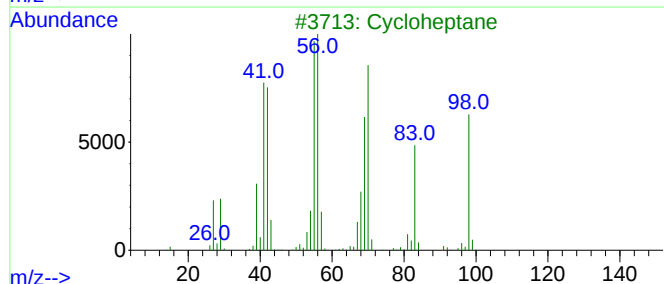
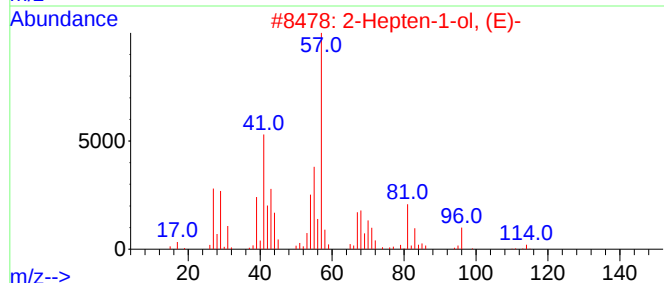
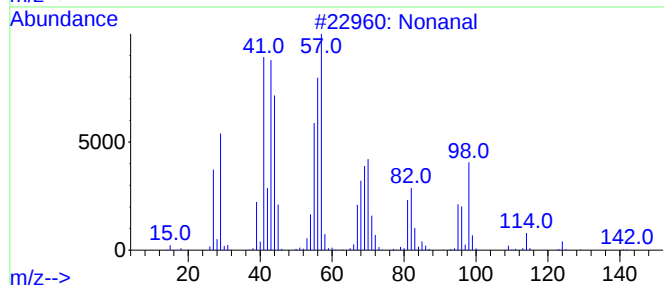
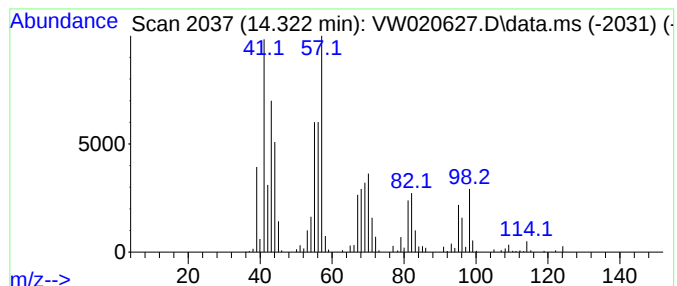
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Quant Title : SFAM01.0

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

Peak Number 16 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	8.63 ug/L	166616	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	86
2			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	43
3			Cycloheptane	98	C7H14	000291-64-5	38
4			Hexanal	100	C6H12O	000066-25-1	35
5			6-Hepten-1-ol, 3-methyl-	128	C8H16O	004048-32-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

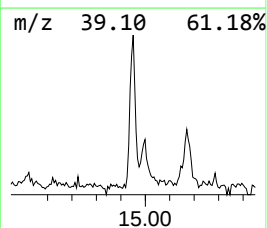
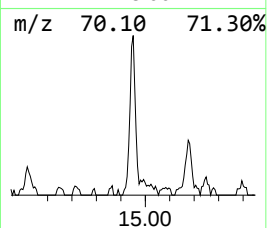
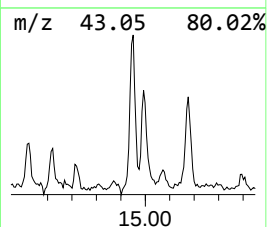
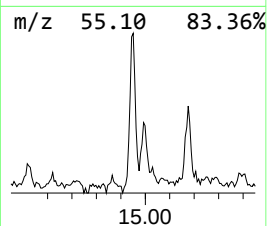
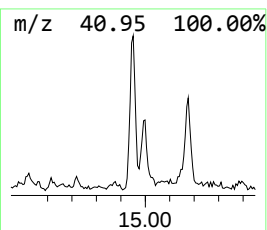
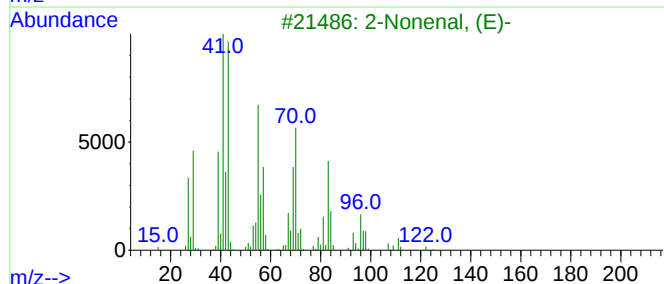
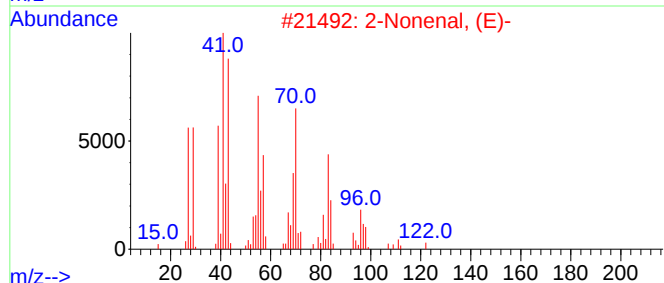
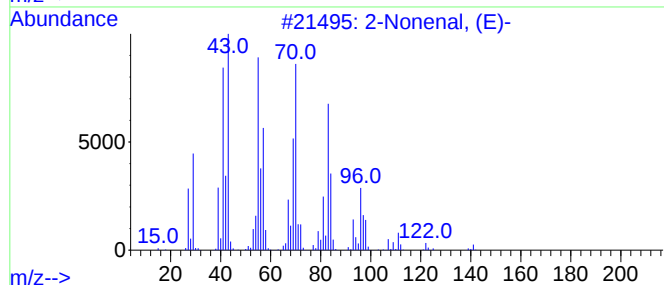
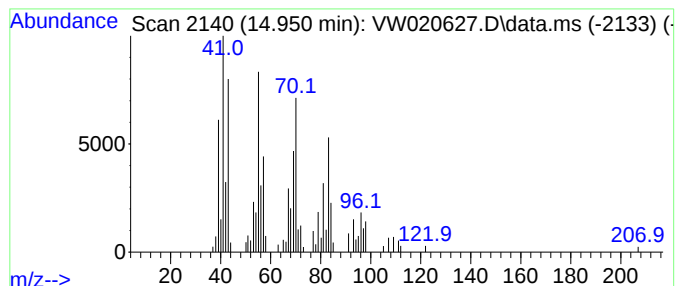
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Quant Title : SFAM01.0

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

Peak Number 17 2-Nonenal, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	2.02 ug/L	39072	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonenal, (E)-	140	C9H16O	018829-56-6	83
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	74
3			2-Nonenal, (E)-	140	C9H16O	018829-56-6	74
4			2-Nonenal, (Z)-	140	C9H16O	060784-31-8	64
5			2-Nonenal, (E)-	140	C9H16O	018829-56-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

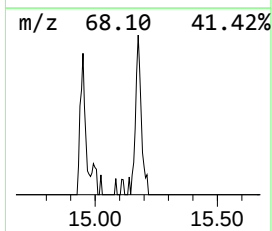
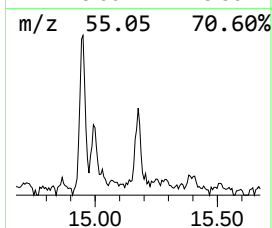
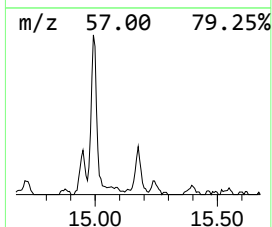
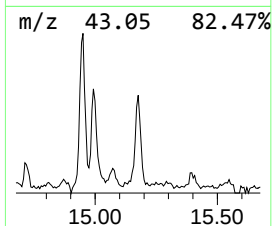
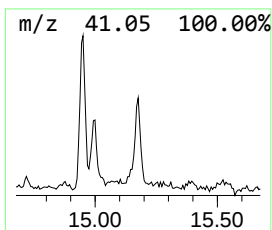
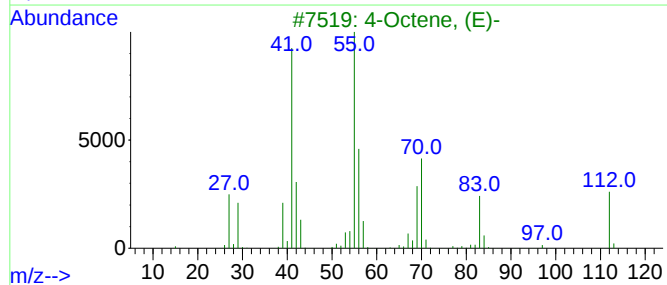
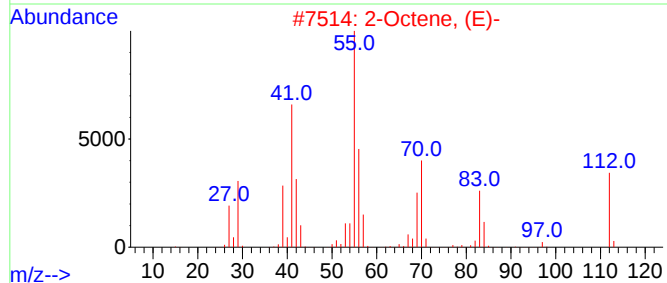
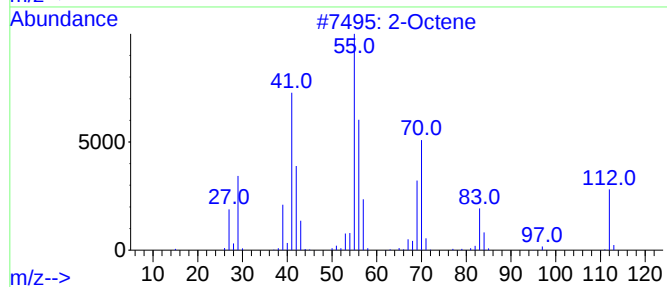
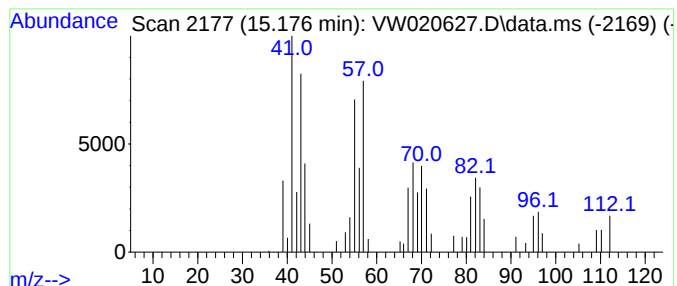
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	1.33 ug/L	25654	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene	112	C8H16	000111-67-1	38
2			2-Octene, (E)-	112	C8H16	013389-42-9	38
3			4-Octene, (E)-	112	C8H16	014850-23-8	38
4			4-Octene, (Z)-	112	C8H16	007642-15-1	38
5			2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020627.D
Acq On : 20 Oct 2021 00:01
Operator : SY/VA
Sample : M4263-10
Misc : 5.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7F5

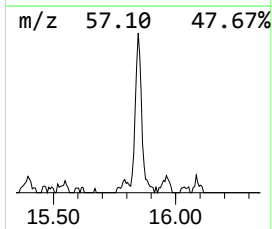
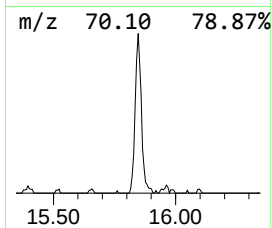
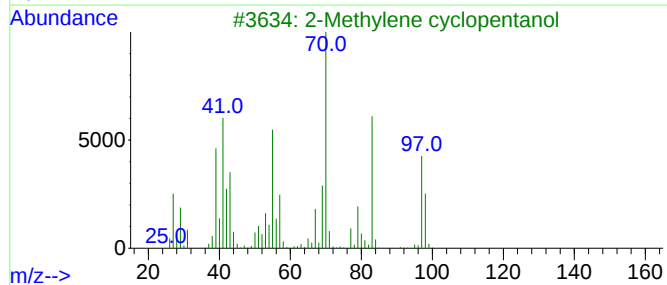
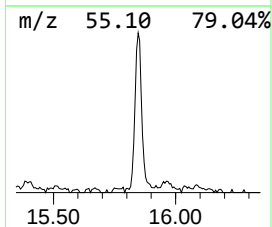
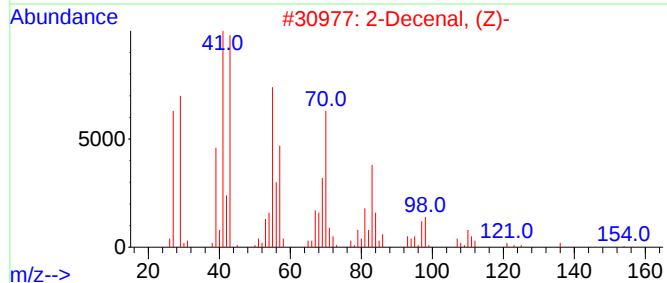
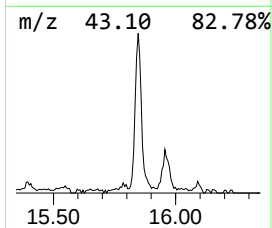
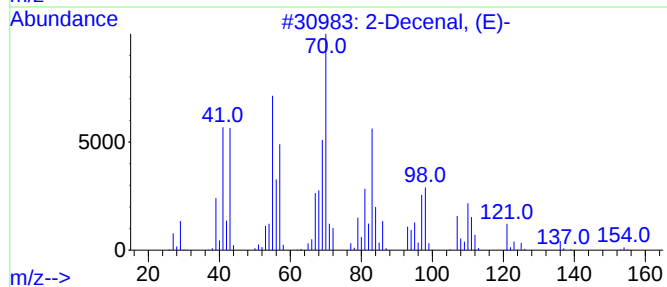
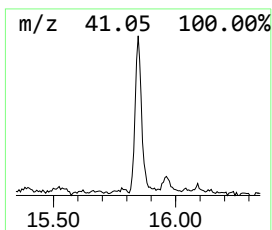
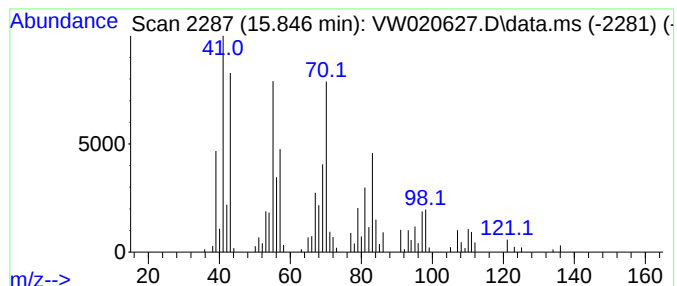
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Quant Title : SFAM01.0

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

Peak Number 19 2-Decenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.846	4.07 ug/L	78592	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2		2-Decenal, (Z)-	154	C10H18O	002497-25-8	72
3		2-Methylene cyclopentanol	98	C6H10O	020461-31-8	52
4		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	50
5		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020627.D
 Acq On : 20 Oct 2021 00:01
 Operator : SY/VA
 Sample : M4263-10
 Misc : 5.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7F5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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
Acetaldehyde	2.489	1.8	ug/L	43895	1	8.842	596626	25.0
(DEL) Alkane: S...	3.373	1.5	ug/L	35190	1	8.842	596626	25.0
Butanal	6.897	1.6	ug/L	37312	1	8.842	596626	25.0
Pentanal	9.408	8.4	ug/L	199812	1	8.842	596626	25.0
Hexanal	11.067	49.7	ug/L	1318490	2	11.634	662690	25.0
Heptanal	12.335	7.5	ug/L	198245	2	11.634	662690	25.0
2-Heptenal, (E)-	13.097	1.6	ug/L	29908	3	13.554	482907	25.0
3-Octanone	13.213	49.0	ug/L	947349	3	13.554	482907	25.0
3-Octanol	13.286	5.6	ug/L	108835	3	13.554	482907	25.0
Octanal	13.396	14.3	ug/L	275788	3	13.554	482907	25.0
unknown-01	13.920	3.6	ug/L	70436	3	13.554	482907	25.0
Tricyclo[2.2.1....	14.017	1.4	ug/L	27229	3	13.554	482907	25.0
2-Octenal, (E)-	14.066	3.4	ug/L	65272	3	13.554	482907	25.0
3-Nonanone	14.146	1.8	ug/L	34086	3	13.554	482907	25.0
Nonanal	14.322	8.6	ug/L	166616	3	13.554	482907	25.0
2-Nonenal, (E)-	14.950	2.0	ug/L	39072	3	13.554	482907	25.0
(DEL) Alkane: S...	15.176	1.3	ug/L	25654	3	13.554	482907	25.0
2-Decenal, (E)-	15.846	4.1	ug/L	78592	3	13.554	482907	25.0