

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030041.D
 Acq On : 27 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3675-18
 Misc : 3.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ2

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: VW030041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	42	47	50	rBV5	1488	2865	0.23%	0.035%
2	2.241	56	58	59	rBV	578	423	0.03%	0.005%
3	2.363	69	78	94	rBV2	54041	152882	12.33%	1.845%
4	2.503	96	101	111	rBV	19372	54375	4.38%	0.656%
5	2.820	149	153	157	rBV	3895	7540	0.61%	0.091%
6	2.899	159	166	183	rVB	37247	109887	8.86%	1.326%
7	3.302	230	232	238	rVB3	809	1055	0.09%	0.013%
8	3.387	238	246	258	rBV	29033	70034	5.65%	0.845%
9	3.680	290	294	296	rBV3	409	678	0.05%	0.008%
10	3.850	319	322	327	rBV6	631	1148	0.09%	0.014%
11	4.015	338	349	362	rBV3	93332	332557	26.81%	4.013%
12	4.149	362	371	390	rVB	100941	352745	28.44%	4.257%
13	4.686	449	459	472	rBV2	6762	21937	1.77%	0.265%
14	4.923	485	498	521	rBV	29115	118764	9.57%	1.433%
15	5.789	629	640	654	rBV3	6698	22310	1.80%	0.269%
16	5.941	654	665	675	rVB3	5387	16998	1.37%	0.205%
17	6.124	687	695	705	rVB4	2191	6520	0.53%	0.079%
18	6.295	719	723	727	rVB3	302	467	0.04%	0.006%
19	6.594	769	772	773	rBV	490	460	0.04%	0.006%
20	6.899	813	822	834	rBV2	19898	59691	4.81%	0.720%
21	7.094	845	854	863	rVV	24311	76678	6.18%	0.925%
22	7.185	865	869	885	rVB	9930	27409	2.21%	0.331%
23	7.557	924	930	932	rVV3	286	477	0.04%	0.006%
24	7.648	934	945	959	rBV2	144832	358619	28.91%	4.327%
25	7.923	987	990	994	rVB4	338	491	0.04%	0.006%
26	8.276	1037	1048	1064	rBV2	284494	856457	69.05%	10.335%
27	8.404	1067	1069	1072	rVB4	413	483	0.04%	0.006%
28	8.551	1080	1093	1107	rBV3	12420	33689	2.72%	0.407%
29	8.703	1110	1118	1131	rBV	49842	112966	9.11%	1.363%
30	8.843	1132	1141	1154	rVB	300364	604113	48.70%	7.290%
31	9.045	1169	1174	1176	rBV3	962	1271	0.10%	0.015%
32	9.270	1202	1211	1222	rBV	192696	399343	32.19%	4.819%
33	9.404	1226	1233	1254	rVV	137398	269615	21.74%	3.253%
34	9.544	1254	1256	1257	rVV2	521	461	0.04%	0.006%
35	9.563	1257	1259	1261	rVB3	543	454	0.04%	0.005%
36	9.953	1319	1323	1325	rBV3	474	767	0.06%	0.009%

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Integrator: RTE

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

37	10.032	1325	1336	1348	rBV	96342	172449	13.90%	2.081%
38	10.154	1348	1356	1362	rVB7	1047	2597	0.21%	0.031%
39	10.221	1362	1367	1368	rBV4	511	758	0.06%	0.009%
40	10.319	1372	1383	1391	rBV	329798	629904	50.78%	7.601%
41	10.386	1391	1394	1399	rVB	3444	5207	0.42%	0.063%
42	10.502	1406	1413	1419	rBV4	4056	7247	0.58%	0.087%
43	10.575	1419	1425	1431	rBV	58571	101948	8.22%	1.230%
44	10.630	1432	1434	1440	rVV3	4440	6057	0.49%	0.073%
45	10.697	1440	1445	1450	rVV2	8106	14265	1.15%	0.172%
46	10.745	1450	1453	1463	rVB2	5132	9725	0.78%	0.117%
47	10.855	1467	1471	1475	rVB3	645	802	0.06%	0.010%
48	10.922	1475	1482	1496	rBV	107389	187392	15.11%	2.261%
49	11.069	1498	1506	1521	rBV	777595	1240389	100.00%	14.968%
50	11.325	1545	1548	1550	rBV2	485	495	0.04%	0.006%
51	11.416	1559	1563	1566	rBB4	510	616	0.05%	0.007%
52	11.471	1570	1572	1578	rVB4	482	775	0.06%	0.009%
53	11.568	1583	1588	1591	rBV4	1959	3313	0.27%	0.040%
54	11.629	1591	1598	1607	rVB	268497	454398	36.63%	5.483%
55	11.739	1614	1616	1622	rVB4	1579	2319	0.19%	0.028%
56	11.843	1625	1633	1645	rBV	58652	116648	9.40%	1.408%
57	11.946	1645	1650	1656	rVV4	8627	15645	1.26%	0.189%
58	12.014	1656	1661	1672	rVB	17380	29528	2.38%	0.356%
59	12.239	1692	1698	1706	rVV	5367	11243	0.91%	0.136%
60	12.337	1708	1714	1722	rBV	45452	73077	5.89%	0.882%
61	12.507	1727	1742	1753	rVV	12834	87526	7.06%	1.056%
62	12.599	1755	1757	1763	rVB	12201	16634	1.34%	0.201%
63	12.690	1765	1772	1780	rVB	106824	176800	14.25%	2.133%
64	12.806	1788	1791	1797	rVB7	759	1473	0.12%	0.018%
65	12.928	1800	1811	1819	rBV2	12485	27752	2.24%	0.335%
66	12.989	1819	1821	1825	rBV4	621	680	0.05%	0.008%
67	13.038	1825	1829	1833	rBV2	5191	8290	0.67%	0.100%
68	13.093	1833	1838	1843	rVV2	12738	24804	2.00%	0.299%
69	13.154	1843	1848	1852	rVV	26842	43502	3.51%	0.525%
70	13.208	1852	1857	1862	rVV	41981	68057	5.49%	0.821%
71	13.282	1863	1869	1878	rVB2	17768	40686	3.28%	0.491%
72	13.391	1881	1887	1895	rBV	35847	56355	4.54%	0.680%
73	13.495	1895	1904	1907	rVB3	4527	9975	0.80%	0.120%
74	13.556	1907	1914	1925	rBV	124860	212353	17.12%	2.562%
75	13.647	1925	1929	1933	rVB6	1790	3347	0.27%	0.040%
76	13.849	1955	1962	1973	rBV	99600	169780	13.69%	2.049%

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 Title : SFAM01.0

77	14.013	1984	1989	1992	rBV3	4441	6772	0.55%	0.082%
78	14.068	1992	1998	2017	rVB3	28308	66024	5.32%	0.797%
79	14.220	2019	2023	2026	rBV5	2010	3056	0.25%	0.037%
80	14.318	2033	2039	2046	rBV	20704	31353	2.53%	0.378%
81	14.483	2059	2066	2071	rBV8	3619	11080	0.89%	0.134%
82	14.617	2083	2088	2092	rBV7	1560	2584	0.21%	0.031%
83	14.678	2092	2098	2102	rBV8	1569	3782	0.30%	0.046%
84	14.794	2113	2117	2122	rBV5	678	1267	0.10%	0.015%
85	14.867	2124	2129	2133	rVV6	1619	3432	0.28%	0.041%
86	14.909	2133	2136	2138	rVV3	1309	2065	0.17%	0.025%
87	14.946	2138	2142	2147	rVV4	6281	10931	0.88%	0.132%
88	15.013	2151	2153	2158	rVV3	444	478	0.04%	0.006%
89	15.068	2158	2162	2168	rVB5	1408	2878	0.23%	0.035%
90	15.117	2168	2170	2172	rBV2	513	608	0.05%	0.007%
91	15.171	2175	2179	2183	rVV6	2150	4332	0.35%	0.052%
92	15.245	2187	2191	2194	rVB4	444	603	0.05%	0.007%
93	15.379	2209	2213	2217	rVV5	1028	1494	0.12%	0.018%
94	15.476	2226	2229	2233	rBV4	1059	1910	0.15%	0.023%
95	15.757	2272	2275	2277	rBV4	527	655	0.05%	0.008%
96	15.848	2283	2290	2296	rBV4	5902	12589	1.01%	0.152%
97	15.958	2302	2308	2314	rVB4	2927	6097	0.49%	0.074%
98	16.086	2326	2329	2332	rVB2	584	564	0.05%	0.007%
99	16.482	2392	2394	2396	rVV2	484	593	0.05%	0.007%
100	16.690	2424	2428	2432	rBV4	235	466	0.04%	0.006%

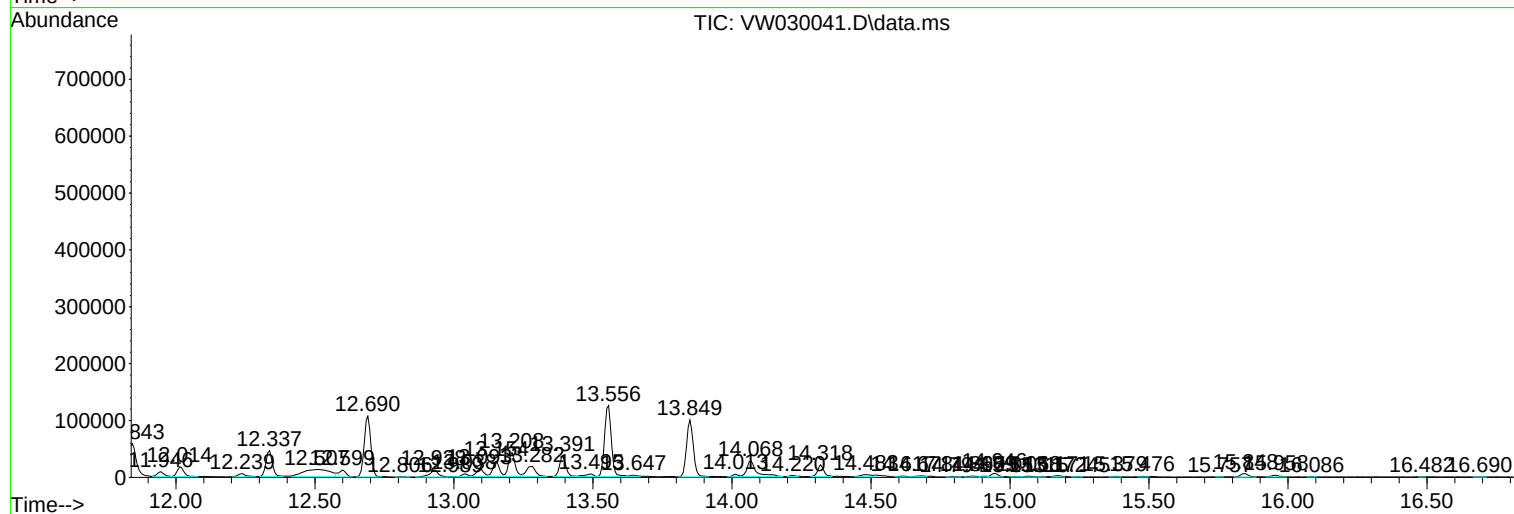
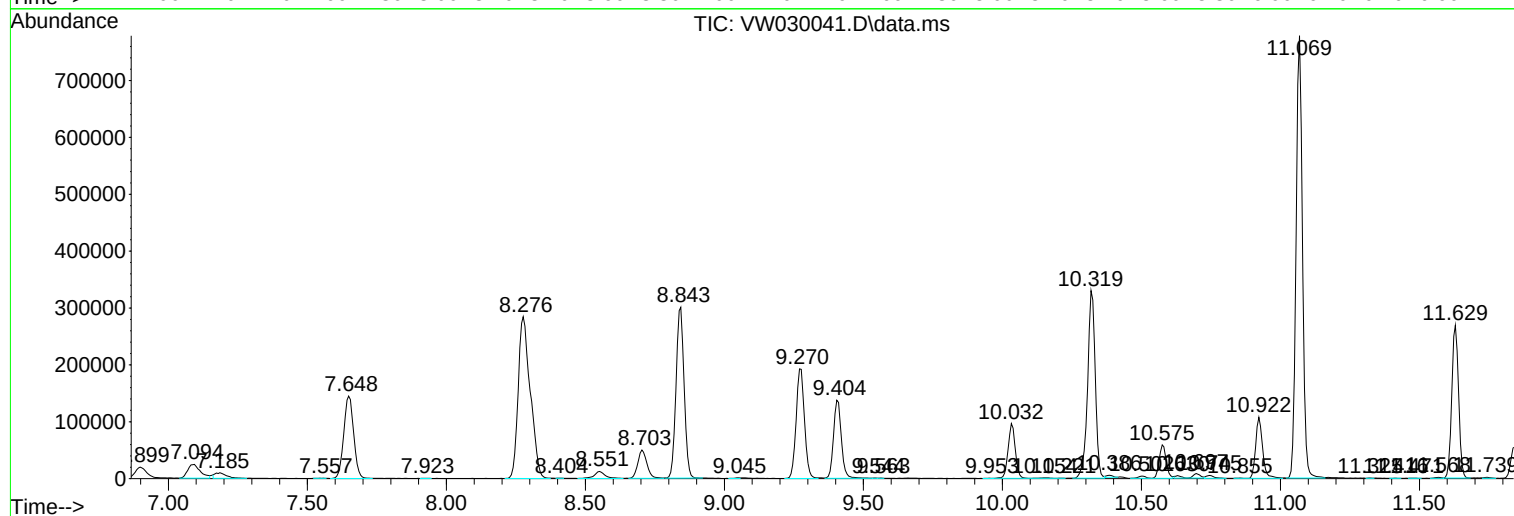
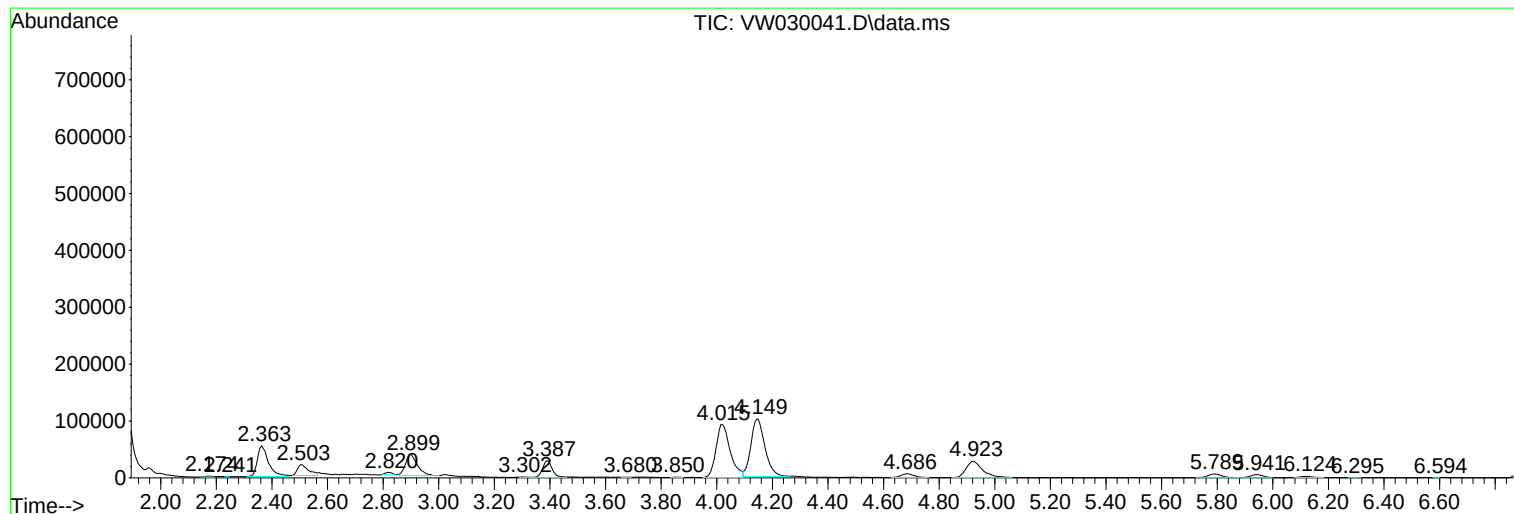
Sum of corrected areas: 8287053

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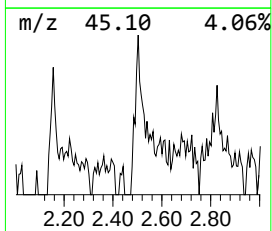
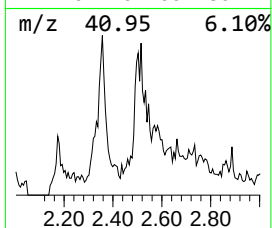
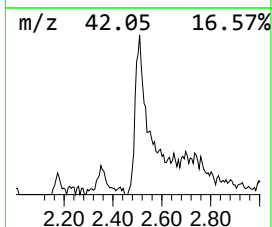
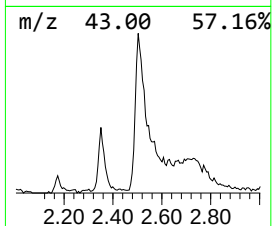
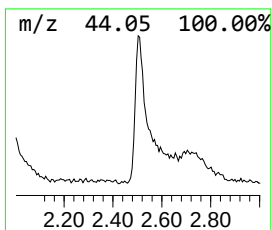
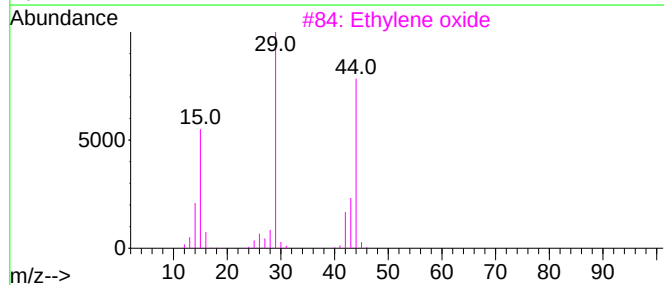
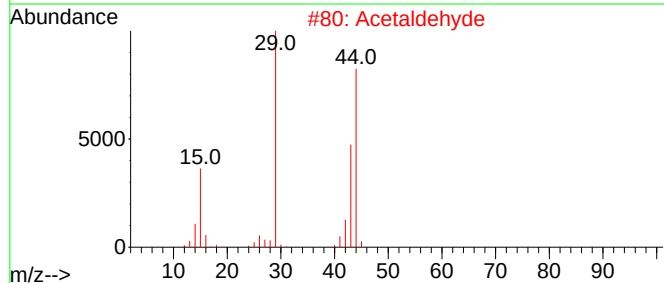
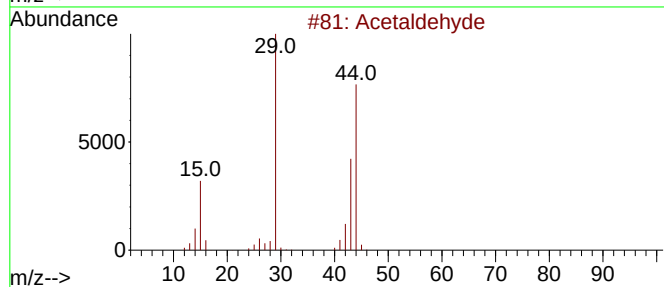
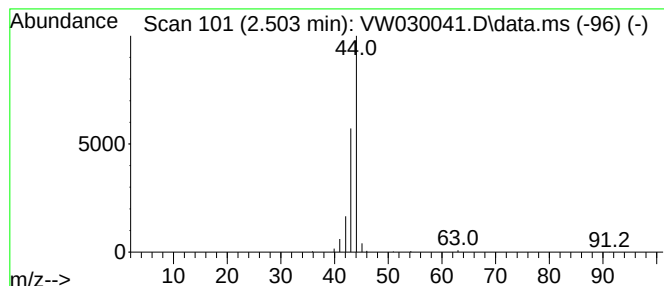
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.503	2.25 ug/L	54375	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	78
2			Acetaldehyde	44	C2H4O	000075-07-0	78
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Ethylene oxide	44	C2H4O	000075-21-8	7
5			Propane	44	C3H8	000074-98-6	5



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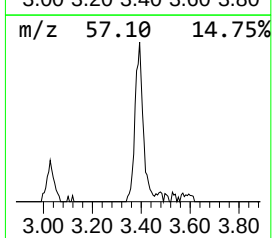
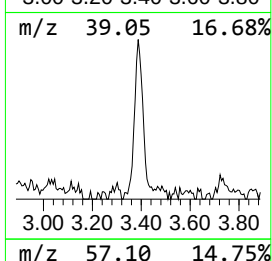
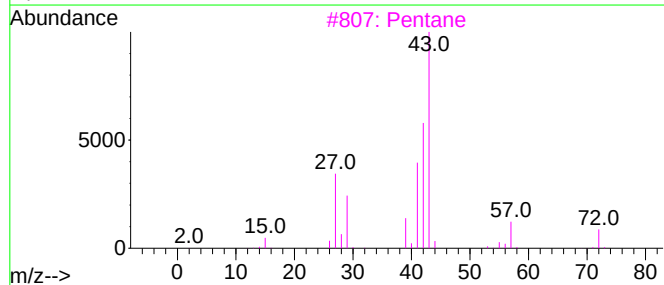
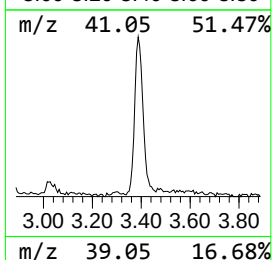
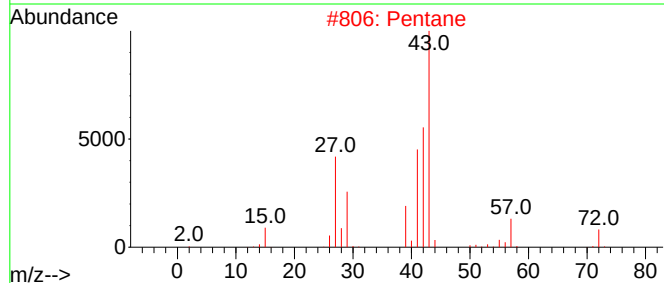
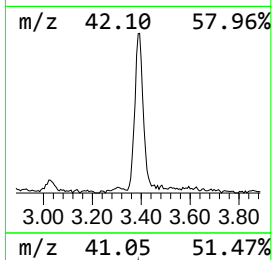
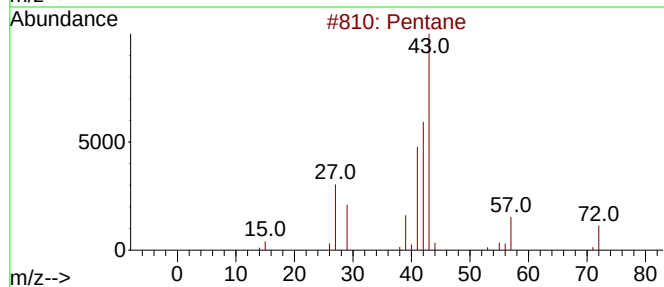
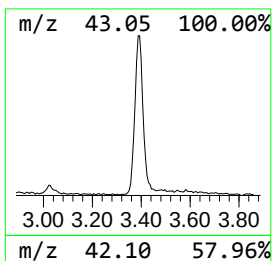
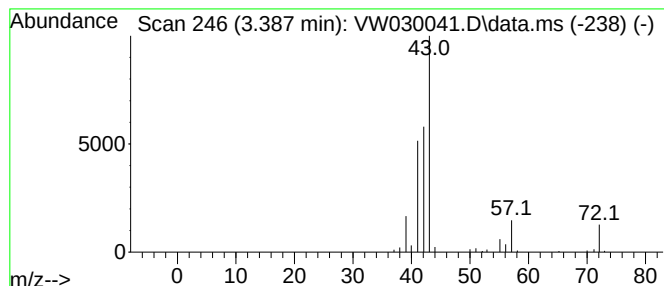
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	2.90 ug/L	70034	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	64



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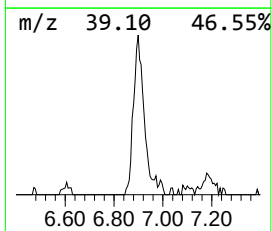
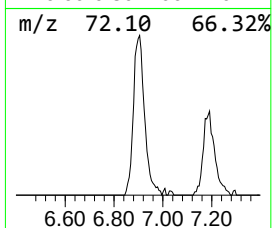
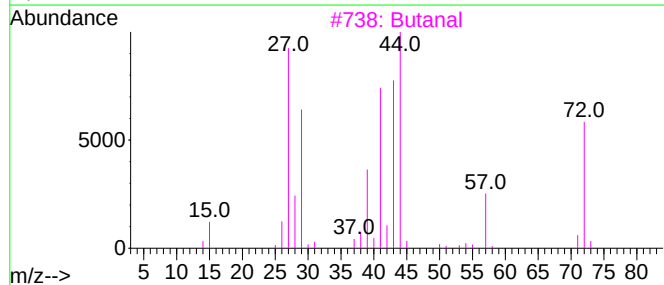
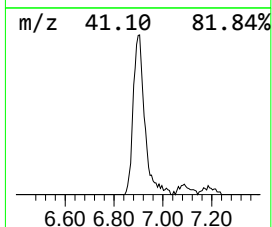
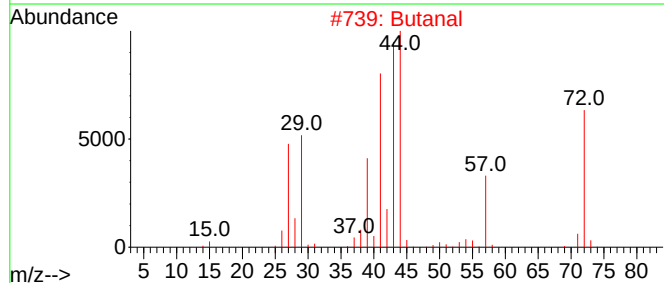
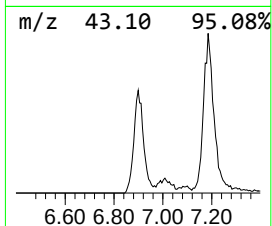
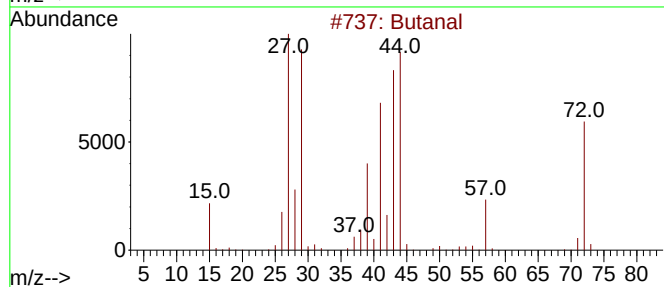
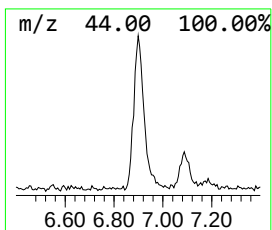
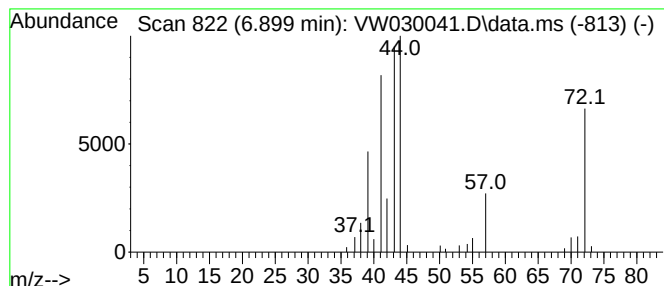
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Butanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	2.47 ug/L	59691	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	68
4	Butanal			72	C4H8O	000123-72-8	64
5	Butanal			72	C4H8O	000123-72-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

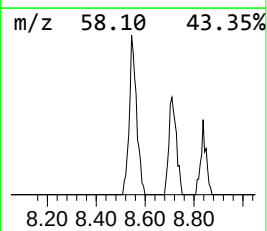
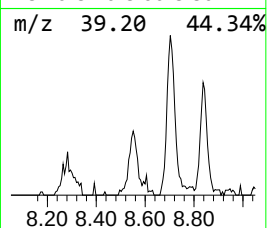
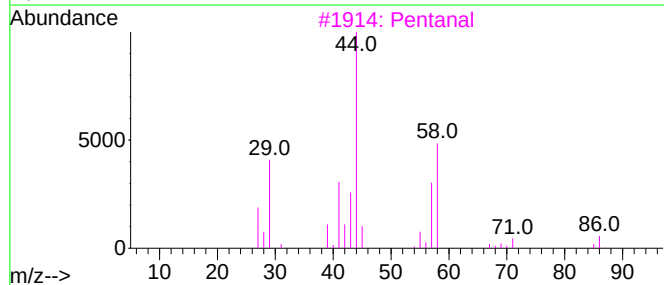
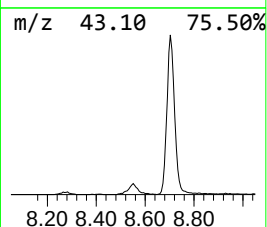
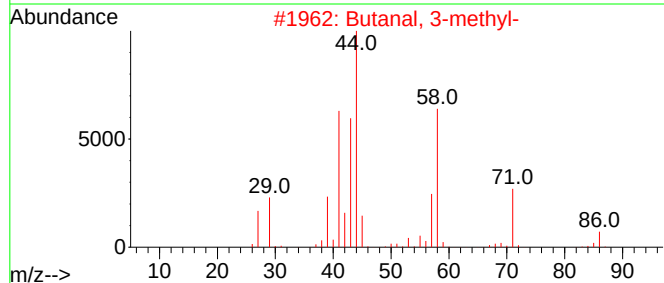
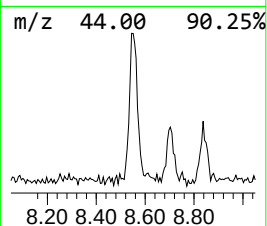
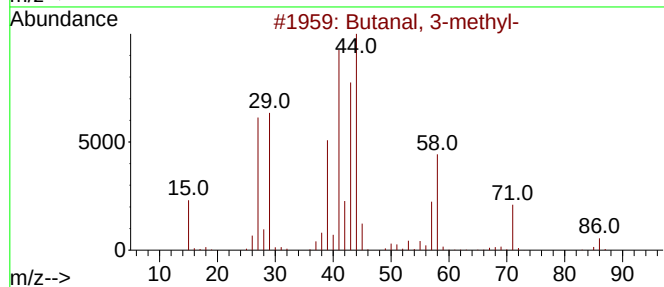
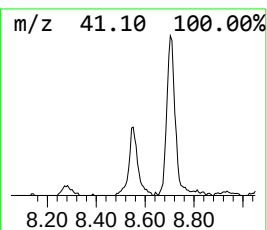
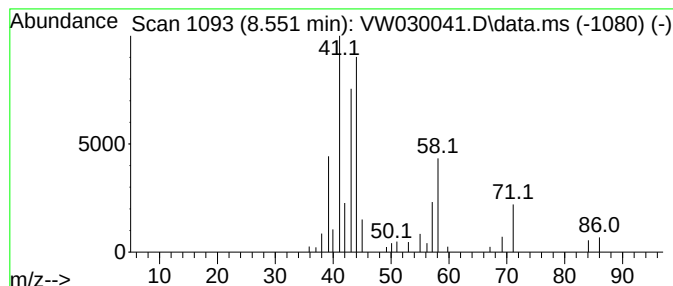
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Quant Title : SFAM01.0

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

Peak Number 4 Butanal, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	1.39 ug/L	33689	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal, 3-methyl-	86	C5H10O	000590-86-3	91
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	53
3			Pentanal	86	C5H10O	000110-62-3	49
4			Pentanal	86	C5H10O	000110-62-3	46
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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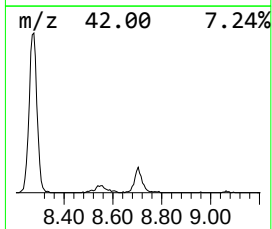
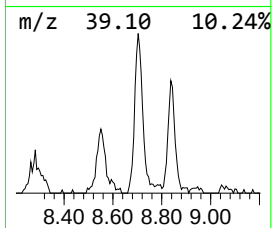
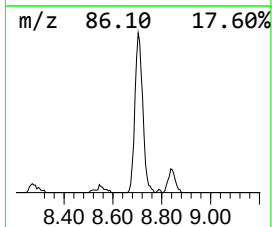
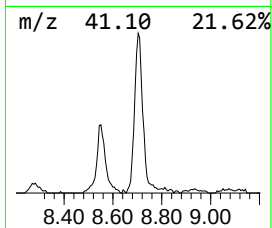
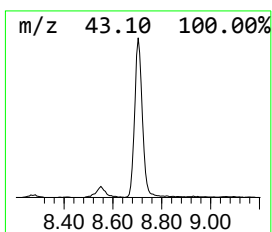
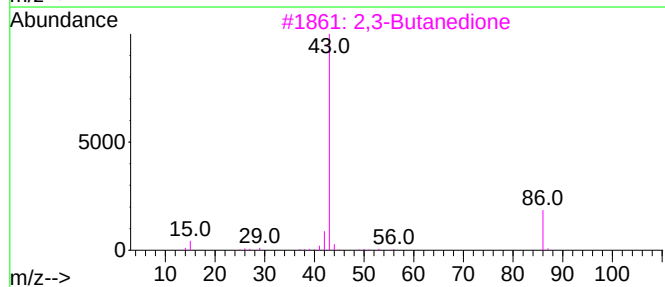
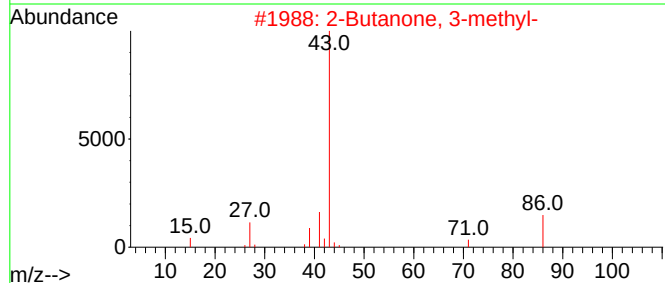
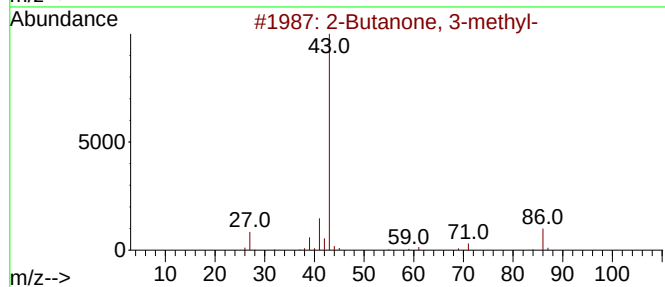
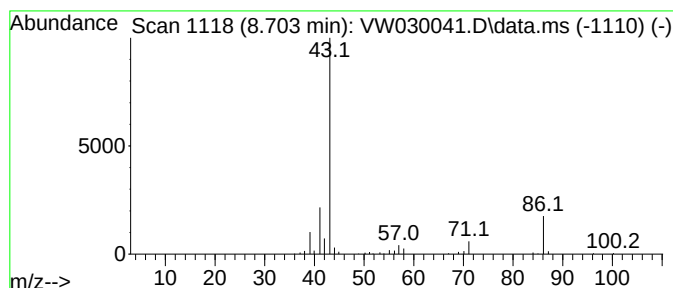
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Quant Title : SFAM01.0

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	4.67 ug/L	112966	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	59
2	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
3	2,3-Butanedione			86	C4H6O2	000431-03-8	52
4	2-Pentanone			86	C5H10O	000107-87-9	50
5	2-Pentanone			86	C5H10O	000107-87-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

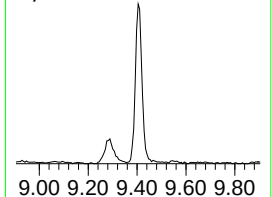
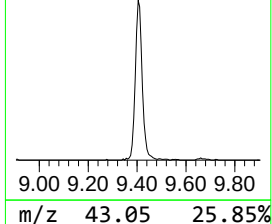
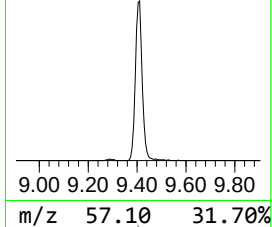
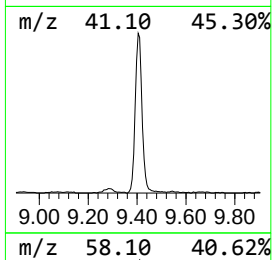
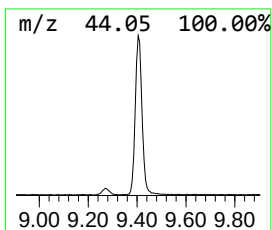
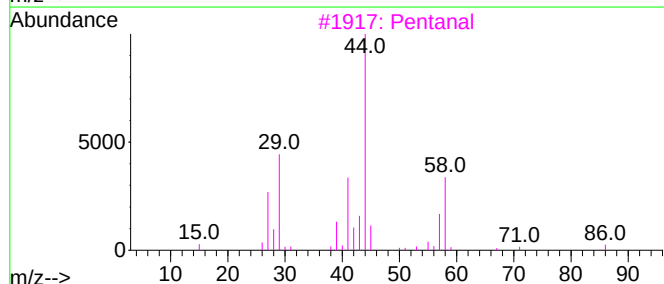
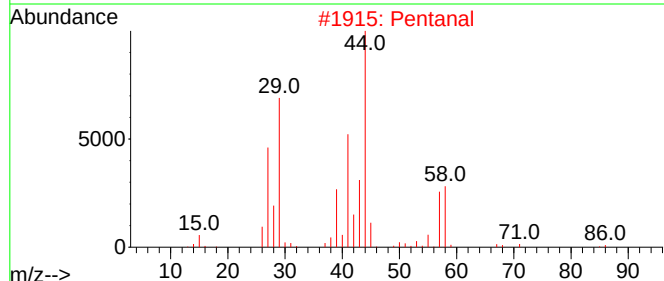
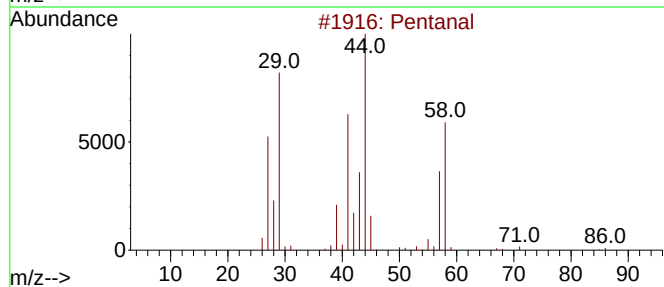
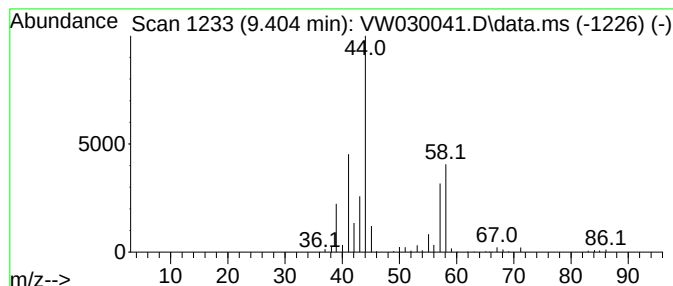
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Quant Title : SFAM01.0

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

Peak Number 6 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	11.16 ug/L	269615	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	91
2	Pentanal			86	C5H10O	000110-62-3	90
3	Pentanal			86	C5H10O	000110-62-3	83
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	83
5	Pentanal			86	C5H10O	000110-62-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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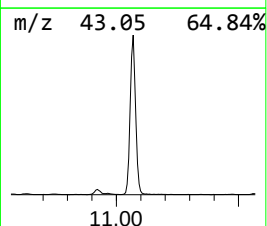
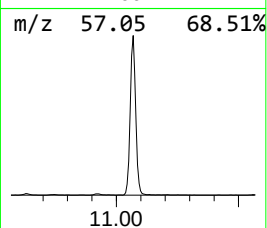
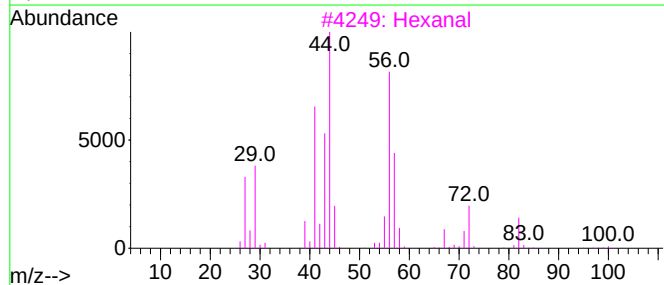
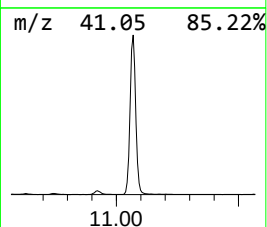
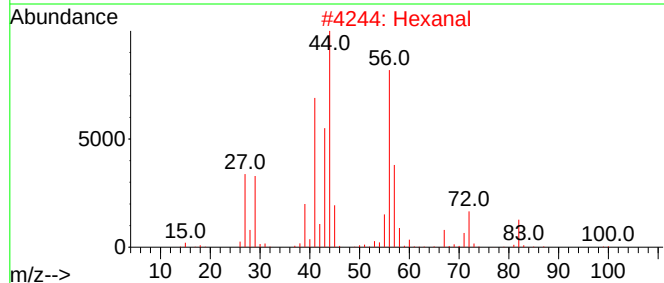
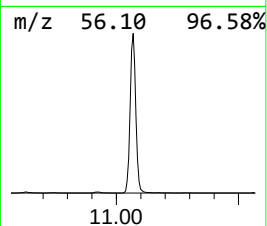
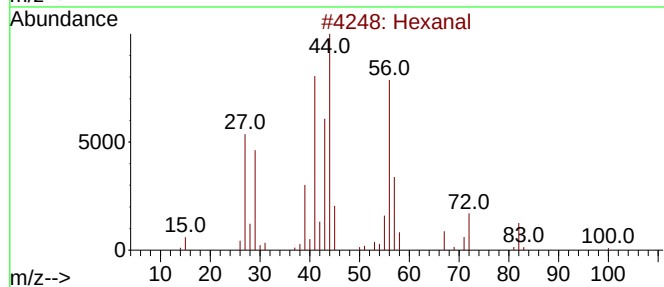
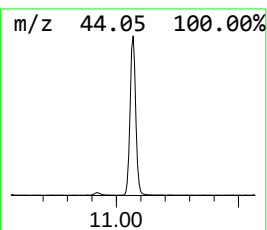
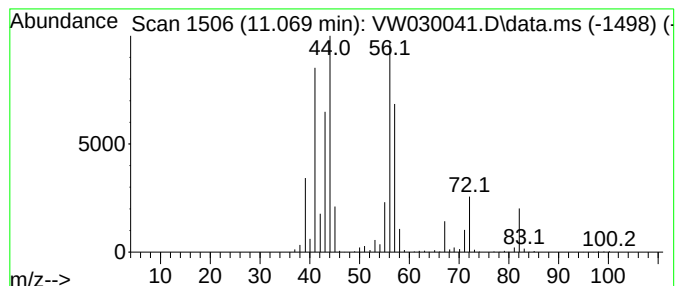
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Quant Title : SFAM01.0

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

Peak Number 8 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	68.24 ug/L	1240390	Chlorobenzene-d5	11.623

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	91
2	Hexanal			100	C6H12O	000066-25-1	91
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	86
5	Hexanal			100	C6H12O	000066-25-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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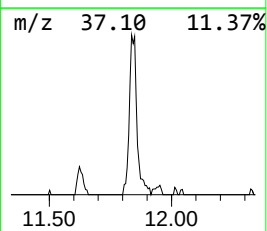
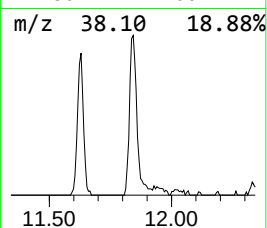
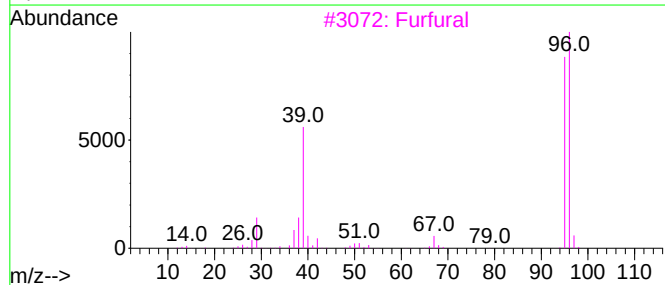
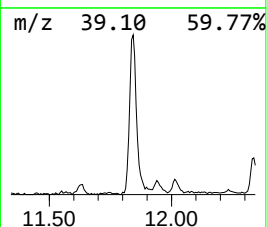
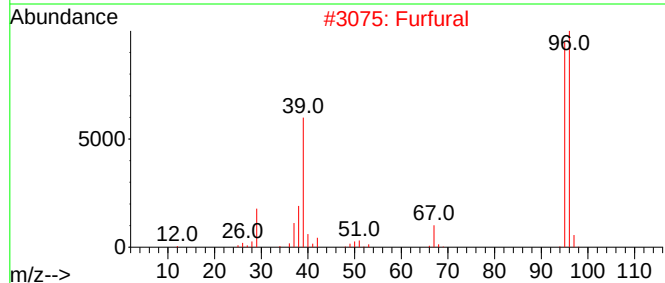
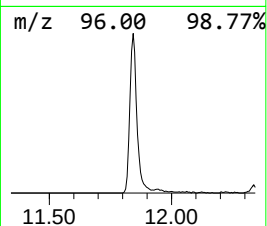
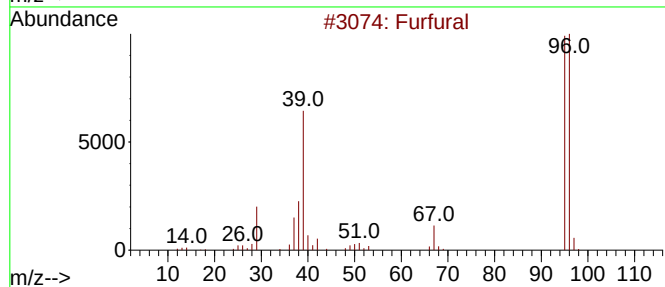
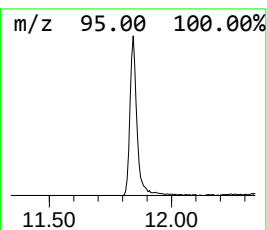
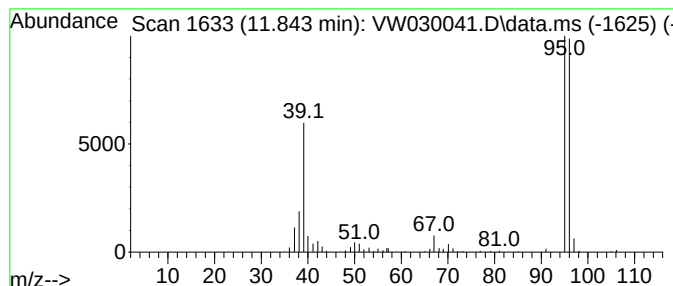
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Quant Title : SFAM01.0

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

Peak Number 9 Furfural Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.843	6.42 ug/L	116648	Chlorobenzene-d5	11.623

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	96
2	Furfural			96	C5H4O2	000098-01-1	95
3	Furfural			96	C5H4O2	000098-01-1	95
4	Furfural			96	C5H4O2	000098-01-1	94
5	3-Furaldehyde			96	C5H4O2	000498-60-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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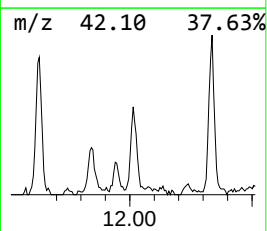
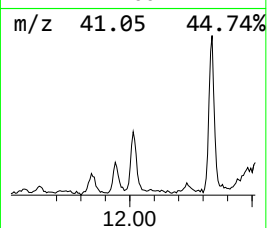
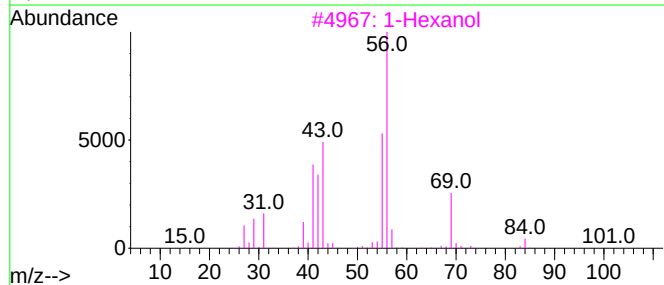
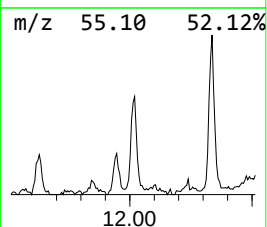
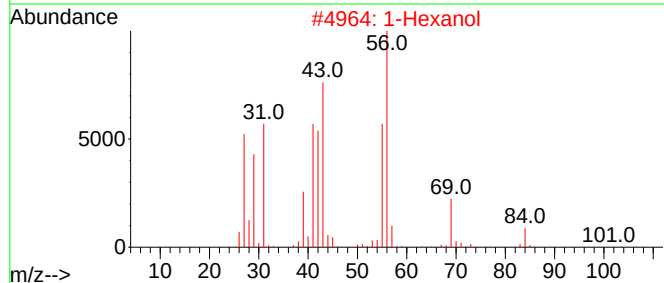
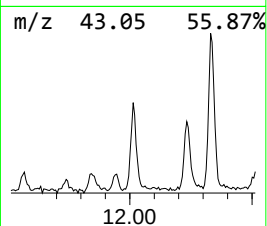
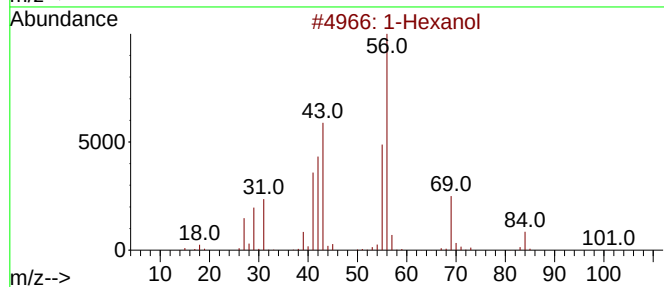
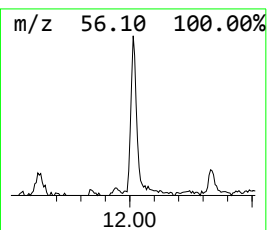
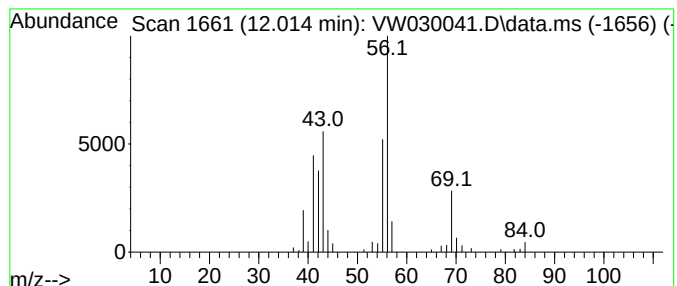
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Quant Title : SFAM01.0

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

Peak Number 10 1-Hexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	1.62 ug/L	29528	Chlorobenzene-d5	11.623

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol			102	C6H14O	000111-27-3	78
2	1-Hexanol			102	C6H14O	000111-27-3	78
3	1-Hexanol			102	C6H14O	000111-27-3	78
4	1-Hexanol			102	C6H14O	000111-27-3	72
5	Cyclopropane, propyl-			84	C6H12	002415-72-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

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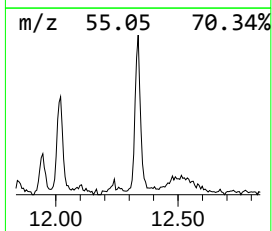
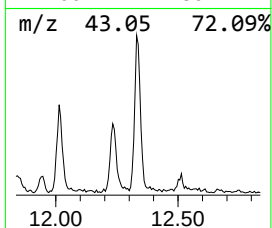
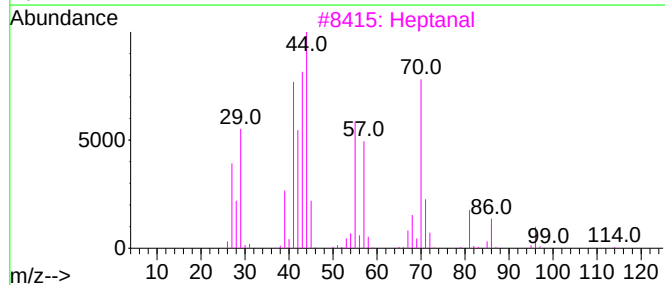
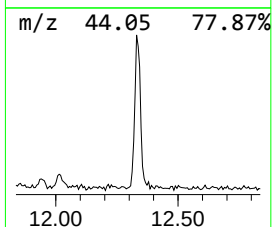
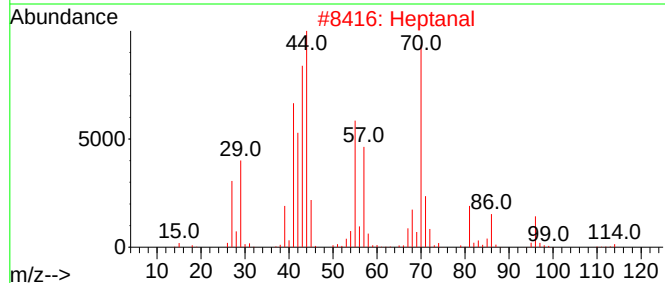
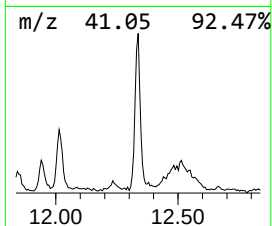
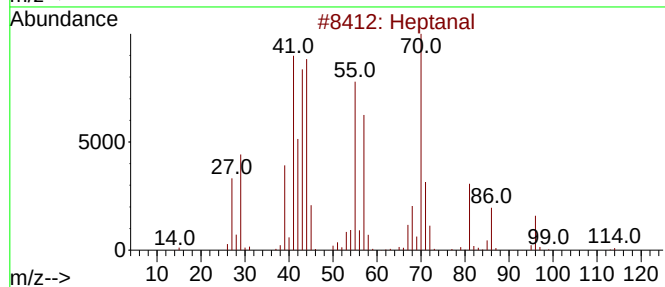
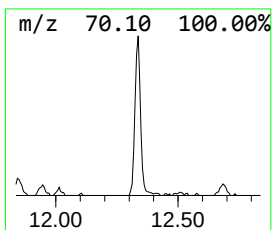
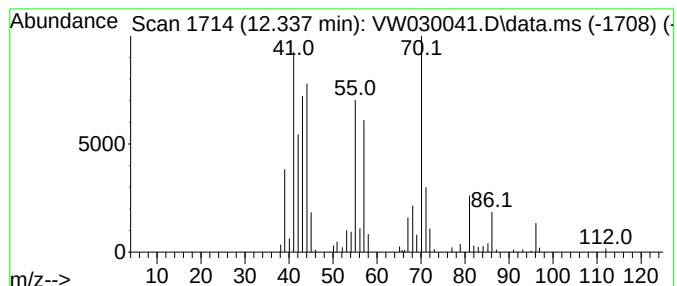
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	4.02 ug/L	73077	Chlorobenzene-d5	11.623

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	91
2			Heptanal	114	C7H14O	000111-71-7	64
3			Heptanal	114	C7H14O	000111-71-7	50
4			Vinyl ether	70	C4H6O	000109-93-3	50
5			Heptanal	114	C7H14O	000111-71-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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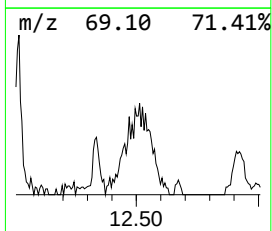
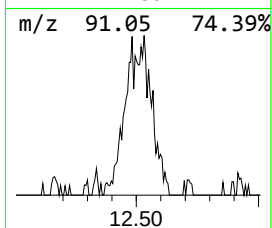
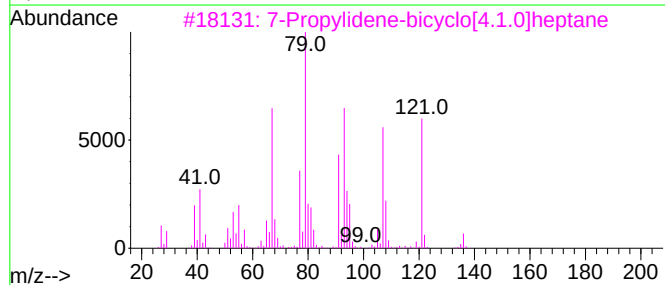
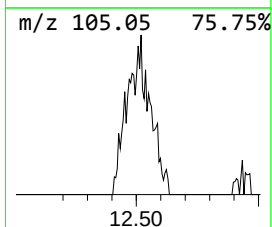
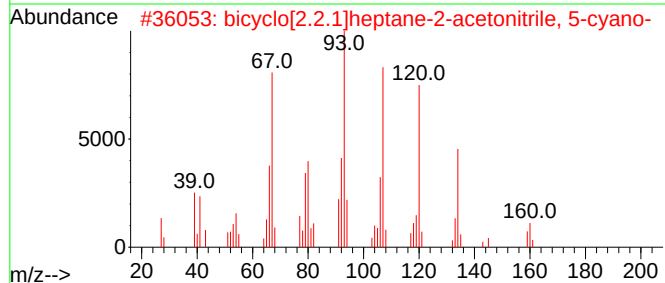
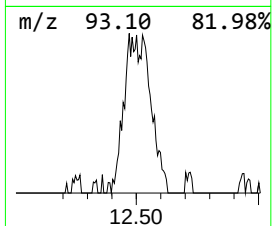
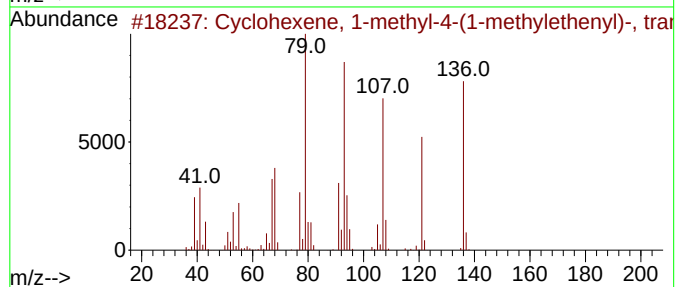
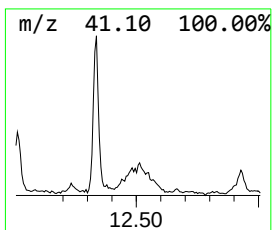
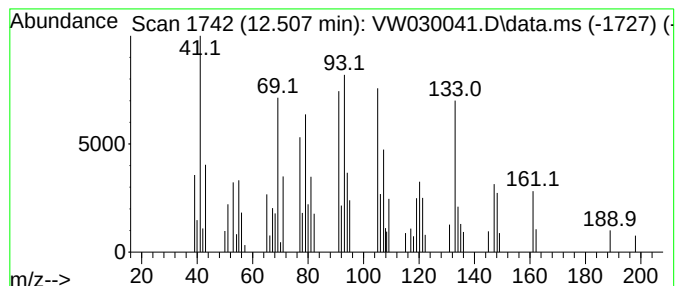
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	4.82 ug/L	87526	Chlorobenzene-d5	11.623

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	006876-12-6	27
2			bicyclo[2.2.1]heptane-2-acetonit...	160	C10H12N2	1000404-40-1	27
3			7-Propylidene-bicyclo[4.1.0]heptane	136	C10H16	082253-09-6	27
4			1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	25
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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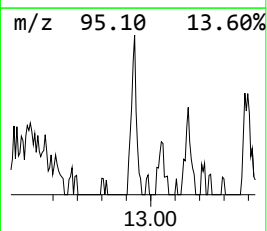
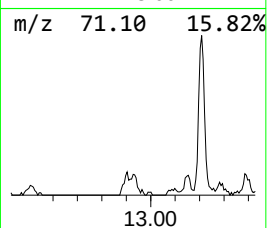
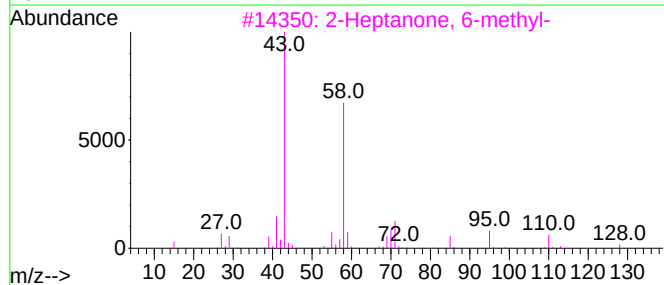
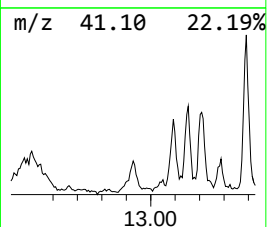
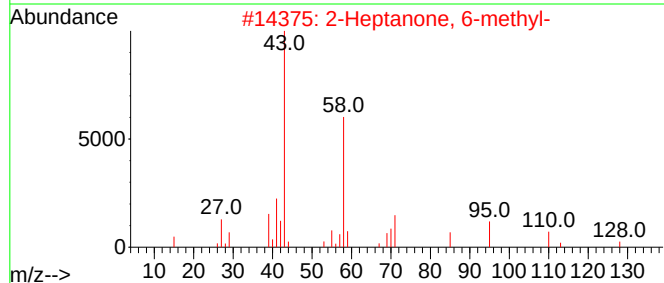
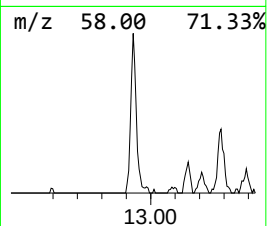
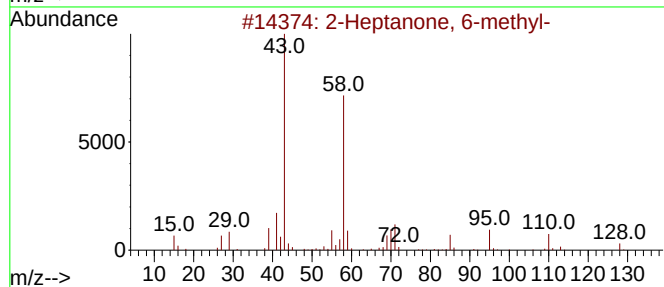
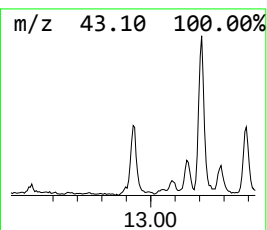
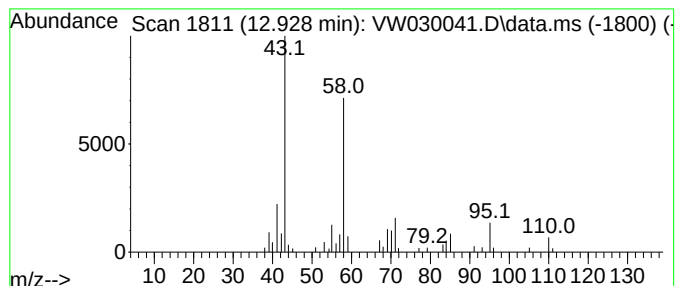
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Quant Title : SFAM01.0

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

Peak Number 14 2-Heptanone, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	3.27 ug/L	27752	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	83
2			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
3			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
4			Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	50
5			2-Hexanone	100	C6H12O	000591-78-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

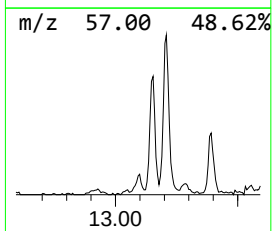
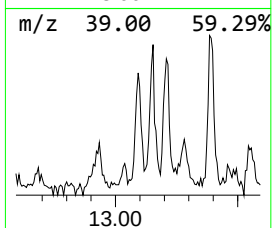
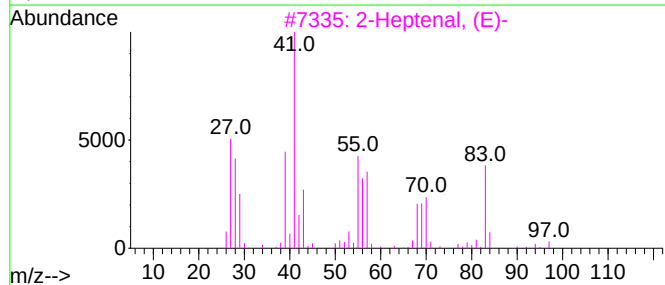
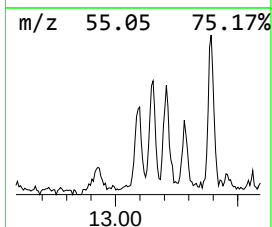
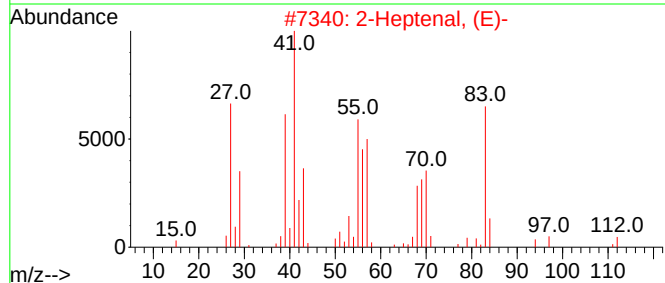
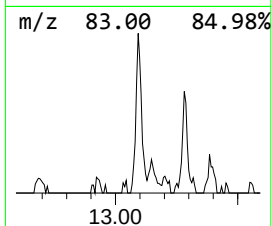
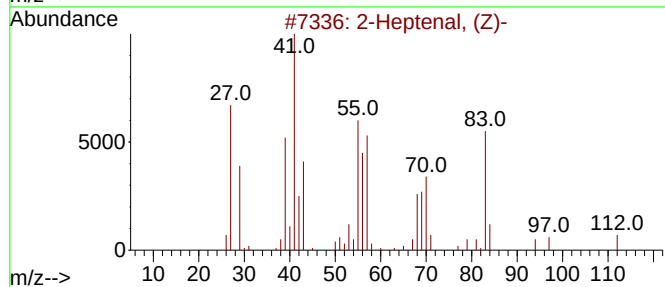
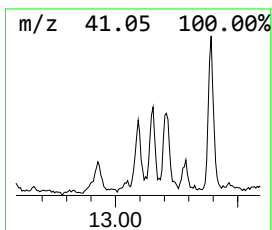
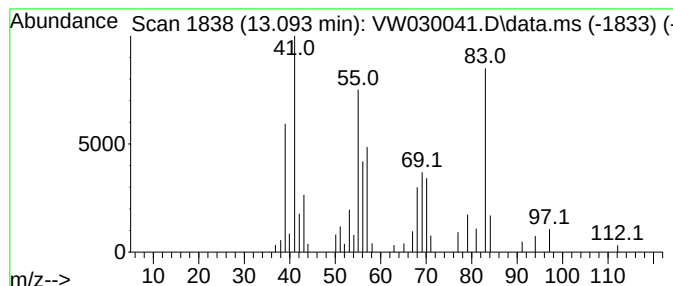
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Quant Title : SFAM01.0

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

Peak Number 15 2-Heptenal, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.093	2.92 ug/L	24804	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptenal, (Z)-	112	C7H12O	057266-86-1	64
2		2-Heptenal, (E)-	112	C7H12O	018829-55-5	58
3		2-Heptenal, (E)-	112	C7H12O	018829-55-5	50
4		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	50
5		(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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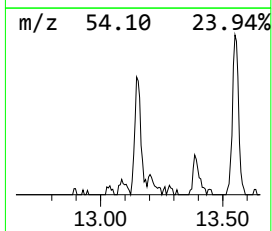
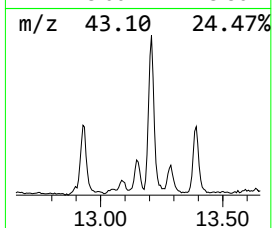
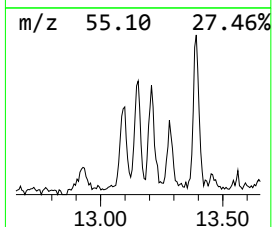
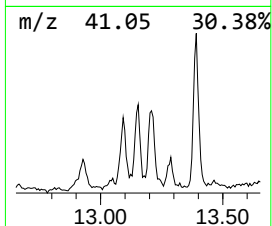
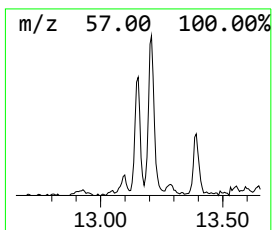
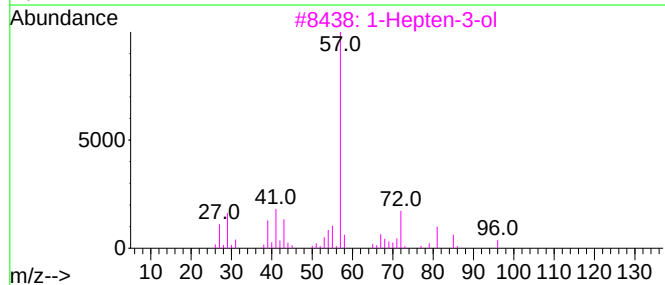
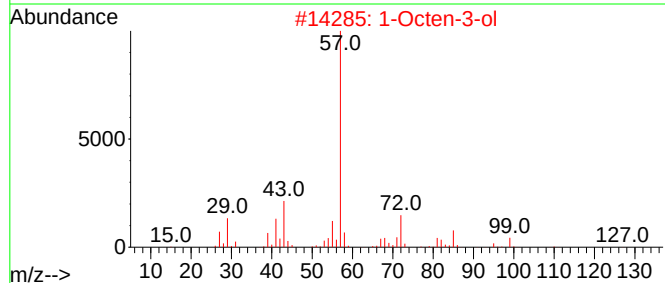
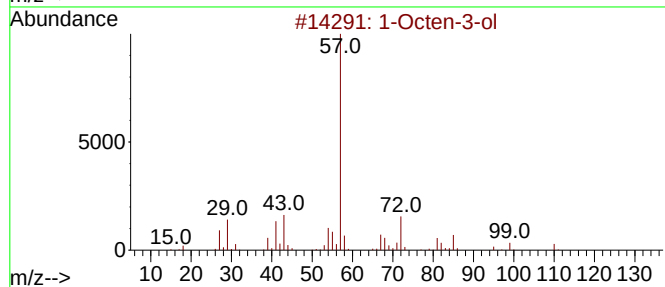
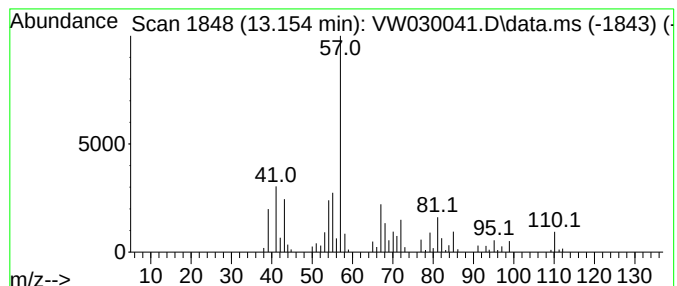
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.154	5.12 ug/L	43502	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	38
2		1-Octen-3-ol	128	C8H16O	003391-86-4	35
3		1-Hepten-3-ol	114	C7H14O	004938-52-7	32
4		1-Octen-3-ol	128	C8H16O	003391-86-4	27
5		2-Octen-1-ol, (E)-	128	C8H16O	018409-17-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

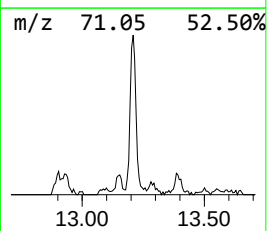
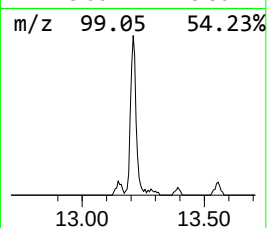
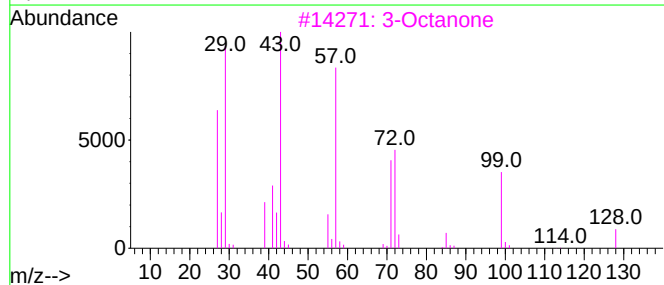
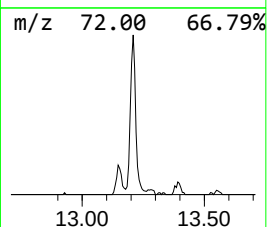
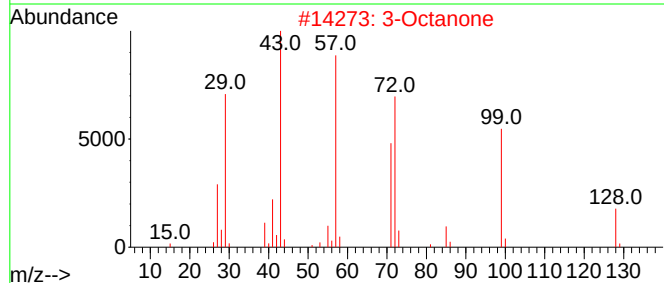
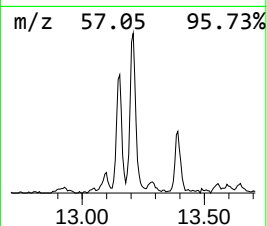
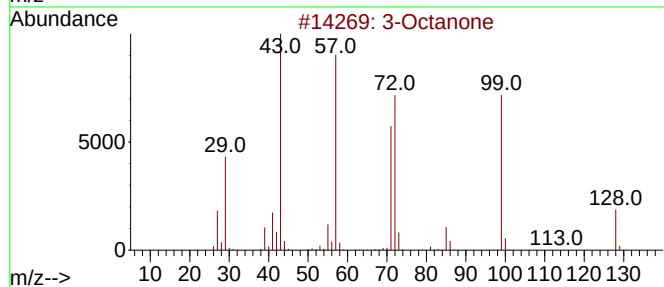
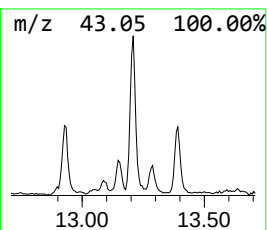
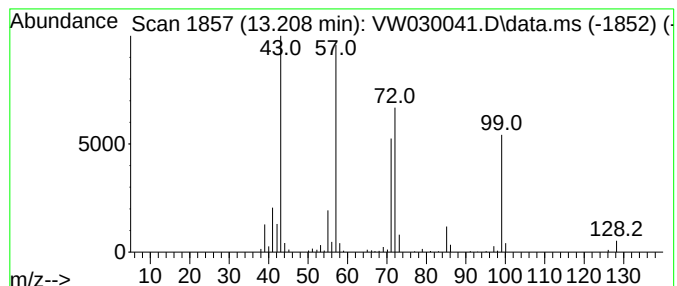
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Quant Title : SFAM01.0

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

Peak Number 17 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	8.01 ug/L	68057	1,4-Dichlorobenzene-d4	13.556

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	94
3		3-Octanone	128	C8H16O	000106-68-3	91
4		Butanal, 2-ethyl-	100	C6H12O	000097-96-1	47
5		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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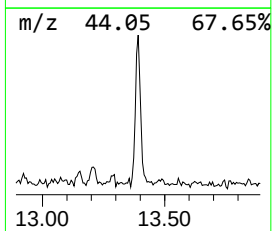
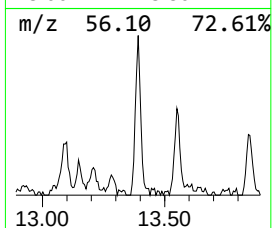
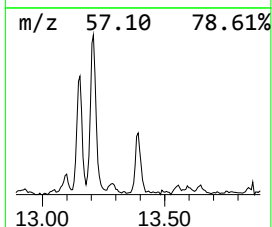
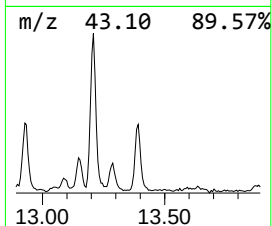
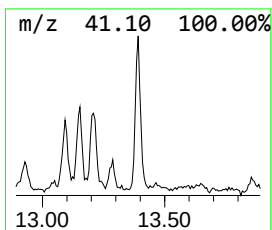
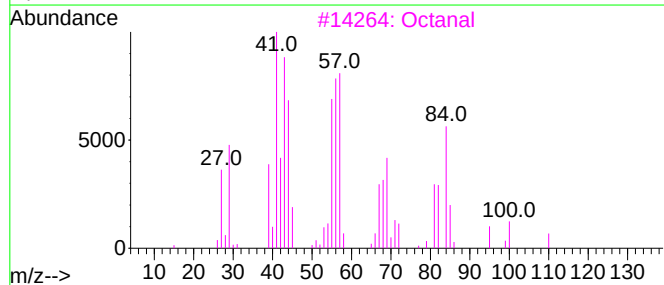
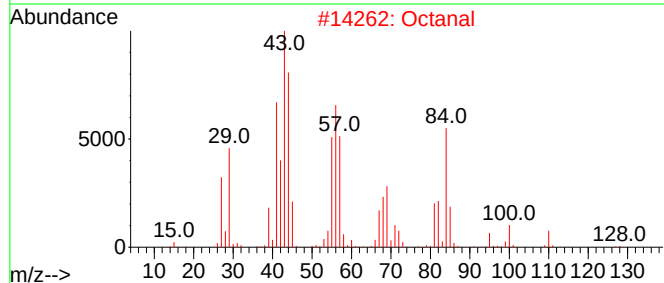
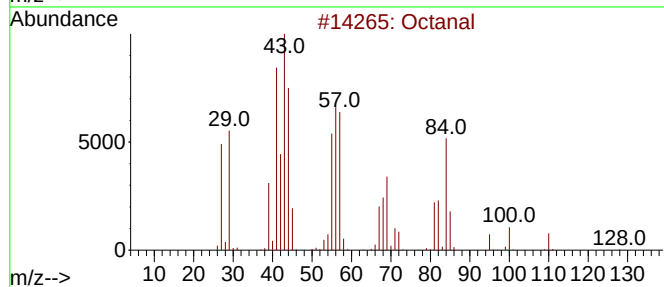
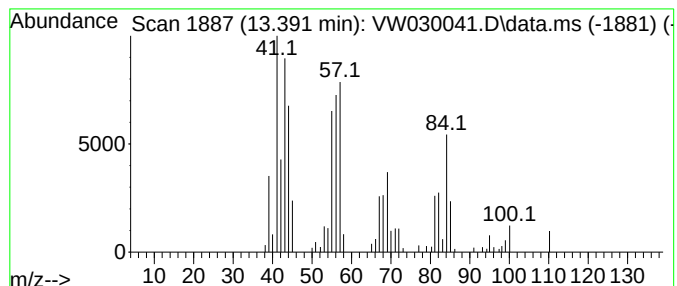
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Quant Title : SFAM01.0

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

Peak Number 19 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	6.63 ug/L	56355	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	87
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

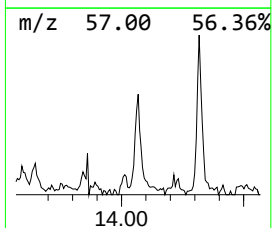
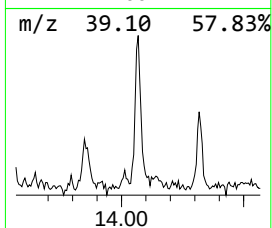
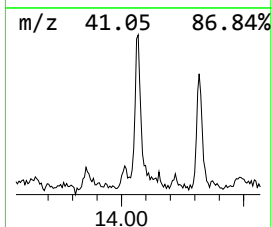
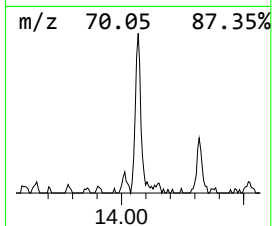
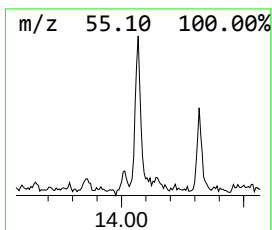
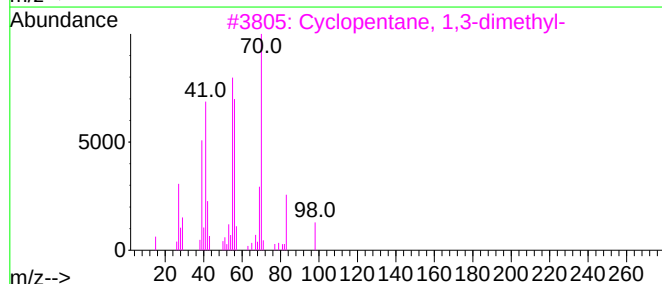
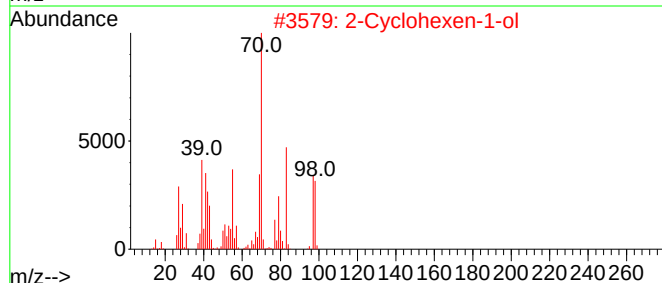
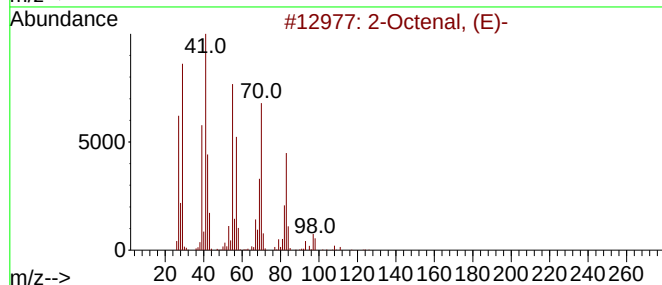
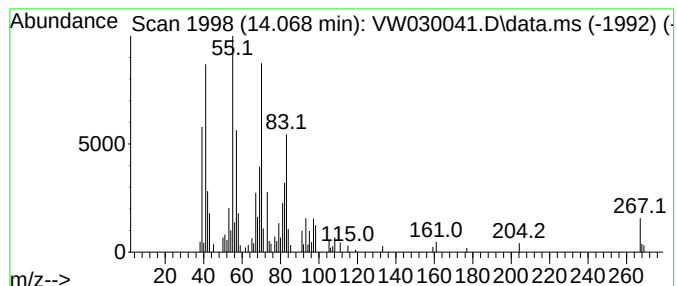
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Quant Title : SFAM01.0

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

Peak Number 20 2-Octenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	7.77 ug/L	66024	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octenal, (E)-	126	C8H14O	002548-87-0	50
2		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38
4		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	25
5		Methacrolein	70	C4H6O	000078-85-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

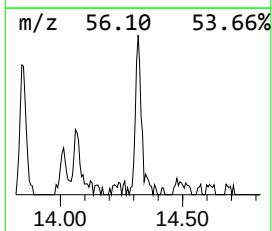
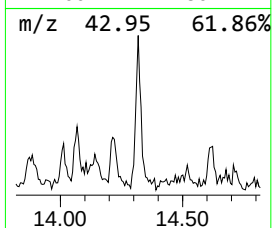
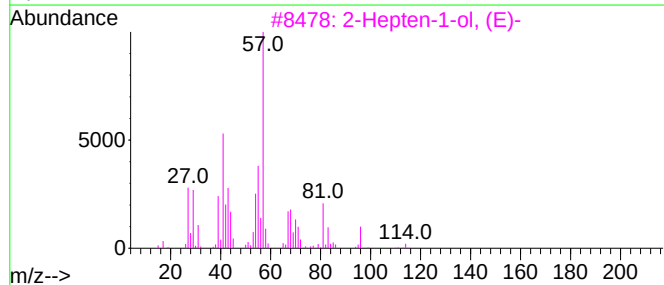
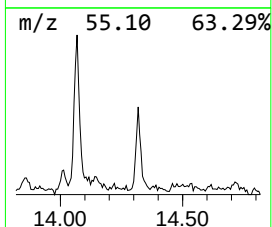
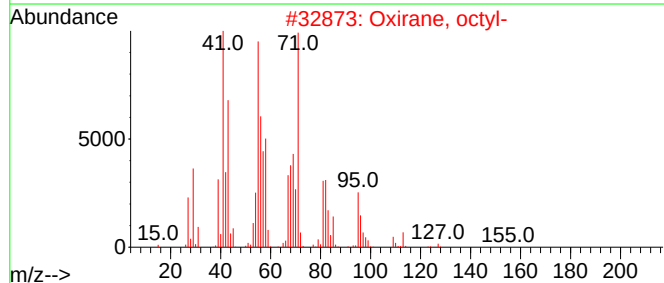
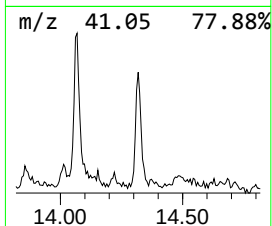
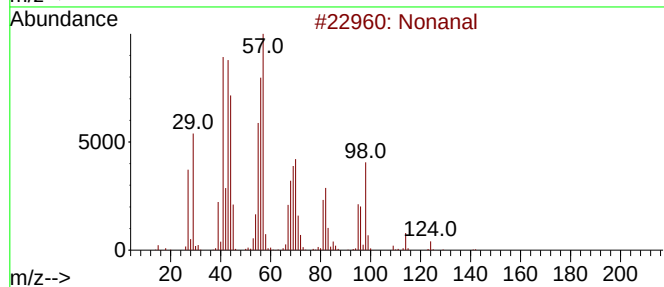
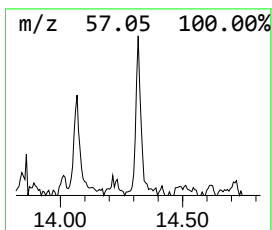
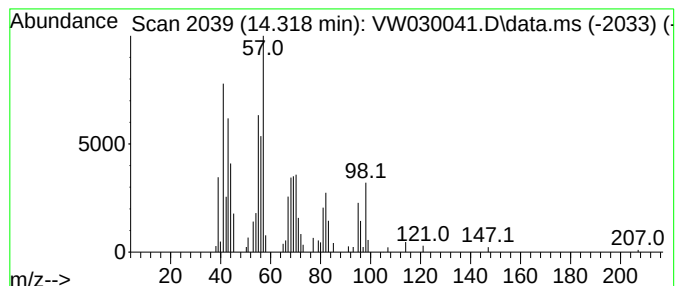
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Quant Title : SFAM01.0

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

Peak Number 21 Nonanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	3.69 ug/L	31353	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	64
2			Oxirane, octyl-	156	C10H20O	002404-44-6	52
3			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	38
4			2-Heptene	98	C7H14	000592-77-8	30
5			7-Octen-1-ol, 2,6-dimethyl-	156	C10H20O	157615-34-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

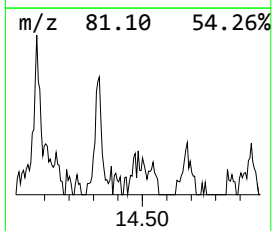
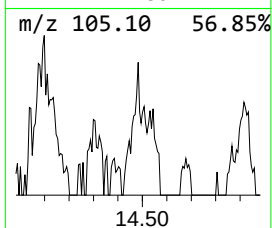
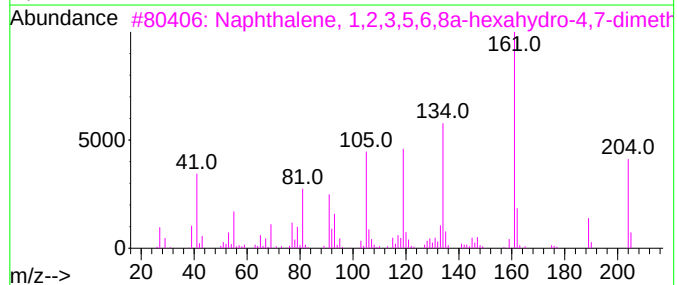
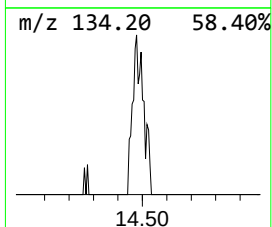
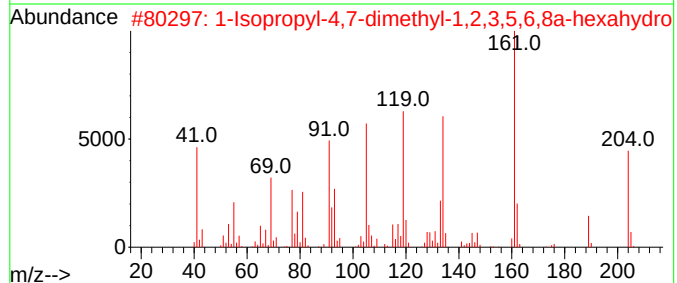
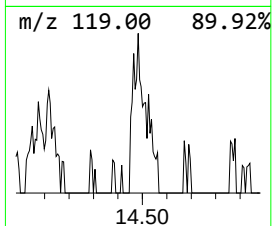
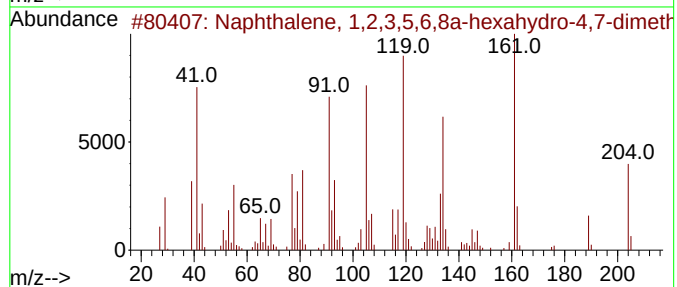
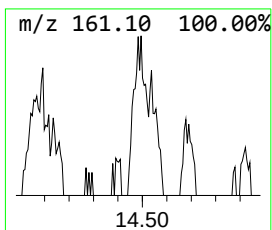
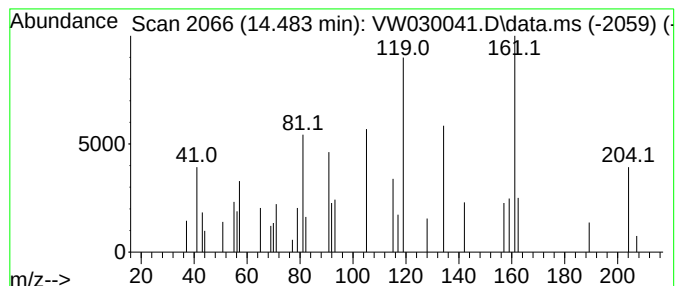
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Quant Title : SFAM01.0

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

Peak Number 22 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.483	1.30 ug/L	11080	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	64
2			1-Isopropyl-4,7-dimethyl-1,2,3,5...	204	C15H24	016729-01-4	62
3			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	49
4			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	49
5			Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ2

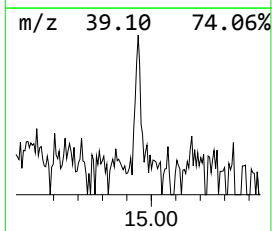
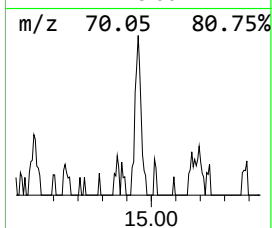
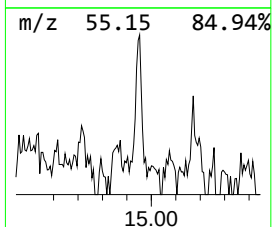
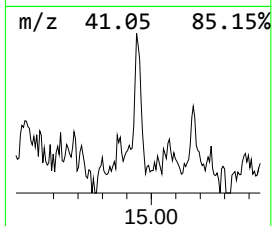
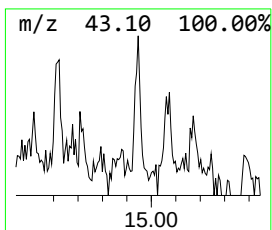
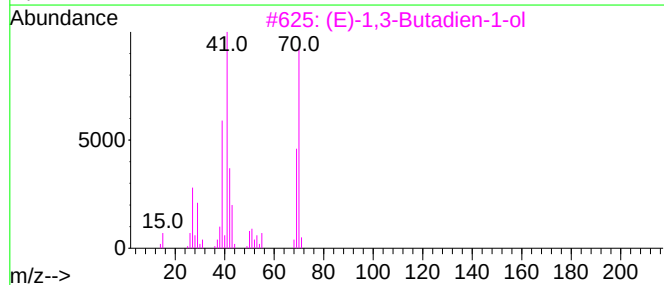
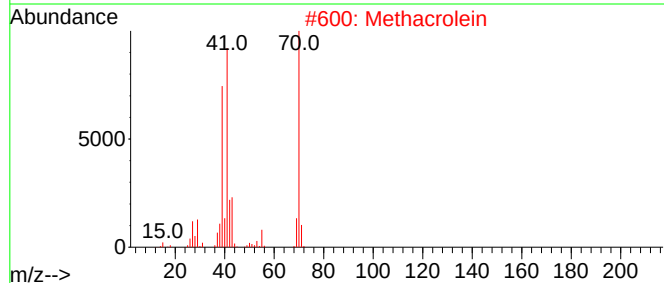
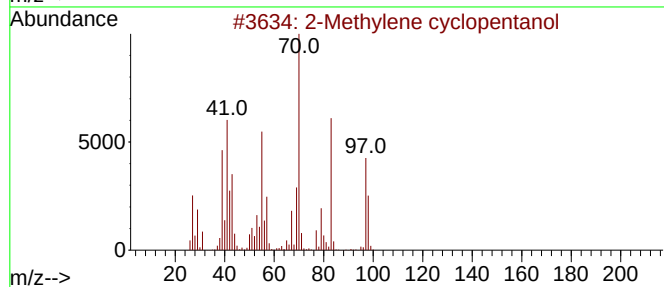
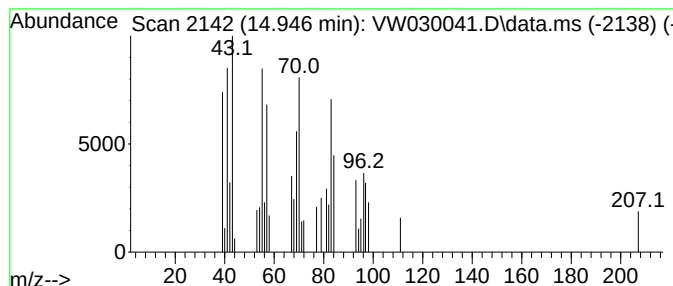
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Quant Title : SFAM01.0

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

Peak Number 23 2-Methylene cyclopentanol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	1.29 ug/L	10931	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	62
2			Methacrolein	70	C4H6O	000078-85-3	58
3			(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	53
4			Oxetane, 2-(1,1-dimethylethyl)-3...	128	C8H16O	007045-82-1	53
5			2-Hexenal, (E)-	98	C6H10O	006728-26-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030041.D
Acq On : 27 Aug 2024 13:57
Operator : SY/MD
Sample : P3675-18
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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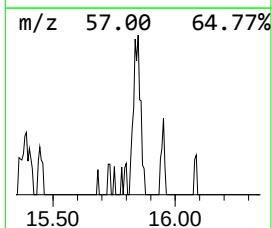
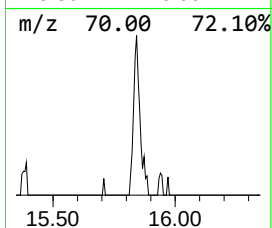
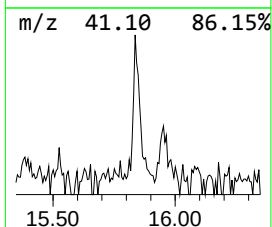
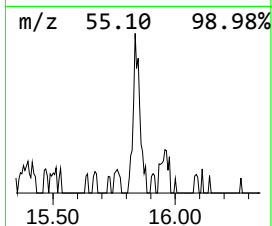
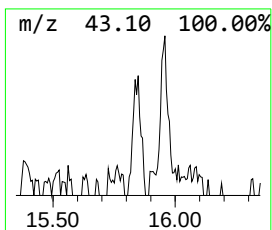
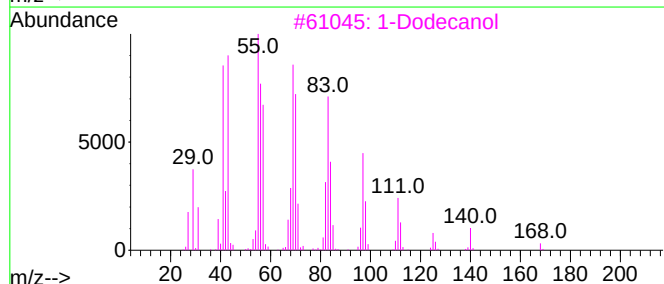
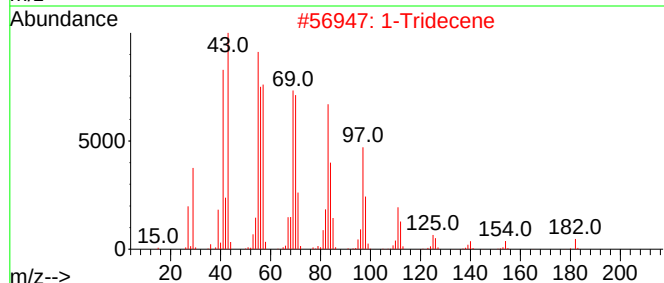
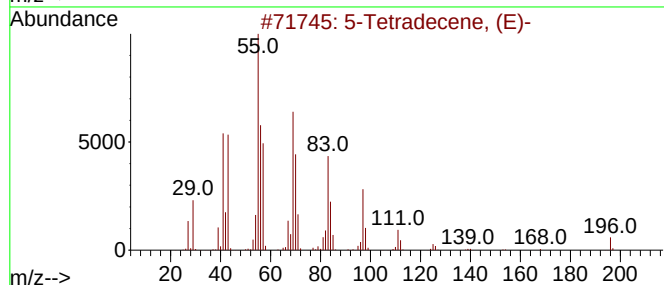
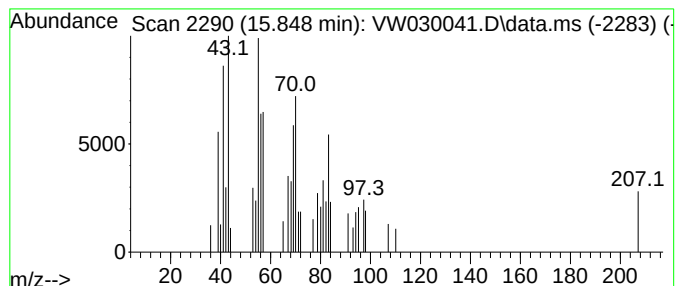
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.848	1.48 ug/L	12589	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Tetradecene, (E)-	196	C14H28	041446-66-6	53
2		1-Tridecene	182	C13H26	002437-56-1	52
3		1-Dodecanol	186	C12H26O	000112-53-8	50
4		n-Tridecan-1-ol	200	C13H28O	000112-70-9	50
5		5-Tridecene, (E)-	182	C13H26	023051-84-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030041.D
 Acq On : 27 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3675-18
 Misc : 3.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ2

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.503	2.3	ug/L	54375	1	8.843	604113	25.0
(DEL) Alkane: S...	3.387	2.9	ug/L	70034	1	8.843	604113	25.0
Butanal	6.899	2.5	ug/L	59691	1	8.843	604113	25.0
Butanal, 3-methyl-	8.551	1.4	ug/L	33689	1	8.843	604113	25.0
2-Butanone, 3-m...	8.703	4.7	ug/L	112966	1	8.843	604113	25.0
Pentanal	9.404	11.2	ug/L	269615	1	8.843	604113	25.0
Hexanal	11.069	68.2	ug/L	1240390	2	11.623	454398	25.0
Furfural	11.843	6.4	ug/L	116648	2	11.623	454398	25.0
1-Hexanol	12.014	1.6	ug/L	29528	2	11.623	454398	25.0
Heptanal	12.337	4.0	ug/L	73077	2	11.623	454398	25.0
unknown-01	12.507	4.8	ug/L	87526	2	11.623	454398	25.0
2-Heptanone, 6-...	12.928	3.3	ug/L	27752	3	13.556	212353	25.0
2-Heptenal, (Z)-	13.093	2.9	ug/L	24804	3	13.556	212353	25.0
unknown-02	13.154	5.1	ug/L	43502	3	13.556	212353	25.0
3-Octanone	13.208	8.0	ug/L	68057	3	13.556	212353	25.0
Octanal	13.391	6.6	ug/L	56355	3	13.556	212353	25.0
2-Octenal, (E)-	14.068	7.8	ug/L	66024	3	13.556	212353	25.0
Nonanal	14.318	3.7	ug/L	31353	3	13.556	212353	25.0
Naphthalene, 1,...	14.483	1.3	ug/L	11080	3	13.556	212353	25.0
2-Methylene cyc...	14.946	1.3	ug/L	10931	3	13.556	212353	25.0
(DEL) Alkane: S...	15.848	1.5	ug/L	12589	3	13.556	212353	25.0