

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030072.D
 Acq On : 28 Aug 2024 13:33
 Operator : SY/MD
 Sample : P3721-14RE
 Misc : 3.75g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYI2RE

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: VW030072.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	45	47	51	rVB3	1110	1299	0.18%	0.021%
2	2.363	69	78	94	rBV	45305	121732	17.07%	1.950%
3	2.497	95	100	110	rBV	12253	29257	4.10%	0.469%
4	2.899	158	166	181	rVV2	29919	92074	12.91%	1.475%
5	3.027	184	187	193	rVB3	2336	4100	0.57%	0.066%
6	3.301	225	232	238	rBV5	1827	4472	0.63%	0.072%
7	3.393	238	247	260	rBV	27626	64472	9.04%	1.033%
8	3.734	299	303	309	rVB5	842	1449	0.20%	0.023%
9	3.844	318	321	322	rBV2	667	702	0.10%	0.011%
10	3.856	322	323	326	rVB2	728	513	0.07%	0.008%
11	4.021	338	350	359	rBV	78718	253382	35.53%	4.059%
12	4.118	359	366	382	rVV	81741	240036	33.66%	3.845%
13	4.277	384	392	403	rVV2	8667	31263	4.38%	0.501%
14	4.387	405	410	426	rVV2	4123	13457	1.89%	0.216%
15	4.679	449	458	470	rBV	5901	18262	2.56%	0.293%
16	4.917	485	497	514	rVB5	4913	20460	2.87%	0.328%
17	5.789	631	640	651	rVB4	2434	8258	1.16%	0.132%
18	5.947	656	666	676	rVV3	5015	14831	2.08%	0.238%
19	6.124	684	695	702	rVV4	1152	3916	0.55%	0.063%
20	6.307	720	725	732	rVB3	282	534	0.07%	0.009%
21	6.898	813	822	834	rBV3	11028	33214	4.66%	0.532%
22	6.990	834	837	838	rBV3	597	649	0.09%	0.010%
23	7.075	843	851	862	rBV2	22773	72412	10.16%	1.160%
24	7.648	934	945	957	rBV	124243	302551	42.43%	4.847%
25	7.776	962	966	973	rVB3	981	1834	0.26%	0.029%
26	8.276	1037	1048	1064	rBV2	246298	713053	100.00%	11.423%
27	8.398	1066	1068	1074	rVB3	722	966	0.14%	0.015%
28	8.551	1080	1093	1098	rBV4	8392	24852	3.49%	0.398%
29	8.703	1109	1118	1130	rBV	24656	57037	8.00%	0.914%
30	8.837	1132	1140	1155	rVV	268584	545559	76.51%	8.740%
31	9.063	1170	1177	1182	rBV5	810	2575	0.36%	0.041%
32	9.270	1202	1211	1222	rBV	162495	339380	47.60%	5.437%
33	9.404	1227	1233	1243	rVV	65463	122729	17.21%	1.966%
34	9.550	1251	1257	1264	rVV2	3813	7594	1.06%	0.122%
35	9.654	1270	1274	1280	rBV3	475	963	0.14%	0.015%
36	9.855	1306	1307	1312	rVB3	314	374	0.05%	0.006%

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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	1323	1336	1346	rBV	80729	148057	20.76%	2.372%
38	10.160	1346	1357	1362	rVB6	1198	3105	0.44%	0.050%
39	10.318	1373	1383	1390	rBV	284770	524887	73.61%	8.409%
40	10.386	1390	1394	1399	rVB	7046	11900	1.67%	0.191%
41	10.501	1408	1413	1419	rBV2	3007	4478	0.63%	0.072%
42	10.575	1419	1425	1431	rBV	49602	86290	12.10%	1.382%
43	10.696	1441	1445	1449	rBV3	3368	6239	0.87%	0.100%
44	10.739	1449	1452	1460	rVB3	4101	7023	0.98%	0.113%
45	10.922	1475	1482	1497	rBV	88485	159915	22.43%	2.562%
46	11.068	1499	1506	1519	rBV	320688	516515	72.44%	8.275%
47	11.209	1524	1529	1537	rVB2	3748	7097	1.00%	0.114%
48	11.428	1560	1565	1567	rBV4	211	378	0.05%	0.006%
49	11.471	1567	1572	1575	rVB3	645	945	0.13%	0.015%
50	11.568	1583	1588	1591	rBV5	1478	2552	0.36%	0.041%
51	11.629	1591	1598	1607	rVB	276104	466348	65.40%	7.471%
52	11.739	1612	1616	1623	rVB5	1877	3819	0.54%	0.061%
53	11.830	1623	1631	1641	rBV	30440	61152	8.58%	0.980%
54	11.940	1645	1649	1655	rVV5	5074	9328	1.31%	0.149%
55	12.013	1656	1661	1670	rVB	11471	19318	2.71%	0.309%
56	12.178	1685	1688	1691	rVB3	1019	977	0.14%	0.016%
57	12.233	1693	1697	1704	rVB2	4788	7367	1.03%	0.118%
58	12.336	1708	1714	1727	rBV	30711	52084	7.30%	0.834%
59	12.507	1737	1742	1750	rVB	11529	18691	2.62%	0.299%
60	12.599	1752	1757	1765	rVB2	4375	6938	0.97%	0.111%
61	12.690	1765	1772	1780	rVB	91458	149879	21.02%	2.401%
62	12.806	1787	1791	1796	rVB3	850	1380	0.19%	0.022%
63	12.928	1800	1811	1818	rBV	14334	28562	4.01%	0.458%
64	13.050	1825	1831	1833	rBV2	1930	3430	0.48%	0.055%
65	13.092	1833	1838	1843	rVV4	10825	20182	2.83%	0.323%
66	13.147	1843	1847	1852	rVV2	16730	29182	4.09%	0.467%
67	13.208	1852	1857	1862	rVV	39665	63193	8.86%	1.012%
68	13.269	1863	1867	1875	rVB2	14023	30868	4.33%	0.495%
69	13.391	1881	1887	1894	rBV2	28629	44958	6.31%	0.720%
70	13.489	1899	1903	1907	rVV7	1602	2736	0.38%	0.044%
71	13.556	1907	1914	1925	rVV	153419	251003	35.20%	4.021%
72	13.647	1925	1929	1935	rVB	2755	4073	0.57%	0.065%
73	13.848	1955	1962	1975	rBV	100715	175231	24.57%	2.807%
74	14.013	1983	1989	1993	rBV5	3741	6932	0.97%	0.111%
75	14.068	1993	1998	2008	rVV3	26483	47988	6.73%	0.769%
76	14.141	2008	2010	2017	rVB5	1731	2943	0.41%	0.047%

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 Title : SFAM01.0

77	14.220	2018	2023	2028	rVB4	1913	3106	0.44%	0.050%
78	14.318	2032	2039	2047	rBV2	17153	28644	4.02%	0.459%
79	14.482	2061	2066	2069	rBV5	1008	1913	0.27%	0.031%
80	14.513	2069	2071	2075	rVB4	1199	1692	0.24%	0.027%
81	14.556	2075	2078	2083	rVB5	489	796	0.11%	0.013%
82	14.610	2083	2087	2091	rBV4	2879	4632	0.65%	0.074%
83	14.714	2102	2104	2109	rVB4	1362	1818	0.25%	0.029%
84	14.854	2122	2127	2135	rVB7	1372	4102	0.58%	0.066%
85	14.946	2136	2142	2149	rBV3	9458	16275	2.28%	0.261%
86	15.068	2159	2162	2166	rVB3	897	1459	0.20%	0.023%
87	15.171	2175	2179	2181	rBV3	1630	2451	0.34%	0.039%
88	15.238	2186	2190	2194	rVB4	1433	1971	0.28%	0.032%
89	15.379	2207	2213	2218	rBV6	970	2192	0.31%	0.035%
90	15.482	2222	2230	2233	rBV3	1217	2374	0.33%	0.038%
91	15.513	2233	2235	2242	rVB3	1221	1594	0.22%	0.026%
92	15.629	2252	2254	2258	rBV3	343	584	0.08%	0.009%
93	15.738	2271	2272	2274	rBV	417	358	0.05%	0.006%
94	15.842	2282	2289	2296	rBV4	8492	16775	2.35%	0.269%
95	15.952	2300	2307	2317	rVB7	4004	8572	1.20%	0.137%
96	16.031	2317	2320	2322	rBV3	536	655	0.09%	0.010%
97	16.074	2325	2327	2329	rBV3	385	423	0.06%	0.007%
98	16.232	2352	2353	2357	rBV4	432	547	0.08%	0.009%
99	16.311	2362	2366	2368	rBV2	422	427	0.06%	0.007%
100	16.494	2394	2396	2401	rVB2	352	626	0.09%	0.010%

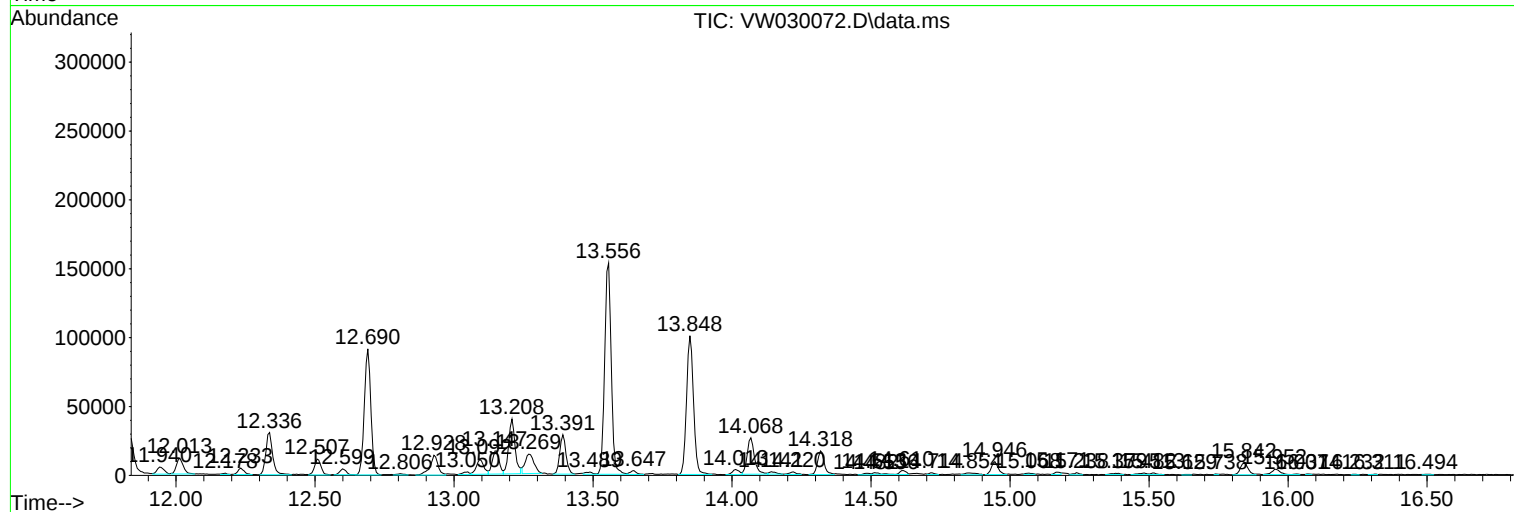
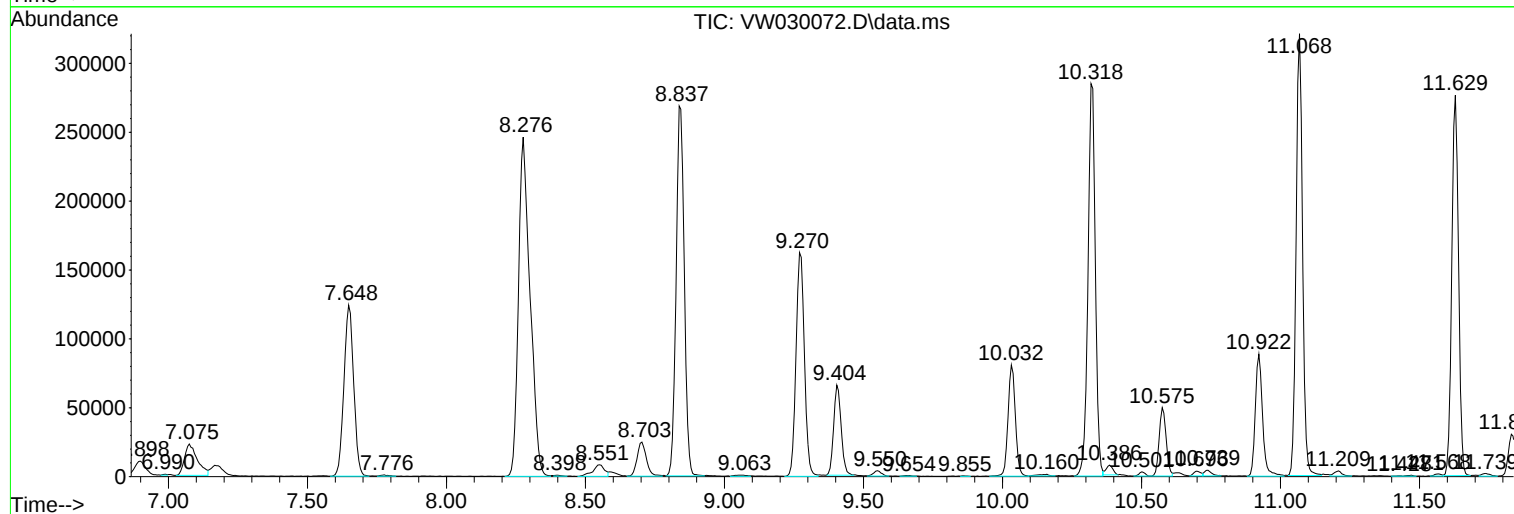
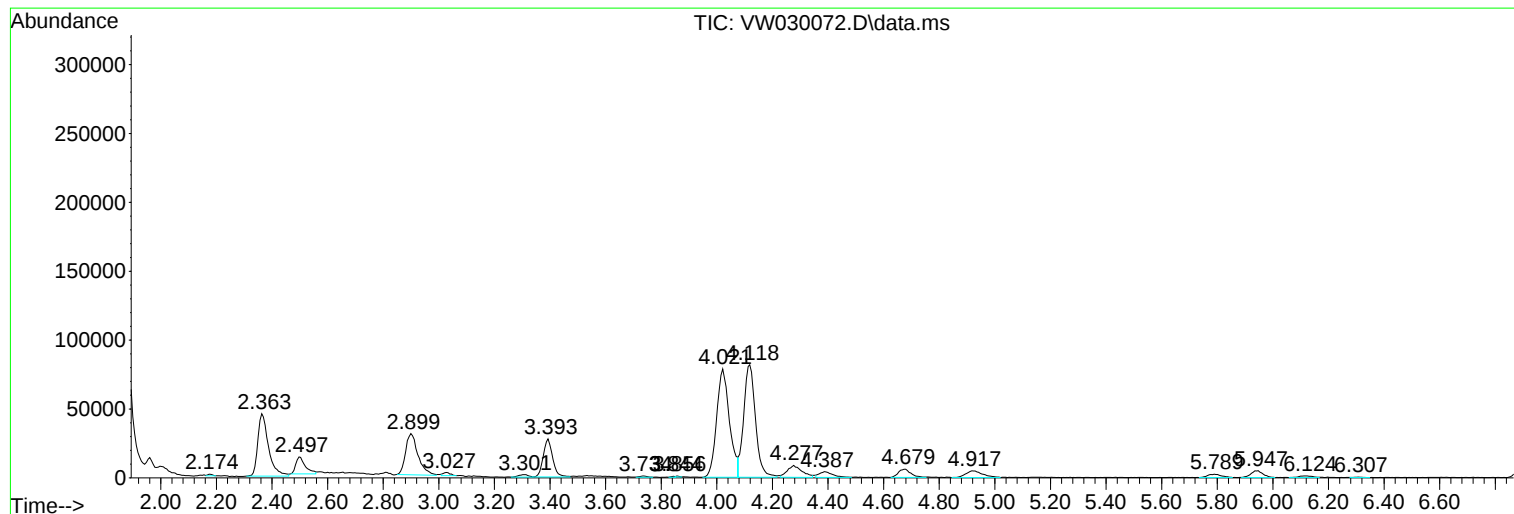
Sum of corrected areas: 6242140

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ClientSampleId :
DCYI2RE

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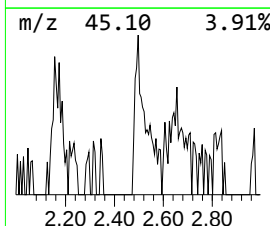
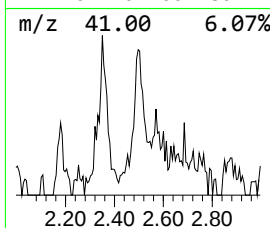
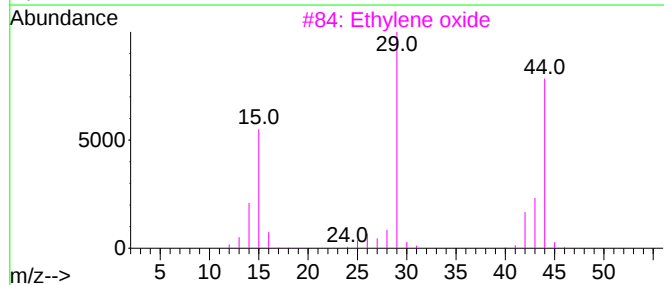
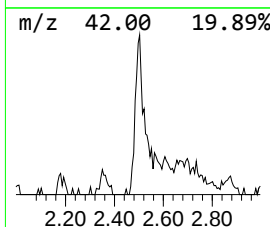
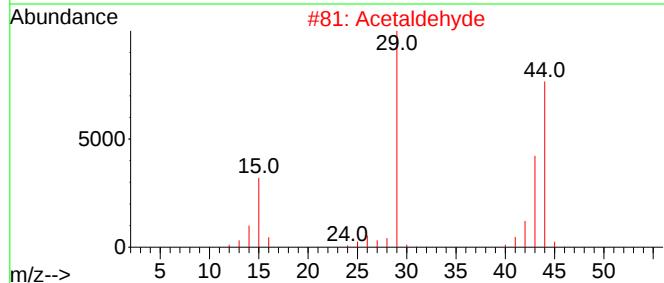
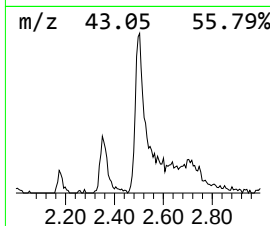
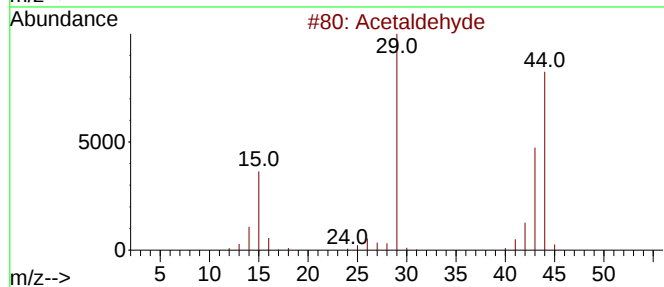
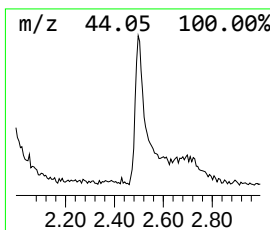
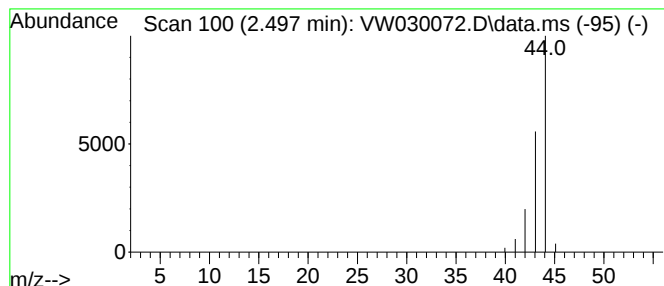
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	1.34 ug/L	29257	1,4-Difluorobenzene	8.837

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			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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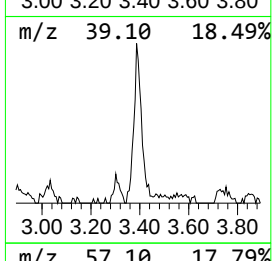
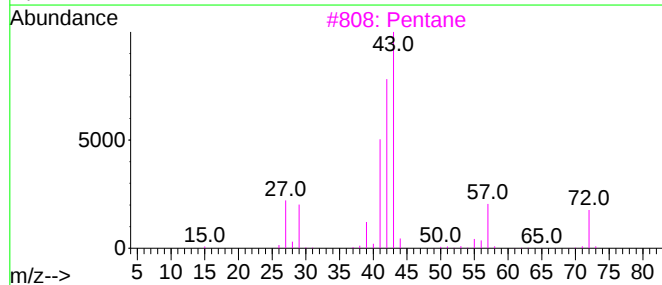
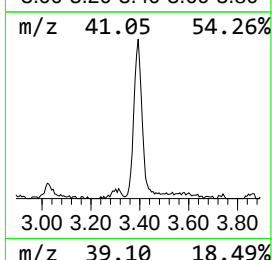
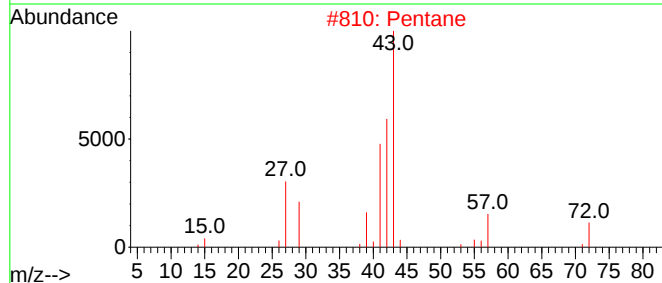
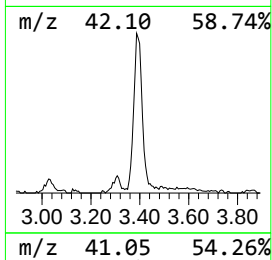
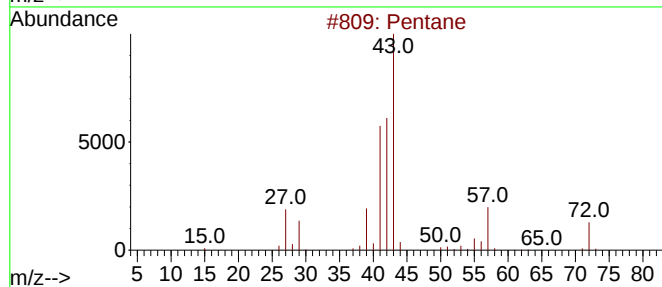
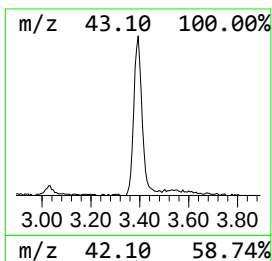
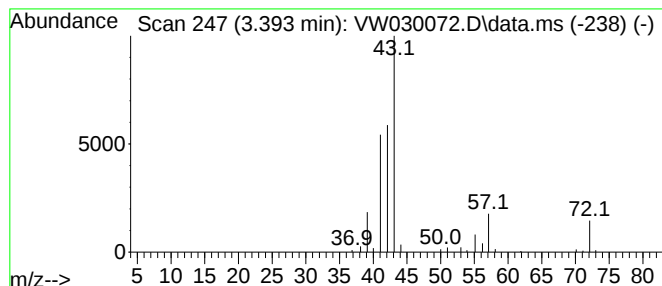
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	2.95 ug/L	64472	1,4-Difluorobenzene	8.837

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



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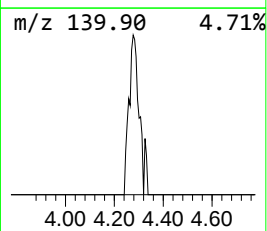
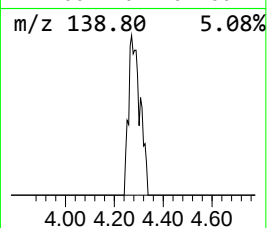
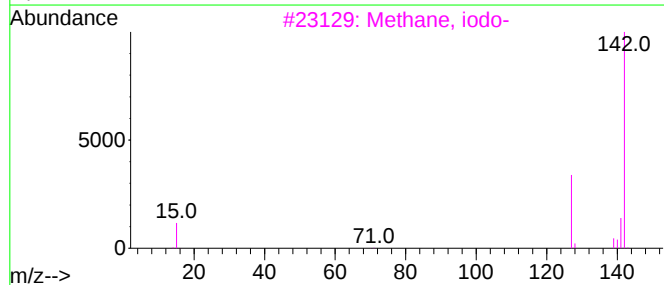
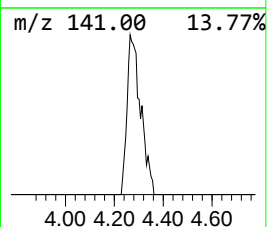
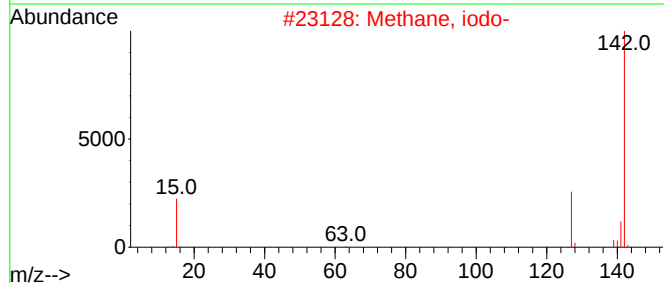
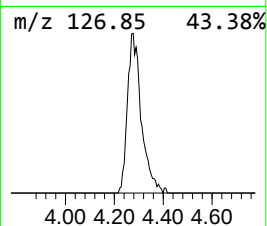
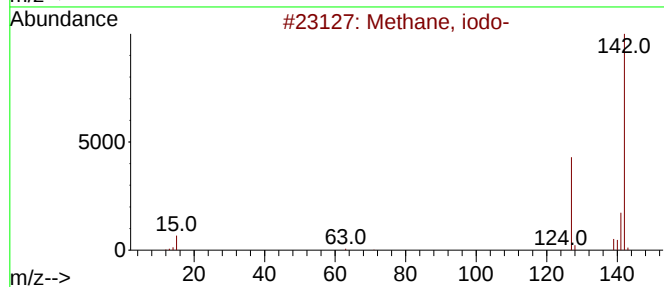
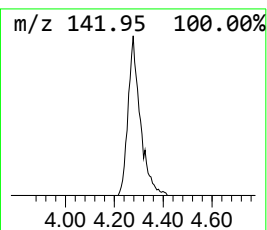
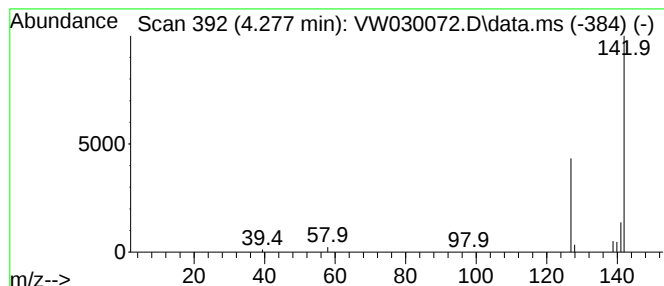
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Methane, iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.277	1.43 ug/L	31263	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methane, iodo-	142	CH3I	000074-88-4	90
2			Methane, iodo-	142	CH3I	000074-88-4	83
3			Methane, iodo-	142	CH3I	000074-88-4	83
4			Tetramethylammonium iodide	201	C4H12IN	000075-58-1	40
5			Choline iodide	231	C5H14INO	017773-10-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

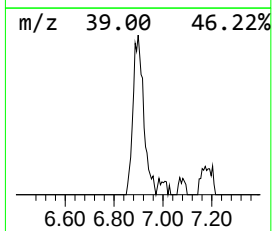
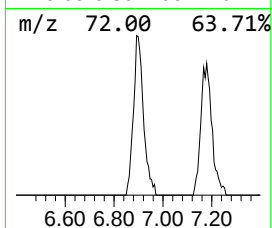
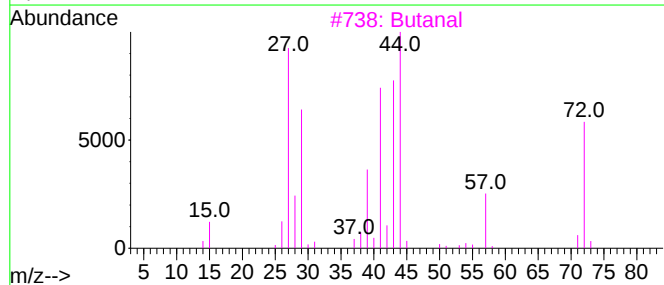
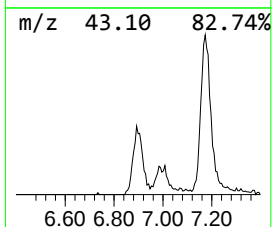
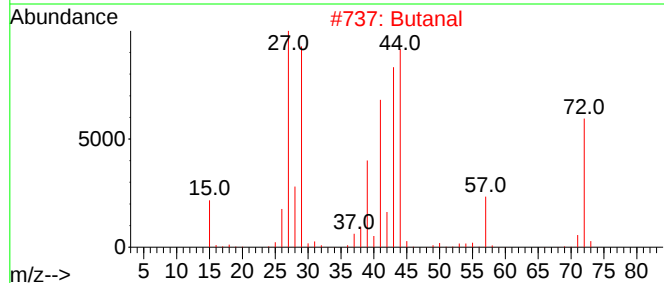
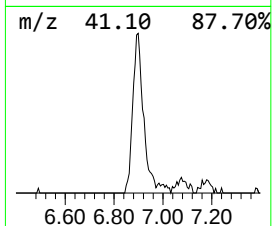
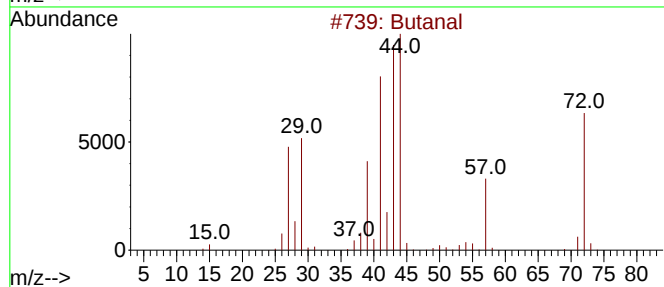
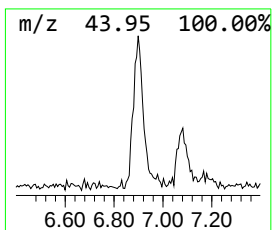
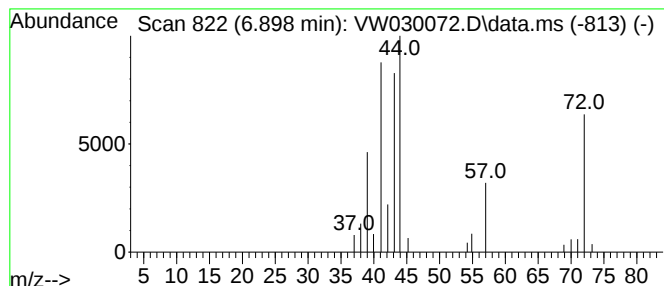
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Quant Title : SFAM01.0

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

Peak Number 4 Butanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	1.52 ug/L	33214	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	94
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	74
4	Butanal			72	C4H8O	000123-72-8	58
5	Propane			44	C3H8	000074-98-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

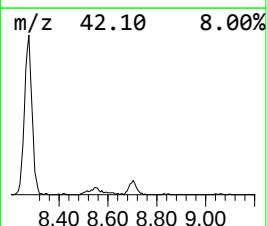
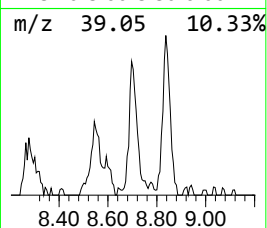
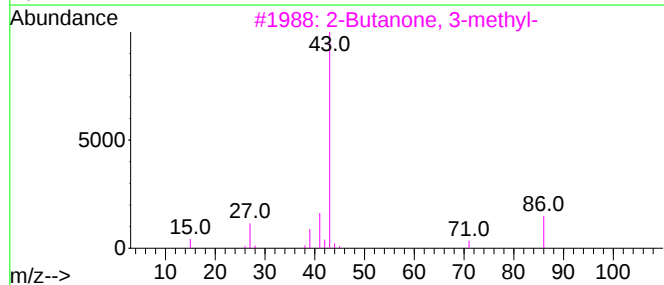
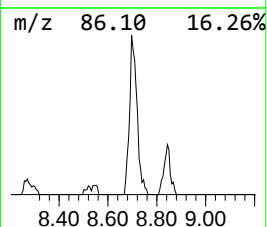
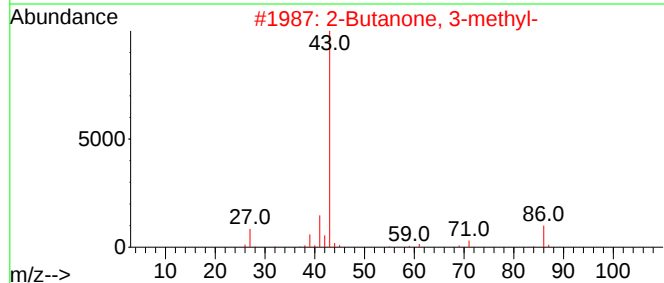
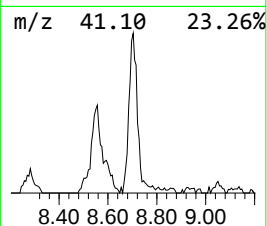
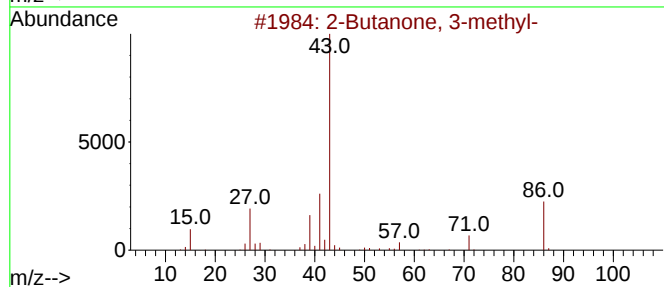
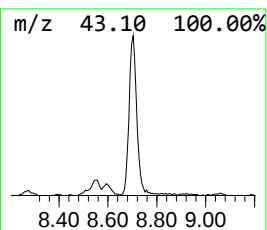
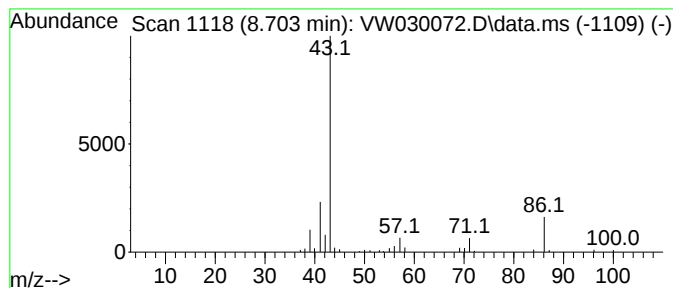
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Quant Title : SFAM01.0

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	2.61 ug/L	57037	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	64
2	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
3	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	53
4	2,3-Butanedione			86	C4H6O2	000431-03-8	52
5	2-Pentanone			86	C5H10O	000107-87-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

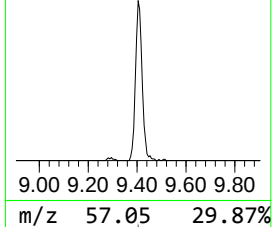
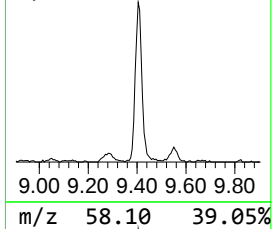
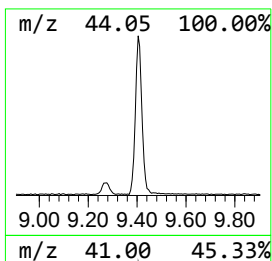
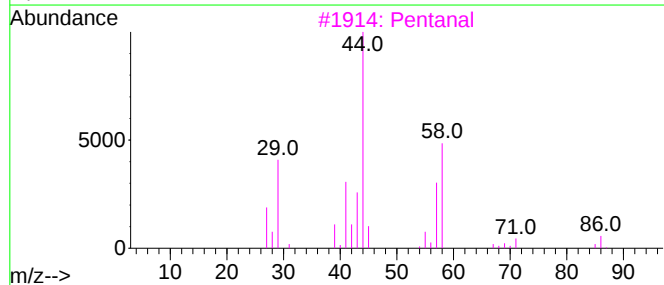
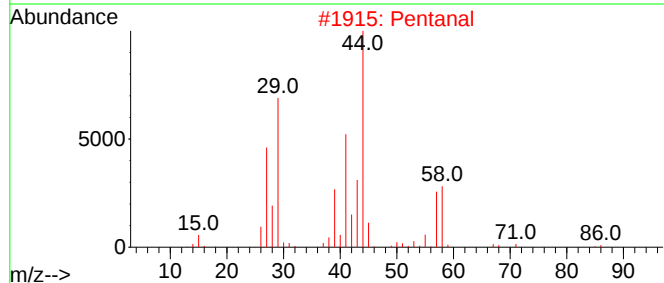
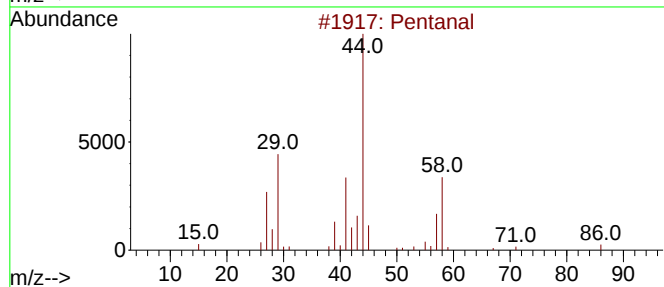
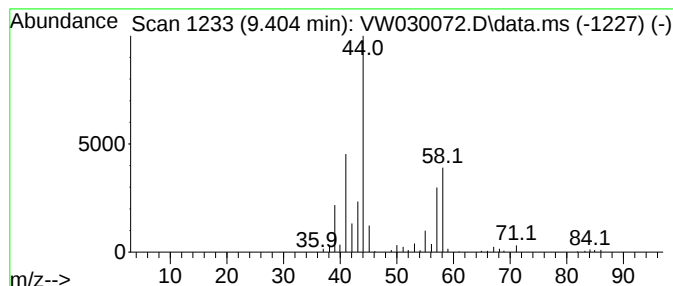
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Quant Title : SFAM01.0

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

Peak Number 6 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.62 ug/L	122729	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	83
2	Pentanal			86	C5H10O	000110-62-3	72
3	Pentanal			86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	53
5	Pentanal			86	C5H10O	000110-62-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

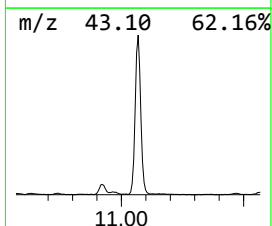
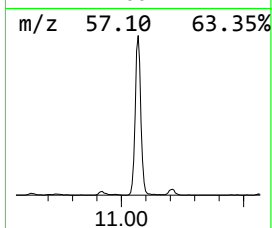
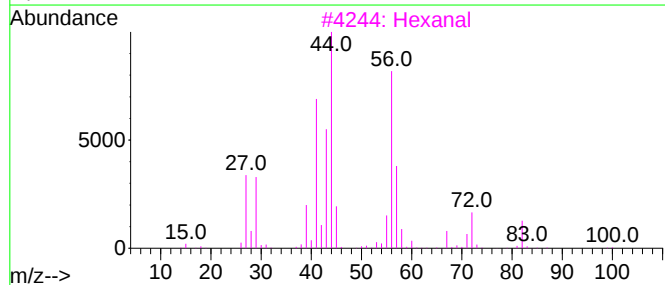
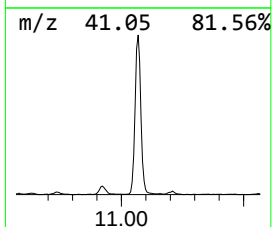
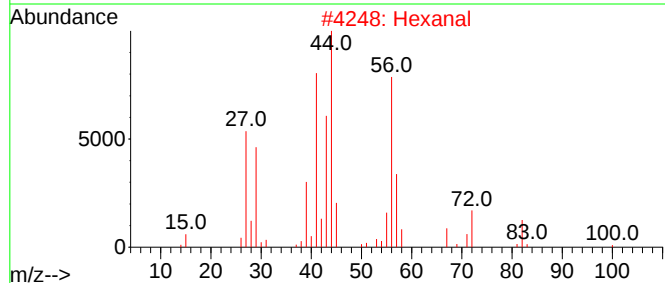
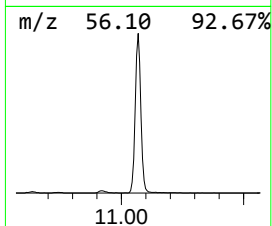
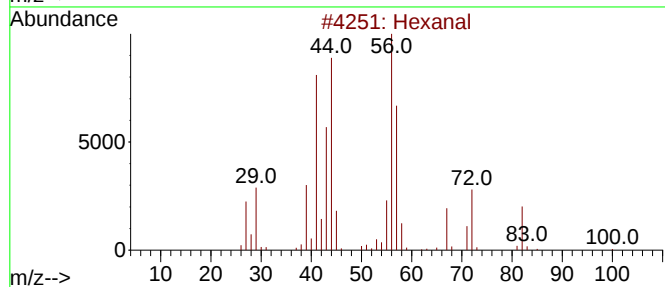
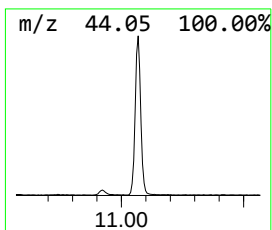
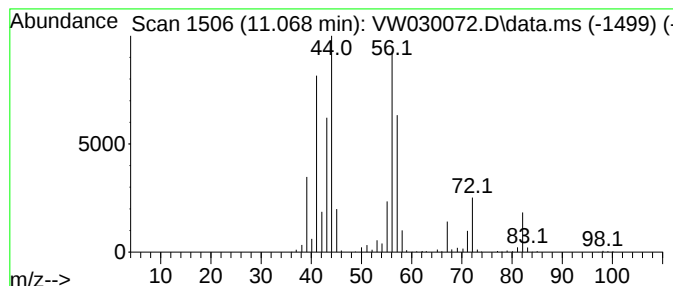
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Quant Title : SFAM01.0

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.
11.068	27.69 ug/L	516515	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	93
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	90
5	Hexanal			100	C6H12O	000066-25-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

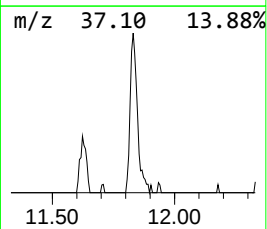
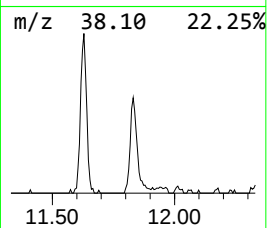
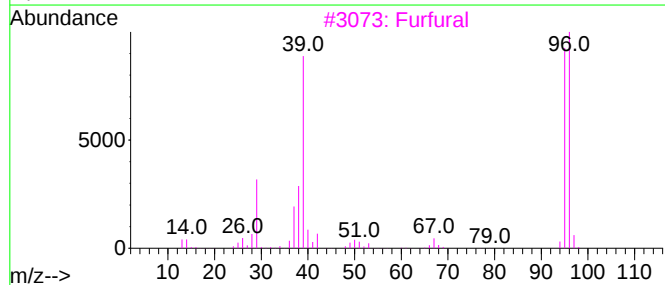
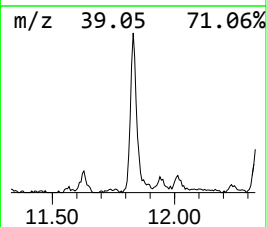
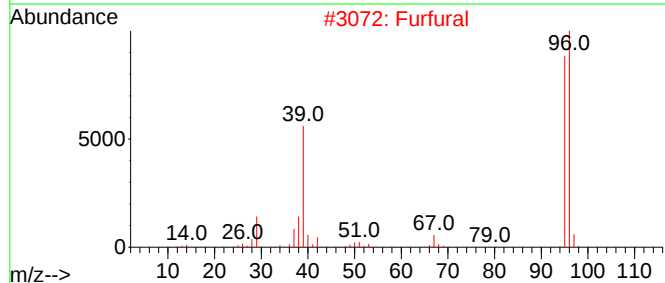
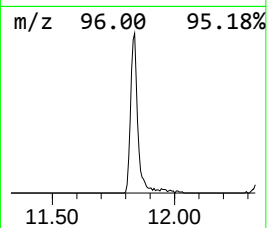
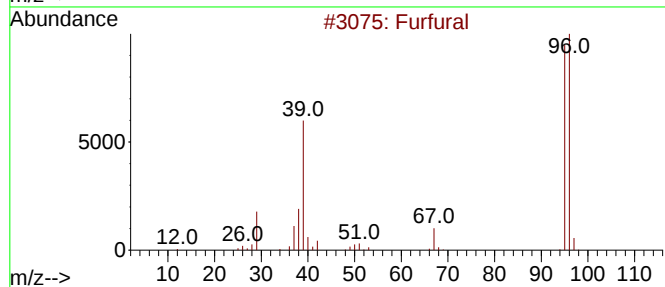
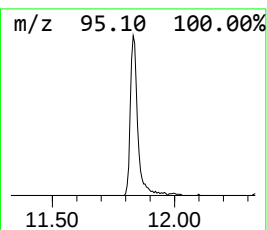
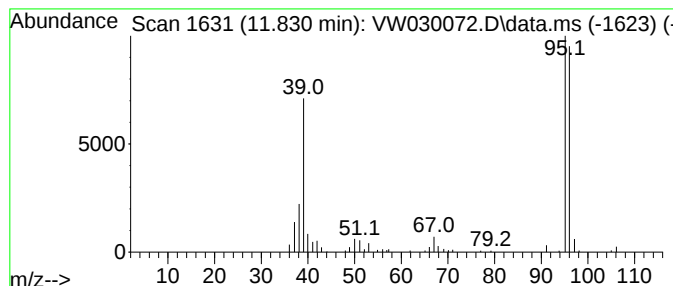
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Furfural Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.830	3.28 ug/L	61152	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural			96	C5H4O2	000098-01-1	94
2	Furfural			96	C5H4O2	000098-01-1	91
3	Furfural			96	C5H4O2	000098-01-1	87
4	Furfural			96	C5H4O2	000098-01-1	80
5	2(1H)-Pyridinone			95	C5H5NO	000142-08-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

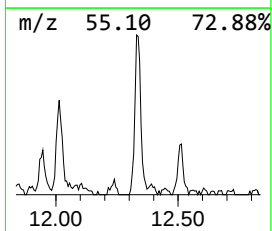
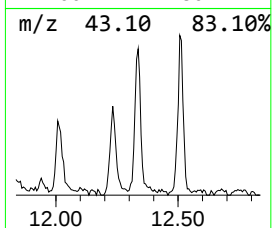
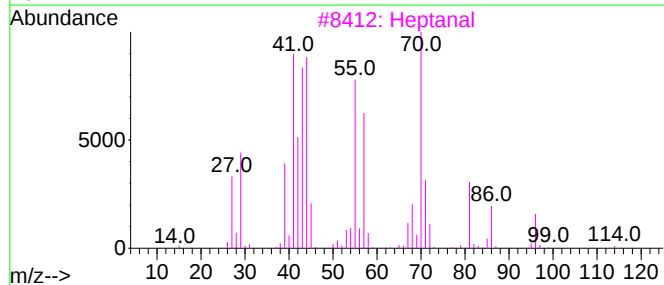
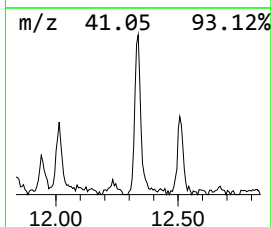
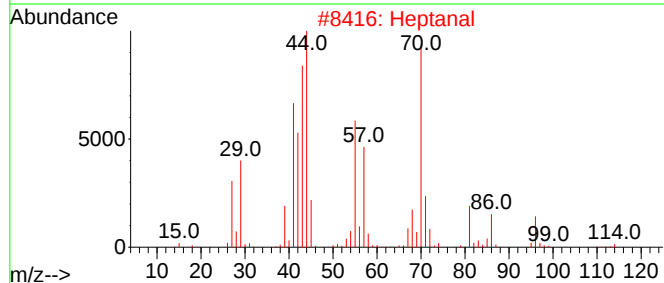
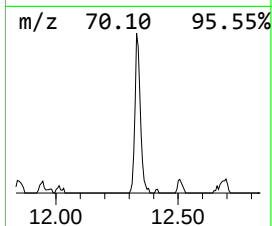
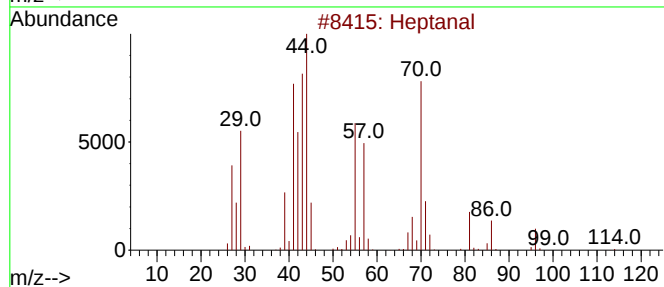
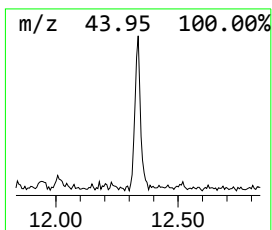
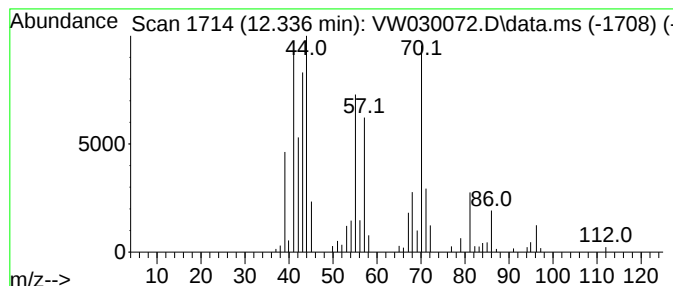
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Quant Title : SFAM01.0

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

Peak Number 10 Heptanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	2.79 ug/L	52084	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	80
2	Heptanal			114	C7H14O	000111-71-7	80
3	Heptanal			114	C7H14O	000111-71-7	80
4	Heptanal			114	C7H14O	000111-71-7	64
5	Heptanal			114	C7H14O	000111-71-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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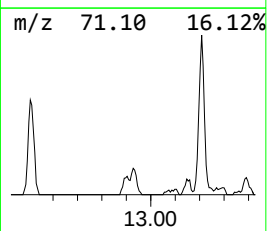
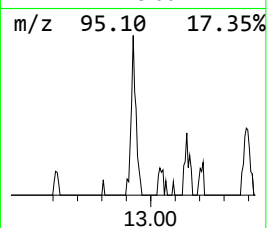
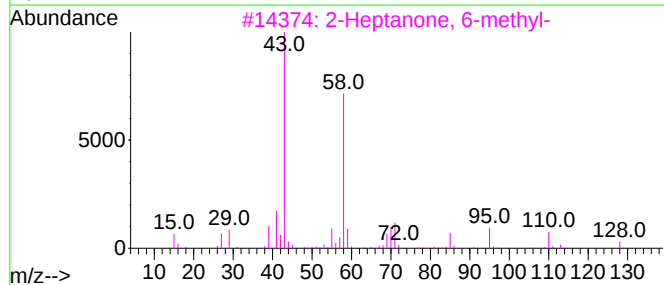
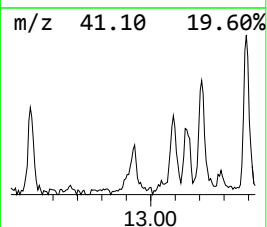
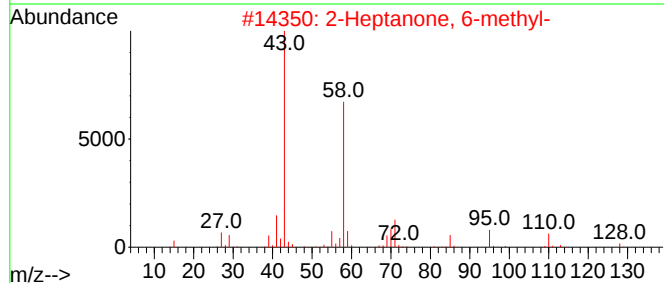
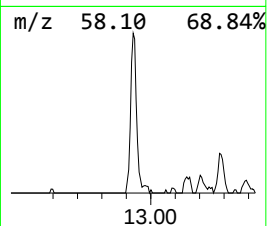
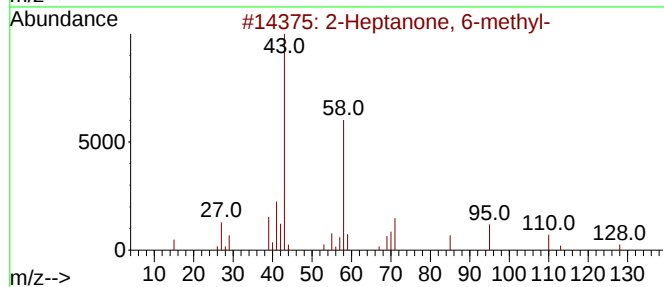
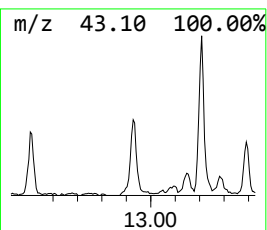
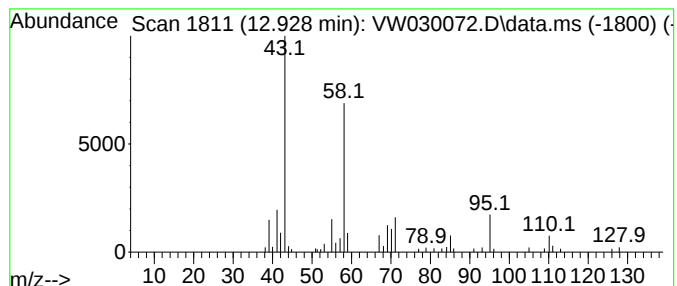
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Quant Title : SFAM01.0

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

Peak Number 11 2-Heptanone, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	2.84 ug/L	28562	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	91
2		2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	91
3		2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
4		2-Octanone	128	C8H16O	000111-13-7	50
5		2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

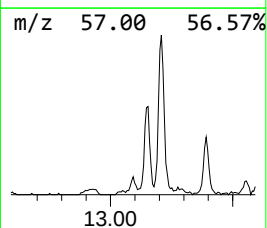
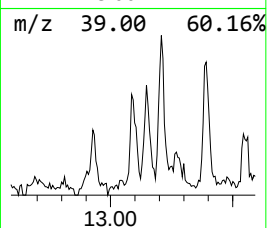
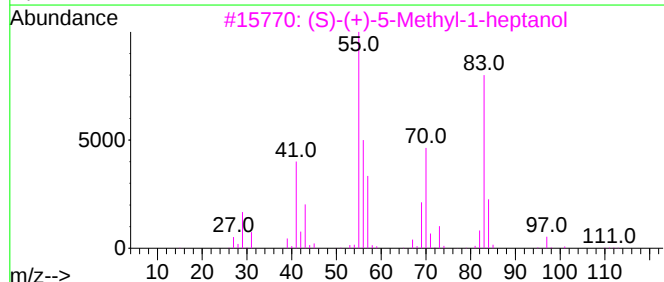
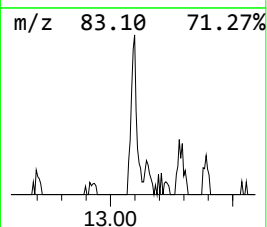
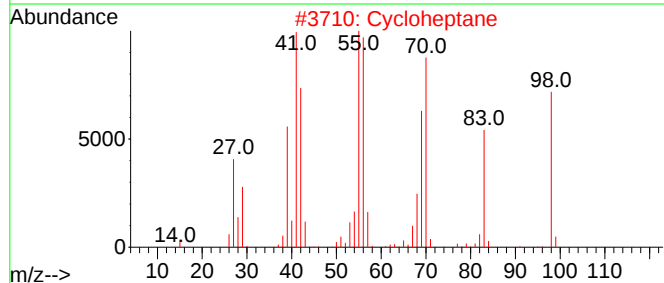
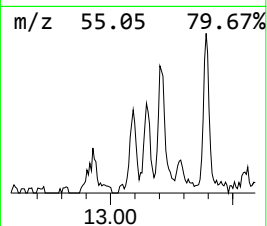
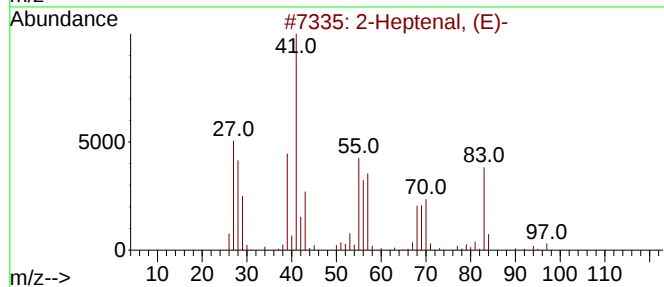
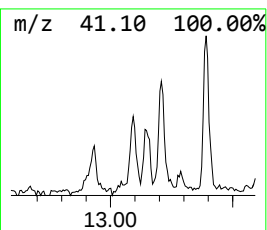
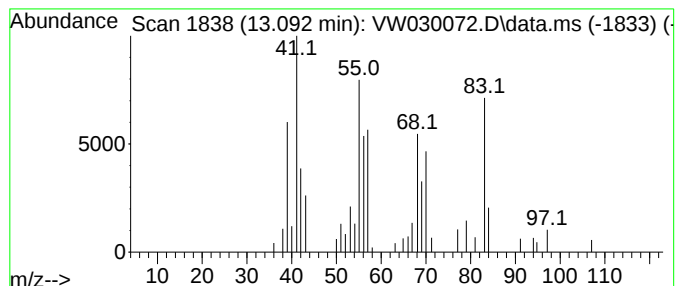
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Quant Title : SFAM01.0

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

Peak Number 12 2-Heptenal, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.01 ug/L	20182	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (E)-	112	C7H12O	018829-55-5	64
2			Cycloheptane	98	C7H14	000291-64-5	43
3			(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	38
4			Cycloheptane	98	C7H14	000291-64-5	38
5			4-Pentenal	84	C5H8O	002100-17-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

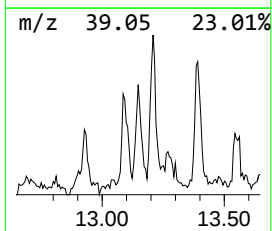
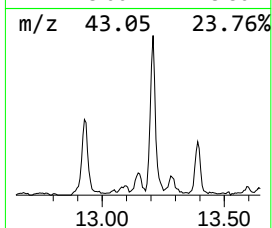
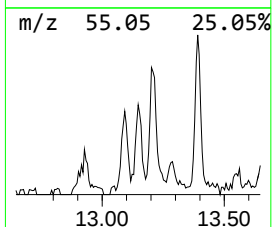
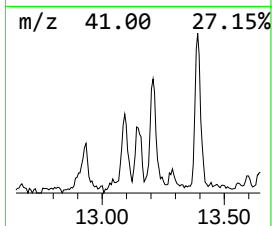
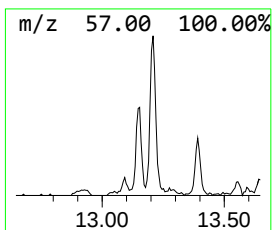
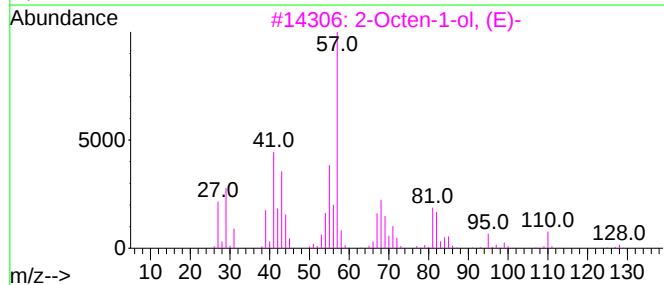
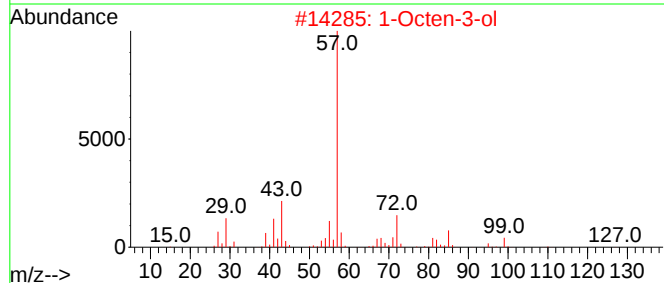
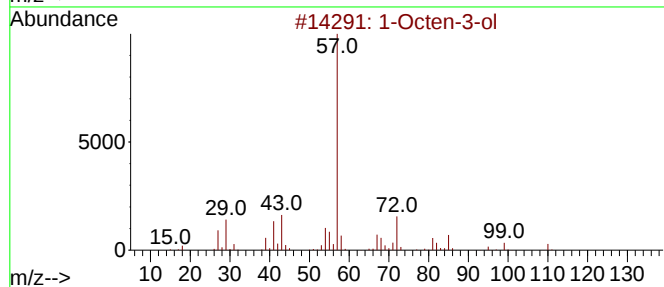
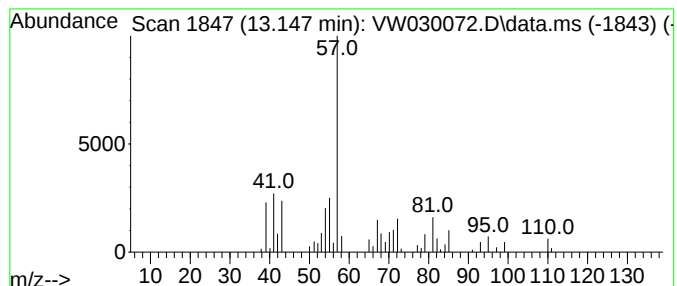
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Quant Title : SFAM01.0

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

Peak Number 13 1-Octen-3-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.147	2.91 ug/L	29182	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	50
2	1-Octen-3-ol			128	C8H16O	003391-86-4	47
3	2-Octen-1-ol, (E)-			128	C8H16O	018409-17-1	40
4	1-Octen-3-ol			128	C8H16O	003391-86-4	38
5	1-Octen-3-ol			128	C8H16O	003391-86-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

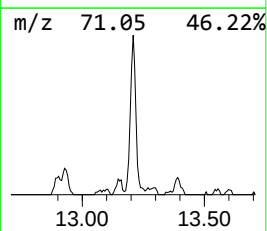
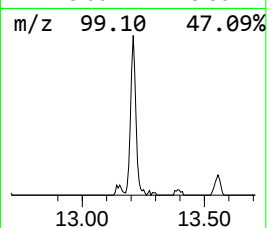
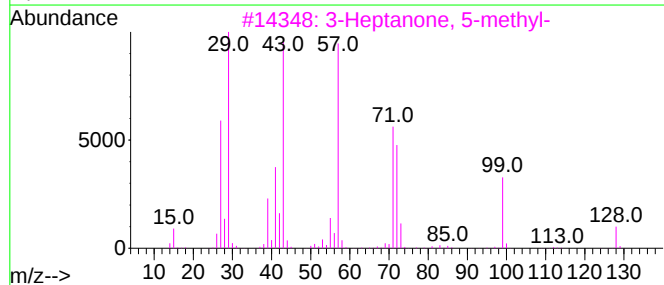
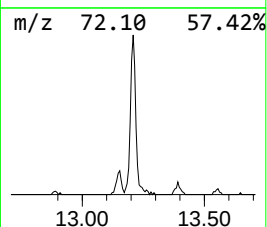
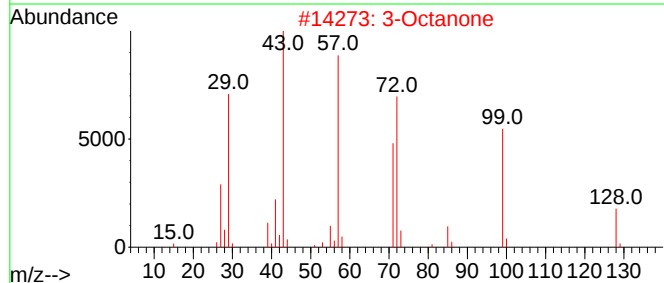
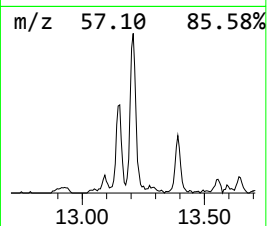
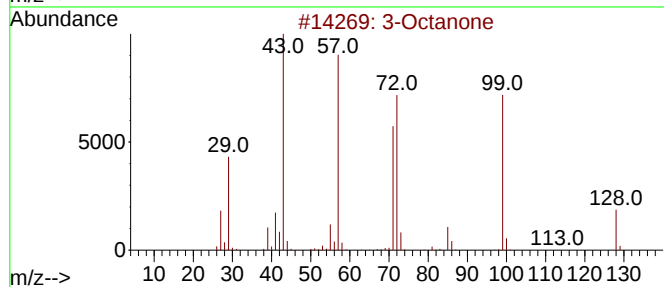
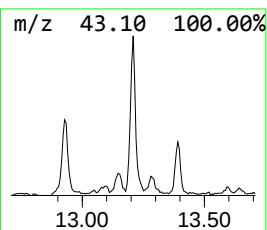
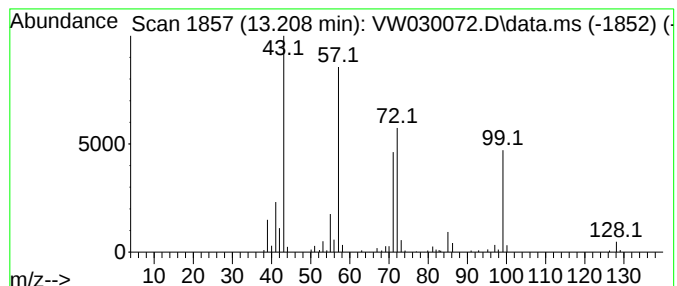
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Quant Title : SFAM01.0

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

Peak Number 14 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	6.29 ug/L	63193	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octanone	128	C8H16O	000106-68-3	90
2		3-Octanone	128	C8H16O	000106-68-3	64
3		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	53
4		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	53
5		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

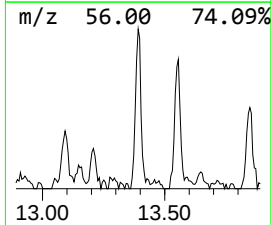
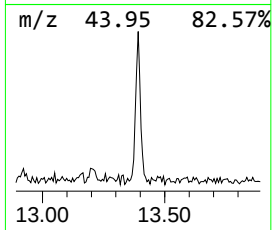
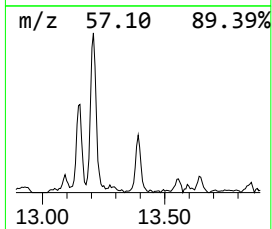
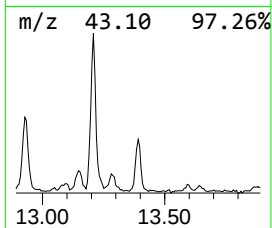
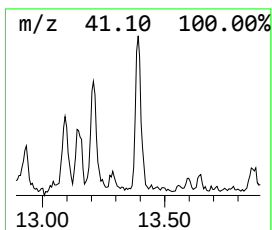
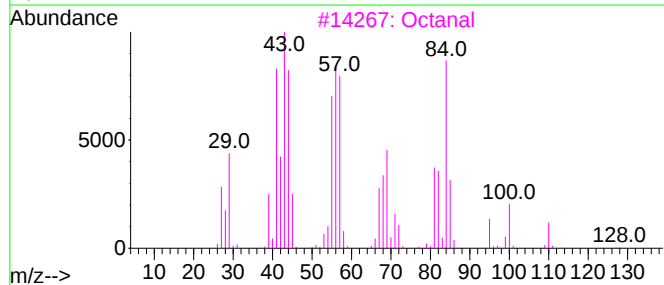
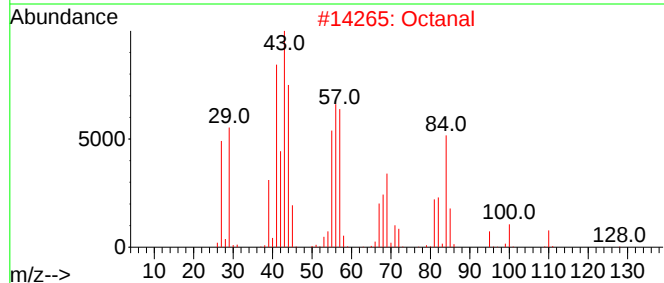
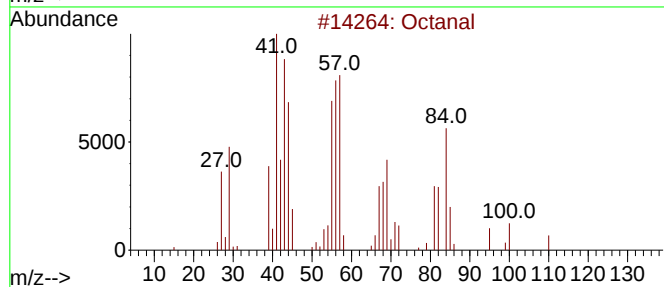
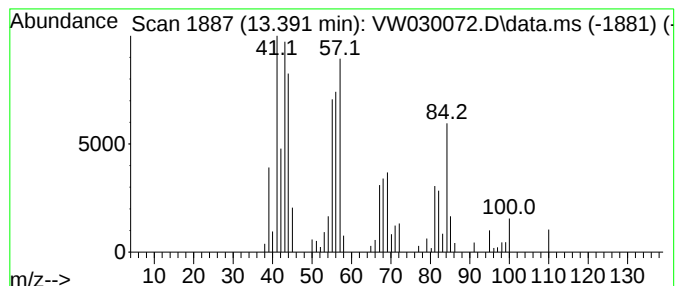
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Quant Title : SFAM01.0

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

Peak Number 16 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	4.48 ug/L	44958	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	90
4	Octanal			128	C8H16O	000124-13-0	90
5	Cyclopentanol, 2-methyl-, cis-			100	C6H12O	025144-05-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

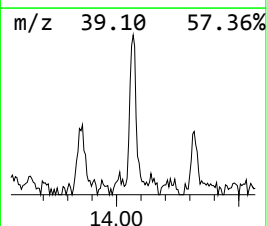
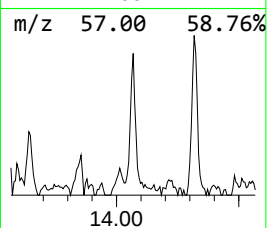
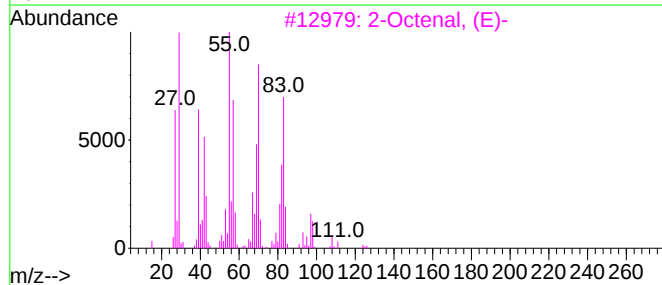
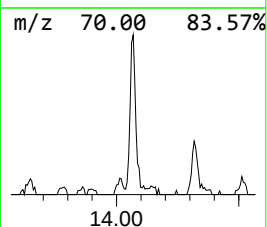
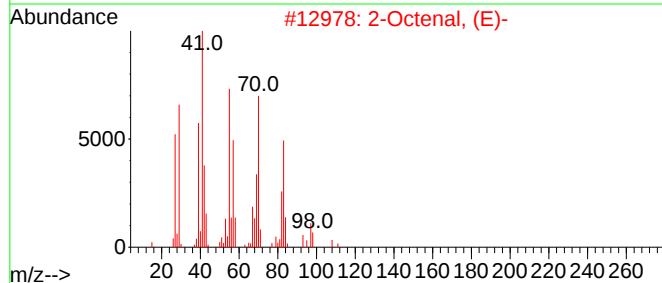
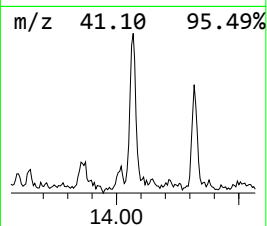
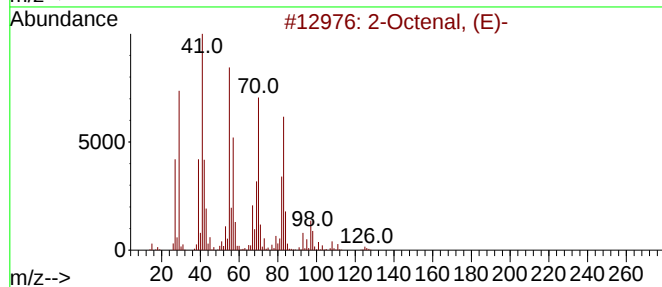
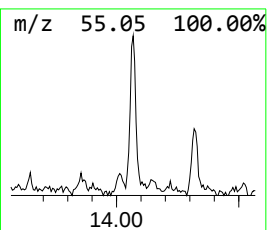
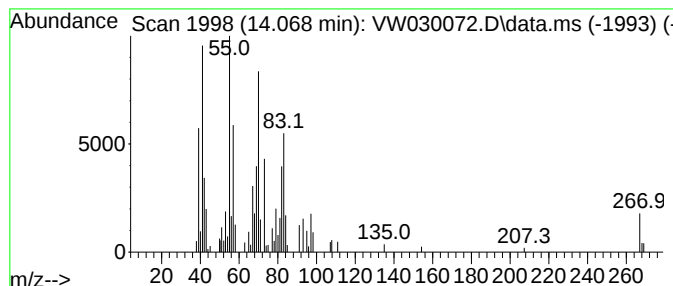
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Quant Title : SFAM01.0

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

Peak Number 17 2-Octenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	4.78 ug/L	47988	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octenal, (E)-	126	C8H14O	002548-87-0	59
2		2-Octenal, (E)-	126	C8H14O	002548-87-0	58
3		2-Octenal, (E)-	126	C8H14O	002548-87-0	50
4		2-Methylene cyclopentanol	98	C6H10O	020461-31-8	47
5		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

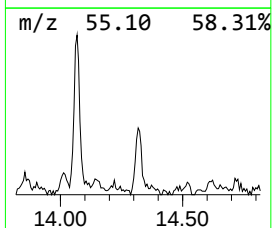
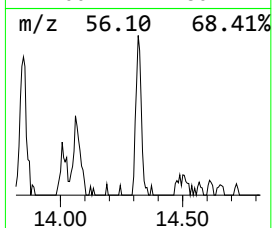
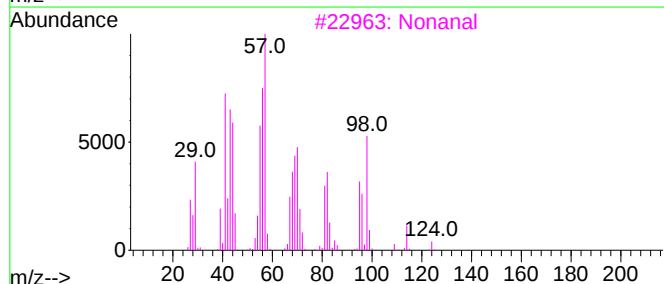
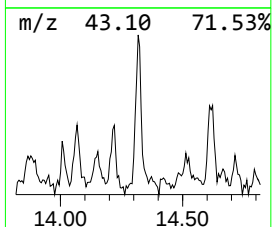
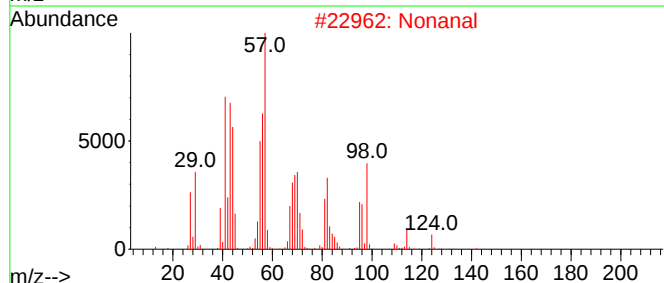
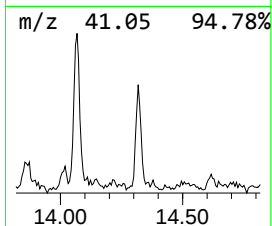
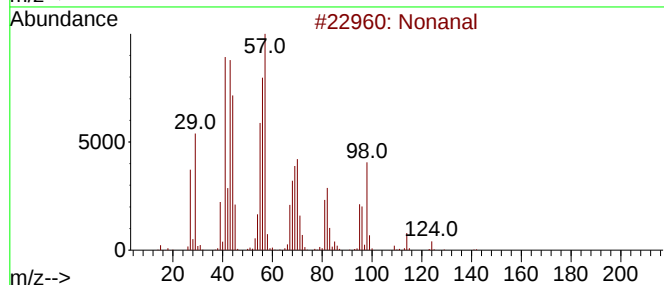
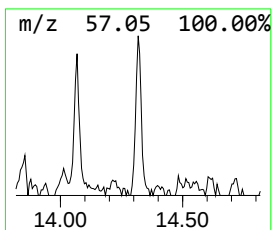
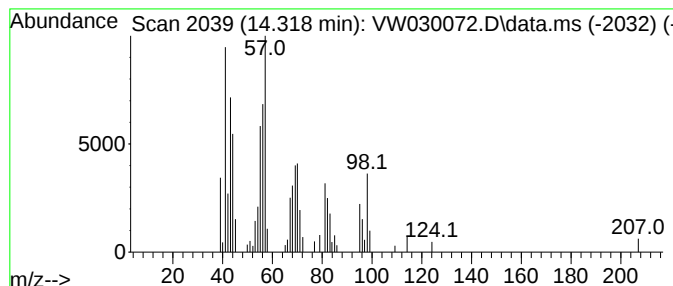
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Quant Title : SFAM01.0

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

Peak Number 18 Nonanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	2.85 ug/L	28644	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	83
2			Nonanal	142	C9H18O	000124-19-6	64
3			Nonanal	142	C9H18O	000124-19-6	64
4			2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	35
5			4-Hydroxy-N-methylpiperidine	115	C6H13NO	000106-52-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

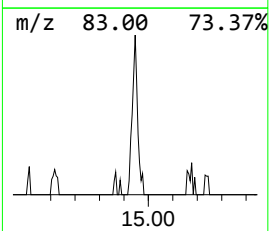
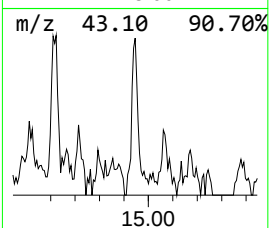
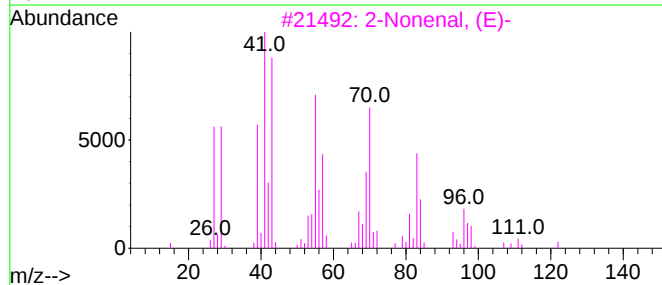
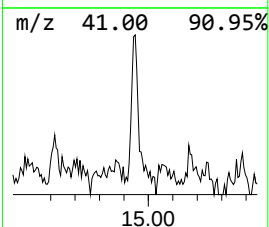
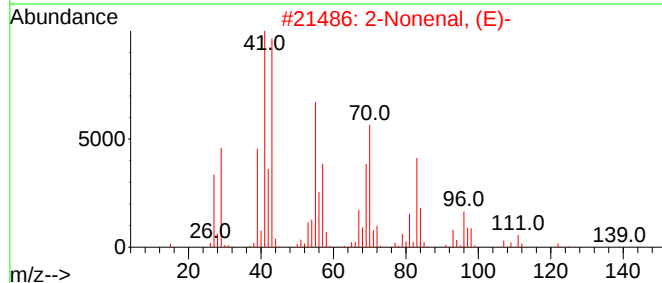
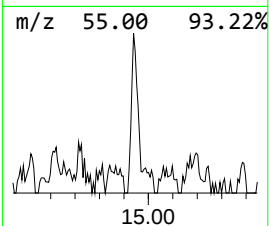
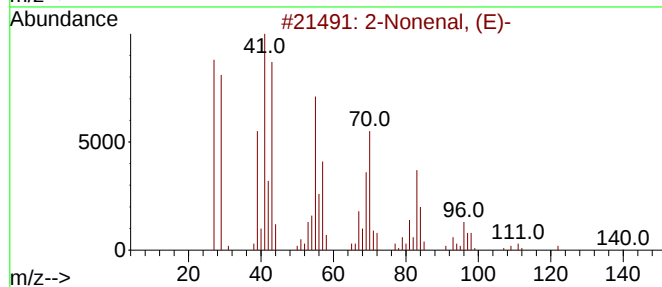
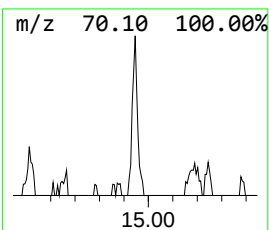
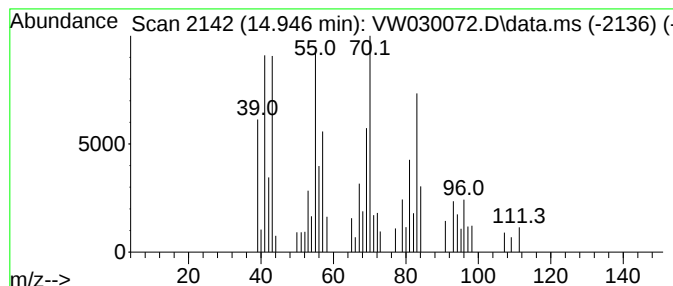
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Quant Title : SFAM01.0

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

Peak Number 19 2-Nonenal, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	1.62 ug/L	16275	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-			140	C9H16O	018829-56-6	78
2	2-Nonenal, (E)-			140	C9H16O	018829-56-6	78
3	2-Nonenal, (E)-			140	C9H16O	018829-56-6	78
4	2-Nonenal, (E)-			140	C9H16O	018829-56-6	72
5	2-Decenal, (Z)-			154	C10H18O	002497-25-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

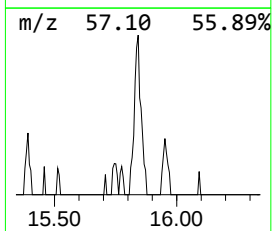
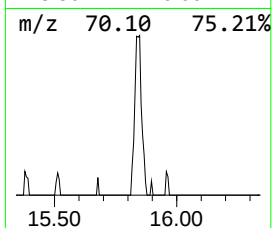
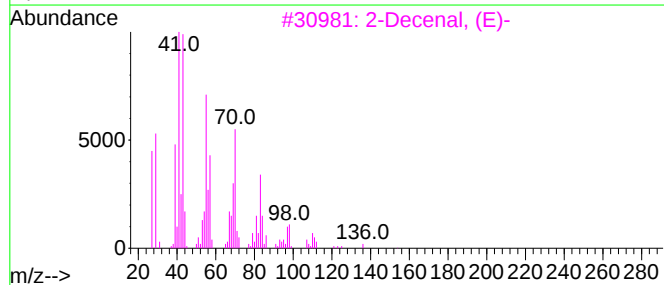
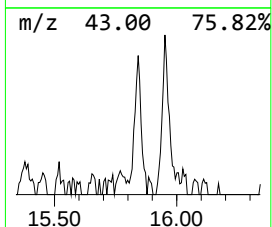
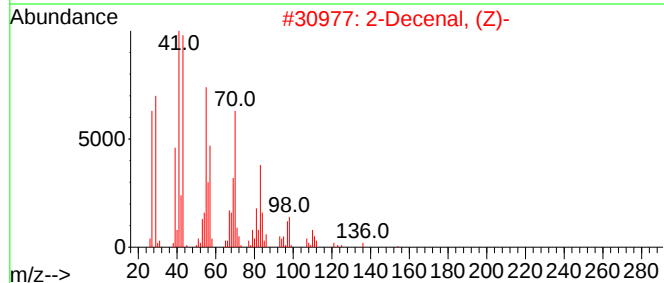
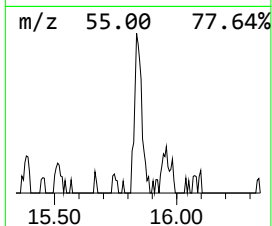
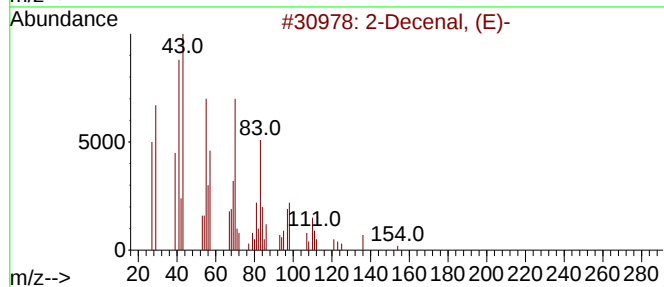
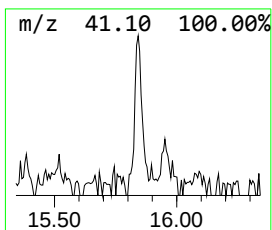
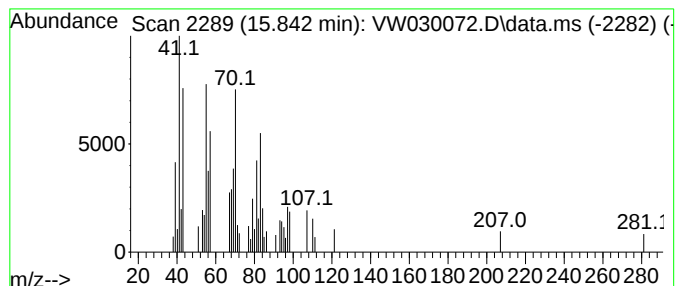
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Quant Title : SFAM01.0

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

Peak Number 20 2-Decenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	1.67 ug/L	16775	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (E)-	154	C10H18O	003913-81-3	72
2		2-Decenal, (Z)-	154	C10H18O	002497-25-8	64
3		2-Decenal, (E)-	154	C10H18O	003913-81-3	64
4		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	50
5		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
Data File : VW030072.D
Acq On : 28 Aug 2024 13:33
Operator : SY/MD
Sample : P3721-14RE
Misc : 3.75g/10mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYI2RE

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.497	1.3	ug/L	29257	1	8.837	545559	25.0
(DEL) Alkane: S...	3.393	3.0	ug/L	64472	1	8.837	545559	25.0
Methane, iodo-	4.277	1.4	ug/L	31263	1	8.837	545559	25.0
Butanal	6.898	1.5	ug/L	33214	1	8.837	545559	25.0
2-Butanone, 3-m...	8.703	2.6	ug/L	57037	1	8.837	545559	25.0
Pentanal	9.404	5.6	ug/L	122729	1	8.837	545559	25.0
Hexanal	11.068	27.7	ug/L	516515	2	11.629	466348	25.0
Furfural	11.830	3.3	ug/L	61152	2	11.629	466348	25.0
Heptanal	12.336	2.8	ug/L	52084	2	11.629	466348	25.0
2-Heptanone, 6-...	12.928	2.8	ug/L	28562	3	13.556	251003	25.0
2-Heptenal, (E)-	13.092	2.0	ug/L	20182	3	13.556	251003	25.0
1-Octen-3-ol	13.147	2.9	ug/L	29182	3	13.556	251003	25.0
3-Octanone	13.208	6.3	ug/L	63193	3	13.556	251003	25.0
Octanal	13.391	4.5	ug/L	44958	3	13.556	251003	25.0
2-Octenal, (E)-	14.068	4.8	ug/L	47988	3	13.556	251003	25.0
Nonanal	14.318	2.9	ug/L	28644	3	13.556	251003	25.0
2-Nonenal, (E)-	14.946	1.6	ug/L	16275	3	13.556	251003	25.0
2-Decenal, (E)-	15.842	1.7	ug/L	16775	3	13.556	251003	25.0