

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031796.D
 Acq On : 10 Jul 2025 12:41
 Operator : SY/MD
 Sample : Q2480-04
 Misc : 7.35g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82W063025S.M

Title : SW846 8260

Signal : TIC: VW031796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	188	196	206	rVB2	37786	102711	1.12%	0.204%
2	3.436	247	254	267	rBV3	52234	150371	1.64%	0.299%
3	4.990	490	509	540	rVB8	81483	622381	6.79%	1.236%
4	5.472	573	588	611	rBV3	52988	197680	2.16%	0.393%
5	5.972	657	670	688	rBV2	105063	327986	3.58%	0.651%
6	6.319	717	727	740	rVB	80869	248811	2.71%	0.494%
7	6.459	740	750	759	rBV3	39691	124529	1.36%	0.247%
8	6.752	789	798	814	rVB2	65799	200203	2.18%	0.398%
9	7.008	829	840	850	rBV2	288380	897547	9.79%	1.783%
10	7.715	948	956	965	rBV	224851	540474	5.89%	1.073%
11	7.904	976	987	990	rBV2	166363	390289	4.26%	0.775%
12	7.965	991	997	1007	rVB2	530834	1390633	15.16%	2.762%
13	8.173	1022	1031	1037	rBV	69999	167562	1.83%	0.333%
14	8.325	1048	1056	1069	rVB2	195272	487267	5.31%	0.968%
15	8.465	1069	1079	1085	rVV3	179979	532884	5.81%	1.058%
16	8.520	1085	1088	1094	rVV2	91741	192820	2.10%	0.383%
17	8.587	1094	1099	1109	rVB2	85728	203586	2.22%	0.404%
18	8.703	1109	1118	1131	rVB2	106648	248985	2.71%	0.495%
19	8.849	1131	1142	1162	rBV	618468	1561832	17.03%	3.102%
20	9.124	1182	1187	1204	rVB	89764	206148	2.25%	0.409%
21	9.343	1206	1223	1239	rBV2	588262	1451354	15.82%	2.883%
22	9.526	1246	1253	1259	rBV	63354	120412	1.31%	0.239%
23	9.691	1273	1280	1281	rBV2	76436	133382	1.45%	0.265%
24	9.715	1281	1284	1288	rVV2	96705	182905	1.99%	0.363%
25	9.764	1288	1292	1300	rVB4	55240	114391	1.25%	0.227%
26	9.855	1300	1307	1312	rBV	221444	411256	4.48%	0.817%
27	9.910	1312	1316	1321	rVV	79386	134445	1.47%	0.267%
28	10.099	1339	1347	1356	rBV3	52805	122122	1.33%	0.243%
29	10.209	1356	1365	1376	rVB	308837	590535	6.44%	1.173%
30	10.325	1376	1384	1390	rBV	773526	1445267	15.76%	2.870%
31	10.392	1390	1395	1402	rVB	211797	406601	4.43%	0.808%
32	10.508	1407	1414	1422	rVV4	93390	214531	2.34%	0.426%
33	10.666	1436	1440	1447	rBV	56437	101437	1.11%	0.201%
34	10.751	1447	1454	1463	rVB3	81765	206644	2.25%	0.410%
35	11.635	1591	1599	1605	rBV	674135	1151506	12.55%	2.287%
36	11.733	1605	1615	1623	rVV	5560683	9171855	100.00%	18.216%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82W063025S.M
Title : SW846 8260

37	11.837	1623	1632	1643	rVV	3444520	6541480	71.32%	12.992%
38	12.166	1675	1686	1694	rBV	160495	315883	3.44%	0.627%
39	12.465	1729	1735	1741	rBV	355799	553431	6.03%	1.099%
40	12.617	1753	1760	1768	rVB2	490643	831040	9.06%	1.651%
41	12.800	1783	1790	1795	rBV	516697	812086	8.85%	1.613%
42	12.867	1795	1801	1803	rVV	507836	837384	9.13%	1.663%
43	12.897	1803	1806	1809	rVV	474654	690372	7.53%	1.371%
44	12.940	1809	1813	1819	rVB	485030	728118	7.94%	1.446%
45	13.099	1832	1839	1847	rBV	463746	750303	8.18%	1.490%
46	13.245	1857	1863	1870	rVB	1295528	1946652	21.22%	3.866%
47	13.580	1908	1918	1928	rBV2	1784349	3826573	41.72%	7.600%
48	13.714	1934	1940	1941	rBV	107571	135821	1.48%	0.270%
49	13.751	1941	1946	1961	rVB	1367374	2556653	27.87%	5.078%
50	13.940	1971	1977	1983	rVB2	125646	216412	2.36%	0.430%
51	14.007	1983	1988	1991	rBV	75716	124924	1.36%	0.248%
52	14.092	1997	2002	2007	rVB	263505	401737	4.38%	0.798%
53	14.153	2007	2012	2015	rBV	86915	130442	1.42%	0.259%
54	14.202	2015	2020	2028	rVB2	389663	623469	6.80%	1.238%
55	14.330	2035	2041	2047	rBV2	97505	158045	1.72%	0.314%
56	14.409	2047	2054	2058	rBV	139260	229940	2.51%	0.457%
57	14.684	2094	2099	2105	rBV	223858	349778	3.81%	0.695%
58	14.806	2110	2119	2124	rBV2	421503	840056	9.16%	1.668%
59	14.952	2137	2143	2149	rBV2	104988	169736	1.85%	0.337%
60	15.055	2149	2160	2164	rBV3	57997	136559	1.49%	0.271%
61	15.171	2172	2179	2186	rVB3	55521	132132	1.44%	0.262%
62	15.360	2202	2210	2220	rVB	701697	1258063	13.72%	2.499%
63	16.433	2378	2386	2399	rVB	85692	191718	2.09%	0.381%
64	16.634	2410	2419	2429	rVB2	45511	107356	1.17%	0.213%

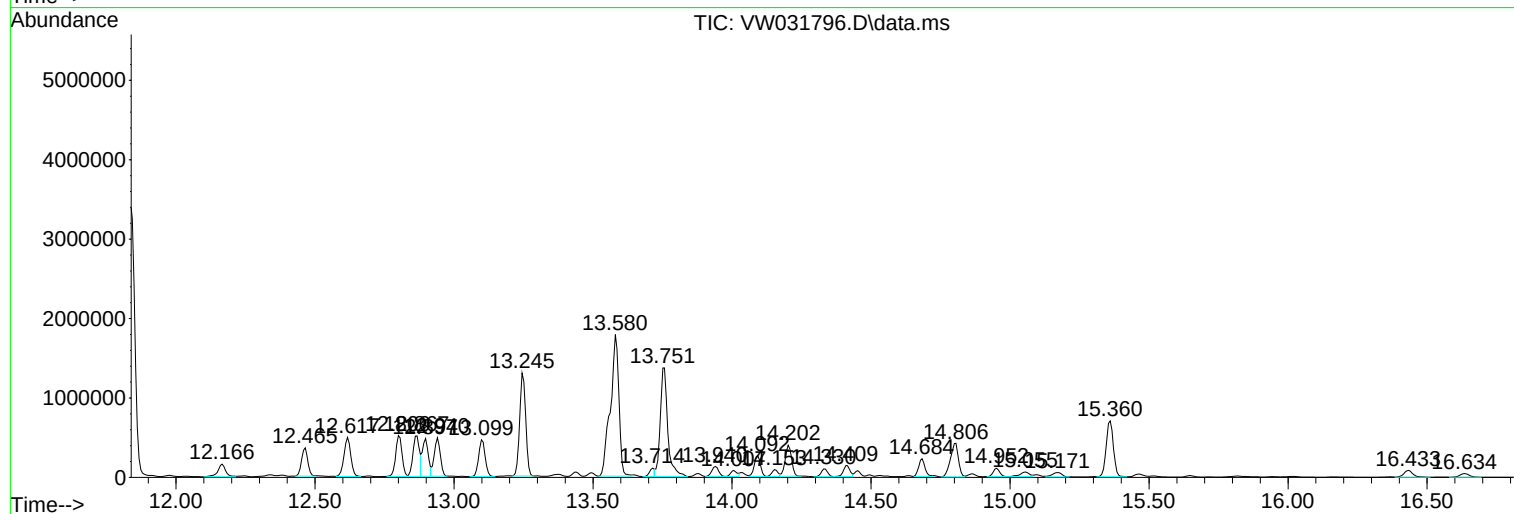
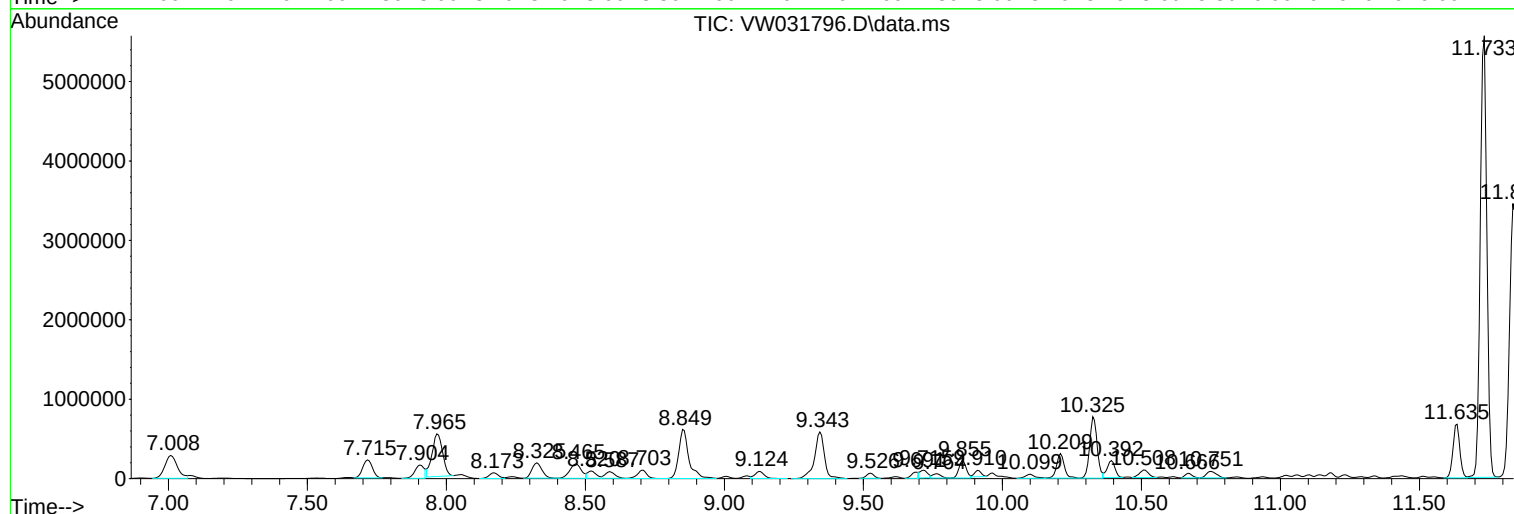
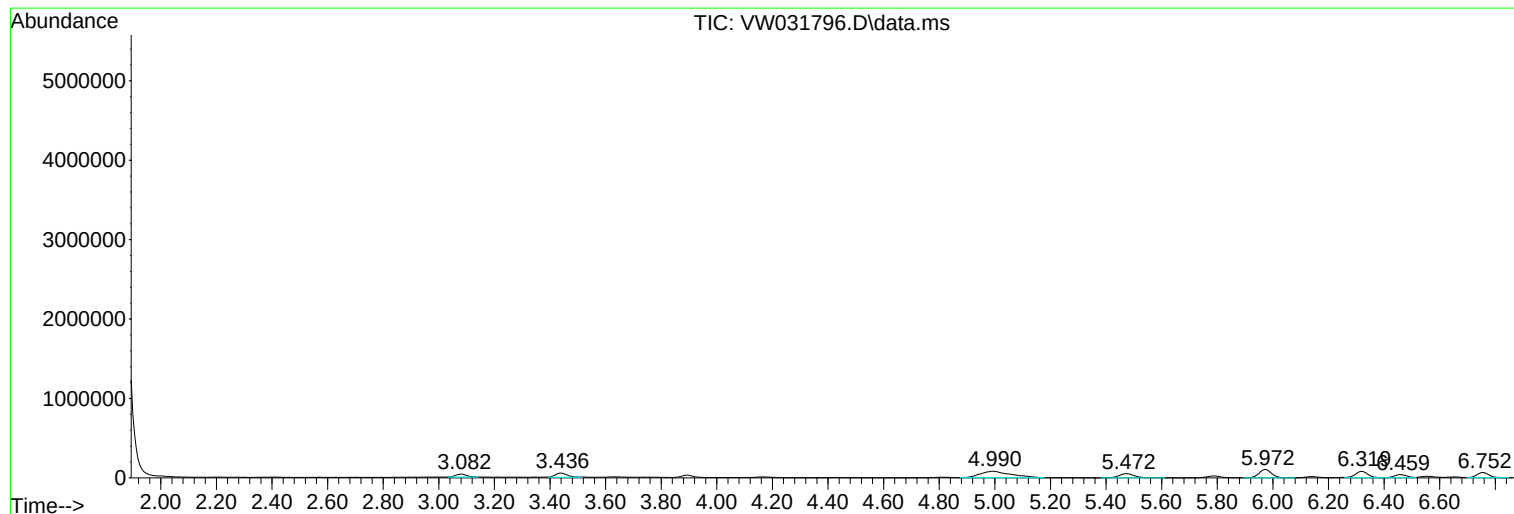
Sum of corrected areas: 50349505

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

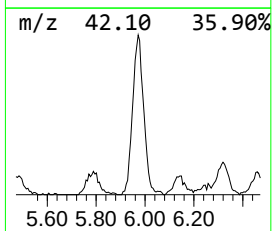
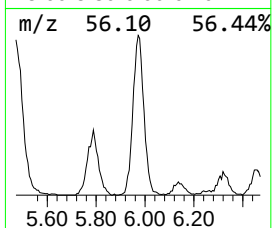
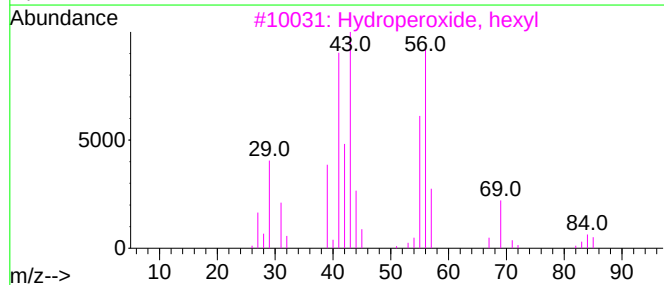
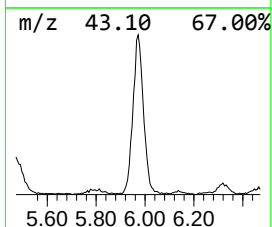
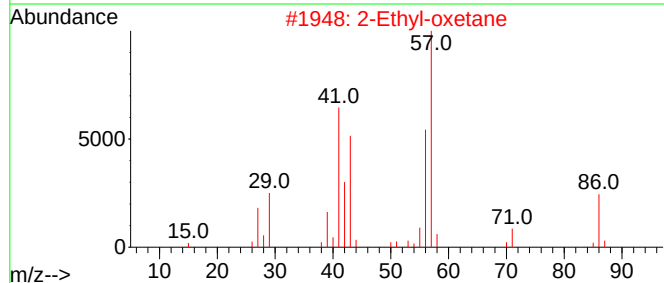
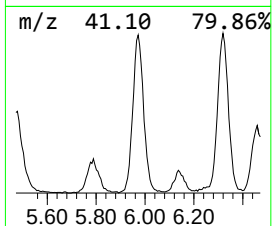
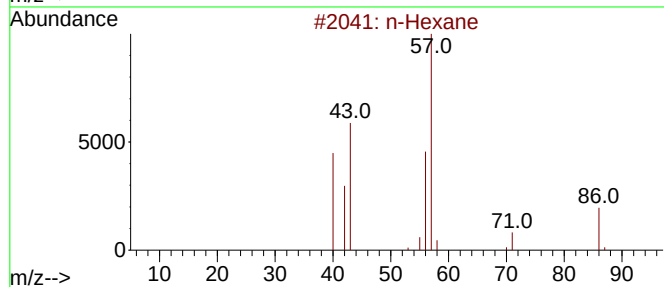
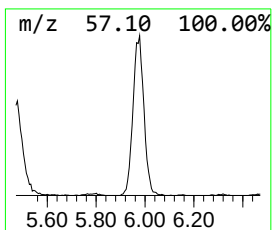
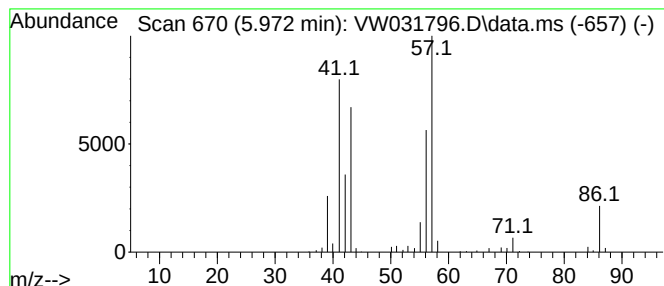
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 1 n-Hexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.972	11.79 ug/l	327986	Pentafluorobenzene	7.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	72
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	50
3			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38
4			Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

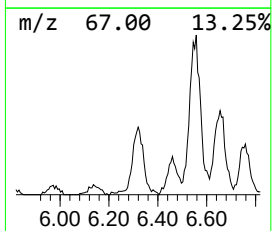
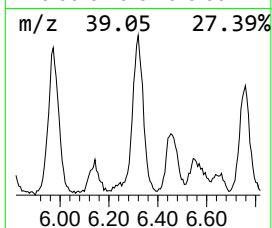
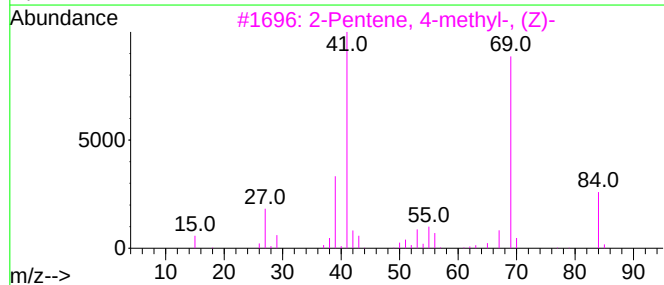
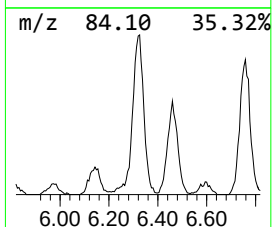
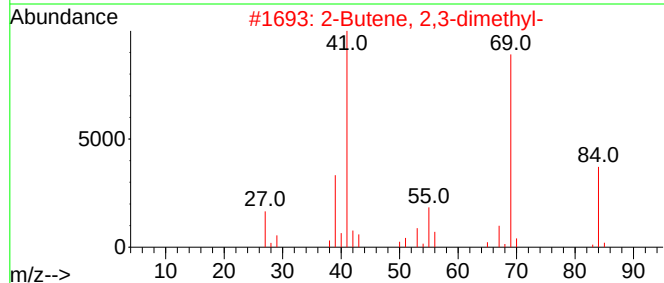
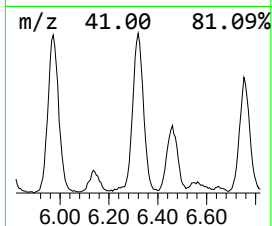
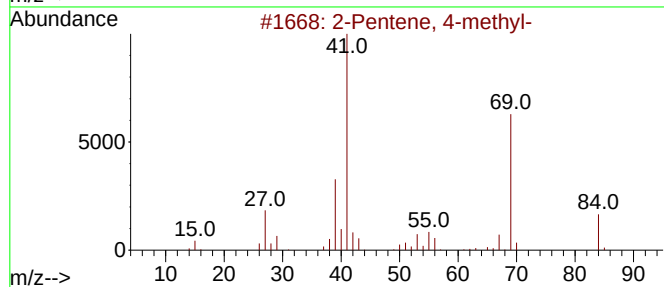
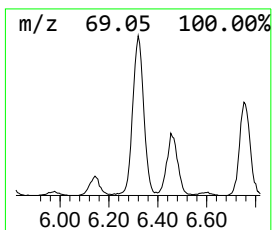
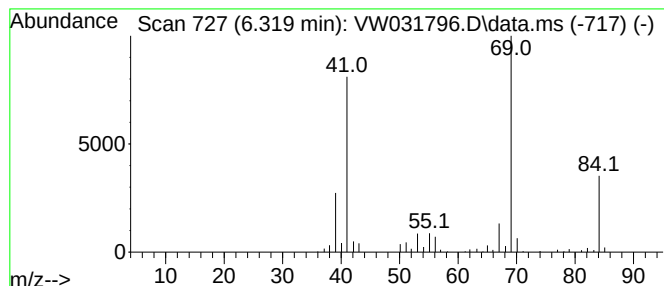
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Pentene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.319	8.95 ug/l	248811	Pentafluorobenzene	7.965

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
2		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	87
3		2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
4		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	86
5		1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

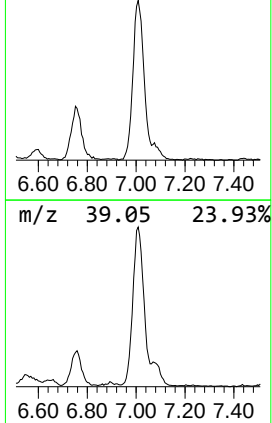
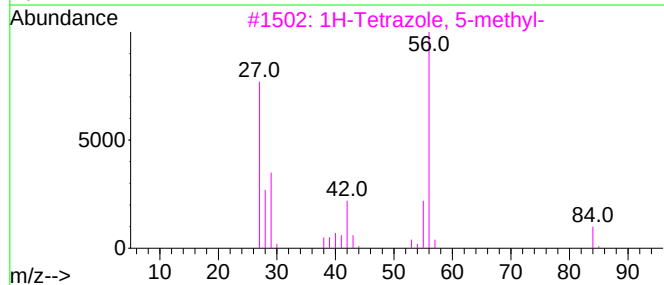
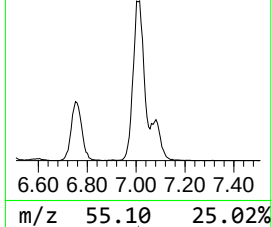
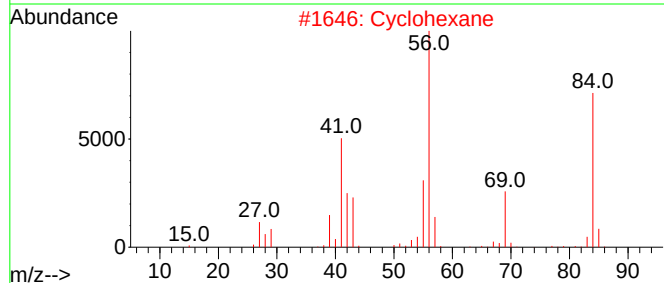
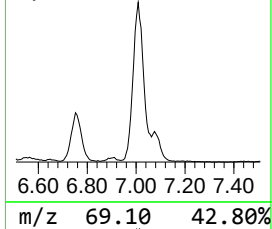
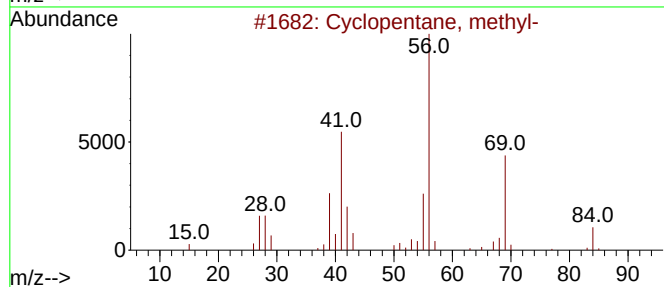
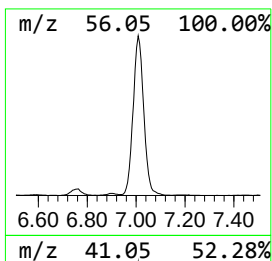
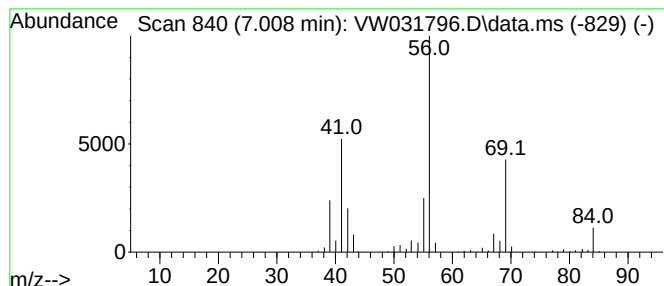
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	32.27 ug/l	897547	Pentafluorobenzene	7.965

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	78
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		Cyclobutane	56	C4H8	000287-23-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

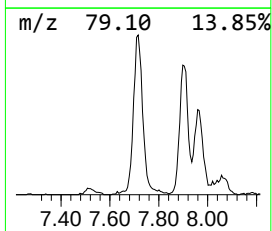
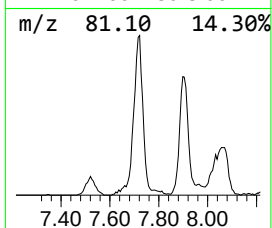
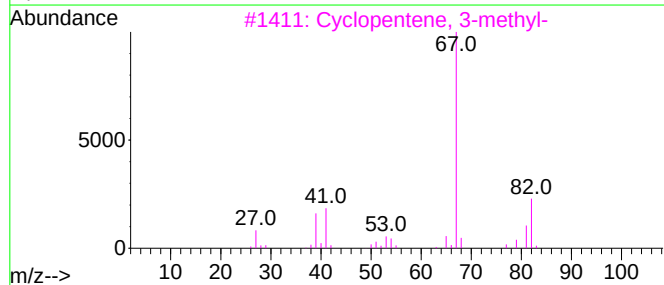
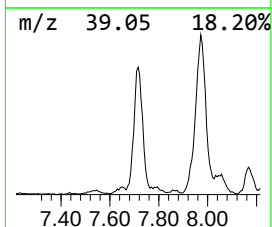
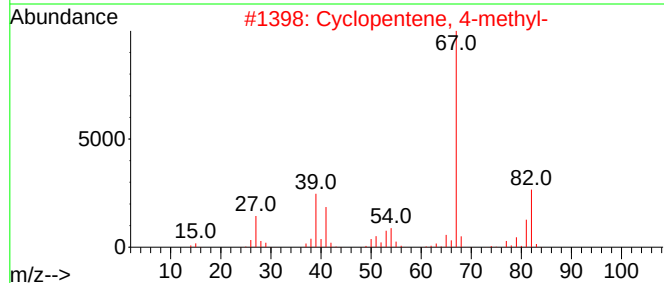
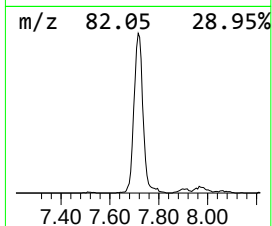
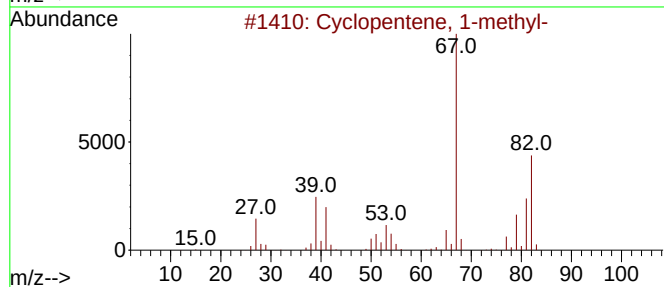
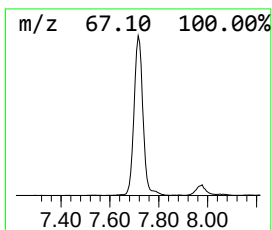
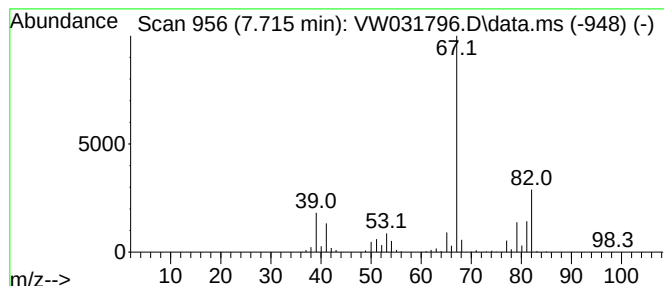
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclopentene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.715	19.43 ug/l	540474	Pentafluorobenzene	7.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2			Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
3			Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4			1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	80
5			1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

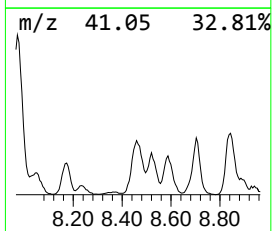
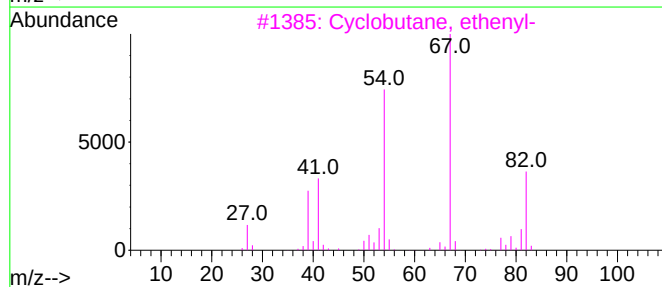
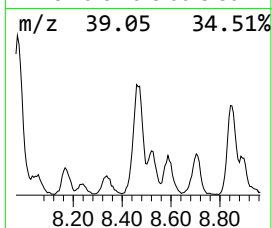
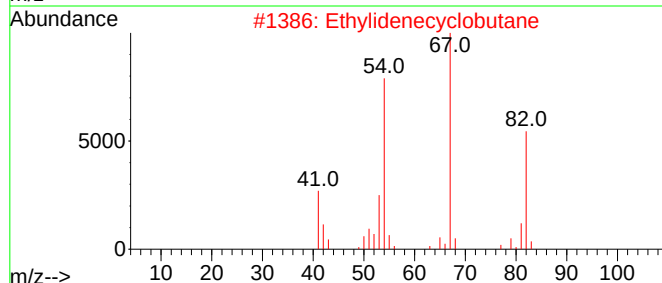
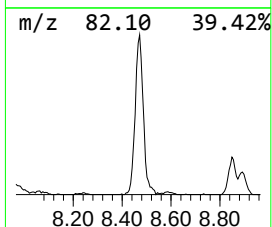
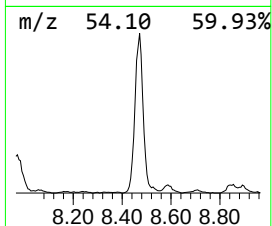
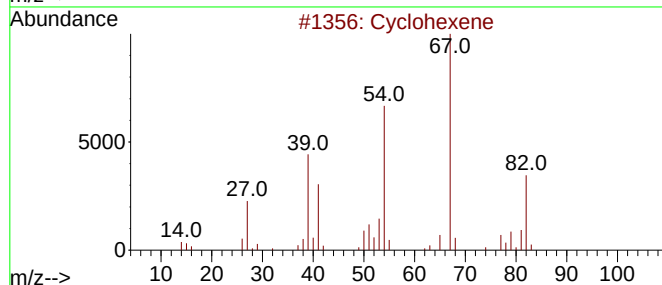
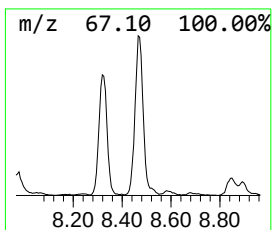
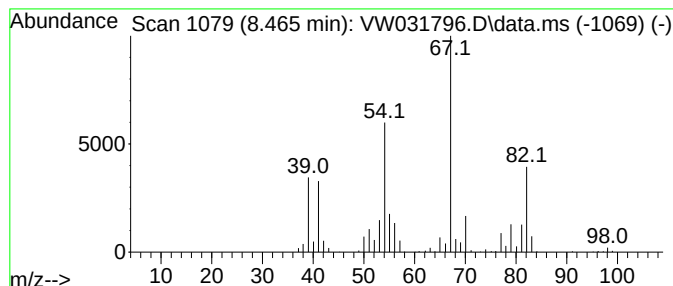
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.465	17.06 ug/l	532884	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene	82	C6H10	000110-83-8	87
2			Ethylidenecyclobutane	82	C6H10	001528-21-8	87
3			Cyclobutane, ethenyl-	82	C6H10	002597-49-1	83
4			C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	70
5			2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

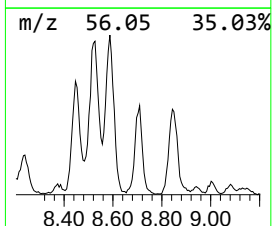
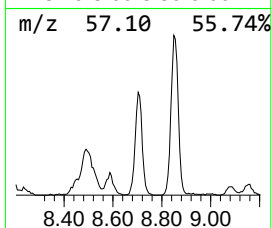
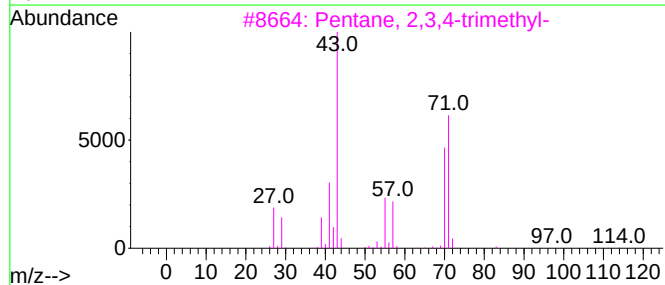
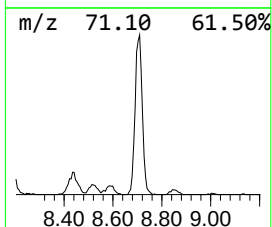
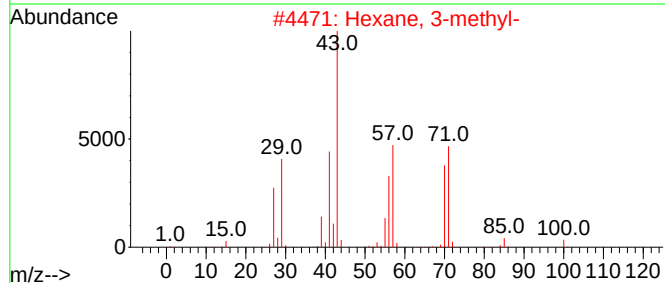
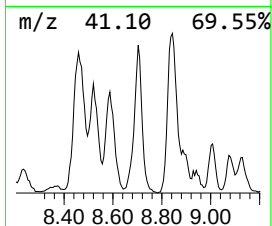
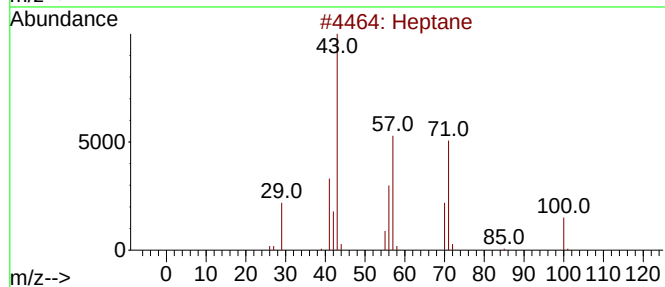
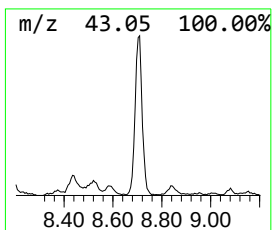
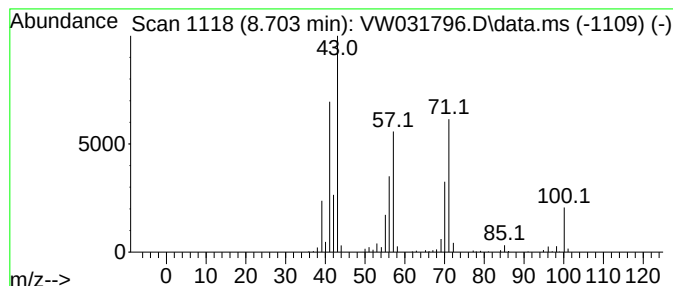
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 6 Heptane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	7.97 ug/l	248985	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
4			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

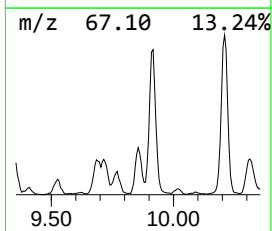
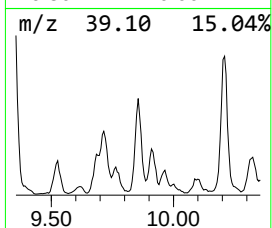
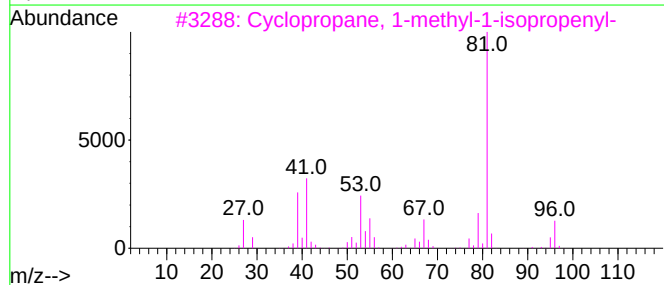
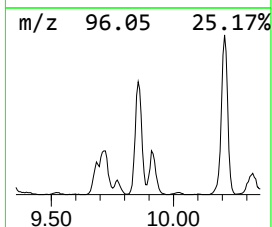
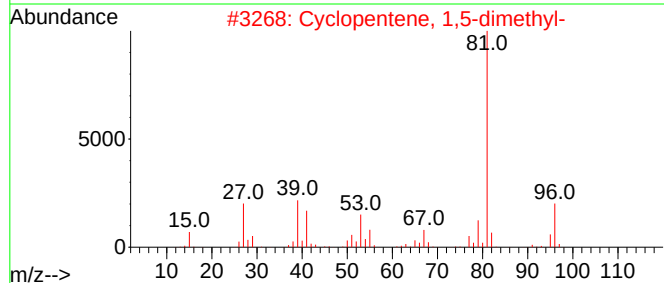
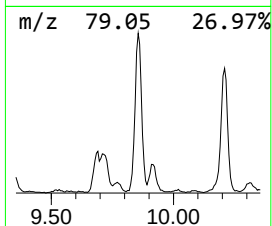
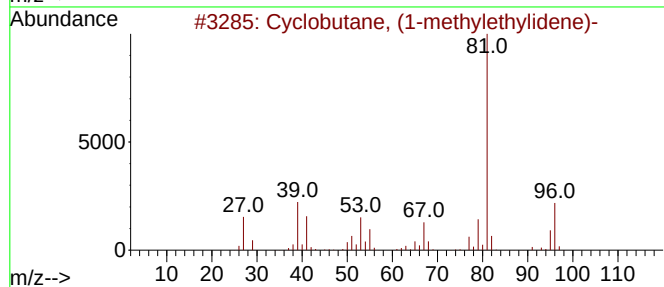
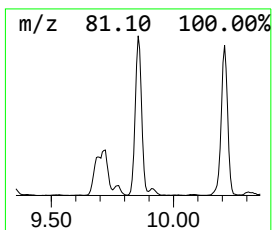
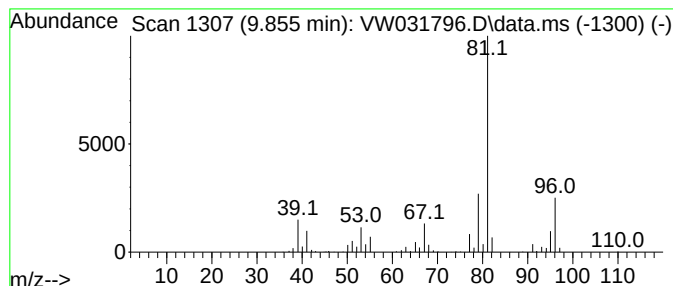
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclobutane, (1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	13.17 ug/l	411256	1,4-Difluorobenzene	8.855

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
3		Cyclopropane, 1-methyl-1-isopropyl-	96	C7H12	003422-07-9	86
4		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
5		1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

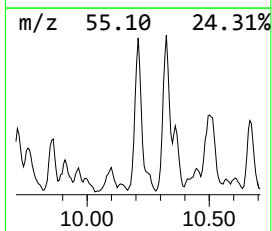
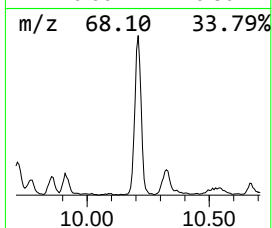
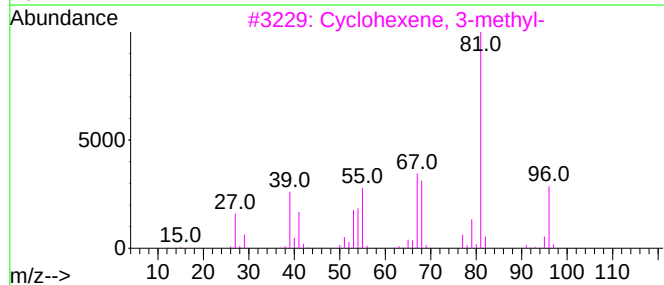
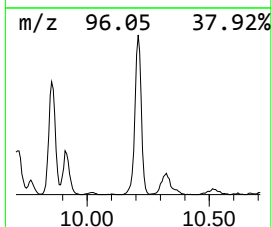
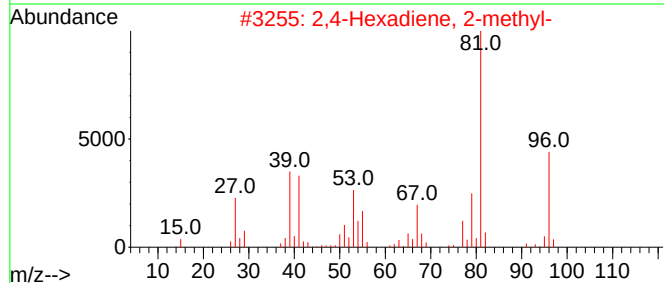
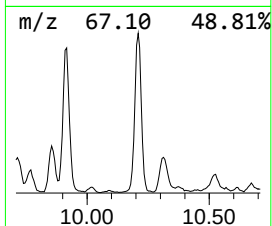
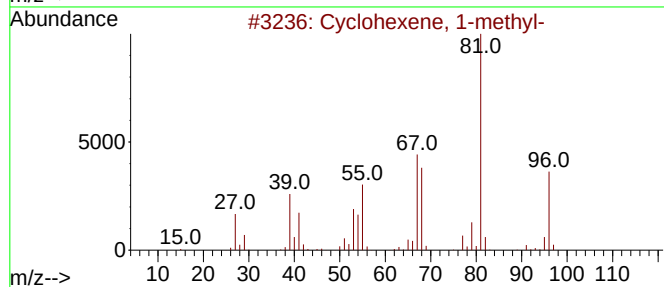
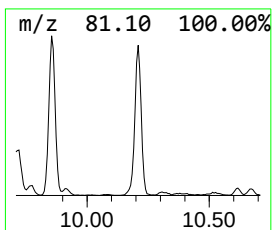
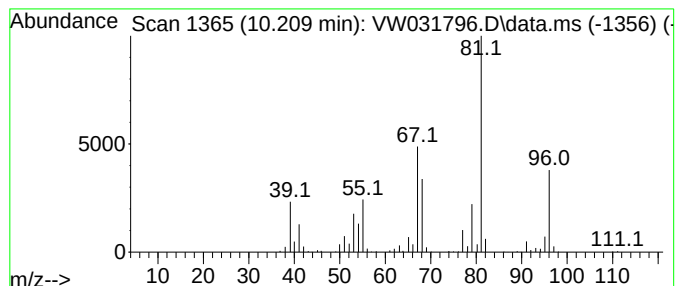
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.209	18.91 ug/l	590535	1,4-Difluorobenzene	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2			2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
4			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

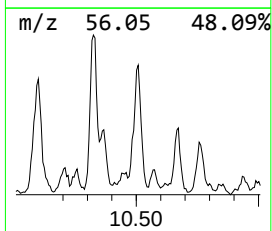
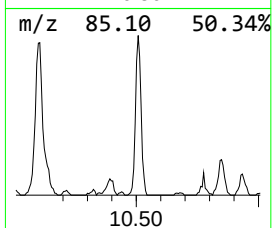
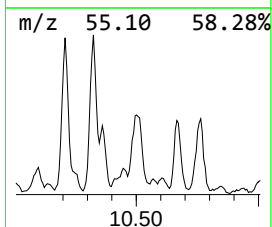
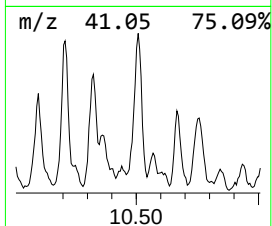
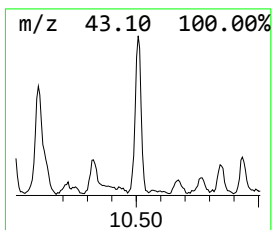
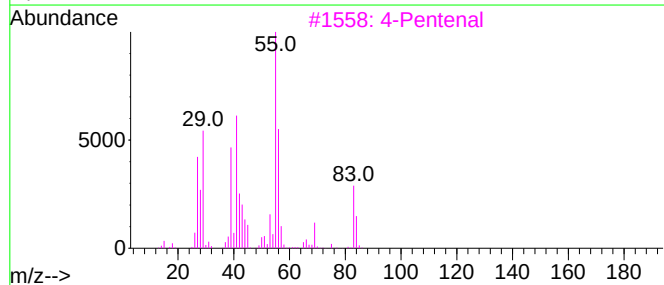
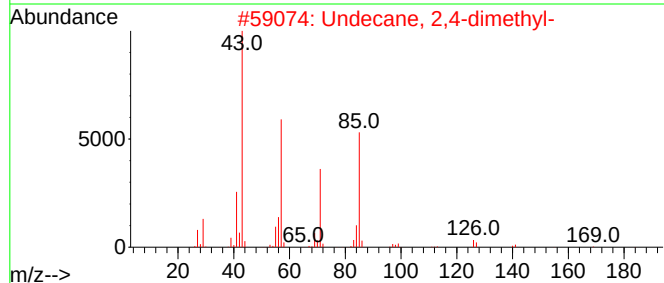
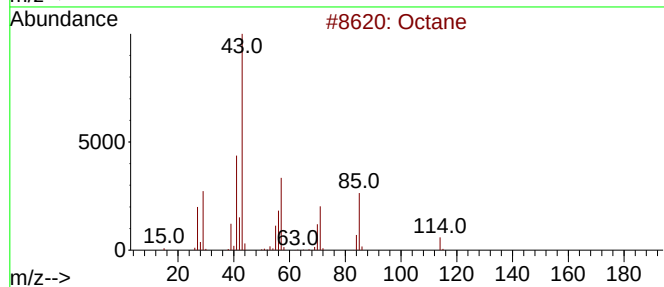
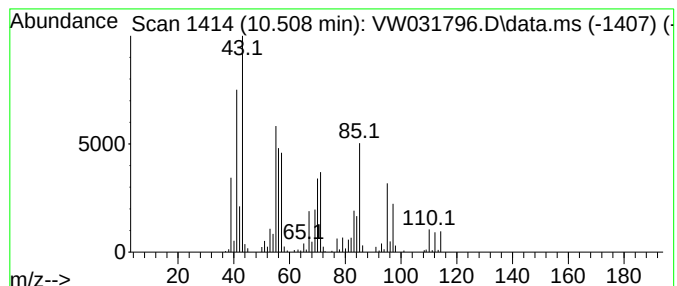
Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown10.508 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.508	9.32 ug/l	214531	Chlorobenzene-d5		11.635	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	43
2	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	27
3	4-Pentenal		84	C5H8O	002100-17-6	25
4	Cycloheptane, methyl-		112	C8H16	004126-78-7	18
5	2-Octene, (E)-		112	C8H16	013389-42-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

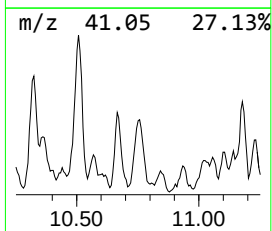
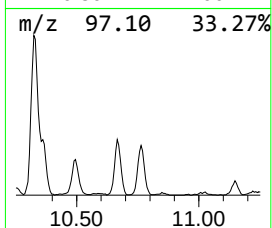
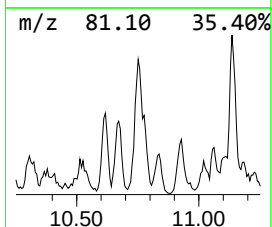
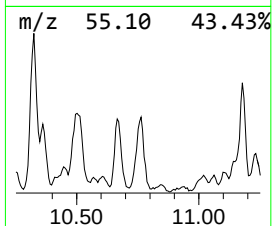
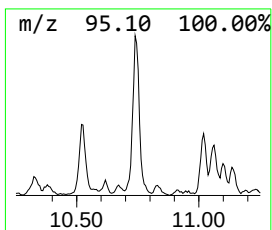
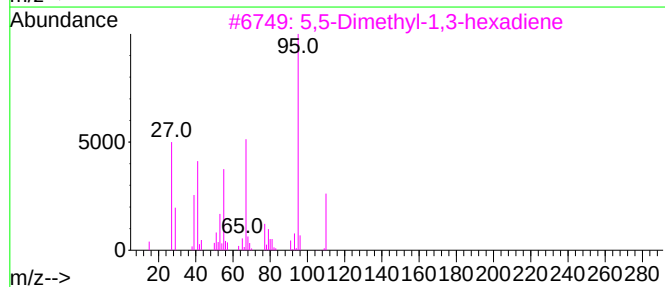
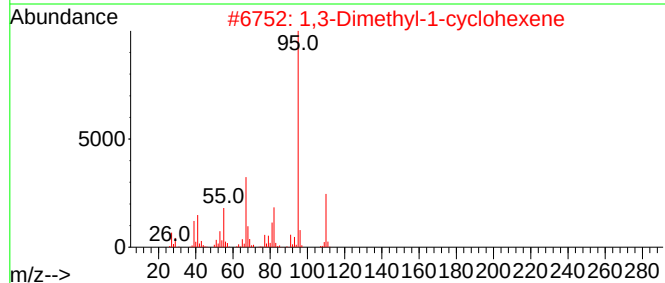
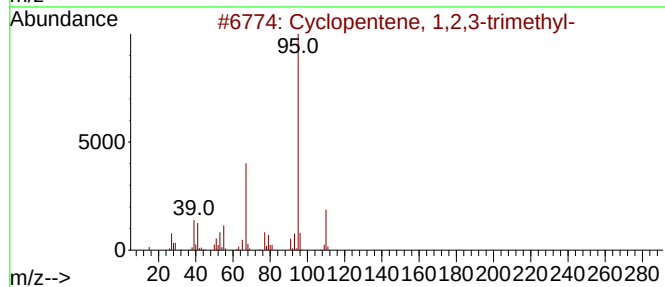
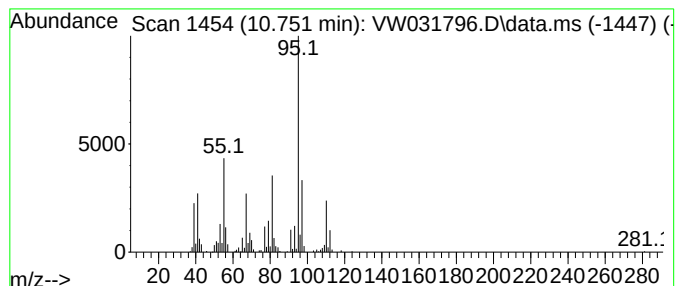
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	8.97 ug/l	206644	Chlorobenzene-d5	11.635

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	68
3		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	58
4		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	53
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

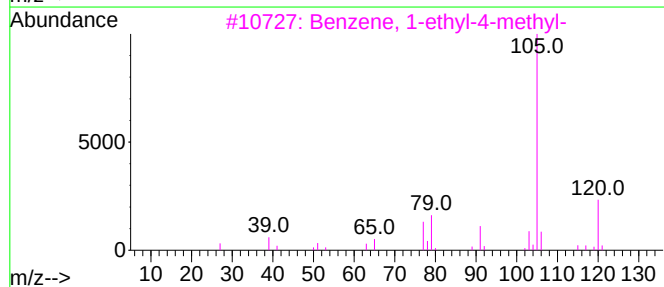
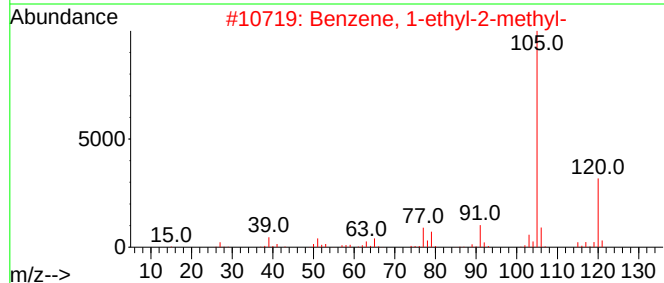
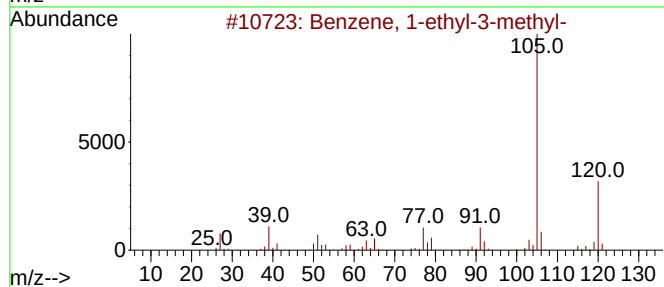
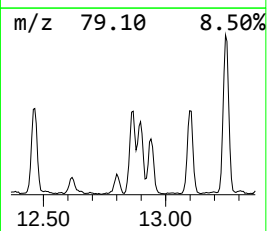
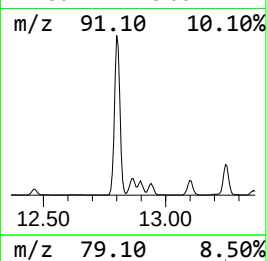
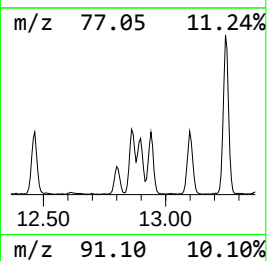
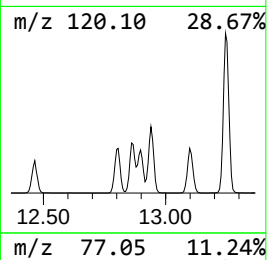
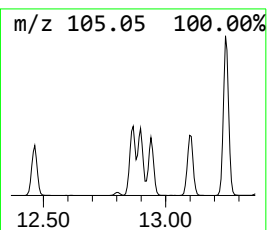
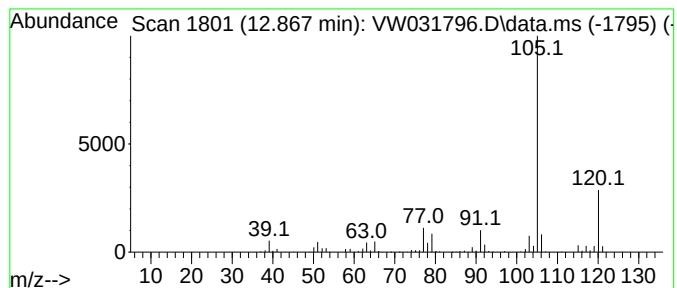
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	10.94 ug/l	837384	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

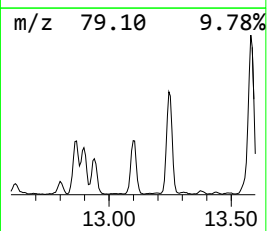
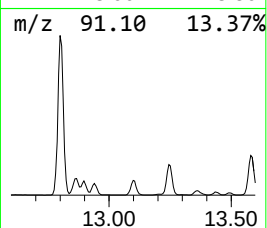
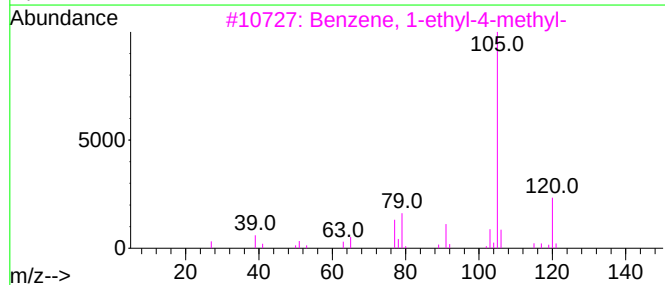
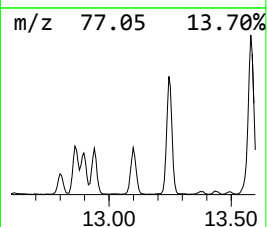
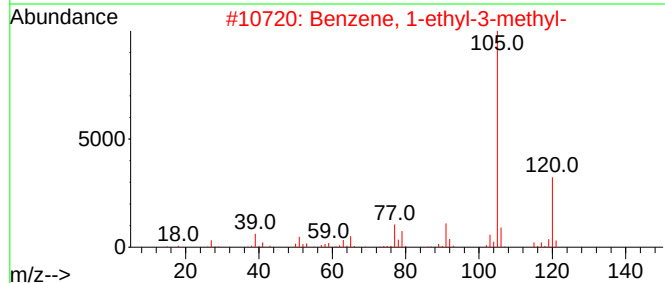
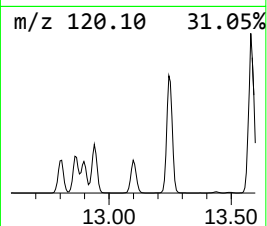
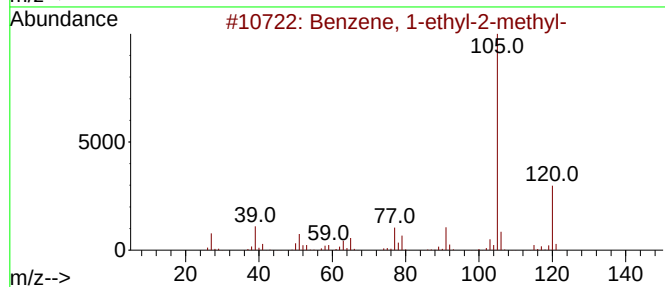
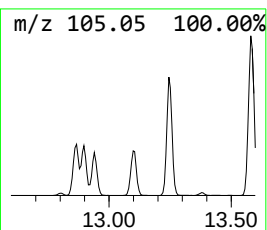
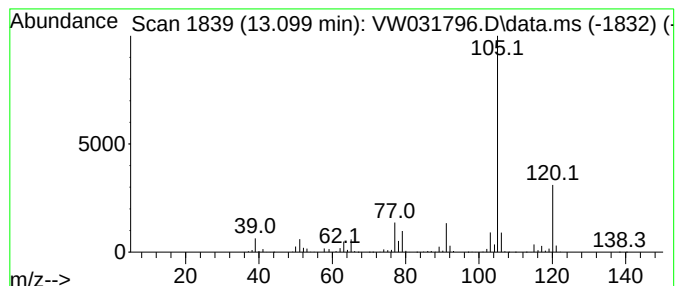
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	9.80 ug/l	750303	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

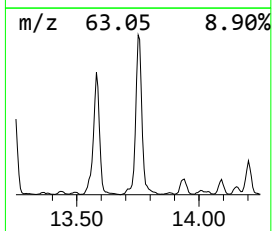
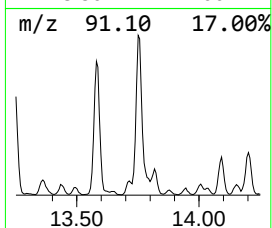
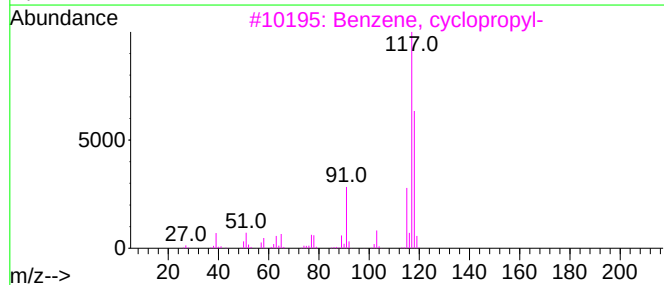
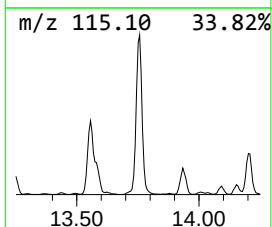
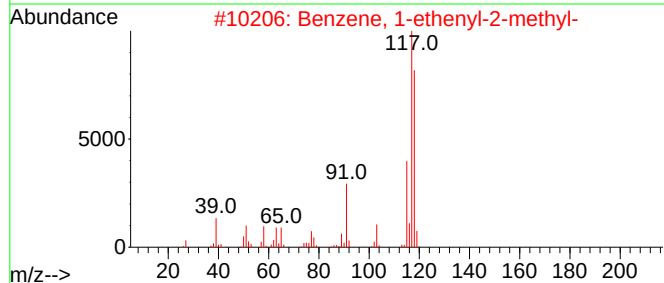
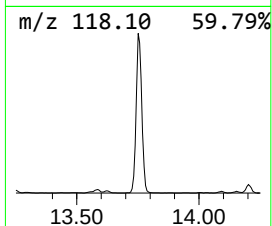
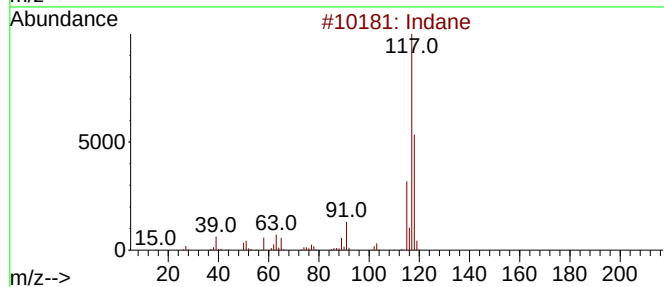
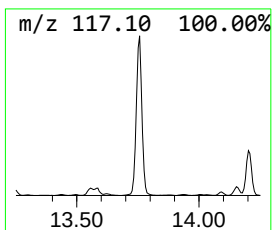
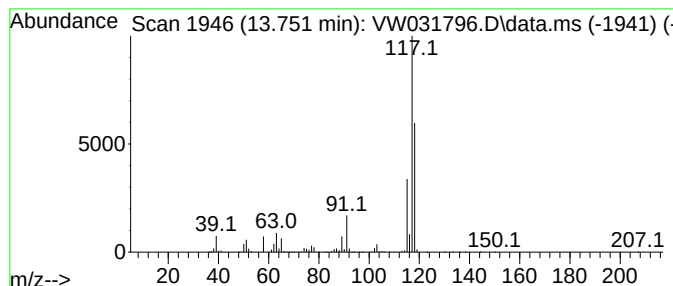
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 13 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	33.41 ug/l	2556650	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
5			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

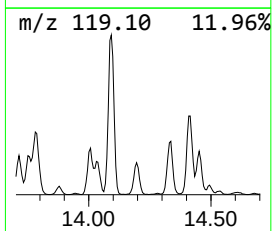
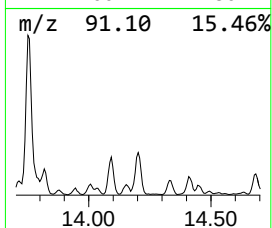
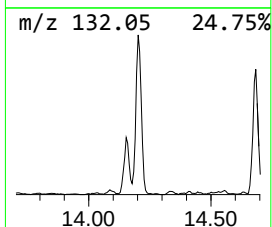
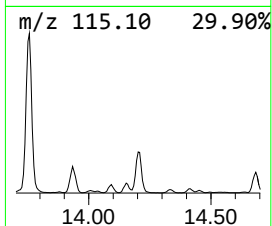
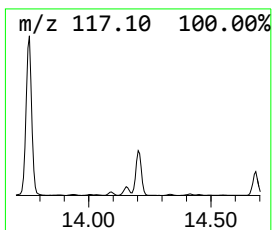
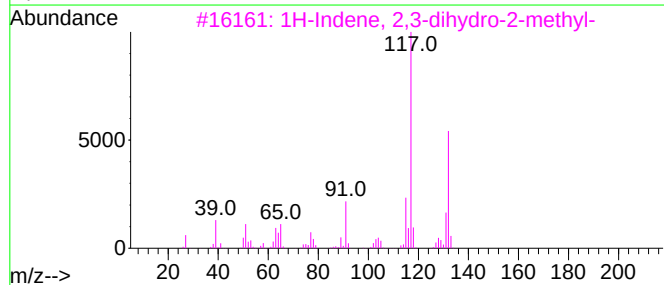
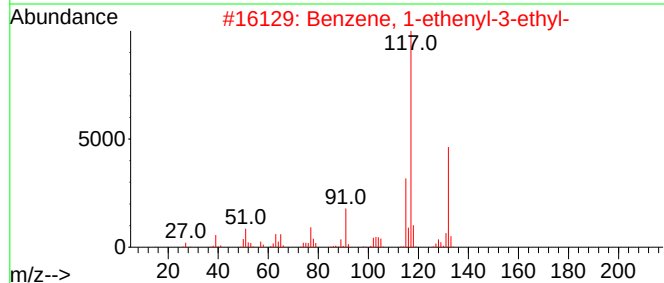
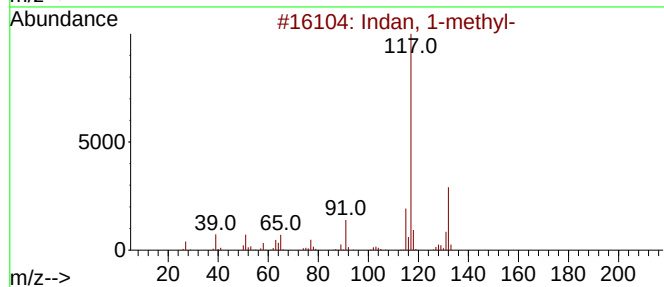
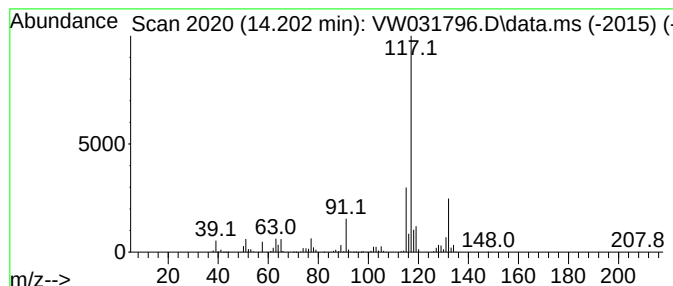
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 14 Indan, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	8.15 ug/l	623469	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	87
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

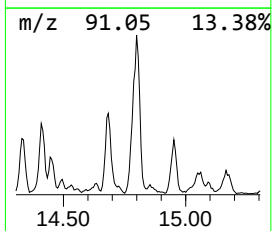
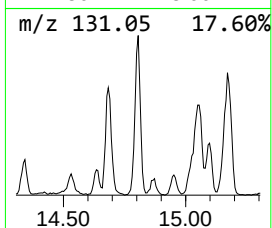
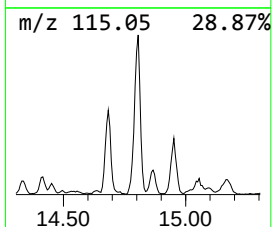
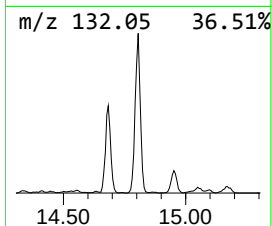
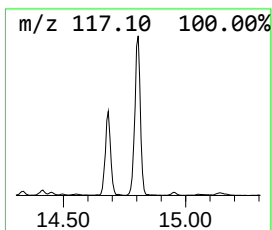
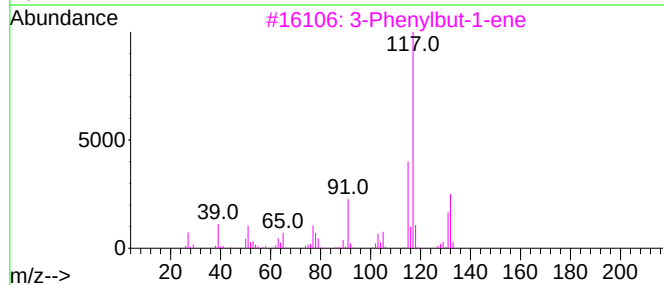
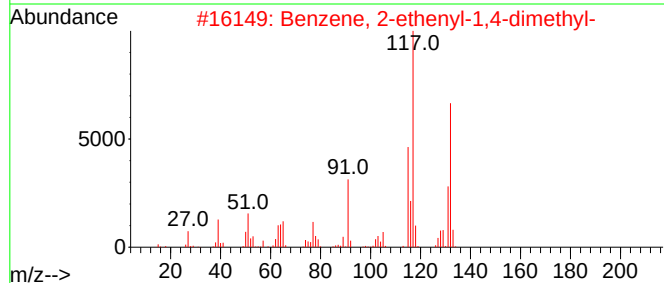
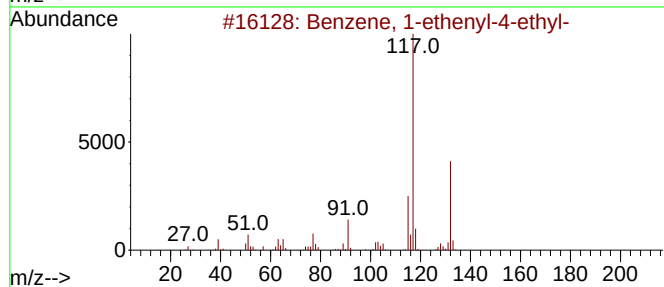
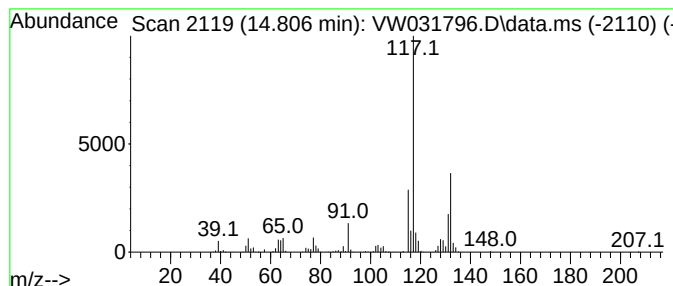
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.806	10.98 ug/l	840056	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031796.D
Acq On : 10 Jul 2025 12:41
Operator : SY/MD
Sample : Q2480-04
Misc : 7.35g/5mL/MSVOA_W/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexane	5.972	11.8	ug/l	327986	1	7.965	1390630	50.0
2-Pentene, 4-me...	6.319	8.9	ug/l	248811	1	7.965	1390630	50.0
Cyclopentane, m...	7.008	32.3	ug/l	897547	1	7.965	1390630	50.0
Cyclopentene, 1...	7.715	19.4	ug/l	540474	1	7.965	1390630	50.0
Cyclohexene	8.465	17.1	ug/l	532884	2	8.855	1561830	50.0
Heptane	8.703	8.0	ug/l	248985	2	8.855	1561830	50.0
Cyclobutane, (1...	9.855	13.2	ug/l	411256	2	8.855	1561830	50.0
Cyclohexene, 1-...	10.209	18.9	ug/l	590535	2	8.855	1561830	50.0
unknown10.508	10.508	9.3	ug/l	214531	3	11.635	1151510	50.0
Cyclopentene, 1...	10.751	9.0	ug/l	206644	3	11.635	1151510	50.0
Benzene, 1-ethy...	12.867	10.9	ug/l	837384	4	13.556	3826570	50.0
Benzene, 1-ethy...	13.099	9.8	ug/l	750303	4	13.556	3826570	50.0
Indane	13.751	33.4	ug/l	2556650	4	13.556	3826570	50.0
Indan, 1-methyl-	14.202	8.2	ug/l	623469	4	13.556	3826570	50.0
Benzene, 1-ethe...	14.806	11.0	ug/l	840056	4	13.556	3826570	50.0