

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031660.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1189-20
 Misc : 8.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	68	78	90	rBV2	76389	220134	8.48%	1.834%
2	2.503	97	101	118	rVB	31336	88200	3.40%	0.735%
3	2.899	157	166	181	rBV	62104	179828	6.93%	1.498%
4	3.301	226	232	237	rVB5	3586	8207	0.32%	0.068%
5	3.387	239	246	260	rVB	21777	54242	2.09%	0.452%
6	3.734	295	303	311	rVB9	2757	8571	0.33%	0.071%
7	3.844	319	321	328	rVB5	1985	3680	0.14%	0.031%
8	4.015	336	349	361	rBV2	171133	563025	21.69%	4.690%
9	4.149	362	371	387	rVB	128612	427804	16.48%	3.563%
10	4.691	451	460	467	rVV2	4435	13628	0.52%	0.114%
11	4.917	490	497	502	rVV7	1996	6178	0.24%	0.051%
12	5.100	523	527	529	rBV3	745	1258	0.05%	0.010%
13	5.137	531	533	537	rVV3	1101	1397	0.05%	0.012%
14	5.228	543	548	552	rVV4	1116	2698	0.10%	0.022%
15	5.265	552	554	557	rVV3	839	1183	0.05%	0.010%
16	5.435	575	582	583	rBV5	1058	2349	0.09%	0.020%
17	5.789	628	640	653	rVV2	15803	53467	2.06%	0.445%
18	5.947	659	666	672	rVV6	2353	6564	0.25%	0.055%
19	6.124	685	695	705	rBV5	3550	11217	0.43%	0.093%
20	6.514	755	759	762	rBV5	856	1214	0.05%	0.010%
21	6.612	771	775	782	rVB5	1101	2514	0.10%	0.021%
22	6.898	810	822	832	rBV2	83888	249184	9.60%	2.076%
23	7.087	844	853	861	rBV	76146	232757	8.97%	1.939%
24	7.179	863	868	880	rVB	39722	113030	4.35%	0.941%
25	7.551	921	929	934	rBV7	1982	5016	0.19%	0.042%
26	7.648	934	945	957	rVB	214020	526764	20.29%	4.388%
27	7.795	965	969	971	rBV4	1218	1433	0.06%	0.012%
28	7.825	971	974	978	rVB5	1045	1316	0.05%	0.011%
29	8.276	1036	1048	1064	rBV2	384297	1244123	47.92%	10.363%
30	8.416	1066	1071	1074	rVB6	1170	2001	0.08%	0.017%
31	8.551	1081	1093	1107	rBV2	25682	64689	2.49%	0.539%
32	8.703	1110	1118	1131	rBV	57019	131228	5.05%	1.093%
33	8.837	1131	1140	1150	rBV	450440	909206	35.02%	7.573%
34	9.063	1168	1177	1188	rBV7	4126	13580	0.52%	0.113%
35	9.270	1200	1211	1221	rBV2	289658	628352	24.20%	5.234%
36	9.404	1226	1233	1248	rVV	291556	562638	21.67%	4.686%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031660.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1189-20
 Misc : 8.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	9.666	1272	1276	1284	rVV7	2305	4734	0.18%	0.039%
38	10.032	1327	1336	1347	rBV	119564	220800	8.51%	1.839%
39	10.123	1347	1351	1354	rBV6	1357	1875	0.07%	0.016%
40	10.209	1361	1365	1372	rVB3	3411	6344	0.24%	0.053%
41	10.319	1372	1383	1391	rBV	316014	622252	23.97%	5.183%
42	10.386	1391	1394	1398	rVB3	5782	9092	0.35%	0.076%
43	10.483	1404	1410	1419	rBV4	6168	12741	0.49%	0.106%
44	10.575	1419	1425	1430	rBV	66872	122001	4.70%	1.016%
45	10.629	1430	1434	1440	rVV2	20384	42033	1.62%	0.350%
46	10.690	1440	1444	1450	rVV2	8146	14584	0.56%	0.121%
47	10.745	1450	1453	1461	rVB4	4610	7978	0.31%	0.066%
48	10.855	1466	1471	1475	rBV6	2895	4314	0.17%	0.036%
49	10.922	1475	1482	1495	rVV	204420	369850	14.25%	3.081%
50	11.014	1495	1497	1498	rVV2	3432	3332	0.13%	0.028%
51	11.068	1498	1506	1536	rVB	1544233	2596073	100.00%	21.624%
52	11.343	1549	1551	1555	rVB4	1283	1256	0.05%	0.010%
53	11.568	1584	1588	1591	rBV3	2204	3559	0.14%	0.030%
54	11.629	1591	1598	1607	rVB	260002	449010	17.30%	3.740%
55	11.849	1624	1634	1643	rBV2	39286	91913	3.54%	0.766%
56	11.946	1643	1650	1655	rVV4	21763	43040	1.66%	0.358%
57	12.019	1659	1662	1669	rVV5	5346	9687	0.37%	0.081%
58	12.093	1669	1674	1680	rVV6	4665	8987	0.35%	0.075%
59	12.160	1682	1685	1689	rVV5	1382	2110	0.08%	0.018%
60	12.233	1692	1697	1707	rVB2	9019	15437	0.59%	0.129%
61	12.336	1707	1714	1726	rBV	69610	121230	4.67%	1.010%
62	12.464	1730	1735	1741	rVB	14870	24272	0.93%	0.202%
63	12.599	1748	1757	1763	rBV2	20810	36375	1.40%	0.303%
64	12.690	1763	1772	1780	rVB	91833	157150	6.05%	1.309%
65	12.812	1789	1792	1797	rVB4	1486	2341	0.09%	0.019%
66	12.928	1800	1811	1821	rBV4	12627	35758	1.38%	0.298%
67	13.031	1824	1828	1833	rVV5	5027	9931	0.38%	0.083%
68	13.099	1833	1839	1843	rVV3	14766	26706	1.03%	0.222%
69	13.153	1843	1848	1855	rVB2	14911	27409	1.06%	0.228%
70	13.275	1861	1868	1879	rVB6	8672	24017	0.93%	0.200%
71	13.391	1879	1887	1895	rBV2	37284	66971	2.58%	0.558%
72	13.470	1895	1900	1902	rBV6	3018	6166	0.24%	0.051%
73	13.556	1907	1914	1923	rVB	90336	153322	5.91%	1.277%
74	13.641	1923	1928	1934	rBV3	6105	10270	0.40%	0.086%
75	13.848	1955	1962	1969	rBV	62547	110189	4.24%	0.918%
76	13.989	1979	1985	1986	rBV5	1372	2135	0.08%	0.018%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031660.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1189-20
 Misc : 8.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

77	14.013	1986	1989	1991	rVV4	1718	2393	0.09%	0.020%
78	14.062	1991	1997	2010	rVB3	35065	68265	2.63%	0.569%
79	14.318	2033	2039	2046	rVV5	17225	32203	1.24%	0.268%
80	14.373	2046	2048	2053	rVV5	1403	2209	0.09%	0.018%
81	14.482	2062	2066	2068	rBV3	1236	1613	0.06%	0.013%
82	14.519	2068	2072	2078	rVB4	6038	9015	0.35%	0.075%
83	14.623	2085	2089	2093	rBV6	1261	2554	0.10%	0.021%
84	14.946	2137	2142	2150	rVB7	2536	5528	0.21%	0.046%
85	15.068	2158	2162	2164	rBV5	1252	1459	0.06%	0.012%
86	15.092	2164	2166	2170	rVB4	1622	1750	0.07%	0.015%
87	15.171	2175	2179	2180	rBV2	2150	2872	0.11%	0.024%
88	15.190	2180	2182	2187	rVV5	2198	3020	0.12%	0.025%
89	15.251	2187	2192	2197	rVB7	2944	5993	0.23%	0.050%
90	15.366	2206	2211	2212	rBV2	1790	2602	0.10%	0.022%
91	15.397	2212	2216	2219	rVB4	2550	3987	0.15%	0.033%
92	15.476	2222	2229	2234	rBV	11709	21314	0.82%	0.178%
93	15.683	2258	2263	2265	rBV5	991	1313	0.05%	0.011%
94	15.757	2272	2275	2276	rBV3	1019	1210	0.05%	0.010%
95	15.787	2276	2280	2284	rVB6	3666	5515	0.21%	0.046%
96	15.836	2284	2288	2289	rBV3	2314	2344	0.09%	0.020%
97	15.946	2304	2306	2312	rVB6	2646	4264	0.16%	0.036%
98	16.037	2318	2321	2324	rVB4	1144	1644	0.06%	0.014%
99	16.232	2352	2353	2357	rVV4	1162	1478	0.06%	0.012%
100	16.677	2422	2426	2429	rBV5	873	1278	0.05%	0.011%

Sum of corrected areas: 12005742

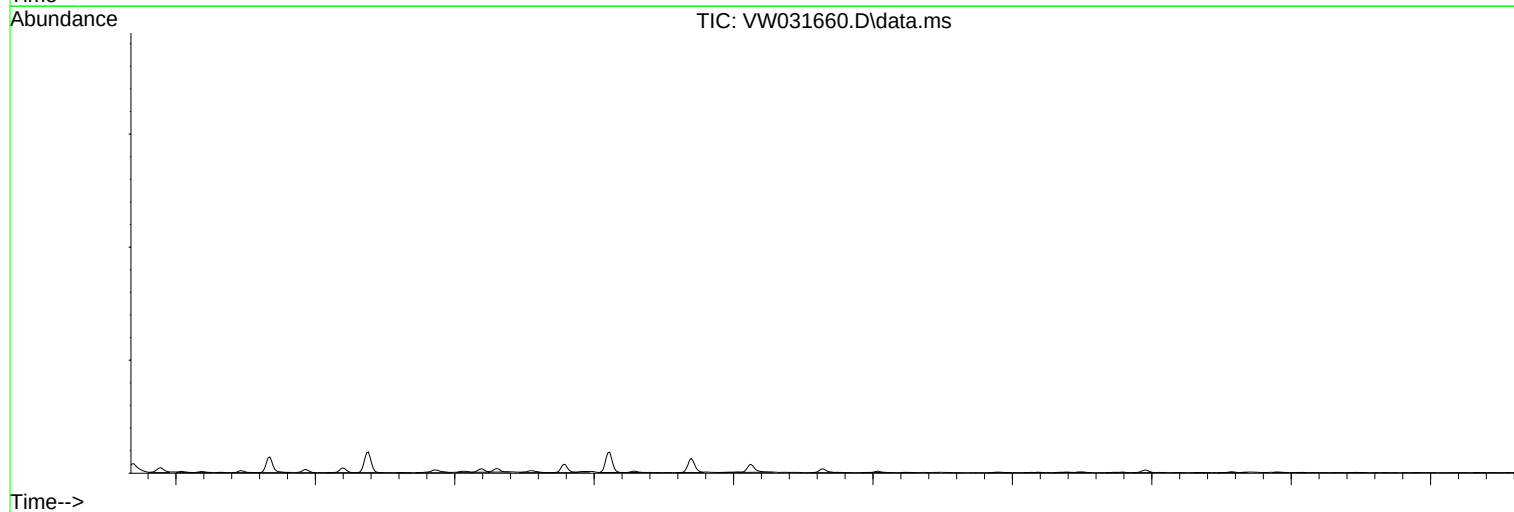
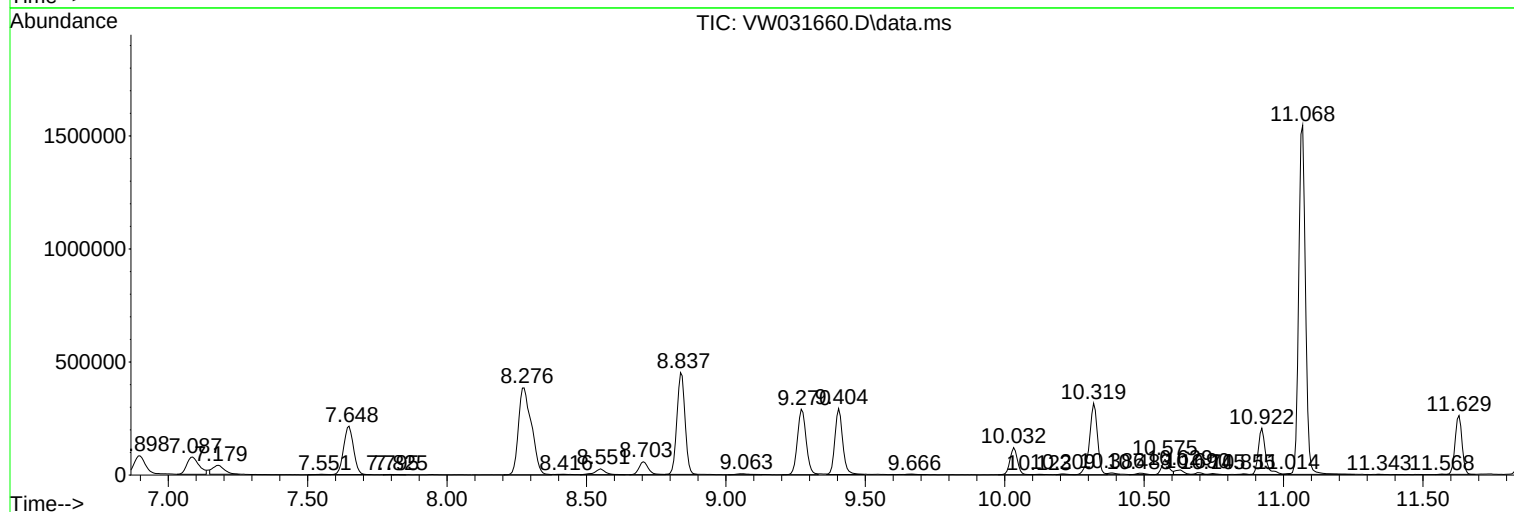
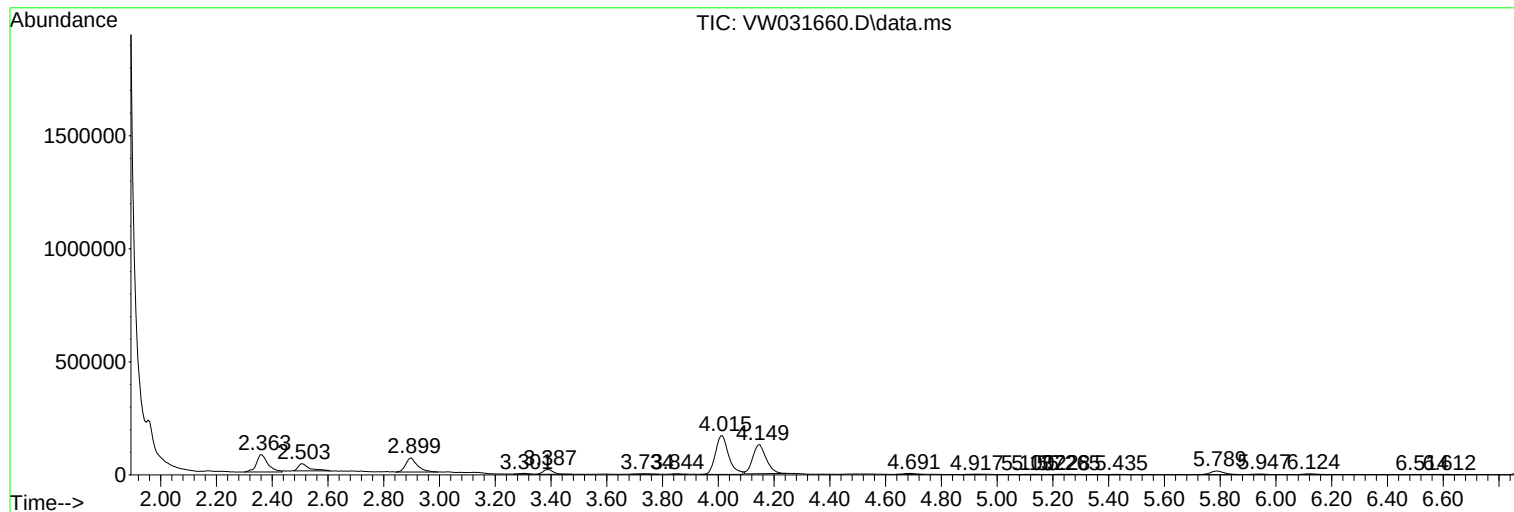
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

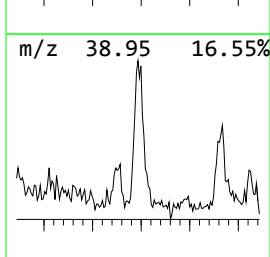
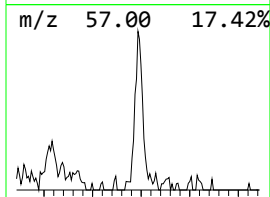
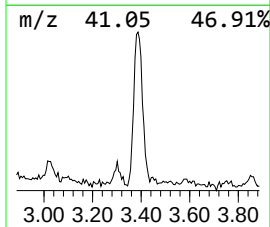
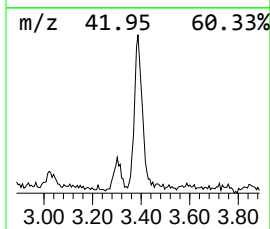
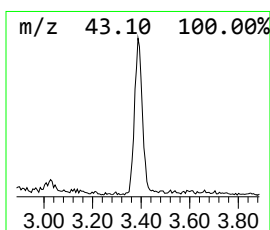
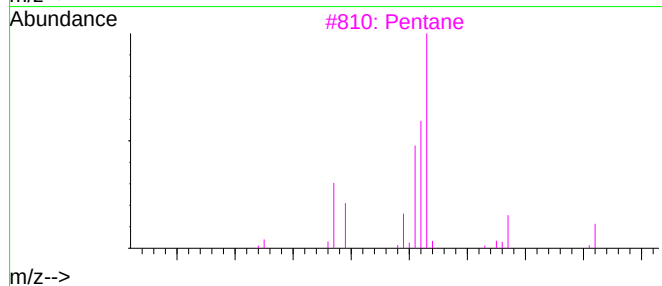
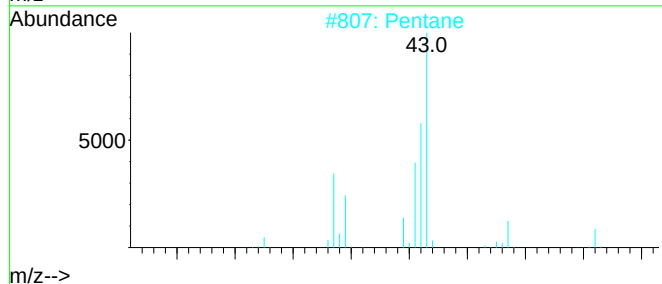
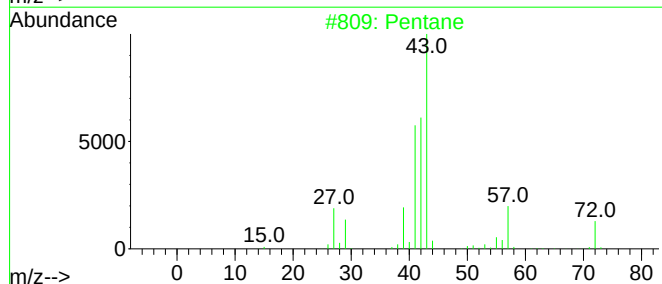
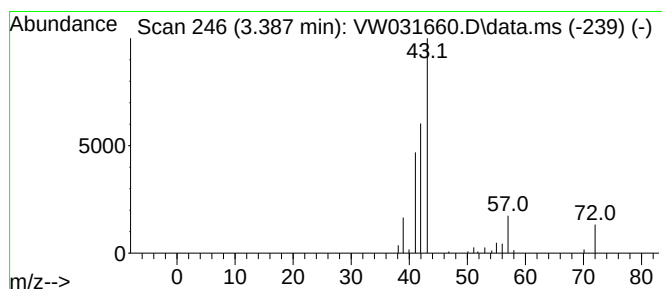
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	1.49 ug/L	54242	1,4-Difluorobenzene	8.837

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	86
5	Pentane	72	C5H12	000109-66-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

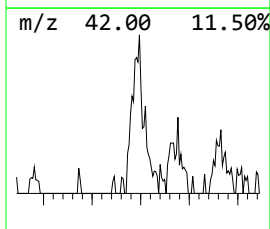
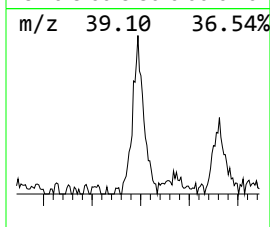
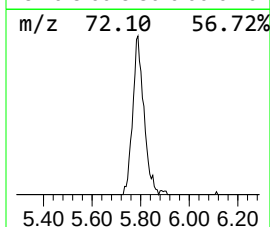
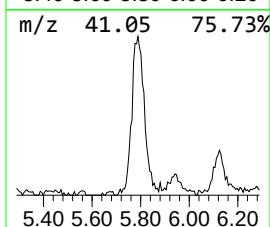
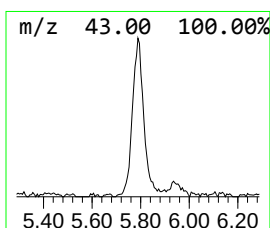
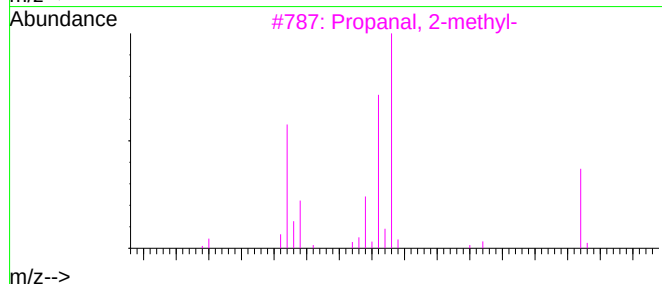
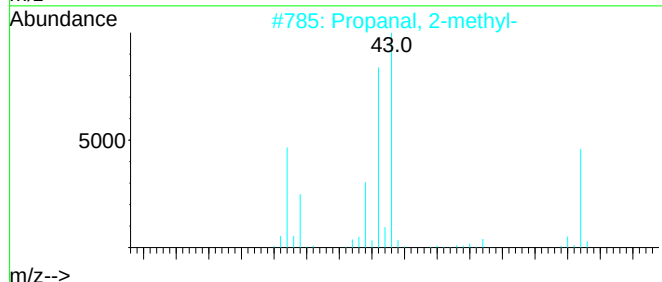
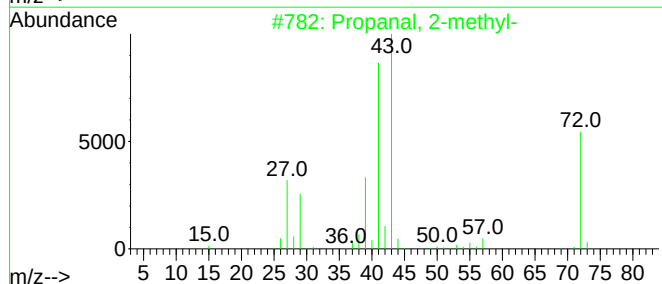
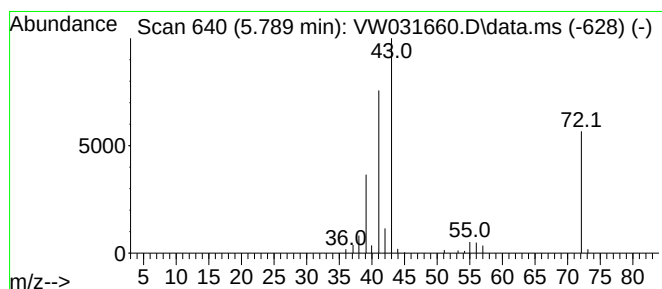
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanal, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.789	1.47 ug/L	53467	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	80
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

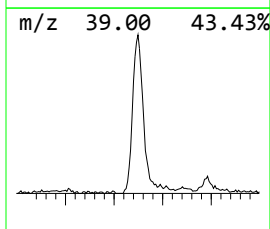
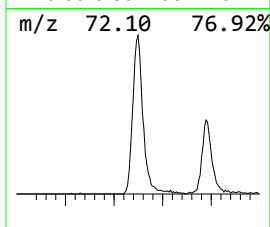
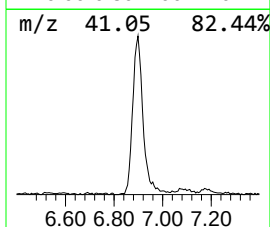
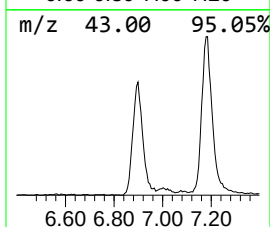
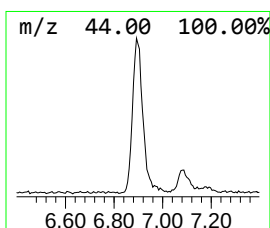
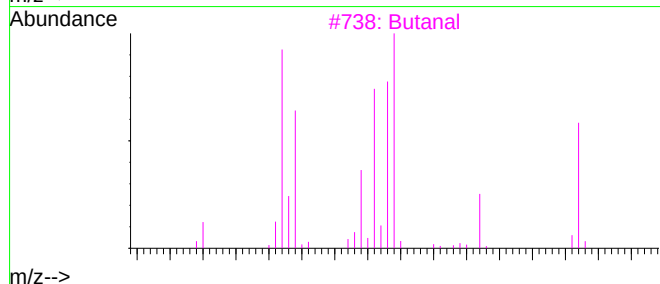
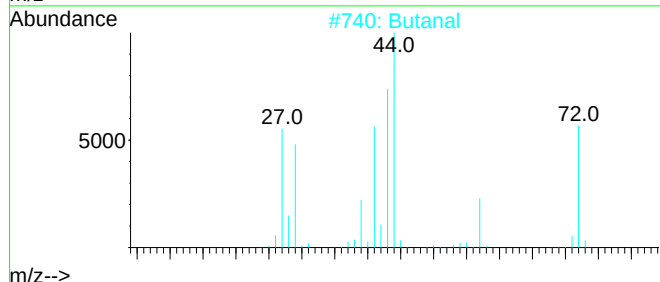
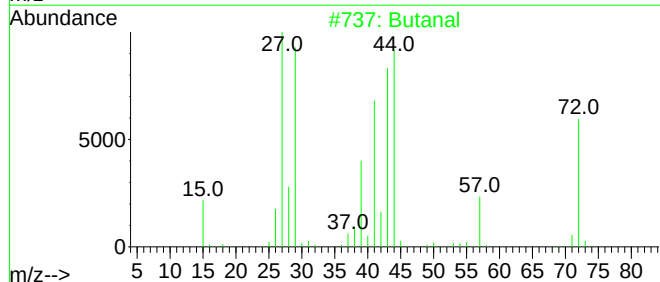
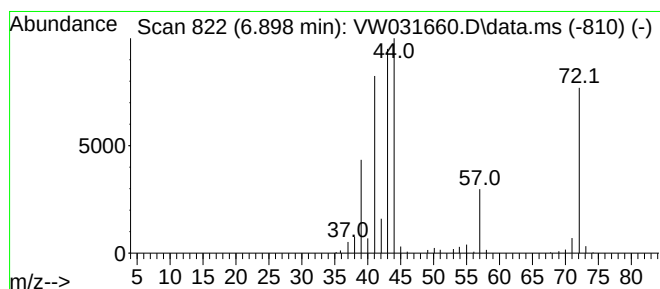
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	6.85 ug/L	249184	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	81
3	Butanal	72	C4H8O	000123-72-8	74
4	Butanal	72	C4H8O	000123-72-8	64
5	Butanal	72	C4H8O	000123-72-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

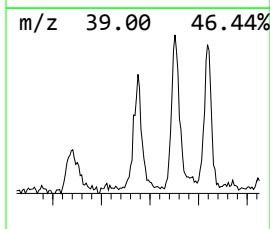
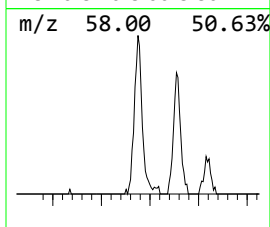
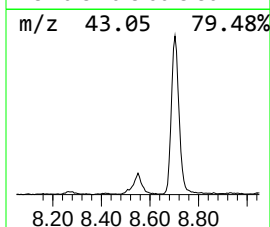
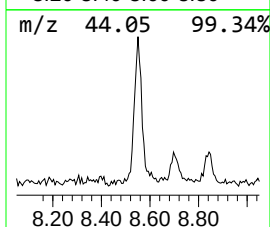
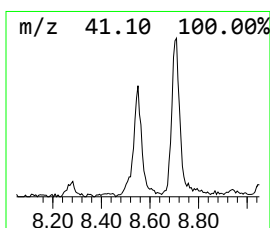
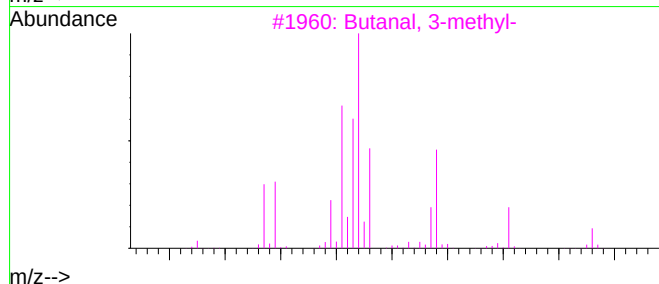
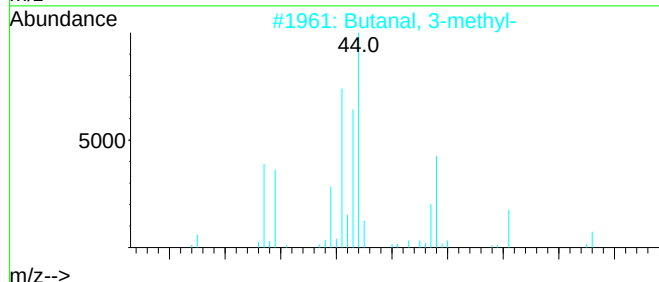
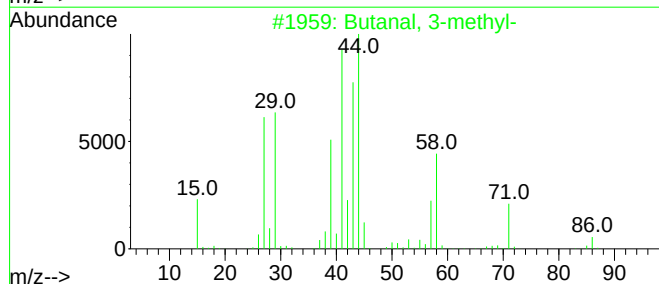
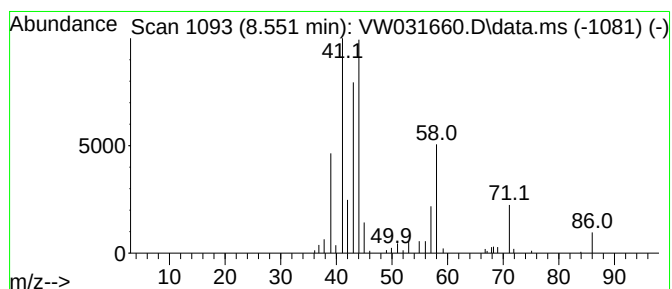
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Butanal, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	1.78 ug/L	64689	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	95
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	76
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	62
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

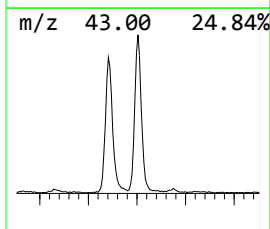
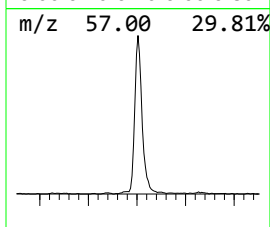
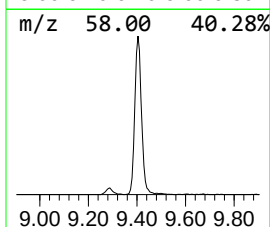
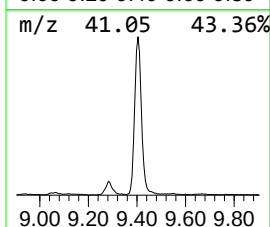
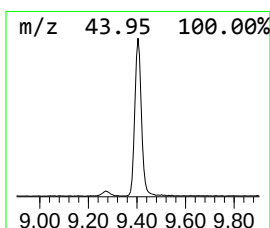
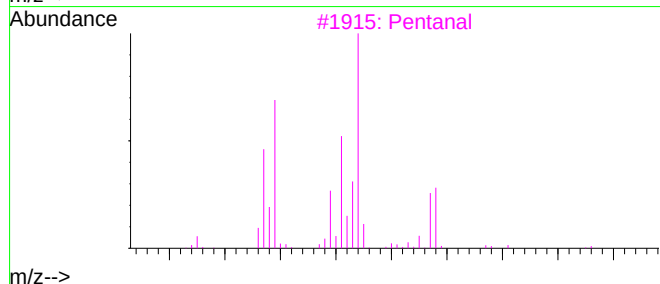
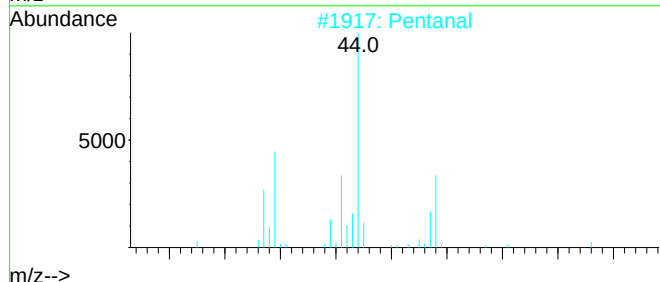
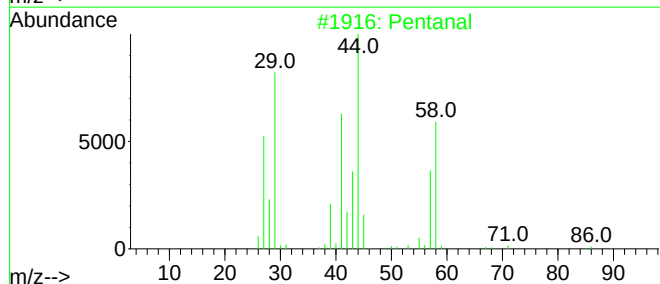
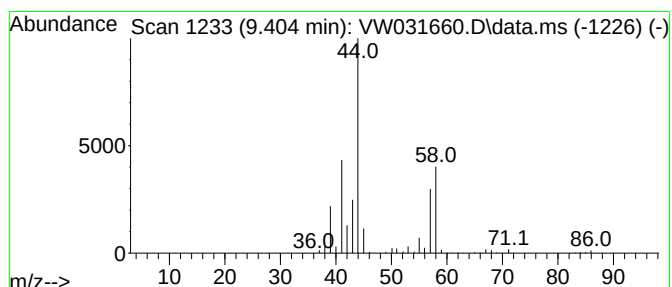
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	15.47 ug/L	562638	1,4-Difluorobenzene	8.837

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	80
4	Pentanal	86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

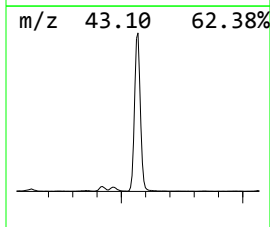
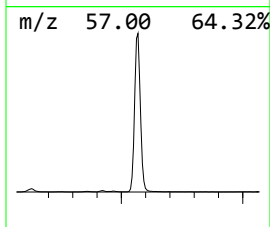
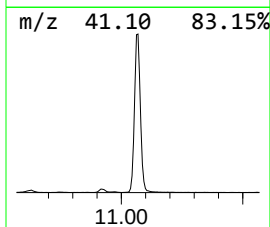
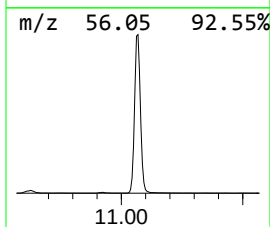
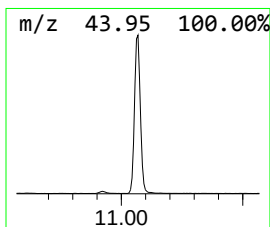
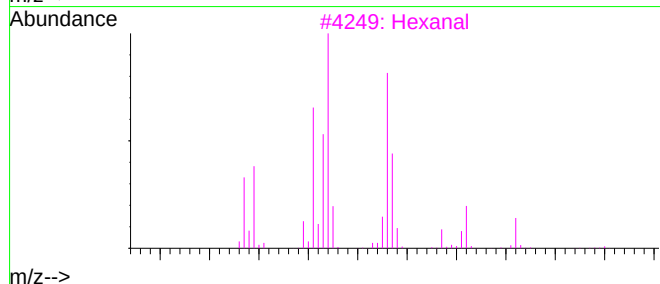
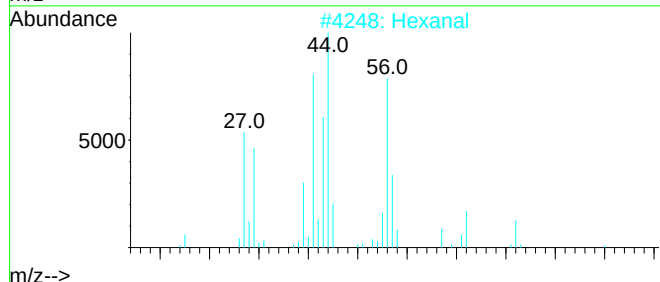
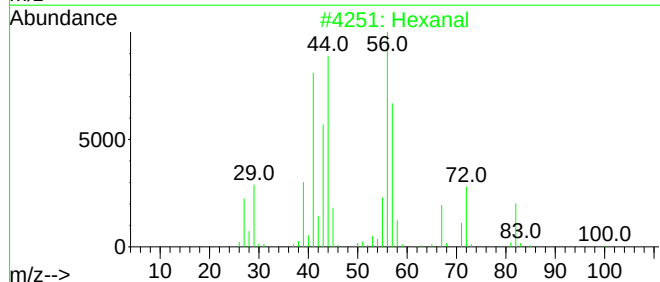
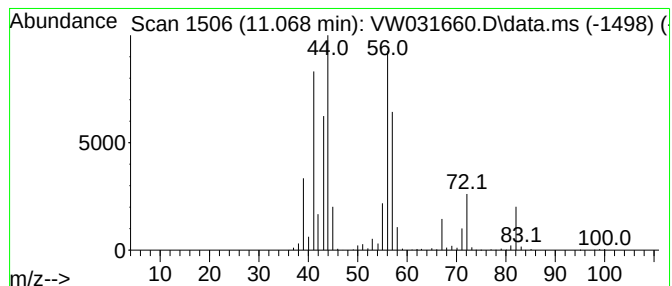
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	144.54 ug/L	2596070	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	91
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

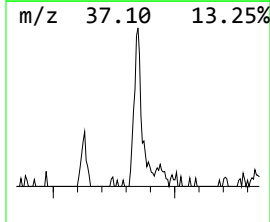
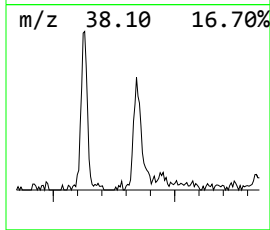
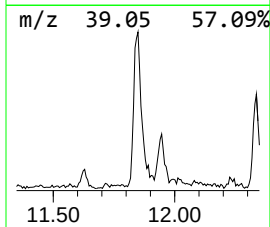
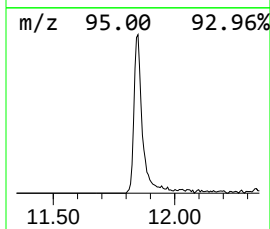
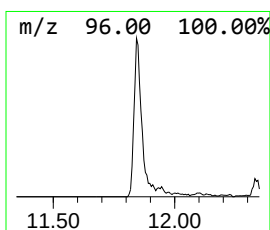
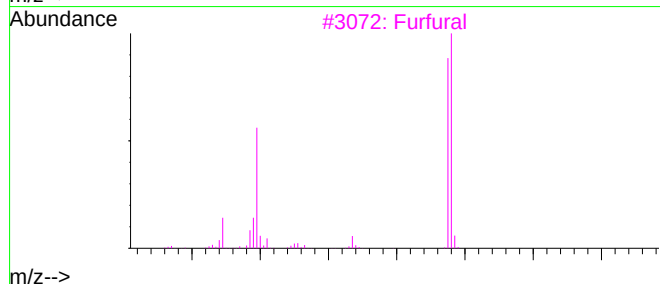
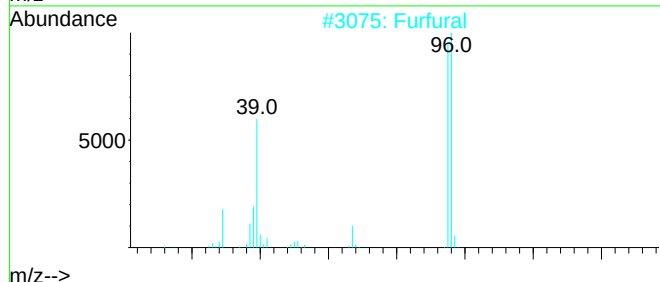
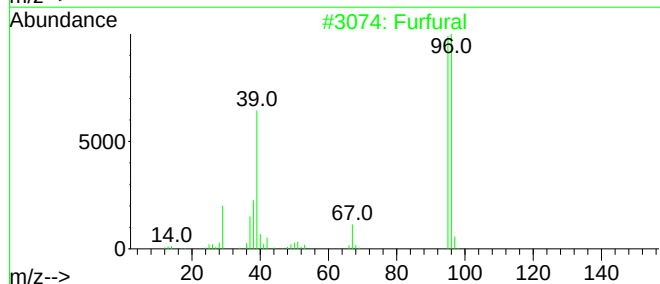
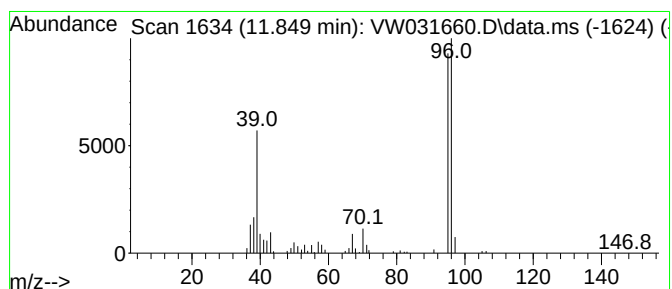
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Furfural Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	5.12 ug/L	91913	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	97
2	Furfural	96	C5H4O2	000098-01-1	95
3	Furfural	96	C5H4O2	000098-01-1	94
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\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

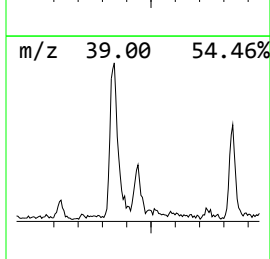
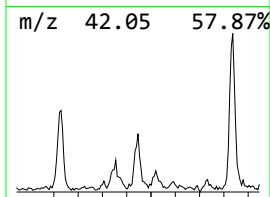
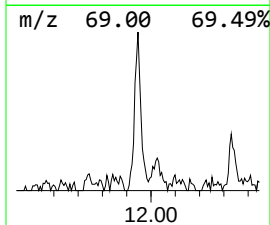
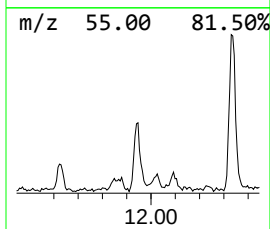
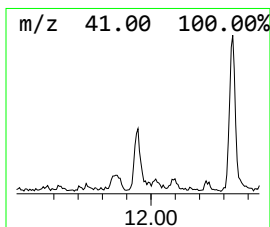
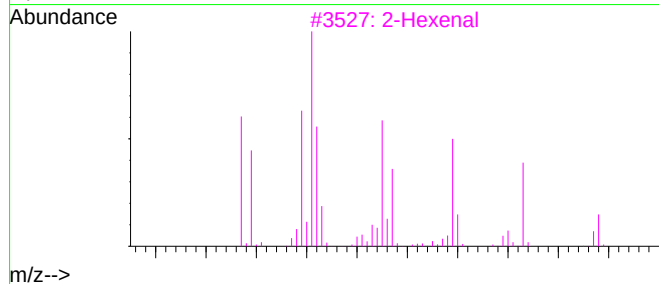
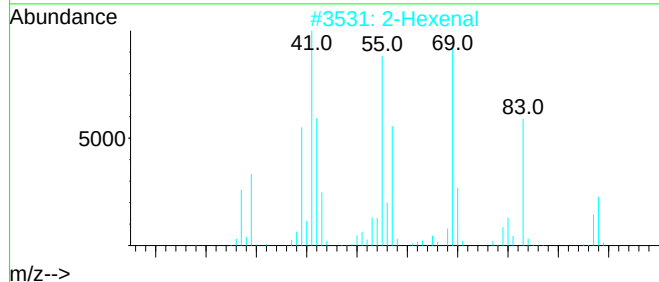
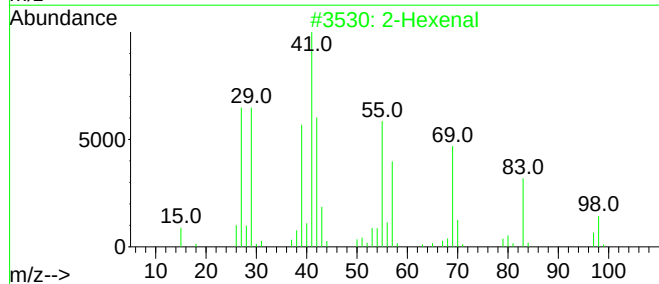
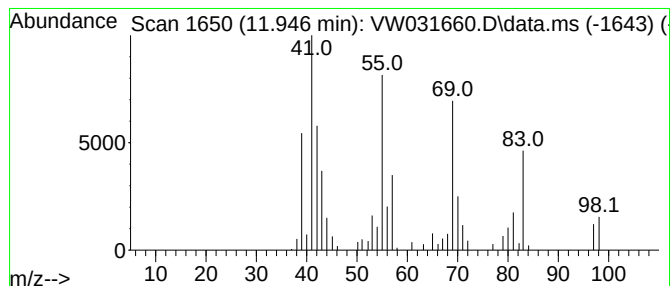
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Hexenal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.946	2.40 ug/L	43040	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal	98	C6H10O	000505-57-7	94
2	2-Hexenal	98	C6H10O	000505-57-7	94
3	2-Hexenal	98	C6H10O	000505-57-7	93
4	2-Hexenal, (E)-	98	C6H10O	006728-26-3	93
5	2-Hexenal, (E)-	98	C6H10O	006728-26-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

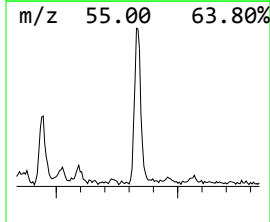
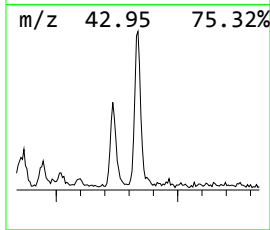
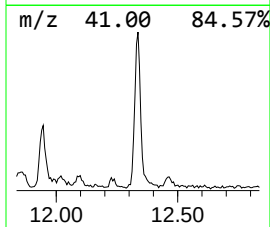
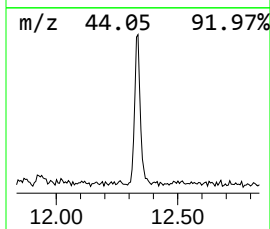
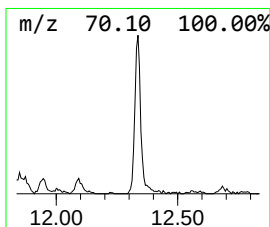
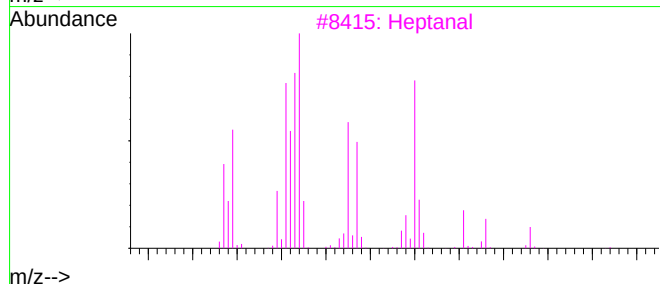
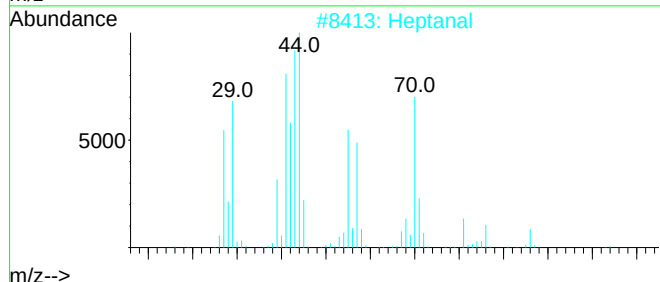
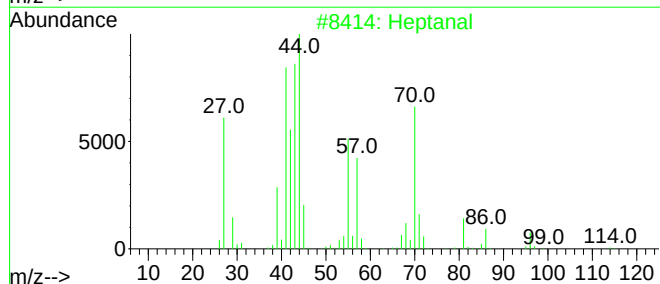
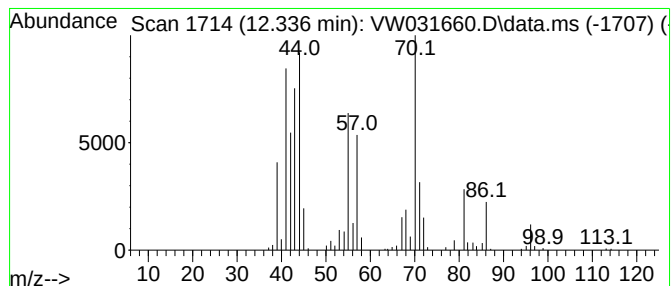
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	6.75 ug/L	121230	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	93
2	Heptanal	114	C7H14O	000111-71-7	91
3	Heptanal	114	C7H14O	000111-71-7	81
4	Heptanal	114	C7H14O	000111-71-7	64
5	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

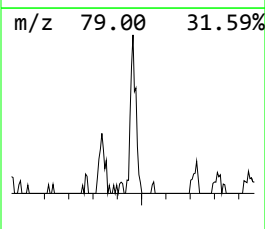
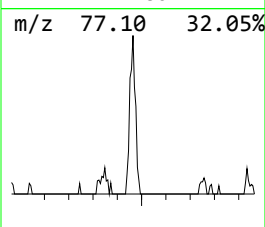
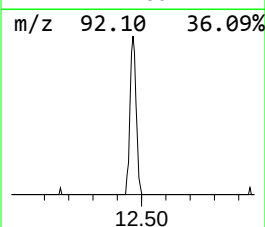
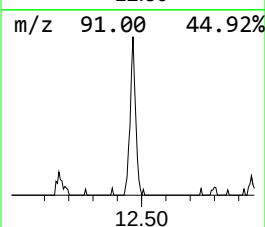
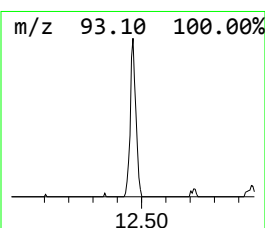
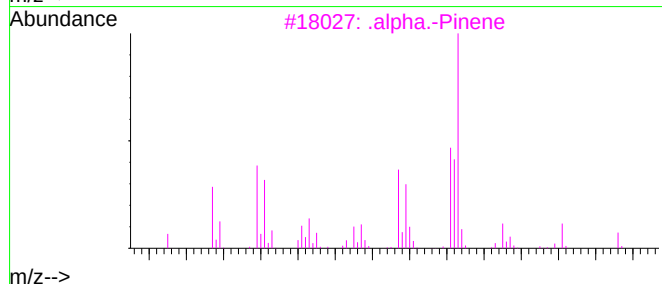
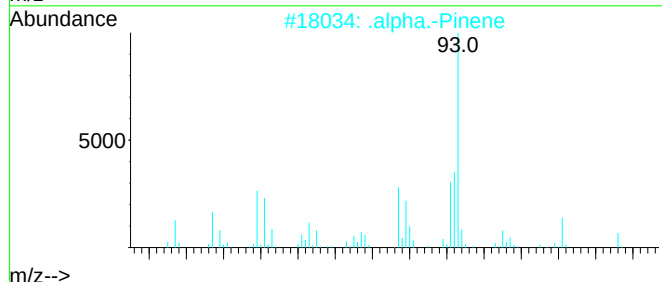
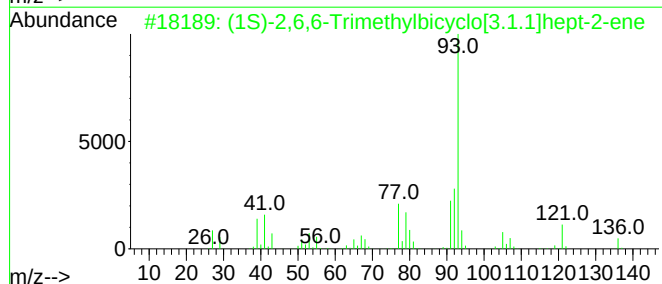
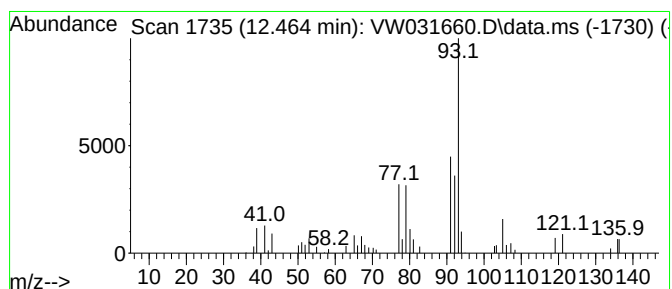
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.35 ug/L	24272	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	Cyclohexene, 4-methylene-1-(1-methyl-2-propenyl)-	136	C10H16	000099-84-3	90
5	.beta.-Pinene	136	C10H16	000127-91-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

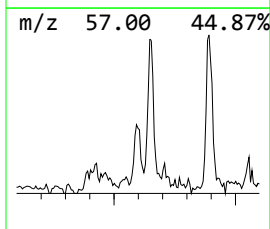
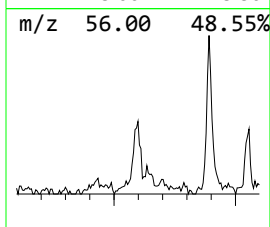
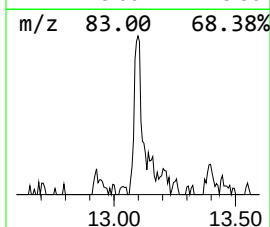
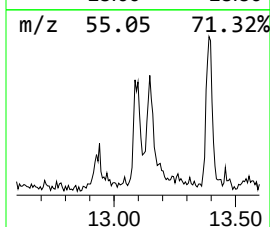
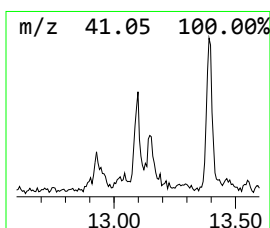
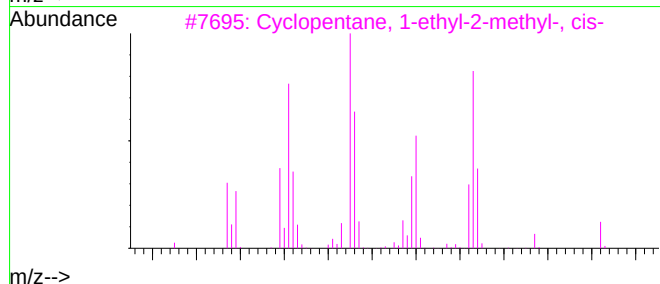
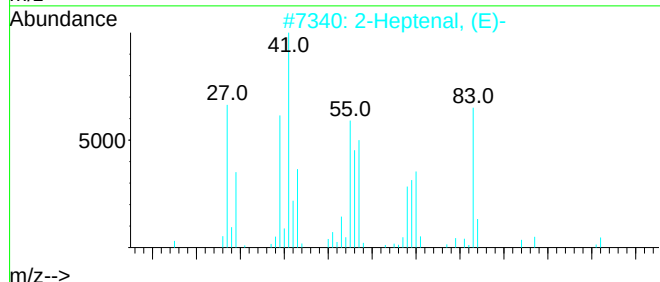
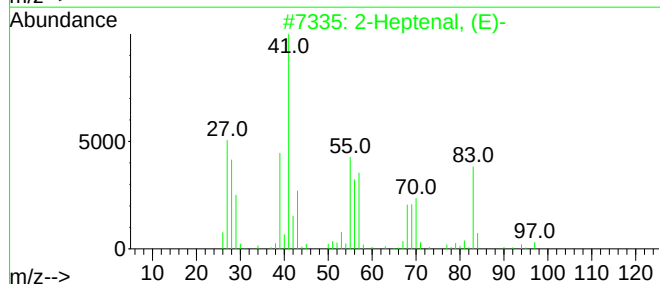
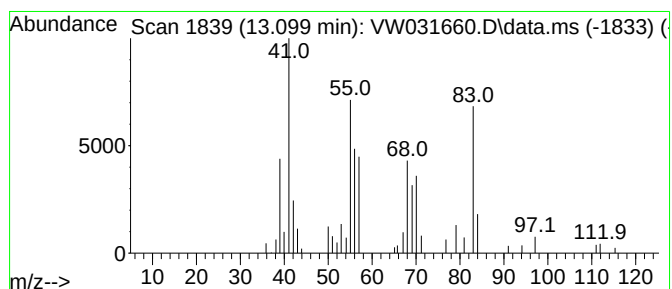
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Heptenal, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	4.35 ug/L	26706	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-	112	C7H12O	018829-55-5	86
2	2-Heptenal, (E)-	112	C7H12O	018829-55-5	70
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
4	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	47
5	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

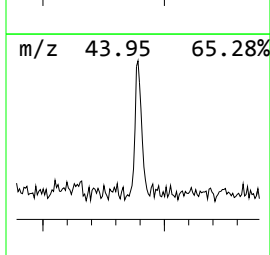
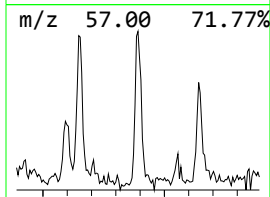
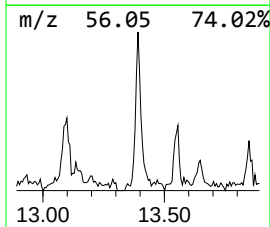
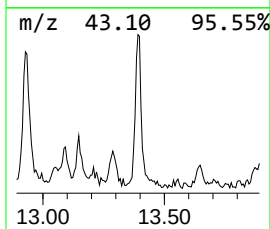
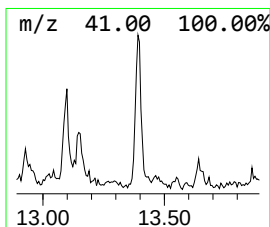
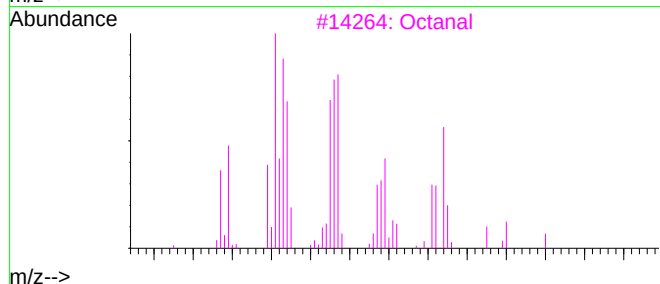
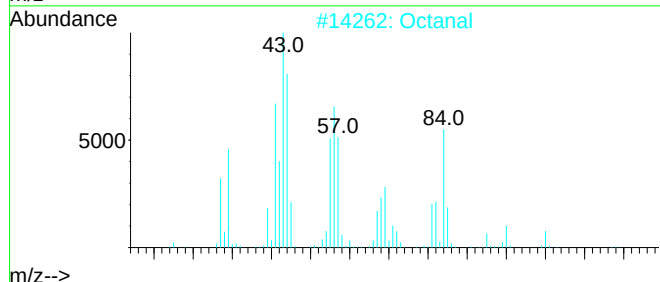
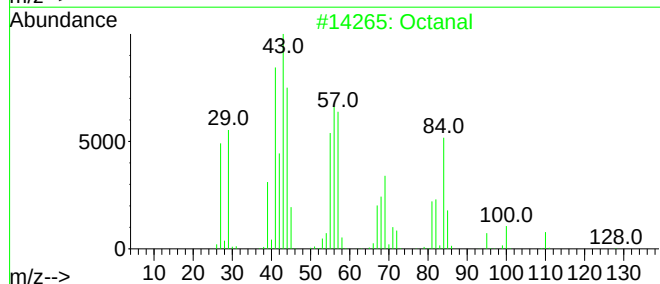
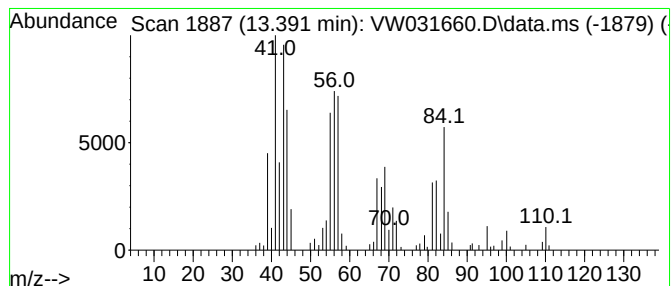
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	10.92 ug/L	66971	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	90
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	87
4	Octanal	128	C8H16O	000124-13-0	83
5	Octanal	128	C8H16O	000124-13-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
Data File : VW031660.D
Acq On : 30 Jan 2025 16:34
Operator : SY/MD
Sample : Q1189-20
Misc : 8.58g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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
(DEL) Alkane: S...	3.387	1.5	ug/L	54242	1	8.837	909206	25.0
Propanal, 2-met...	5.789	1.5	ug/L	53467	1	8.837	909206	25.0
Butanal	6.898	6.8	ug/L	249184	1	8.837	909206	25.0
Butanal, 3-methyl-	8.551	1.8	ug/L	64689	1	8.837	909206	25.0
Pentanal	9.404	15.5	ug/L	562638	1	8.837	909206	25.0
Hexanal	11.068	144.5	ug/L	2596070	2	11.629	449010	25.0
Furfural	11.849	5.1	ug/L	91913	2	11.629	449010	25.0
2-Hexenal	11.946	2.4	ug/L	43040	2	11.629	449010	25.0
Heptanal	12.336	6.8	ug/L	121230	2	11.629	449010	25.0
(1S)-2,6,6-Trim...	12.464	1.4	ug/L	24272	2	11.629	449010	25.0
2-Heptenal, (E)-	13.099	4.3	ug/L	26706	3	13.556	153322	25.0
Octanal	13.391	10.9	ug/L	66971	3	13.556	153322	25.0