

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022662.D
 Acq On : 11 Jun 2025 14:21
 Operator : SY/MD
 Sample : Q2286-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0082-LAW-250083

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_Y\methods\82Y060225S.M
 Title : SW846 8260

Signal : TIC: VY022662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	67	73	88	rBV	891515	1421755	6.95%	3.913%
2	3.866	342	352	369	rBV	209843	576580	2.82%	1.587%
3	4.098	379	390	408	rBV	394768	1071662	5.24%	2.949%
4	4.854	499	514	535	rVB2	52409	208018	1.02%	0.572%
5	6.610	787	802	813	rBV2	86097	285245	1.39%	0.785%
6	7.634	960	970	975	rBV	157969	383756	1.88%	1.056%
7	7.707	975	982	992	rVB	263172	607753	2.97%	1.672%
8	8.061	1029	1040	1050	rBV	155245	358508	1.75%	0.987%
9	8.610	1123	1130	1140	rBV	436952	853946	4.17%	2.350%
10	10.103	1367	1375	1381	rBV	656267	1121251	5.48%	3.086%
11	10.207	1388	1392	1399	rVB	151459	256929	1.26%	0.707%
12	11.414	1584	1590	1596	rBV	489224	769110	3.76%	2.117%
13	11.621	1618	1624	1635	rVB	201306	435937	2.13%	1.200%
14	12.402	1747	1752	1758	rBV	235787	367783	1.80%	1.012%
15	12.505	1764	1769	1776	rVB	190509	288854	1.41%	0.795%
16	12.731	1802	1806	1814	rVB2	187053	288157	1.41%	0.793%
17	13.042	1852	1857	1862	rBV	172743	247915	1.21%	0.682%
18	13.261	1887	1893	1896	rBV	169979	284378	1.39%	0.783%
19	13.346	1902	1907	1910	rBV	140177	228885	1.12%	0.630%
20	13.542	1934	1939	1953	rVB	588643	1036424	5.07%	2.852%
21	13.724	1964	1969	1975	rVB	235845	352073	1.72%	0.969%
22	14.176	2038	2043	2053	rBV7	98957	316859	1.55%	0.872%
23	14.602	2106	2113	2117	rBV5	109652	242383	1.19%	0.667%
24	15.139	2194	2201	2212	rBV	14270524	20454053	100.00%	56.288%
25	15.236	2213	2217	2231	rVB	282024	772620	3.78%	2.126%
26	16.175	2364	2371	2384	rVB	918556	1776899	8.69%	4.890%
27	16.364	2395	2402	2415	rVV2	447987	1089812	5.33%	2.999%
28	16.468	2417	2419	2435	rVB10	72596	240681	1.18%	0.662%

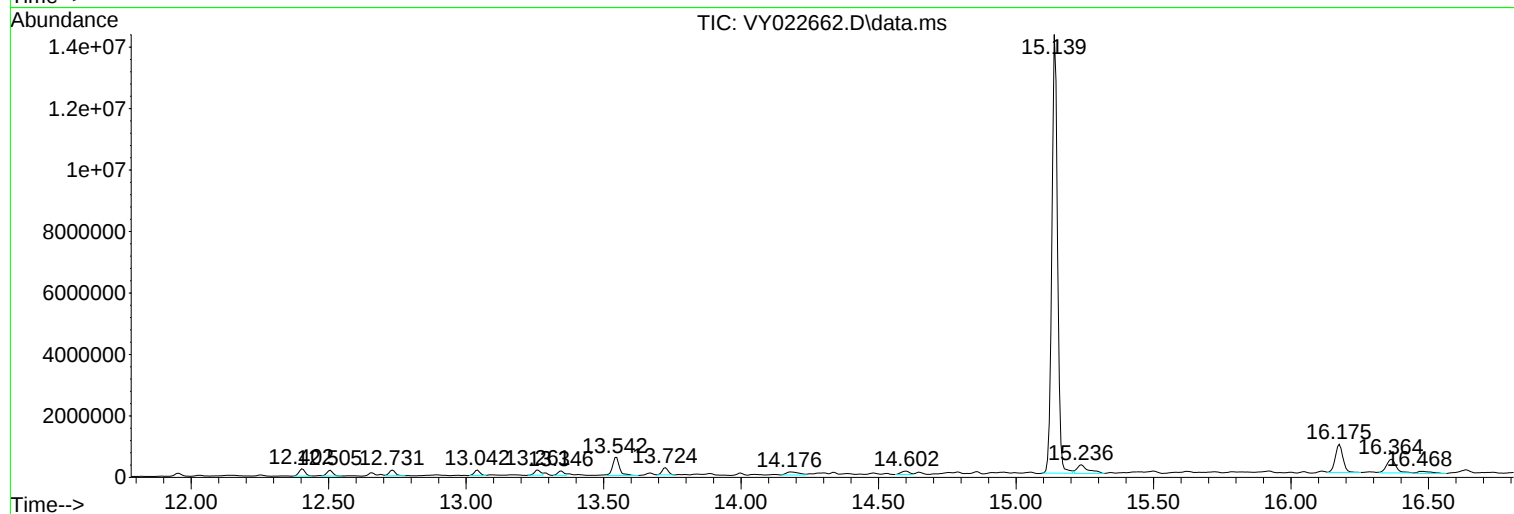
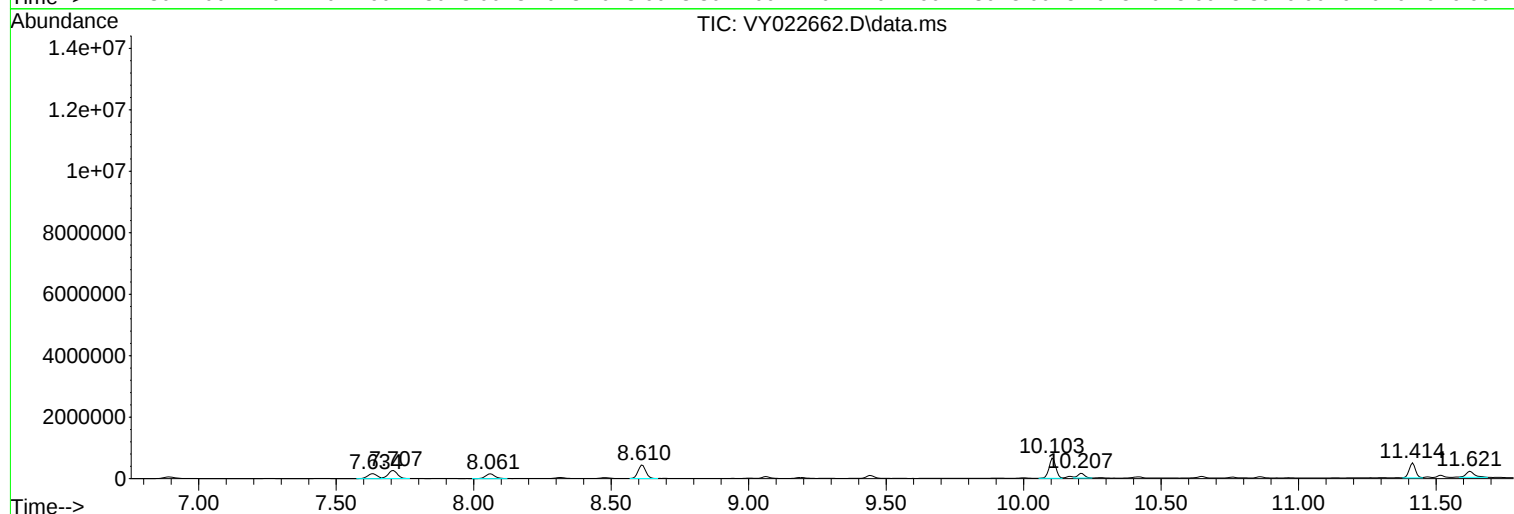
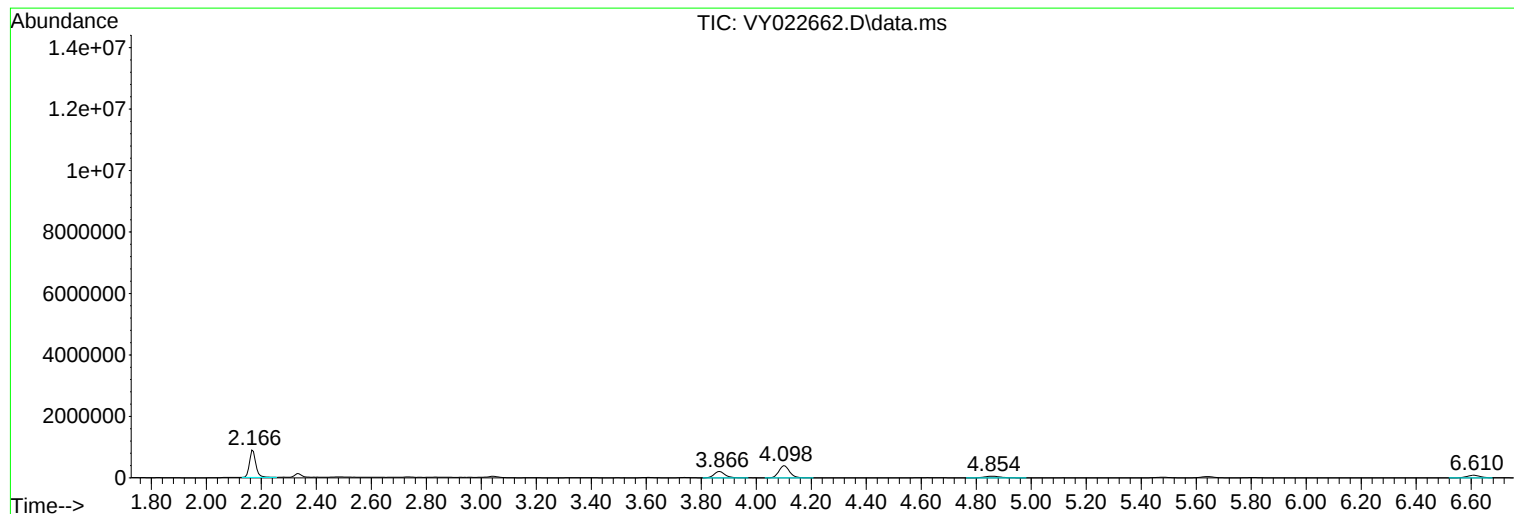
Sum of corrected areas: 36338226

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

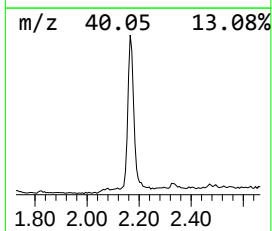
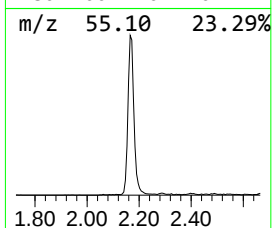
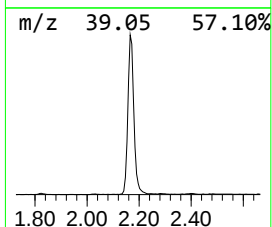
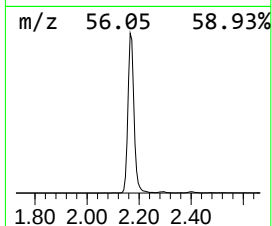
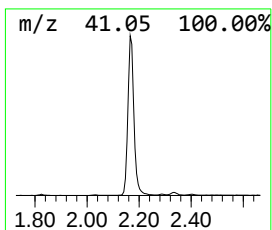
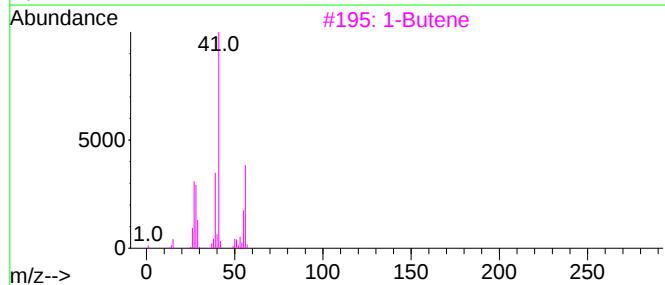
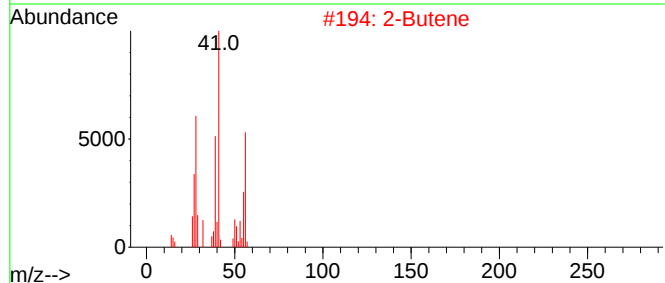
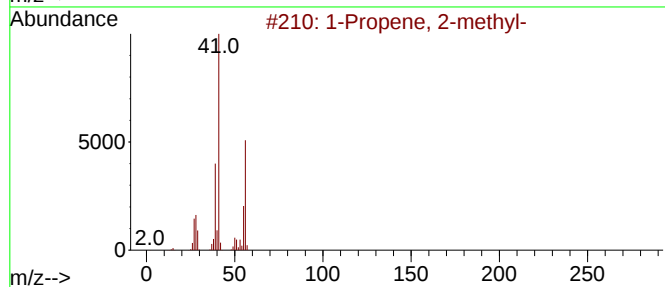
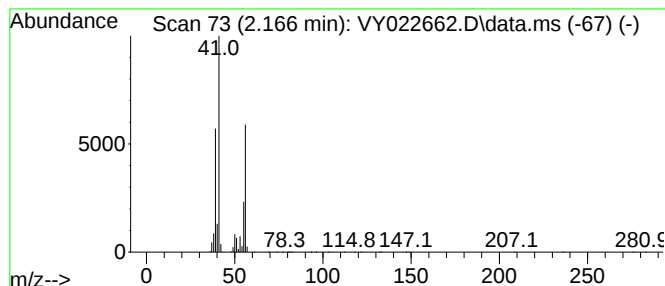
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.166	116.97 ug/l	1421760	Pentafluorobenzene	7.707

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2		2-Butene	56	C4H8	000107-01-7	80
3		1-Butene	56	C4H8	000106-98-9	49
4		Cyclobutane	56	C4H8	000287-23-0	49
5		2-Butene, (E)-	56	C4H8	000624-64-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

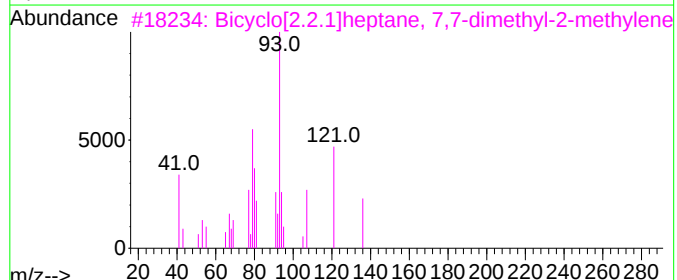
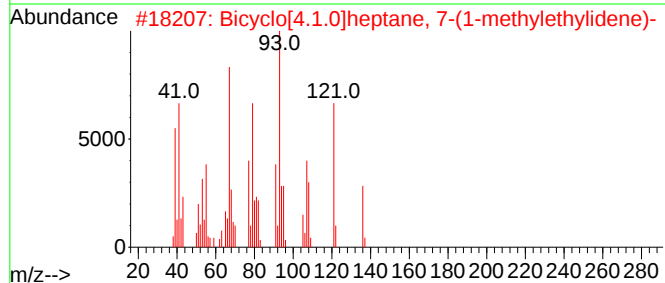
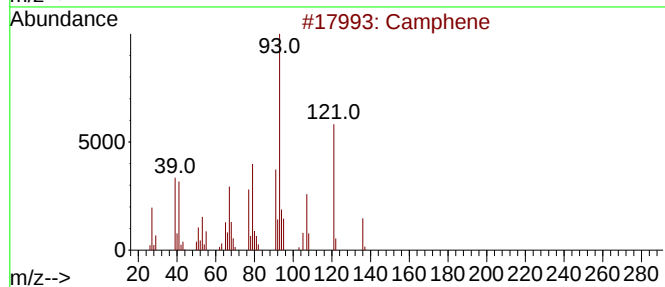
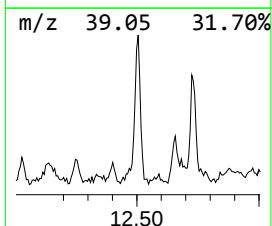
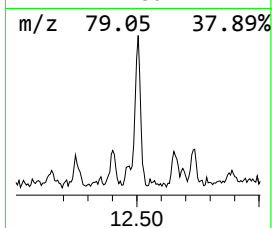
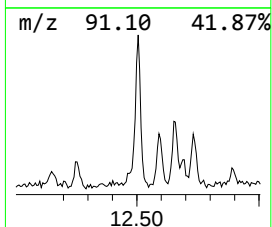
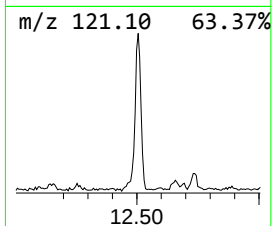
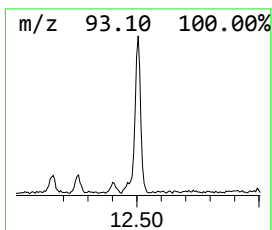
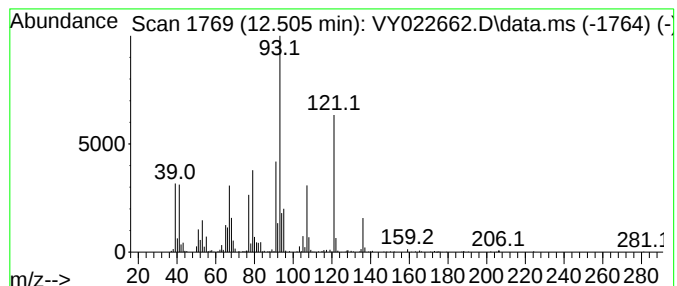
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 2 Camphene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.505	63.10 ug/l	288854	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	94
2			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	81
3			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	74
4			.beta.-Pinene	136	C10H16	000127-91-3	72
5			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

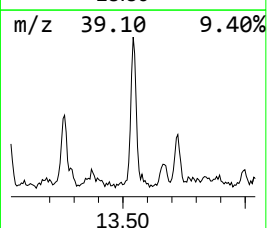
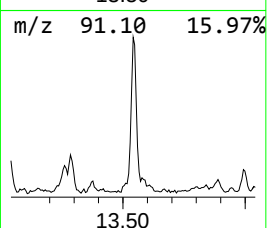
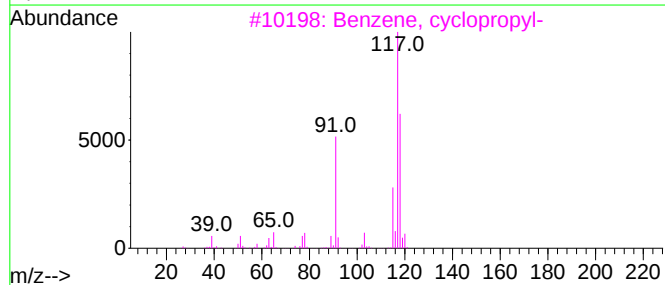
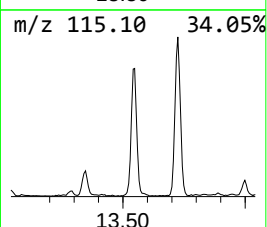
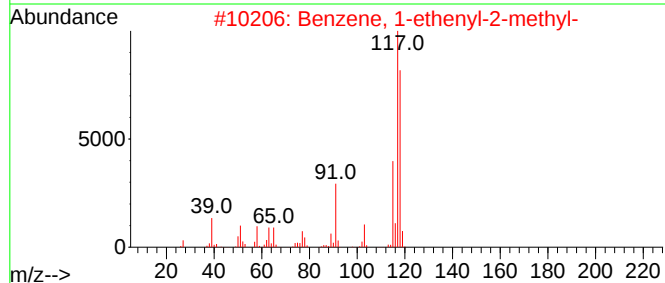
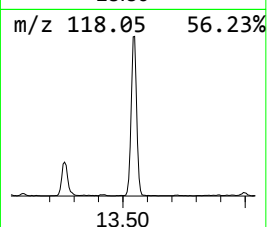
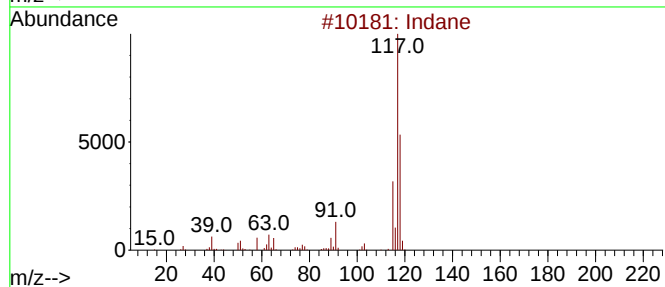
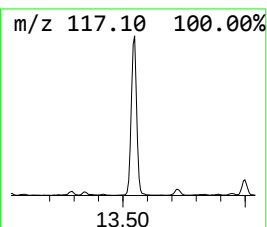
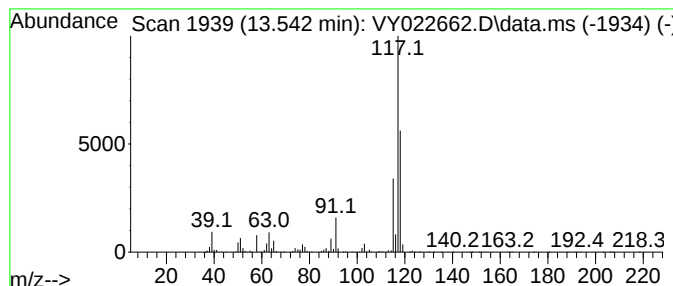
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	226.41 ug/l	1036420	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

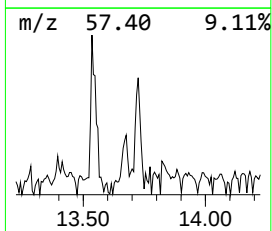
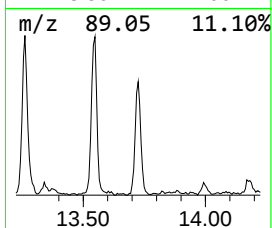
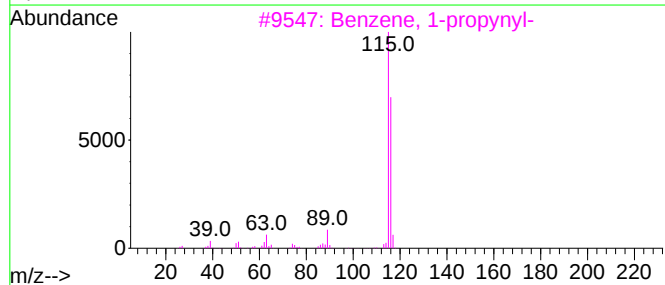
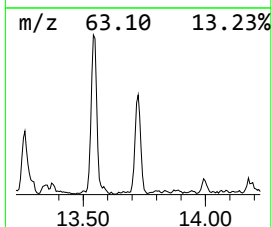
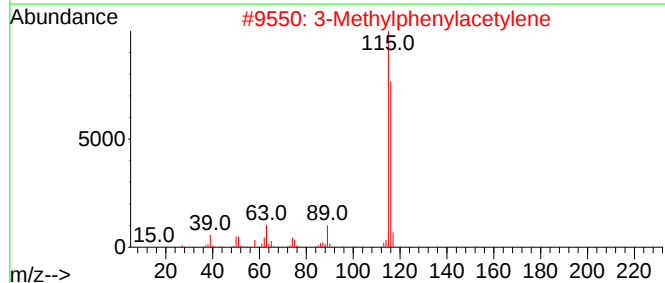
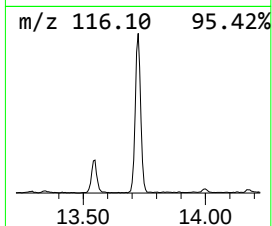
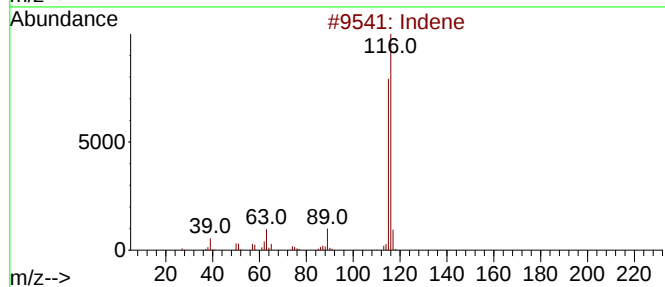
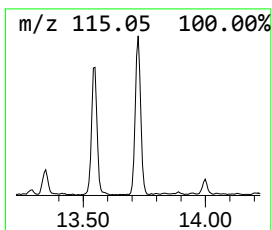
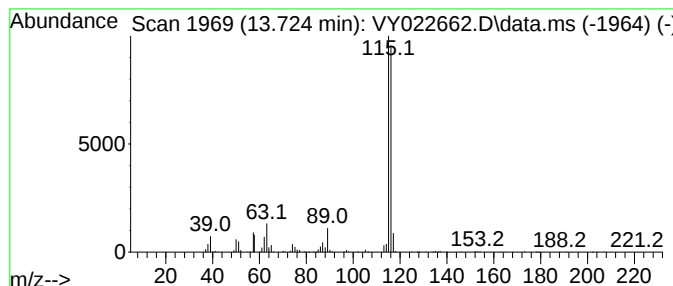
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 4 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	76.91 ug/l	352073	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

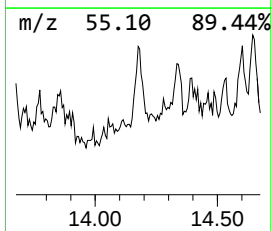
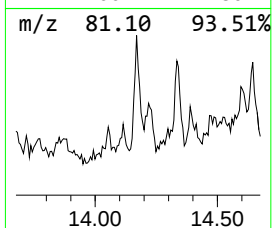
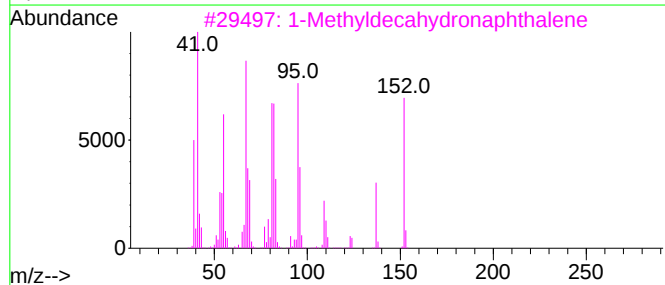
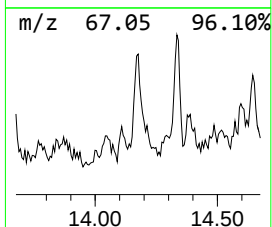
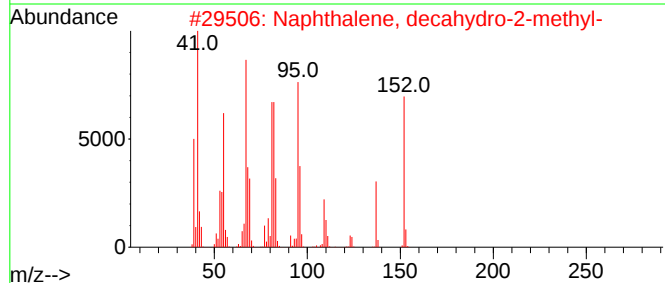
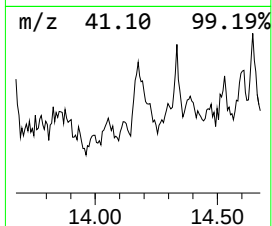
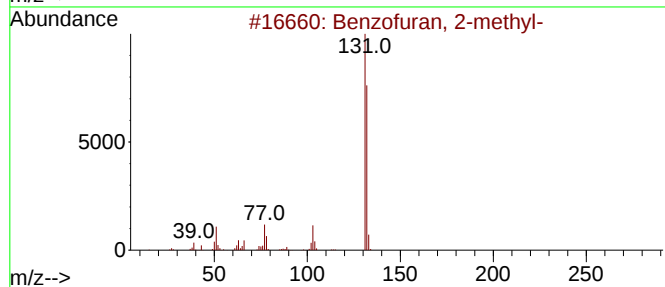
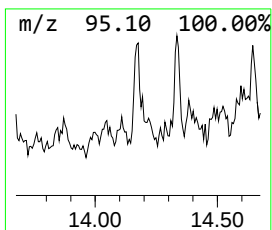
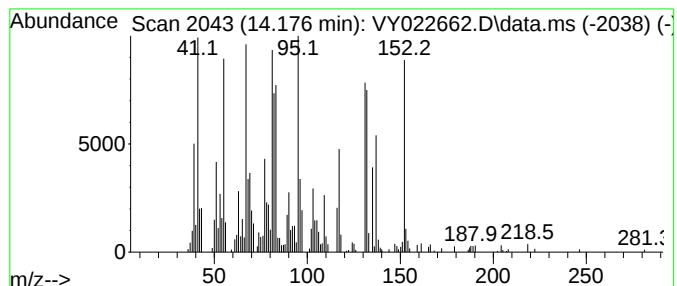
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.176 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	69.22 ug/l	316859	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	44
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	42
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	41
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

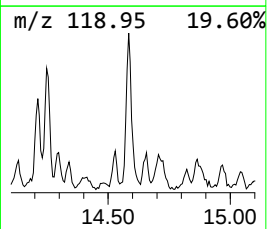
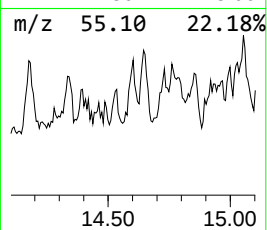
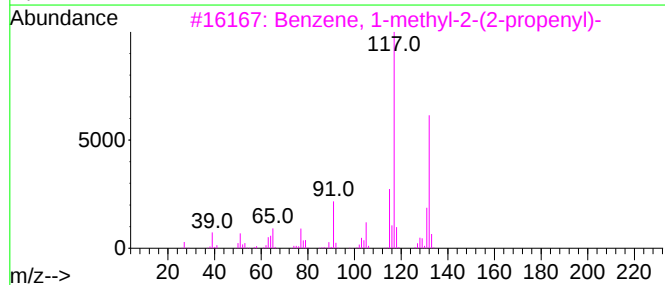
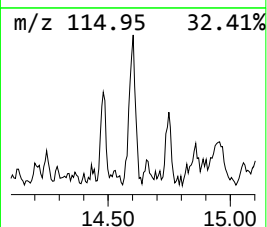
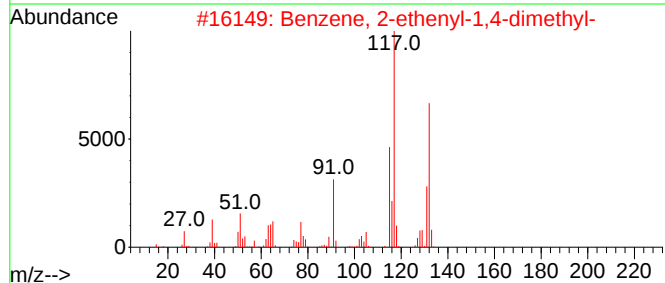
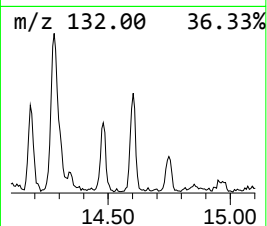
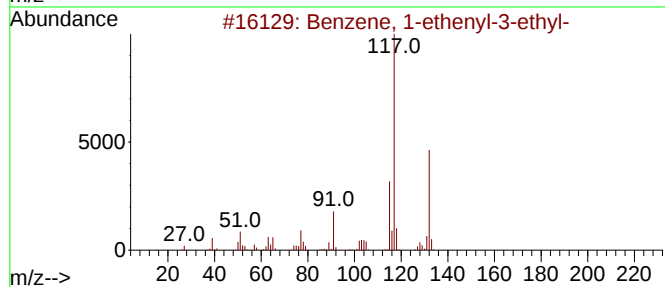
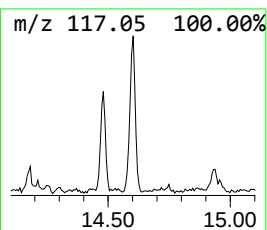
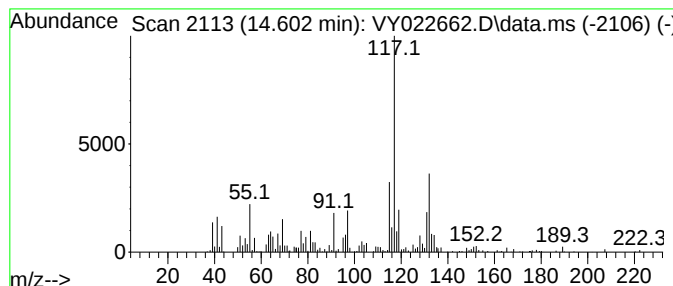
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	52.95 ug/l	242383	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

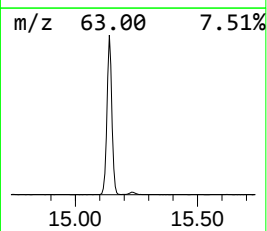
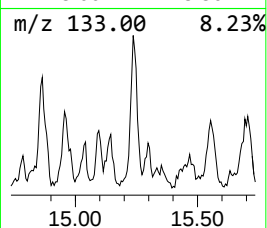
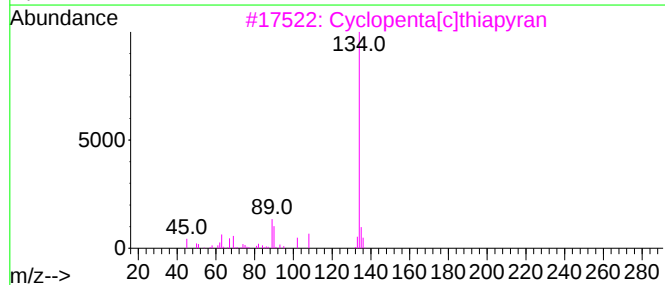
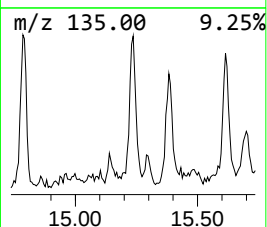
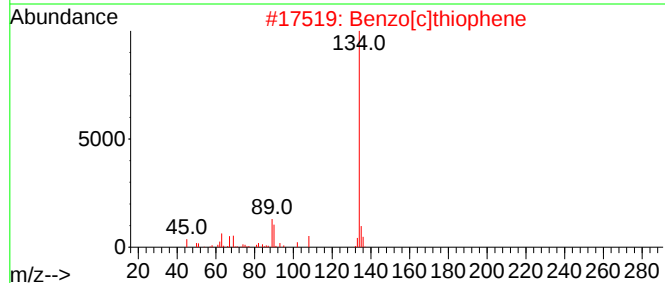
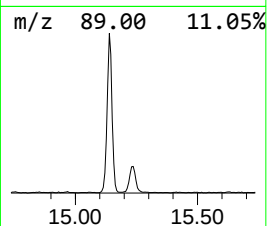
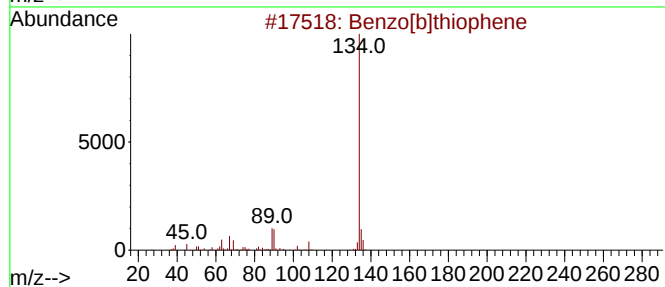
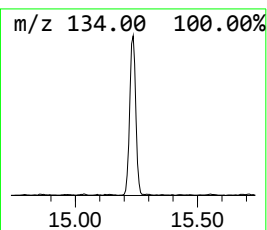
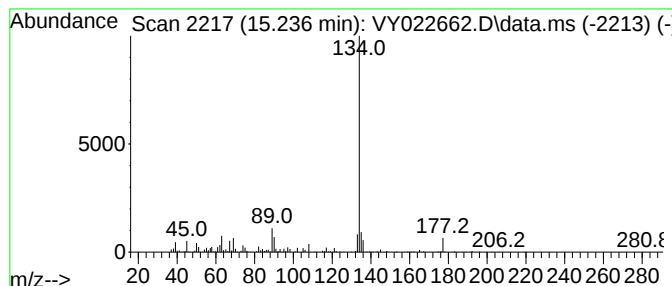
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.236	168.78 ug/l	772620	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2			Benzo[c]thiophene	134	C8H6S	000270-82-6	90
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83
4			[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5			1-Phenyl-2-acetoxy-prop-1-en	176	C11H12O2	024175-87-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

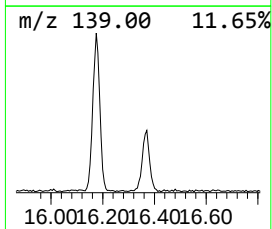
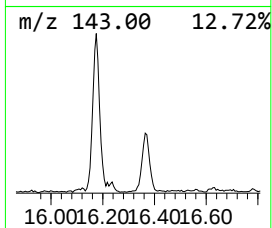
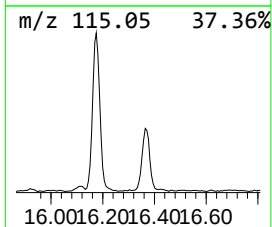
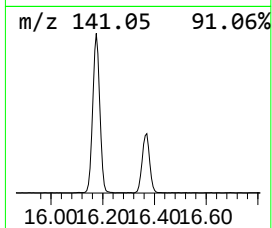
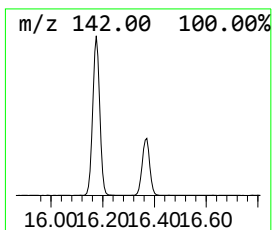
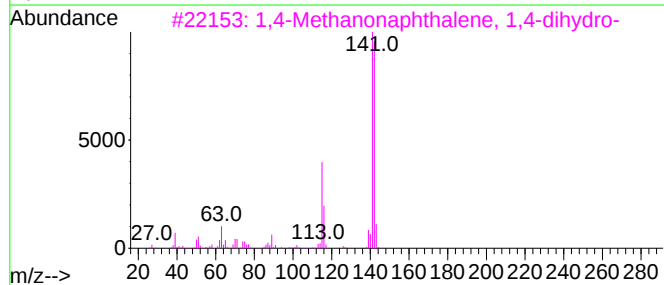
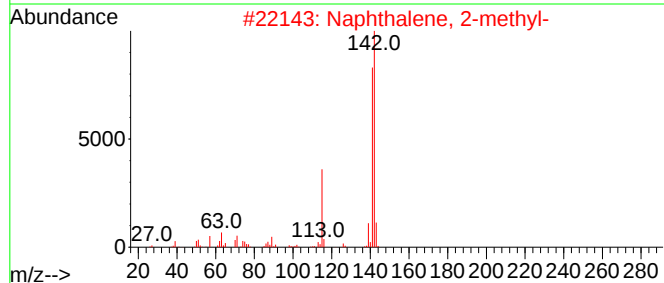
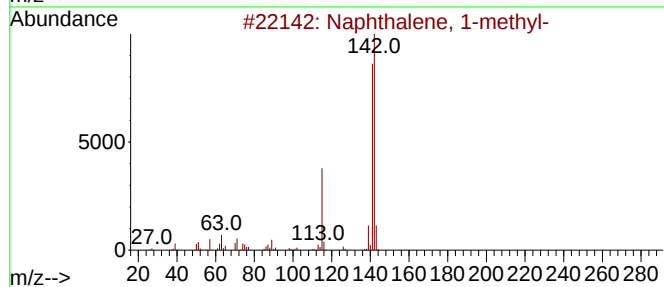
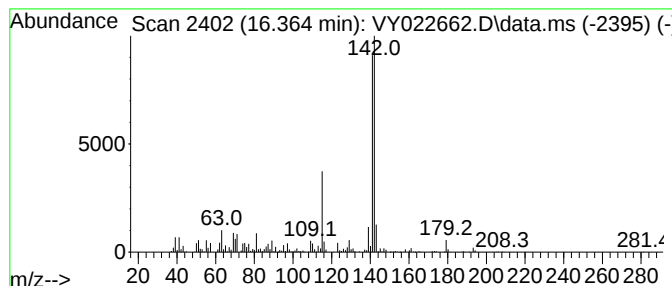
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	238.07 ug/l	1089810	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022662.D
Acq On : 11 Jun 2025 14:21
Operator : SY/MD
Sample : Q2286-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.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
1-Propene, 2-me...	2.166	117.0	ug/l	1421760	1	7.707	607753	50.0
Camphene	12.505	63.1	ug/l	288854	4	13.347	228885	50.0
Indane	13.542	226.4	ug/l	1036420	4	13.347	228885	50.0
Indene	13.724	76.9	ug/l	352073	4	13.347	228885	50.0
unknown14.176	14.176	69.2	ug/l	316859	4	13.347	228885	50.0
Benzene, 1-ethe...	14.602	53.0	ug/l	242383	4	13.347	228885	50.0
Benzo[b]thiophene	15.236	168.8	ug/l	772620	4	13.347	228885	50.0
Naphthalene, 1-...	16.364	238.1	ug/l	1089810	4	13.347	228885	50.0