

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031975.D
 Acq On : 01 Aug 2025 11:12
 Operator : SY/MD
 Sample : Q2741-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-07312025

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\82W072225S.M
 Title : SW846 8260

Signal : TIC: VW031975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.898	978	986	991	rBV2	12305	30512	37.13%	2.719%
2	7.959	991	996	1005	rVB2	26333	56167	68.35%	5.005%
3	8.319	1045	1055	1066	rBV	13176	29589	36.01%	2.637%
4	8.849	1135	1142	1154	rVB	37182	74997	91.26%	6.684%
5	10.325	1376	1384	1393	rBV	38835	75815	92.25%	6.756%
6	11.635	1591	1599	1608	rBV	44970	82180	100.00%	7.324%
7	12.617	1755	1760	1769	rBV2	25203	48176	58.62%	4.293%
8	12.861	1793	1800	1804	rBV2	10226	21067	25.64%	1.877%
9	12.928	1804	1811	1817	rVB5	21828	52982	64.47%	4.722%
10	13.159	1846	1849	1856	rVB6	9214	16098	19.59%	1.435%
11	13.251	1856	1864	1868	rBV	11941	22279	27.11%	1.985%
12	13.440	1889	1895	1899	rBV5	13118	25376	30.88%	2.261%
13	13.556	1909	1914	1922	rVB3	42075	77064	93.77%	6.868%
14	13.745	1942	1945	1949	rBV2	9942	15146	18.43%	1.350%
15	13.787	1949	1952	1961	rVB5	10485	22676	27.59%	2.021%
16	13.873	1961	1966	1970	rBV3	34505	57440	69.90%	5.119%
17	14.092	1997	2002	2006	rVB3	10413	16349	19.89%	1.457%
18	14.202	2014	2020	2025	rBV5	15372	28682	34.90%	2.556%
19	14.379	2045	2049	2053	rBV5	14554	19419	23.63%	1.731%
20	14.537	2071	2075	2081	rVB4	10408	18642	22.68%	1.661%
21	14.714	2101	2104	2110	rVB4	20674	33538	40.81%	2.989%
22	14.799	2110	2118	2123	rBV5	21270	57804	70.34%	5.151%
23	14.952	2138	2143	2149	rVB2	15720	27099	32.98%	2.415%
24	15.171	2173	2179	2186	rVB6	10178	23879	29.06%	2.128%
25	15.415	2214	2219	2223	rBV2	9793	16227	19.75%	1.446%
26	15.543	2237	2240	2249	rVB7	8892	18882	22.98%	1.683%
27	15.647	2249	2257	2263	rBV5	9682	23959	29.15%	2.135%
28	15.854	2286	2291	2299	rVB3	19581	41299	50.25%	3.680%
29	16.165	2331	2342	2349	rBV6	12774	35779	43.54%	3.189%
30	16.366	2367	2375	2381	rBV5	13367	30693	37.35%	2.735%
31	16.433	2381	2386	2397	rVB5	7615	22303	27.14%	1.988%

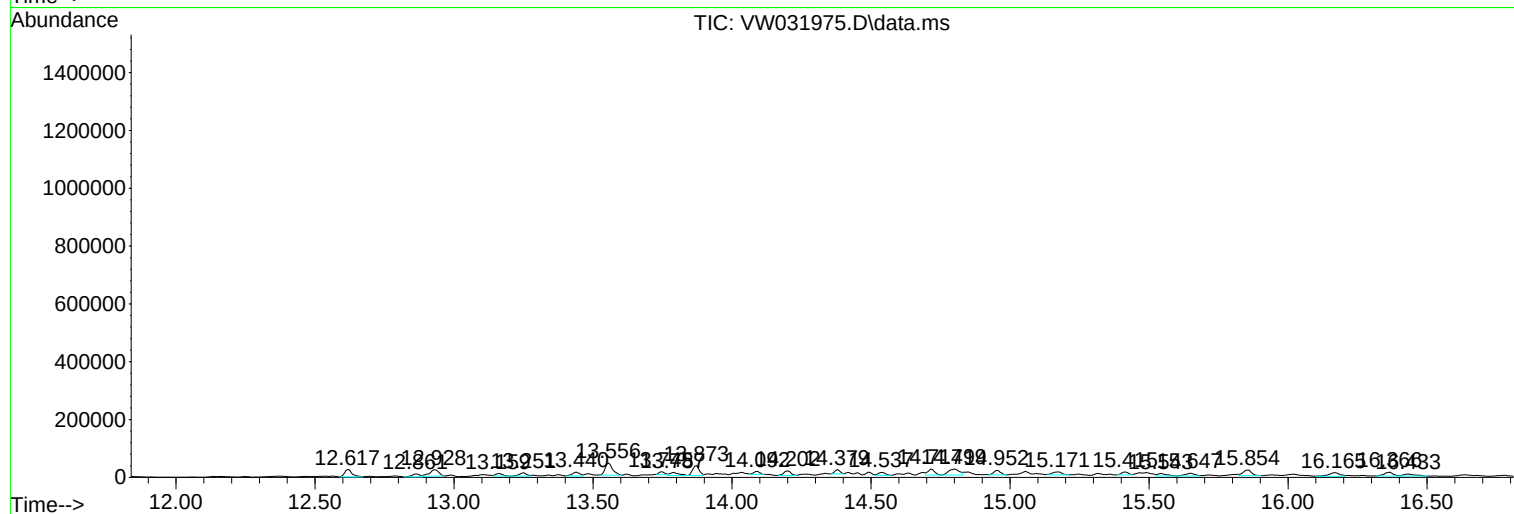
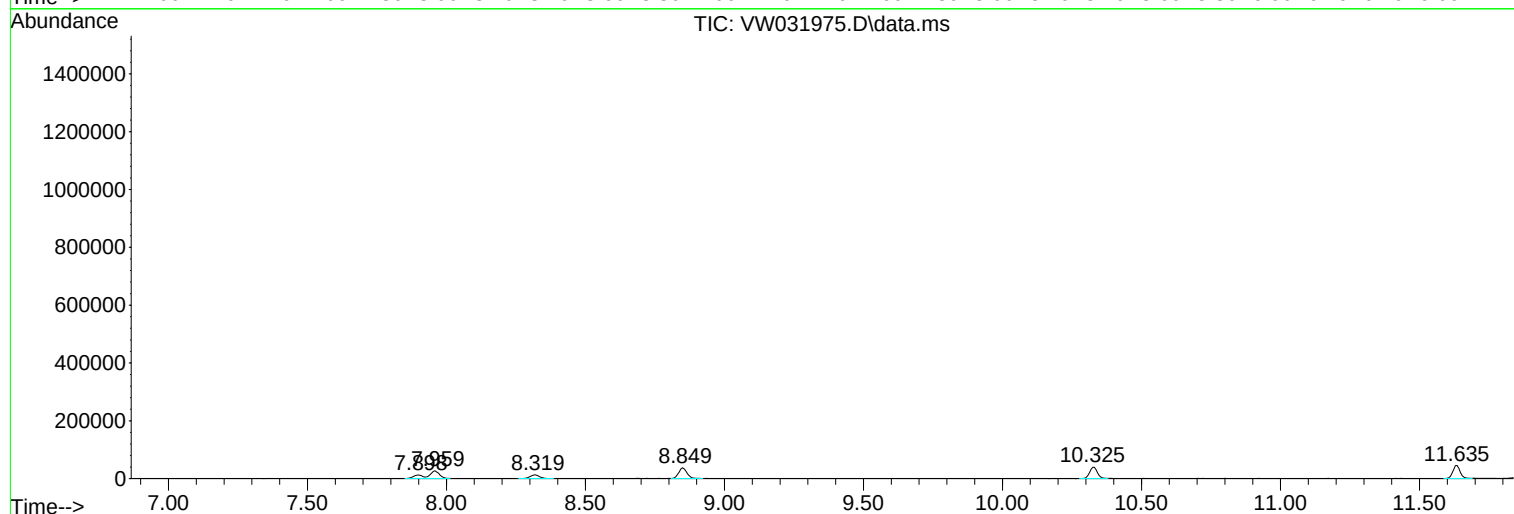
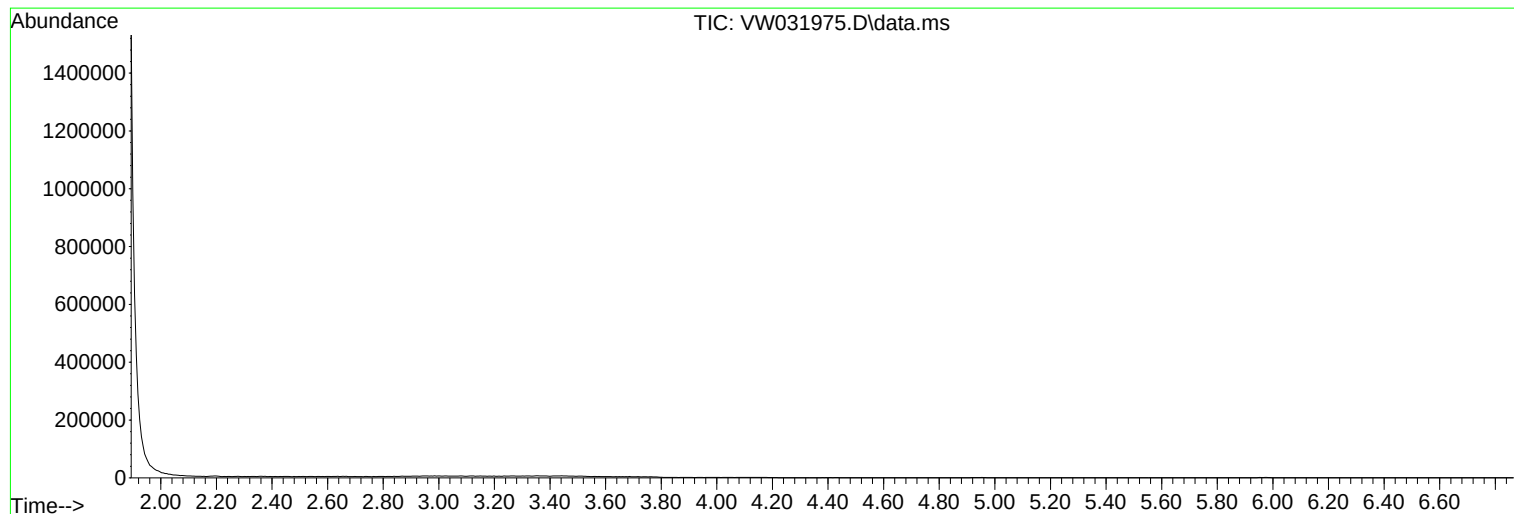
Sum of corrected areas: 1122118

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

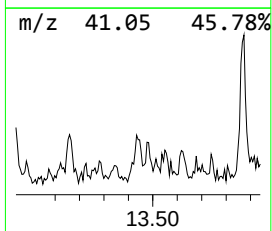
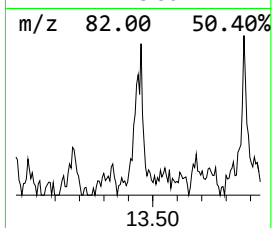
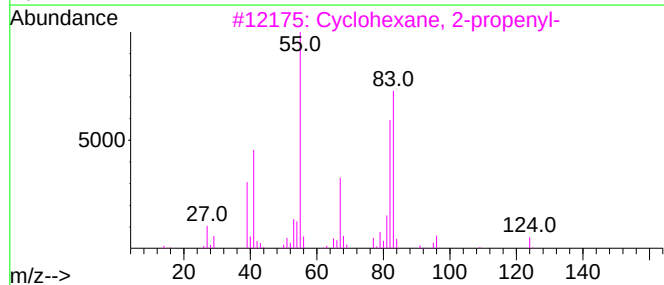
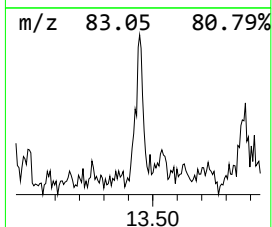
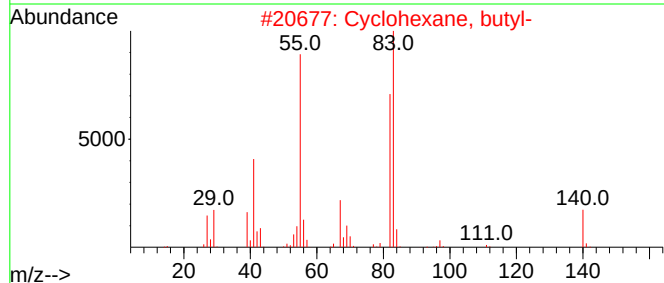
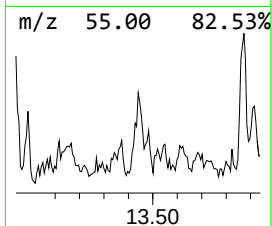
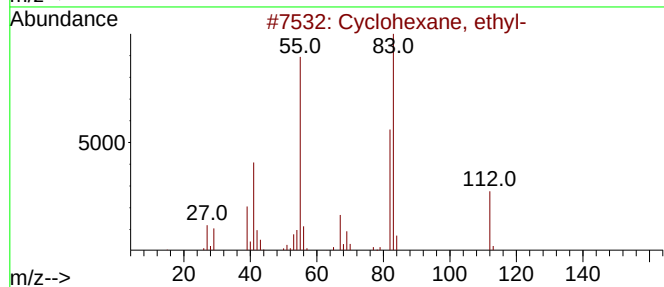
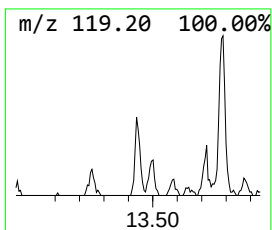
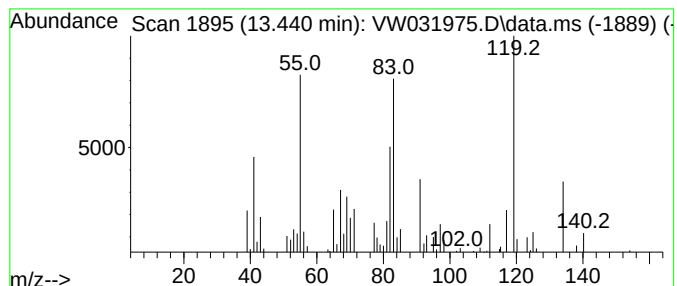
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.440 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	16.46 ug/l	25376	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	41
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

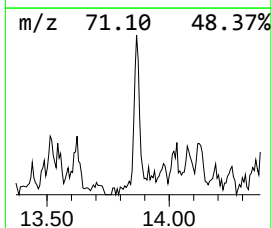
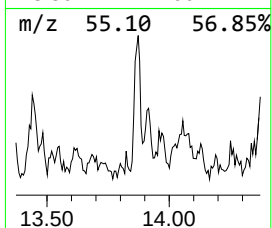
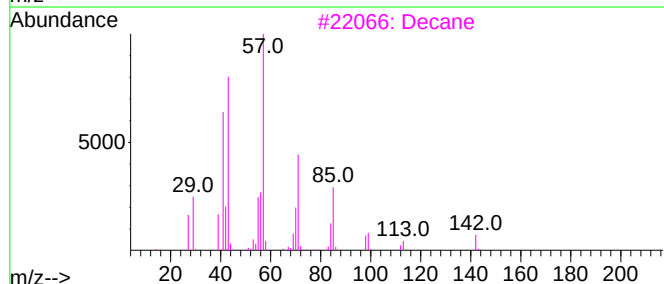
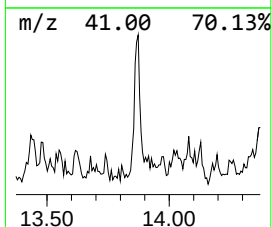
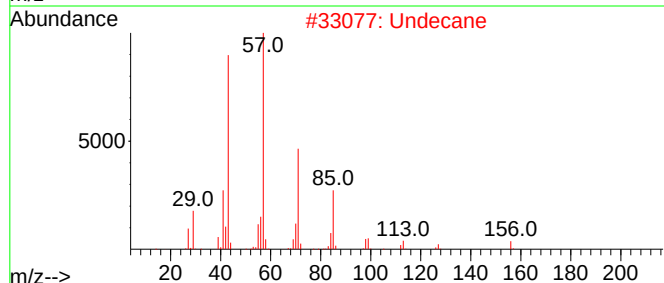
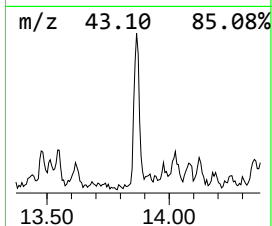
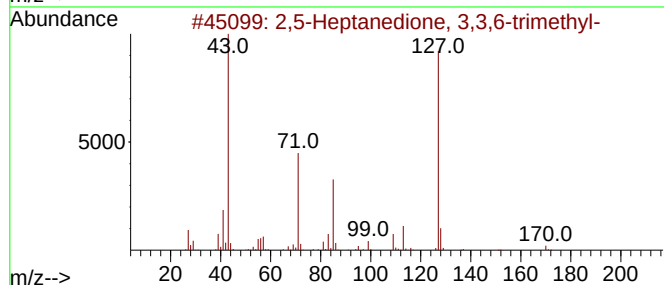
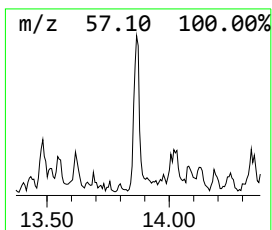
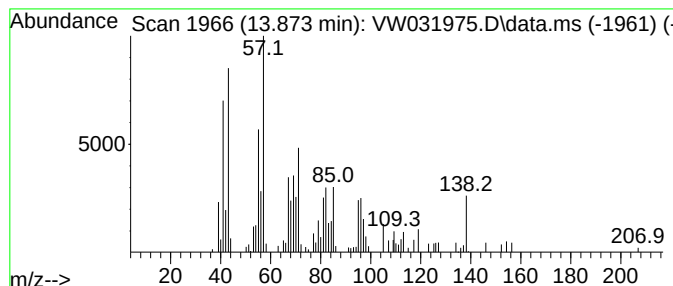
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.873 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	37.27 ug/l	57440	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	35
2			Undecane	156	C11H24	001120-21-4	30
3			Decane	142	C10H22	000124-18-5	30
4			1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	30
5			1,6-Dioxacycloheptadecan-7-one	256	C15H28O3	006707-60-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

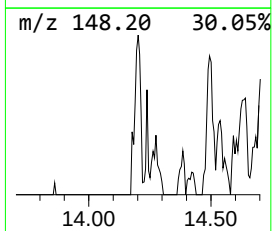
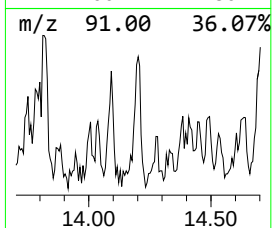
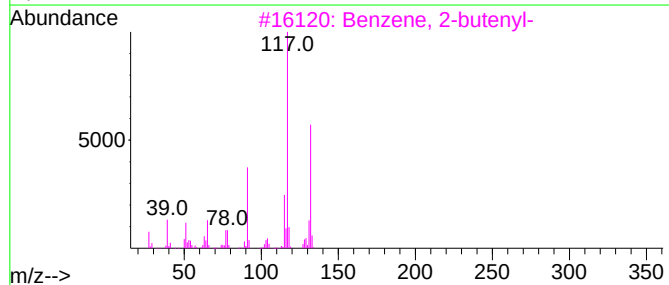
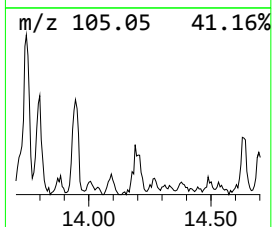
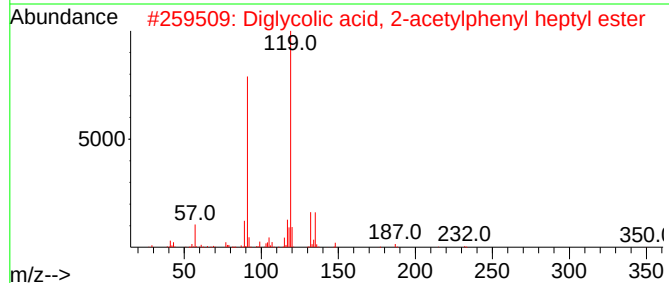
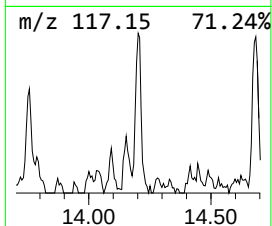
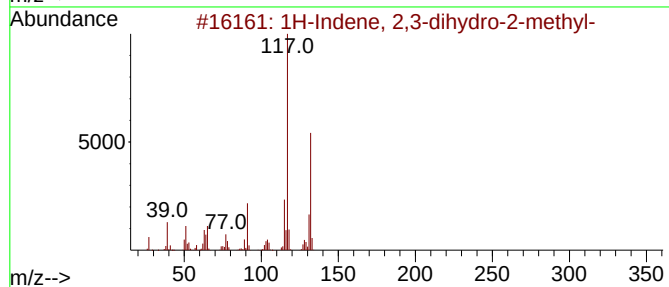
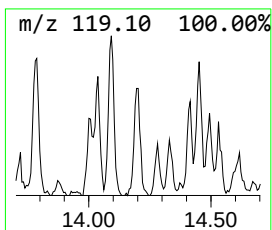
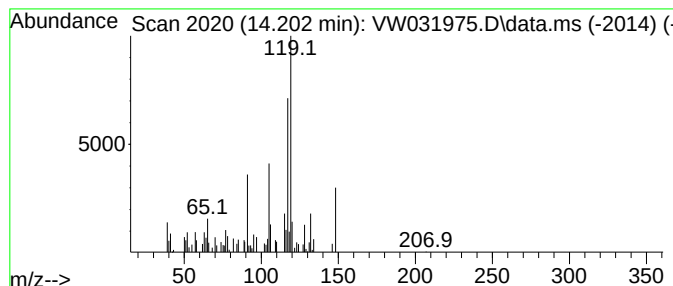
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown14.202 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	18.61 ug/l	28682	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	47
2			Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	47
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	43
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

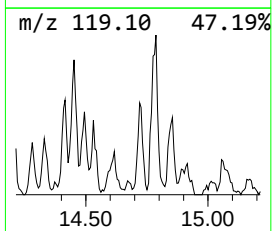
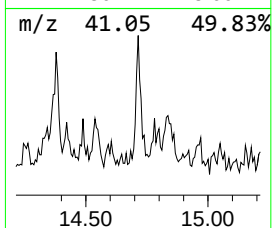
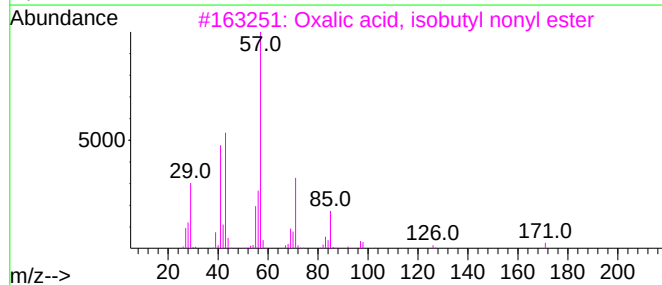
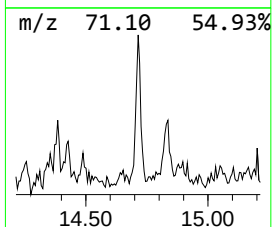
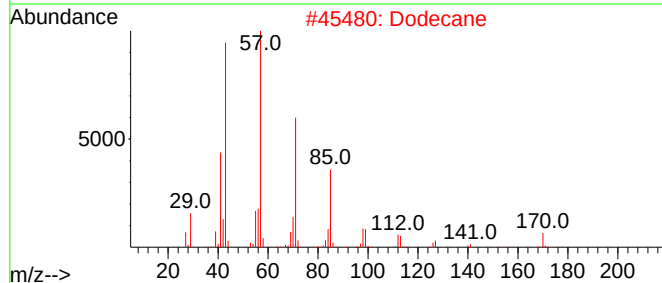
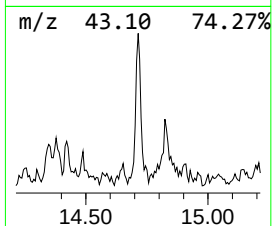
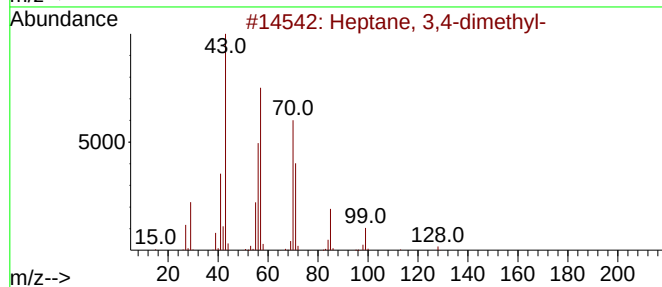
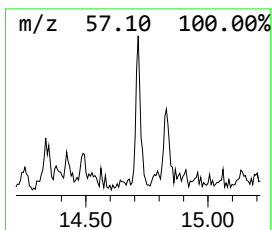
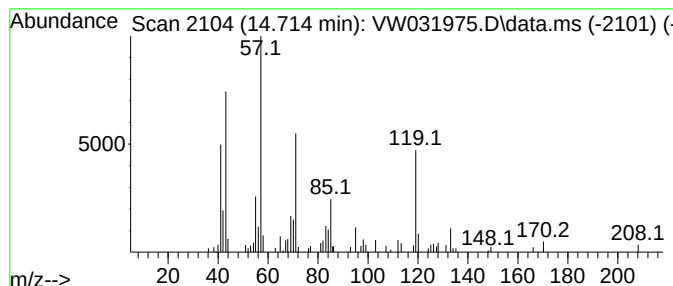
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.714 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	21.76 ug/l	33538	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	46
2			Dodecane	170	C12H26	000112-40-3	45
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
4			Tridecane	184	C13H28	000629-50-5	38
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

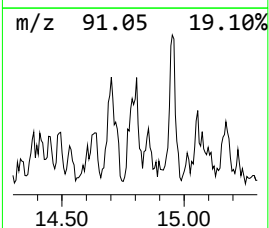
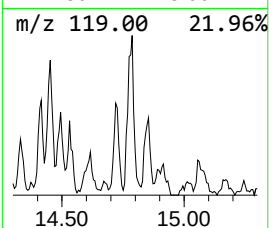
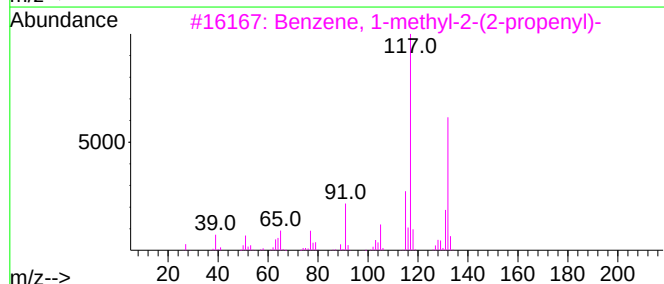
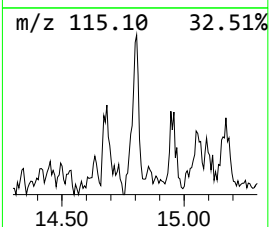
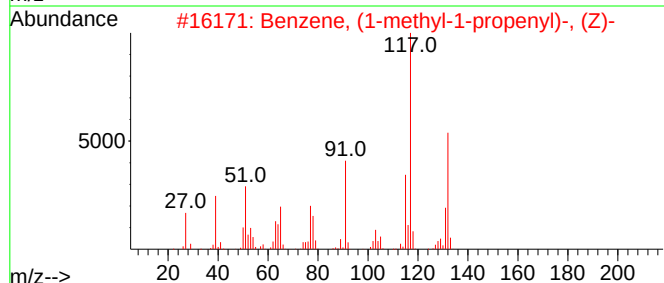
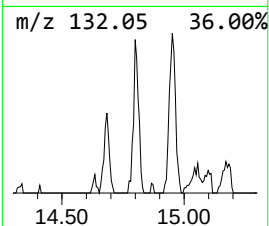
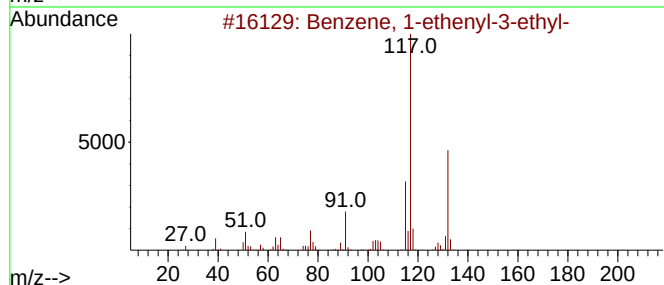
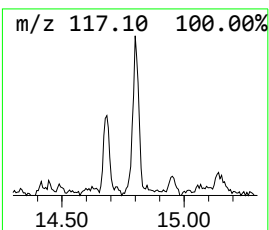
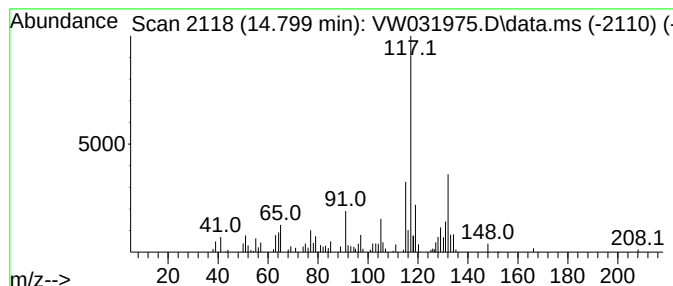
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	37.50 ug/l	57804	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

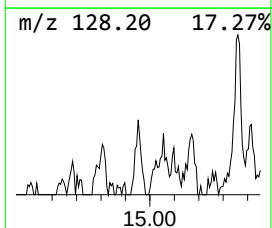
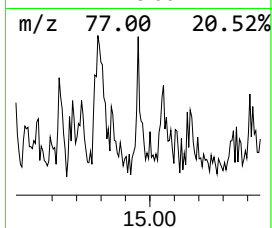
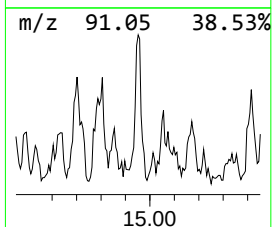
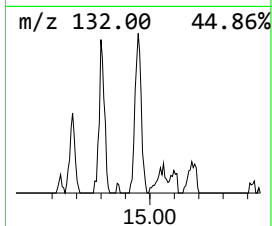
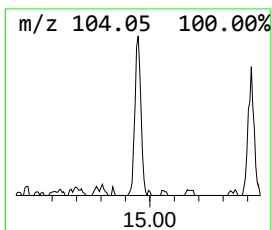
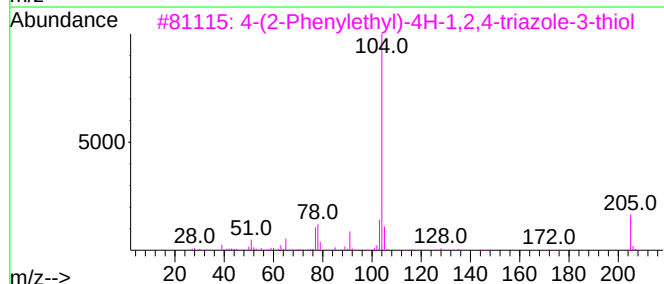
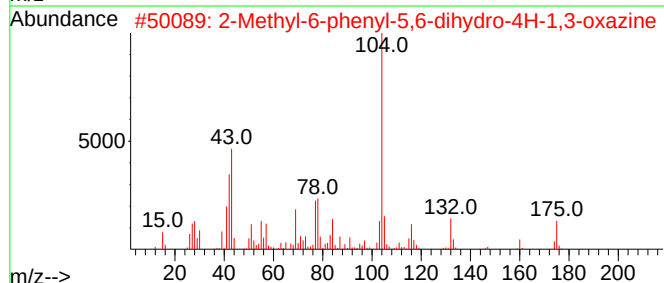
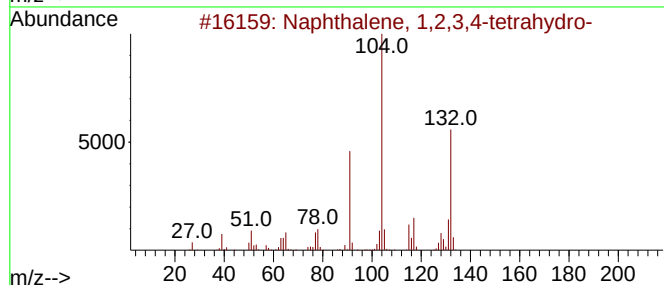
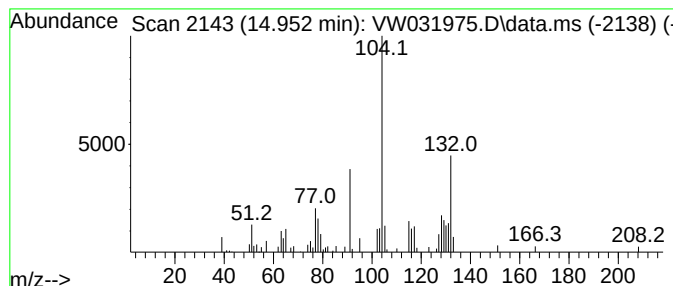
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	17.58 ug/l	27099	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			2-Methyl-6-phenyl-5,6-dihydro-4H...	175	C11H13NO	013157-53-4	43
3			4-(2-Phenylethyl)-4H-1,2,4-triaz...	205	C10H11N3S	642462-38-2	35
4			Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	35
5			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

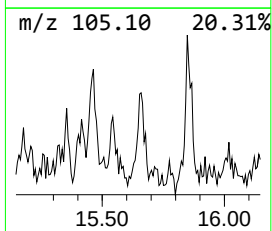
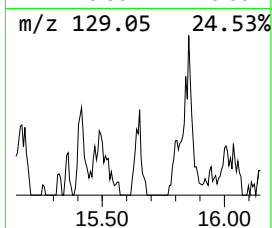
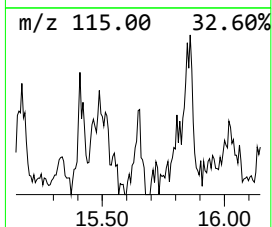
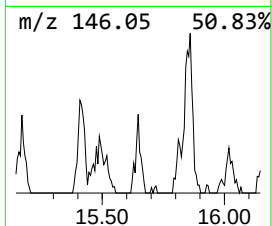
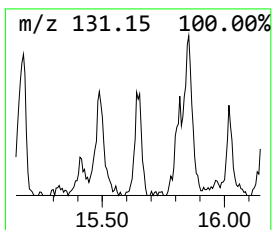
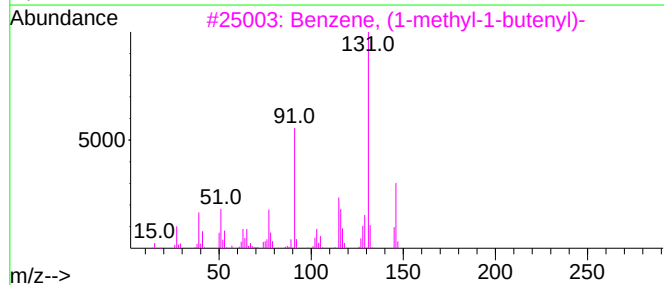
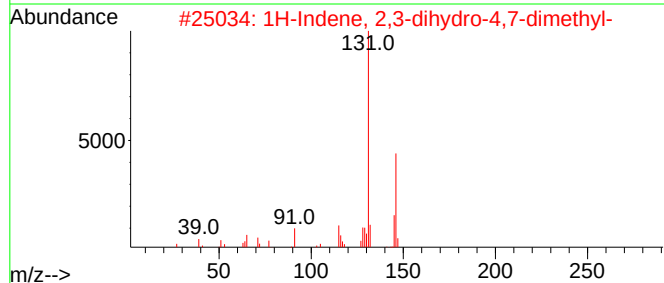
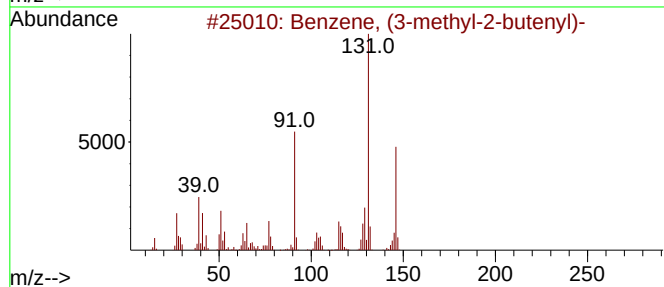
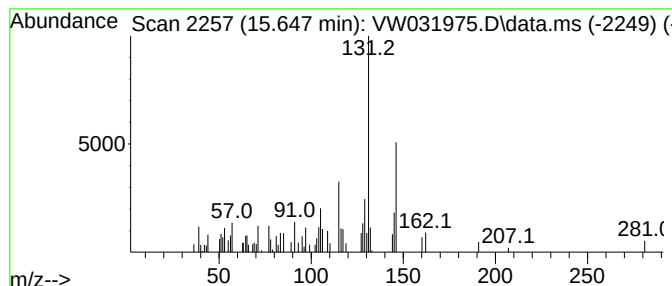
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	15.54 ug/l	23959	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

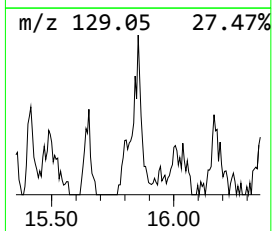
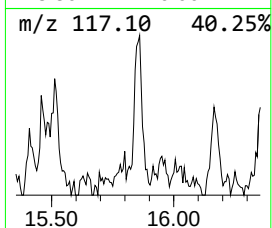
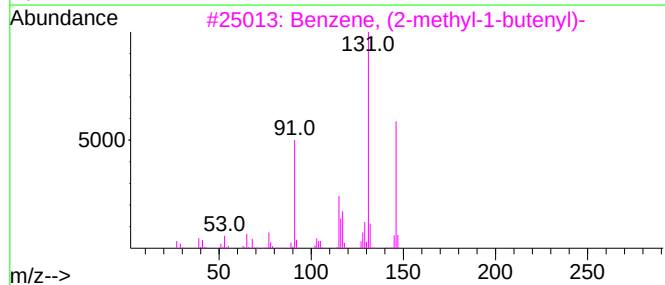
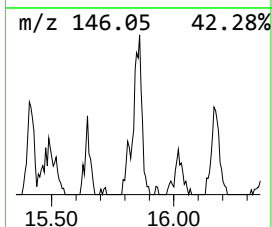
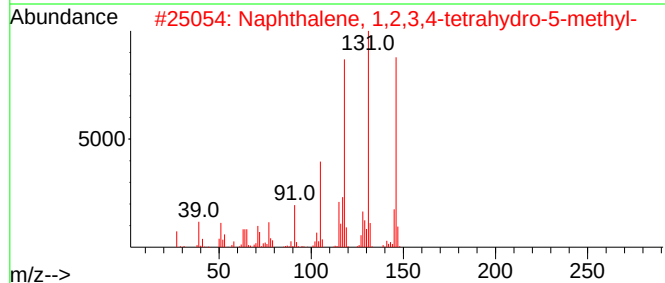
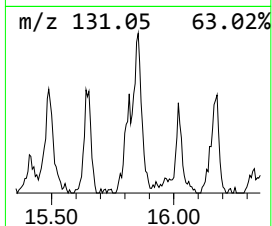
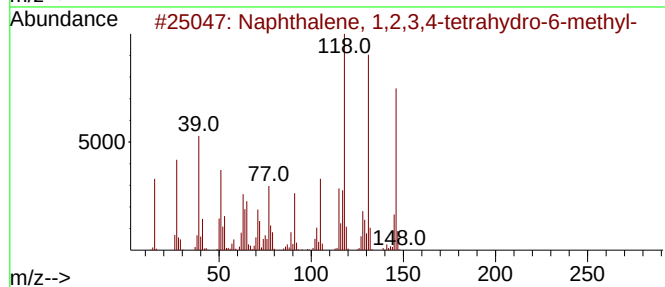
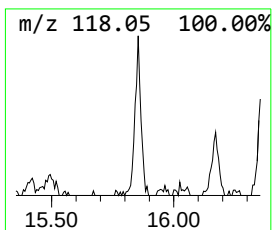
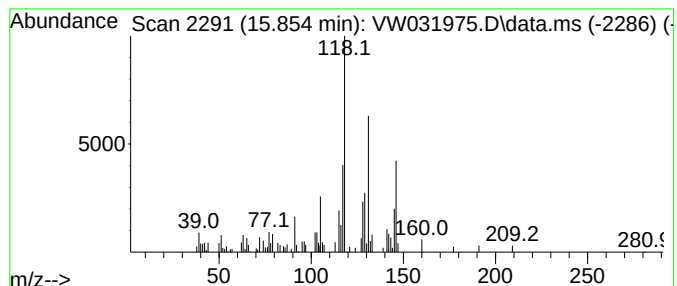
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown15.854 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.854	26.80 ug/l	41299	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38
5			Benzylcyclobutane	146	C11H14	005244-88-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

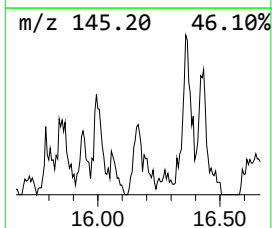
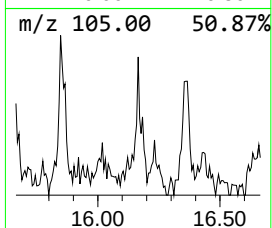
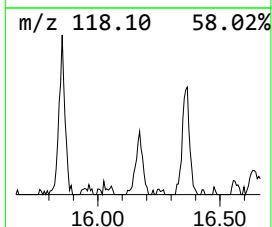
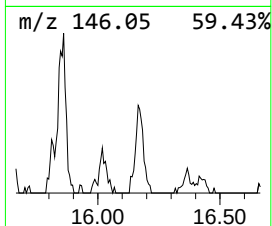
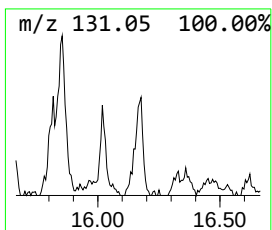
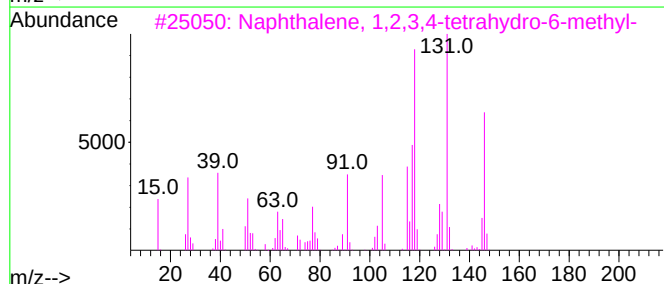
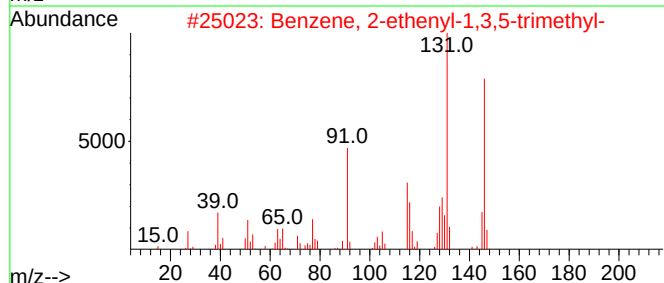
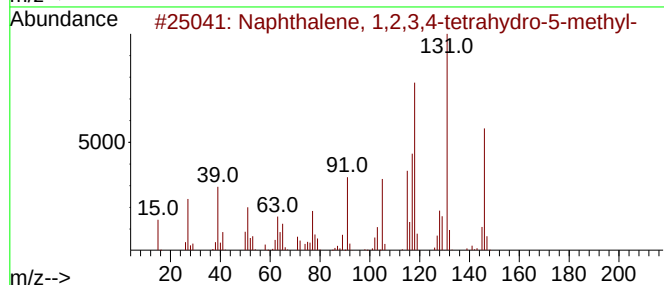
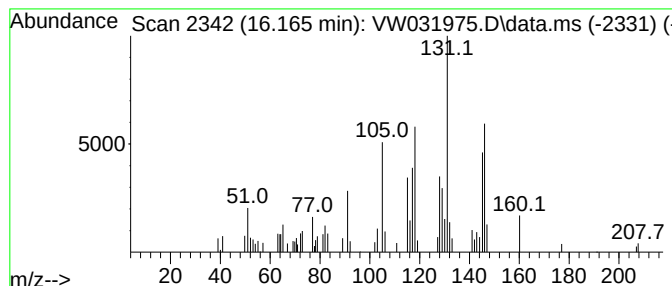
Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.165	23.21 ug/l	35779	1,4-Dichlorobenzene-d4			13.562
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	002809-64-5	76
2	Benzene, 2-ethenyl-1,3,5-trimethyl-		146	C11H14	000769-25-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001680-51-9	53
4	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	49
5	Cinnamaldehyde, .beta.-methyl-		146	C10H10O	001196-67-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

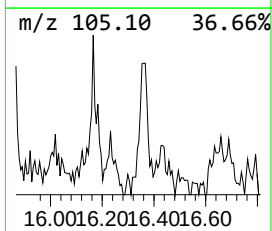
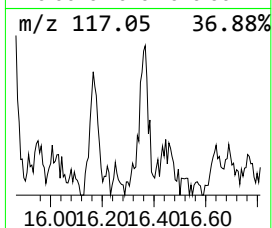
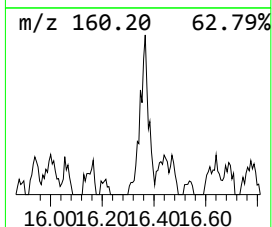
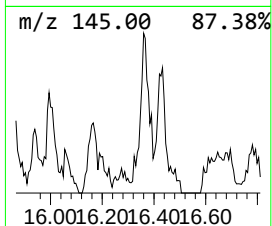
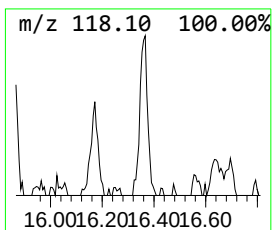
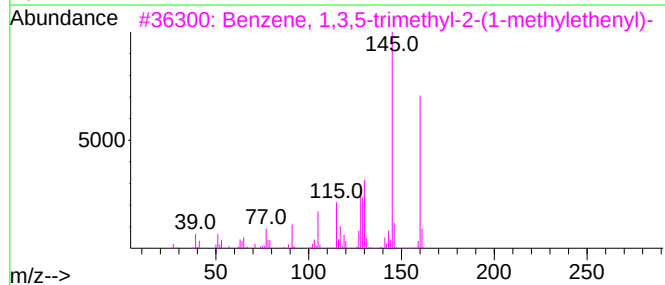
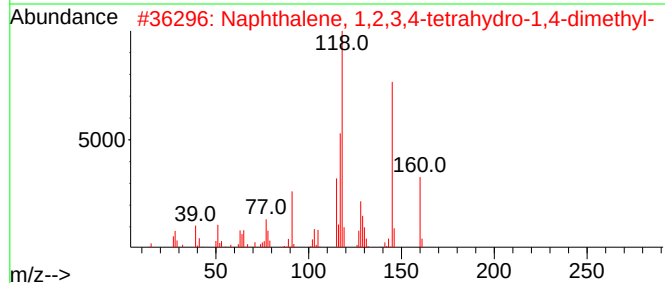
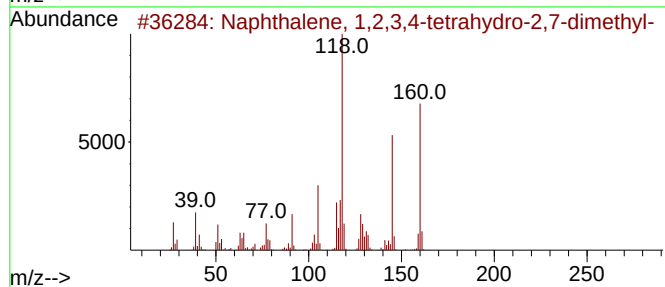
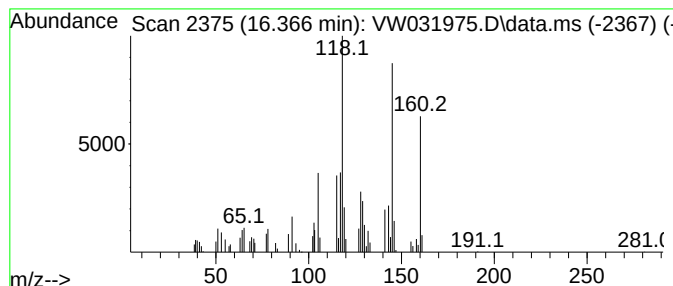
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.366	19.91 ug/l	30693	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	72
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.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
unknown13.440	13.440	16.5	ug/l	25376	4	13.562	77064	50.0
unknown13.873	13.873	37.3	ug/l	57440	4	13.562	77064	50.0
unknown14.202	14.202	18.6	ug/l	28682	4	13.562	77064	50.0
unknown14.714	14.714	21.8	ug/l	33538	4	13.562	77064	50.0
Benzene, 1-ethe...	14.799	37.5	ug/l	57804	4	13.562	77064	50.0
Naphthalene, 1,...	14.952	17.6	ug/l	27099	4	13.562	77064	50.0
Benzene, (3-met...	15.647	15.5	ug/l	23959	4	13.562	77064	50.0
unknown15.854	15.854	26.8	ug/l	41299	4	13.562	77064	50.0
Naphthalene, 1,...	16.165	23.2	ug/l	35779	4	13.562	77064	50.0
Naphthalene, 1,...	16.366	19.9	ug/l	30693	4	13.562	77064	50.0