

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011340.D
 Acq On : 07 Nov 2022 17:11
 Operator : KP/MD
 Sample : N5378-01
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-20221028-5.0-6.0

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\82Y110122S.M
 Title : SW846 8260

Signal : TIC: VY011340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.186	378	388	405	rBV	41573	116339	1.41%	0.580%
2	7.710	956	966	972	rBV	219937	535311	6.48%	2.671%
3	7.783	972	978	997	rVB	336526	759292	9.19%	3.788%
4	8.136	1025	1036	1047	rBV	206875	458364	5.55%	2.287%
5	8.685	1117	1126	1142	rBV	521139	998465	12.08%	4.981%
6	10.179	1363	1371	1379	rBV	819667	1413613	17.11%	7.052%
7	10.715	1452	1459	1468	rVB	342917	566559	6.86%	2.827%
8	11.489	1578	1586	1596	rBV	611623	999562	12.10%	4.987%
9	11.703	1611	1621	1631	rBV3	27269	90396	1.09%	0.451%
10	12.026	1662	1674	1682	rBV2	42974	108299	1.31%	0.540%
11	12.477	1742	1748	1754	rBV	508770	796853	9.64%	3.975%
12	12.806	1798	1802	1808	rVB2	47517	87278	1.06%	0.435%
13	13.117	1848	1853	1858	rBV	65897	102487	1.24%	0.511%
14	13.367	1889	1894	1898	rBV	80991	115078	1.39%	0.574%
15	13.422	1898	1903	1913	rVB2	428702	742678	8.99%	3.705%
16	13.623	1927	1936	1941	rBV	515862	827566	10.01%	4.129%
17	13.745	1951	1956	1961	rBV4	54111	92770	1.12%	0.463%
18	13.971	1988	1993	1998	rVB2	94174	148539	1.80%	0.741%
19	14.074	2005	2010	2015	rVB	112937	178481	2.16%	0.890%
20	14.562	2086	2090	2095	rBV2	63884	104972	1.27%	0.524%
21	14.678	2102	2109	2115	rBV3	173688	377065	4.56%	1.881%
22	15.050	2165	2170	2180	rVB3	55112	129279	1.56%	0.645%
23	15.233	2190	2200	2207	rBV	5005020	8264241	100.00%	41.230%
24	15.330	2211	2216	2222	rVV2	86643	155649	1.88%	0.777%
25	16.287	2366	2373	2388	rVB	554906	1108446	13.41%	5.530%
26	16.482	2397	2405	2420	rVB	368896	766835	9.28%	3.826%

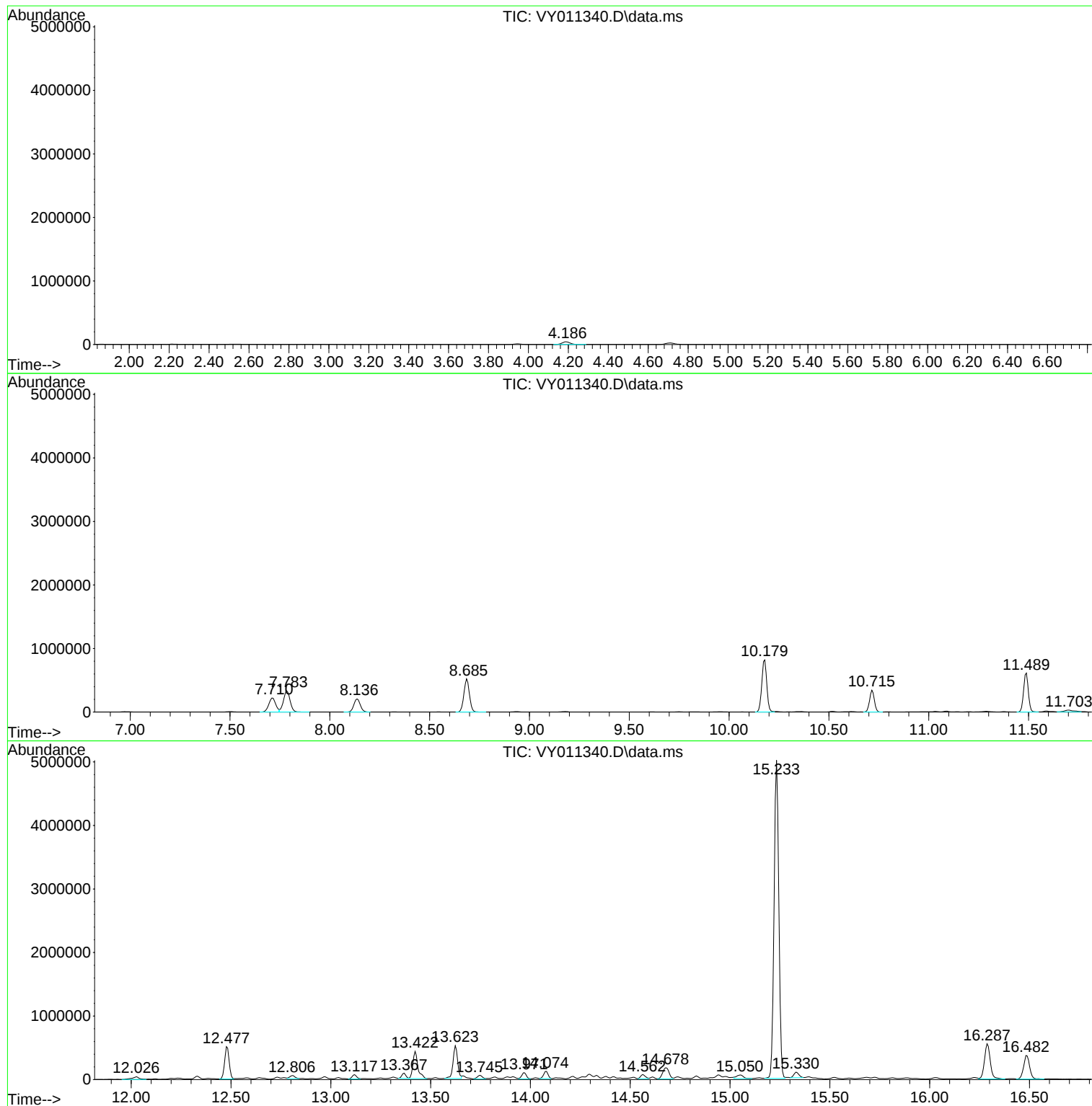
Sum of corrected areas: 20044417

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

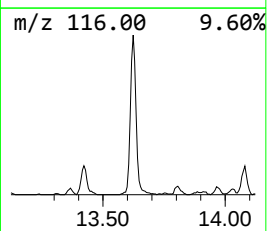
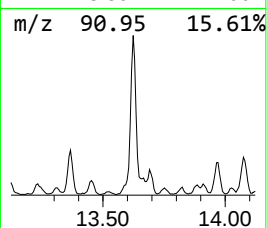
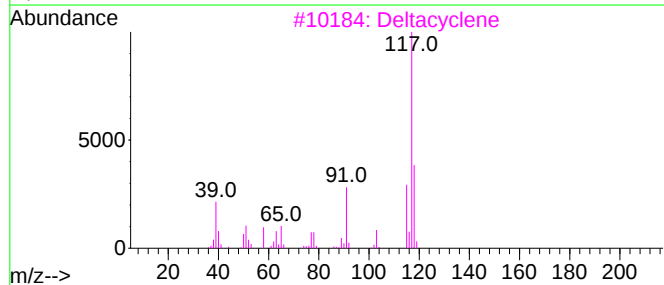
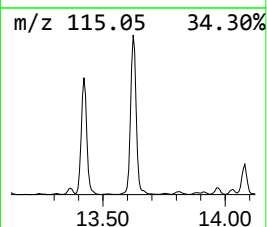
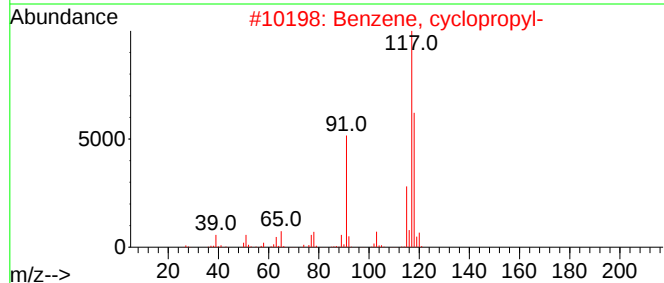
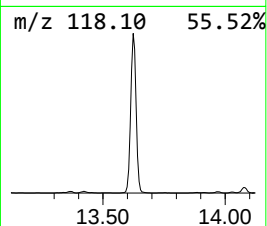
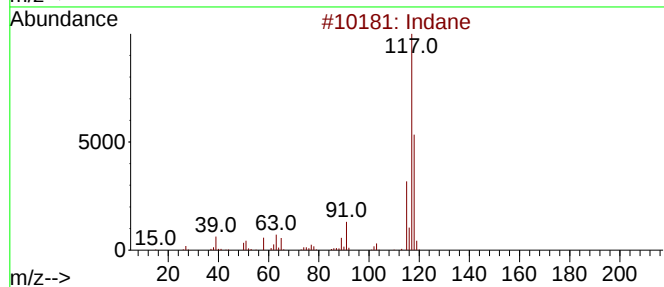
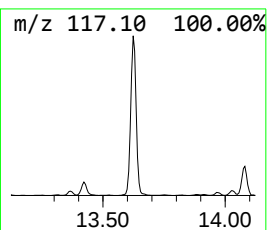
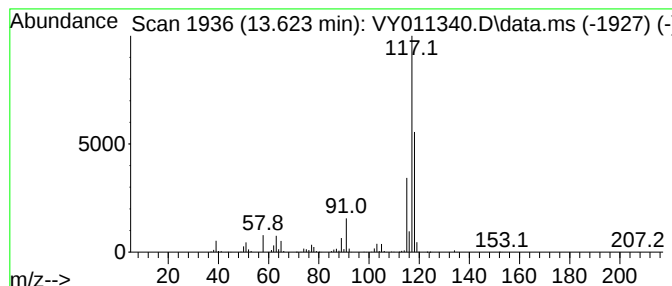
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	55.72 ug/l	827566	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

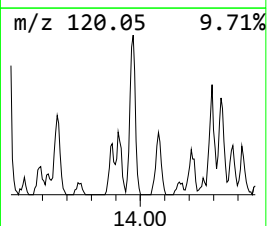
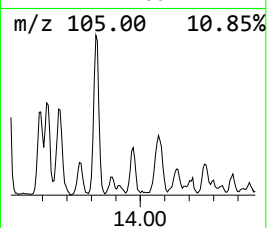
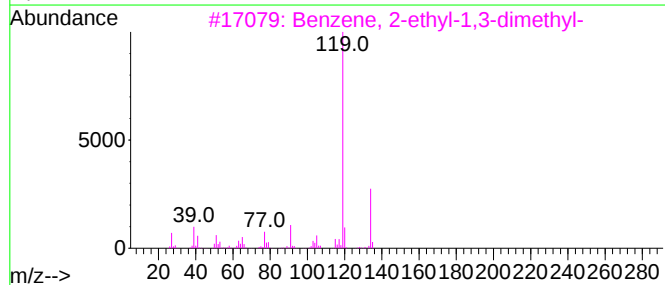
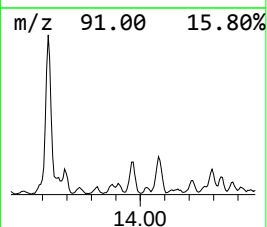
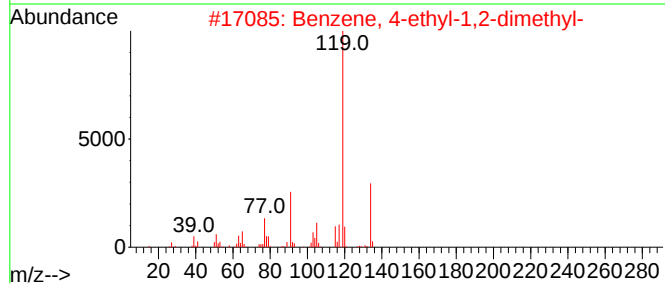
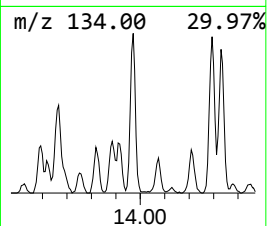
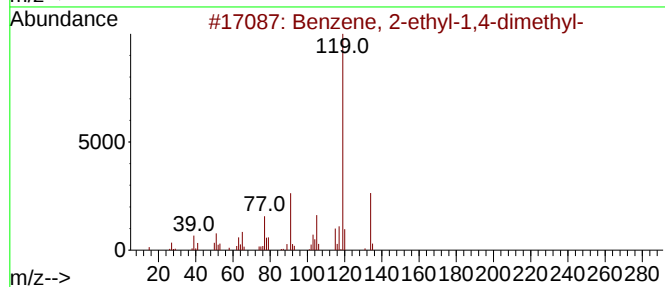
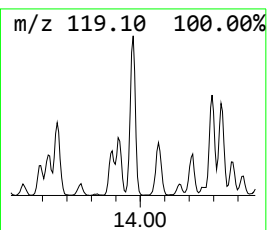
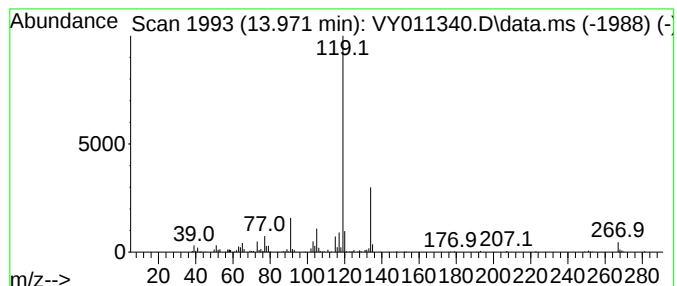
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	10.00 ug/l	148539	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

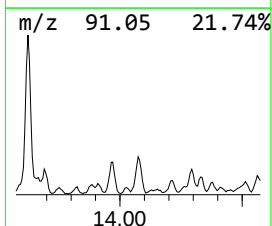
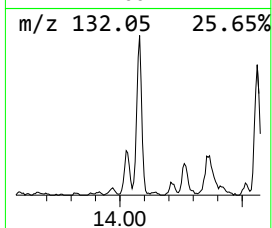
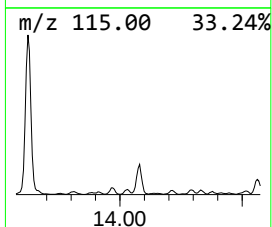
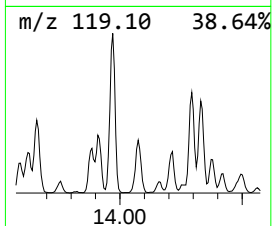
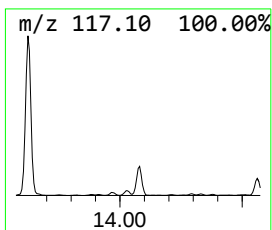
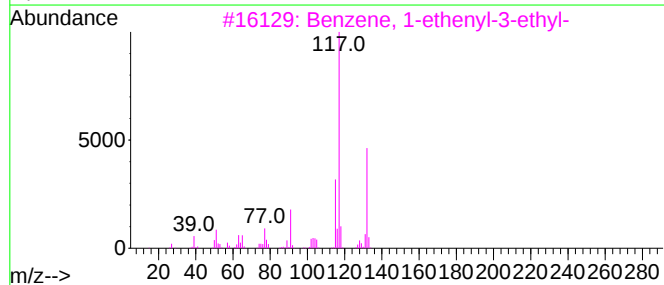
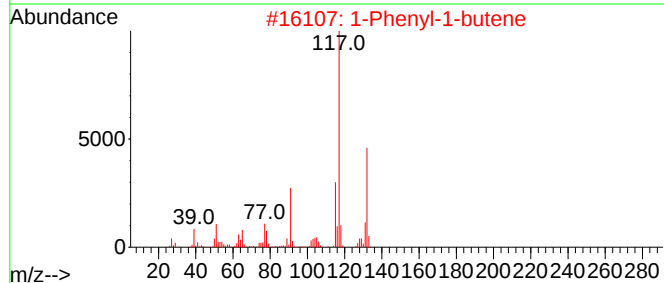
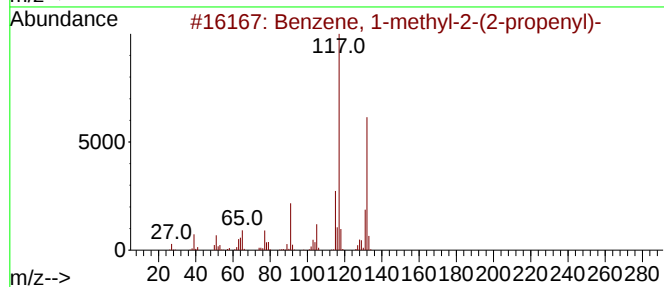
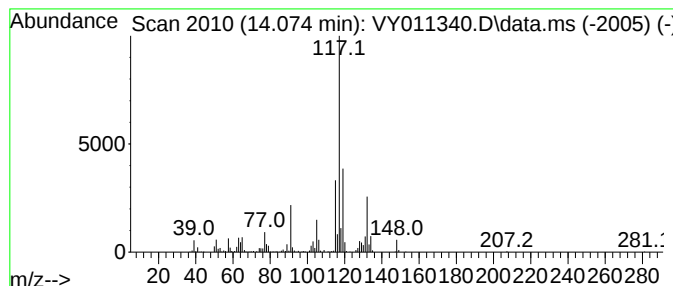
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	12.02 ug/l	178481	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	76
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

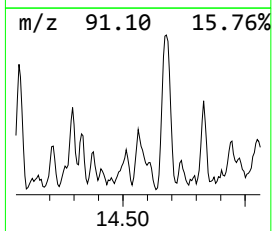
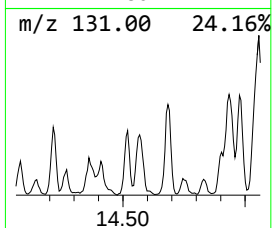
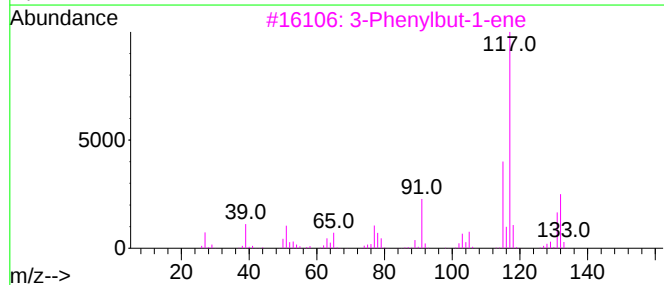
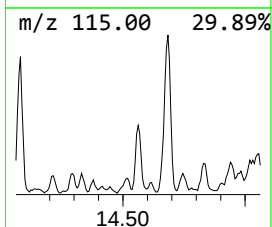
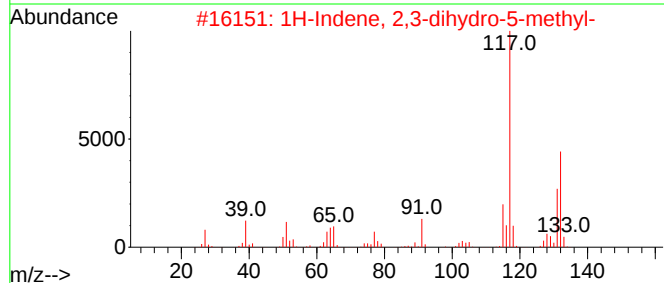
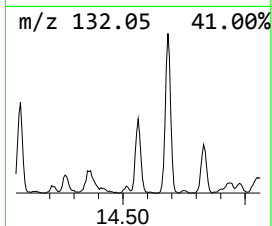
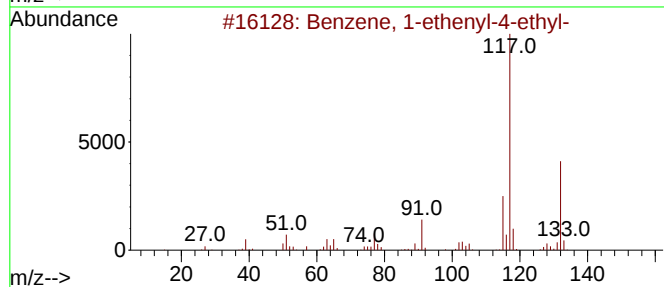
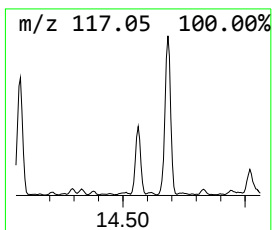
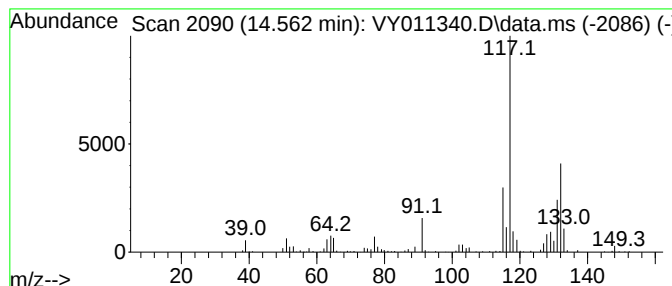
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	7.07 ug/l	104972	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

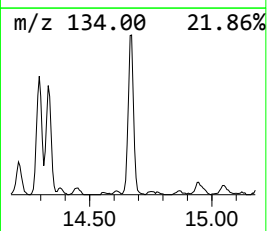
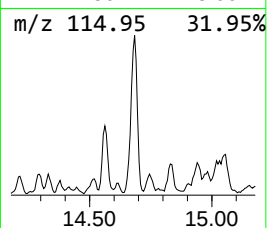
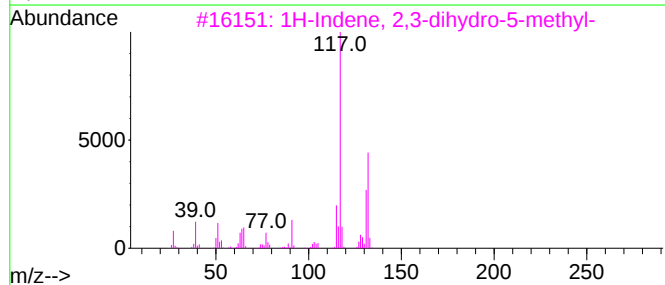
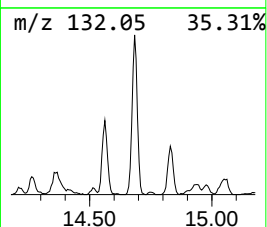
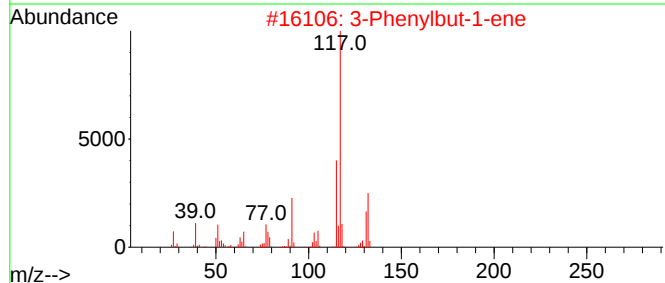
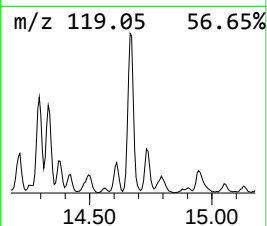
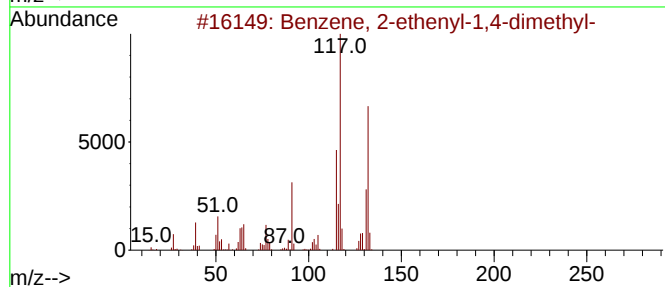
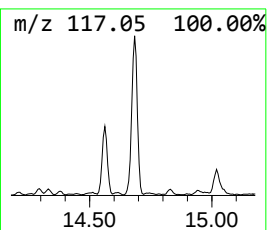
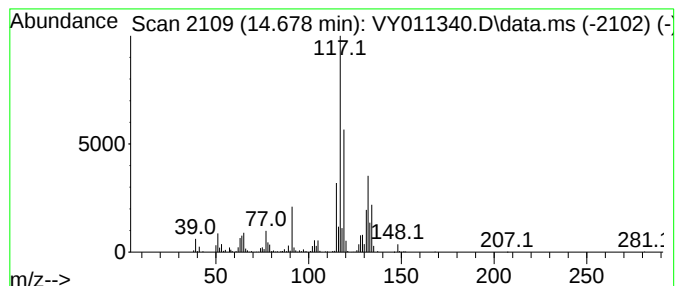
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	25.39 ug/l	377065	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

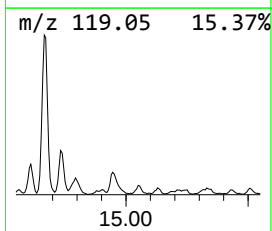
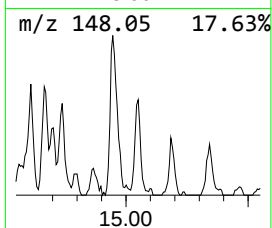
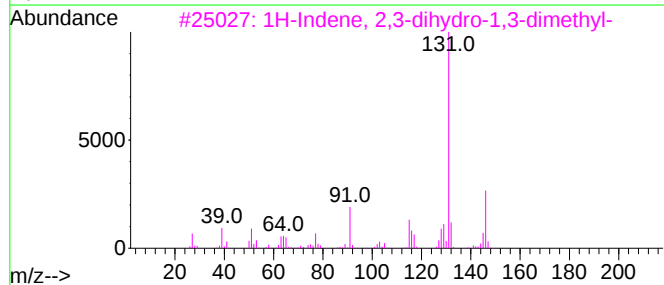
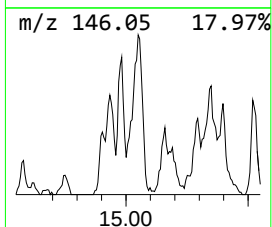
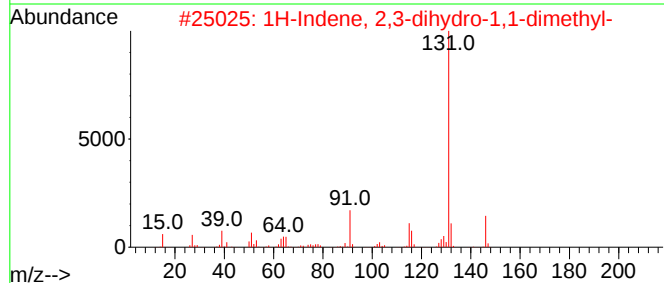
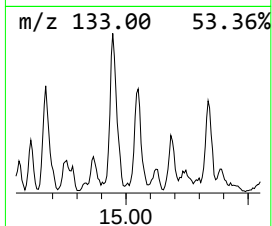
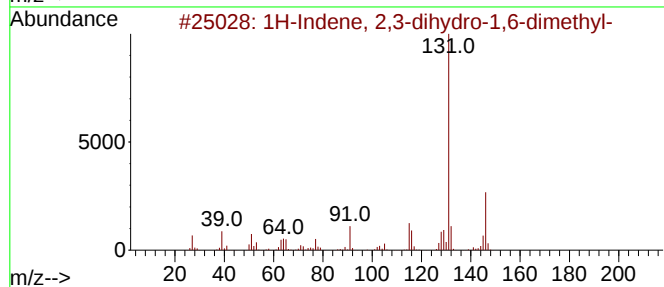
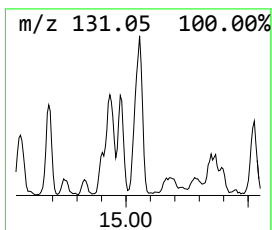
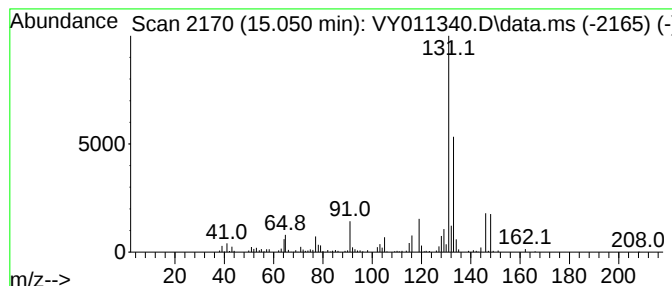
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	8.70 ug/l	129279	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

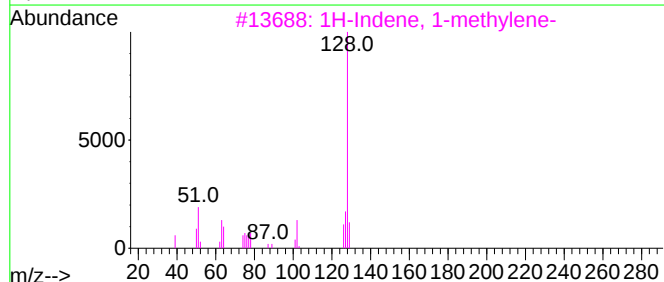
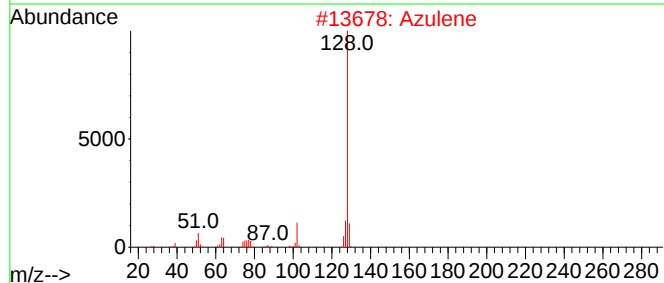
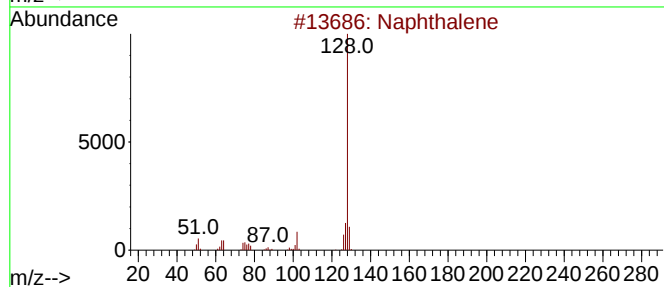
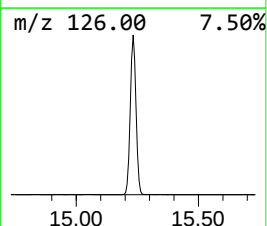
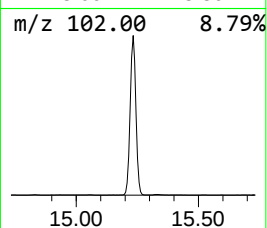
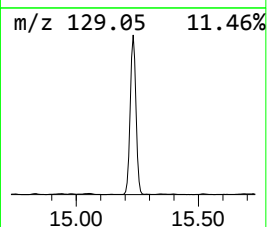
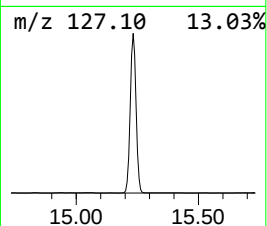
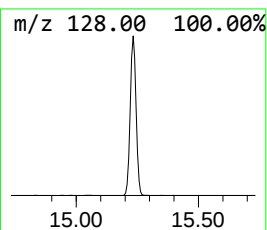
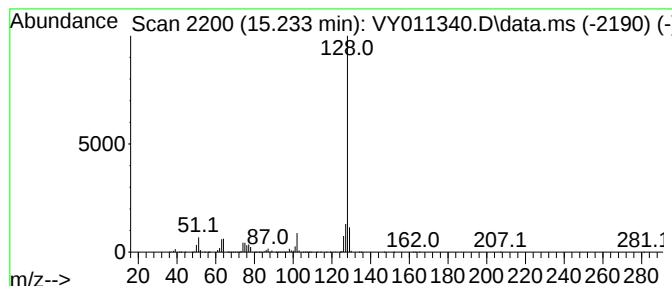
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	556.38 ug/l	8264240	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
5			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

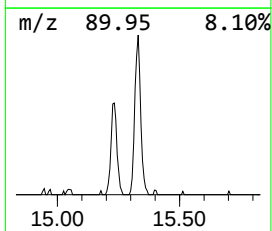
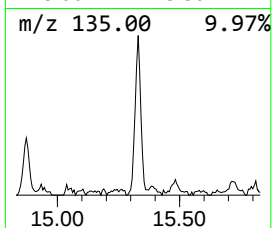
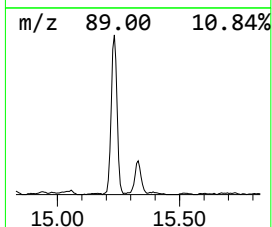
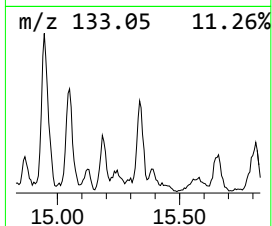
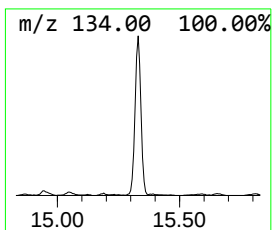
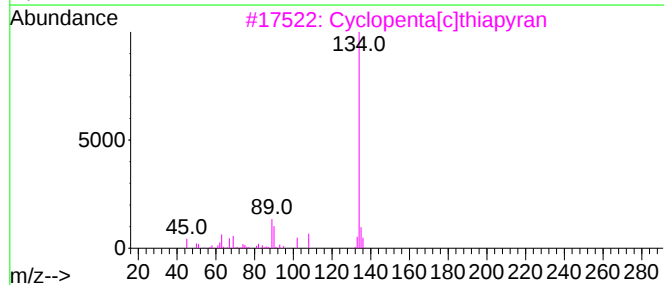
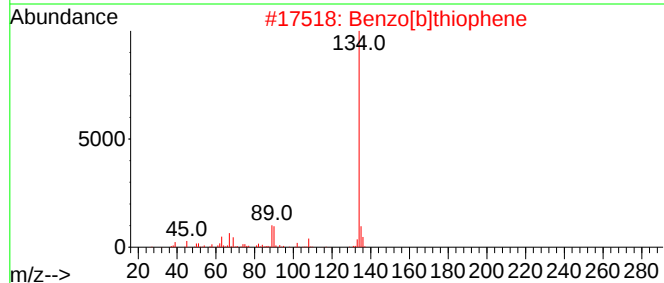
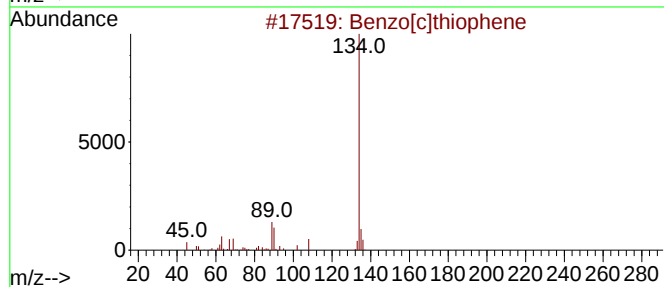
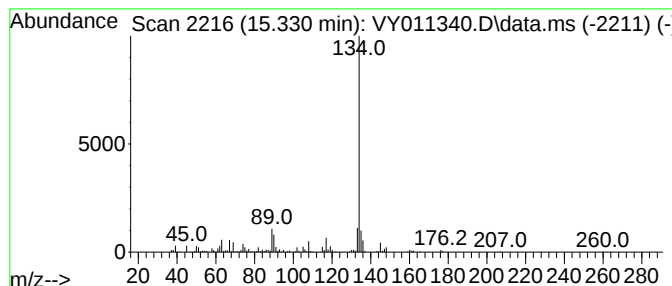
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	10.48 ug/l	155649	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	93
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
4			[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	56
5			1-(2,3-Dimethyl-phenyl)-3-methyl...	191	C13H21N	1000194-34-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

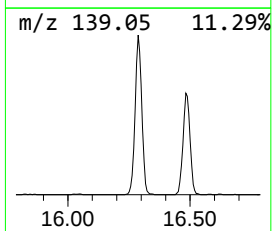
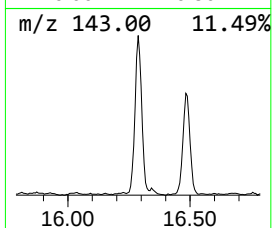
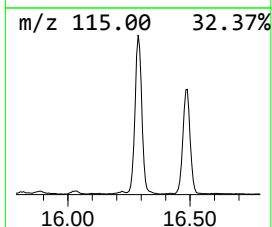
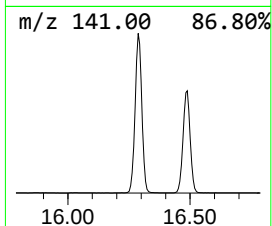
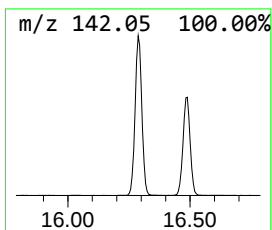
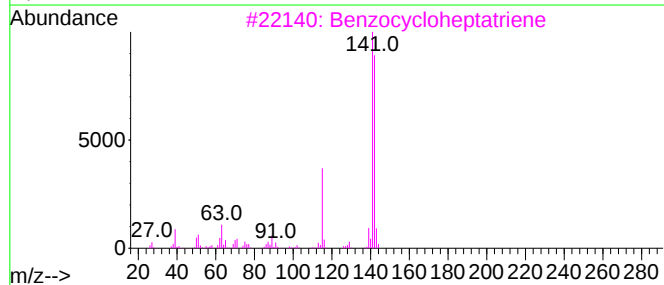
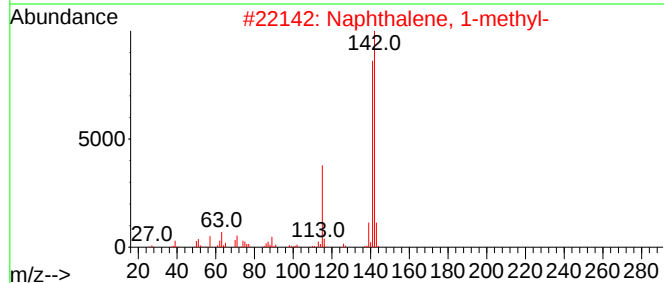
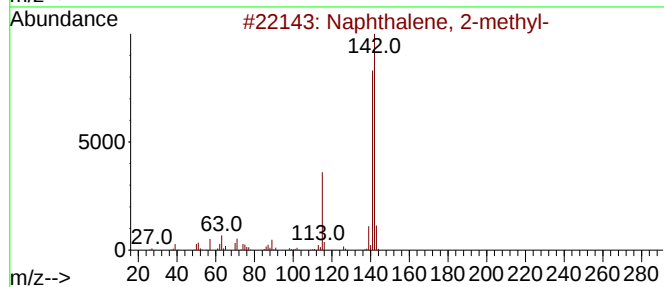
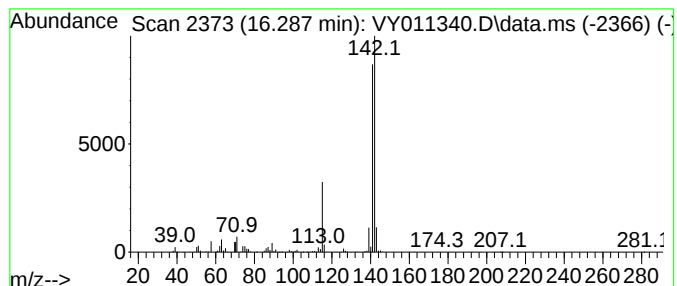
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	74.62 ug/l	1108450	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

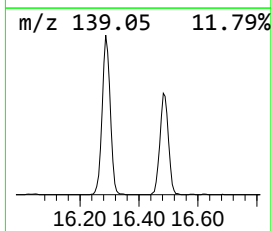
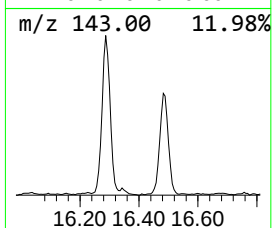
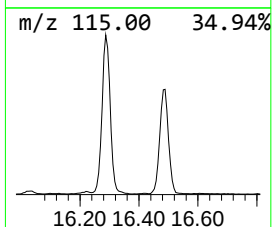
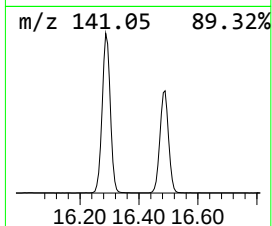
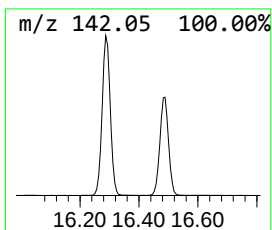
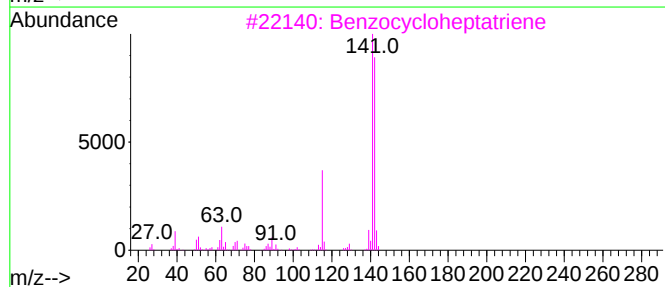
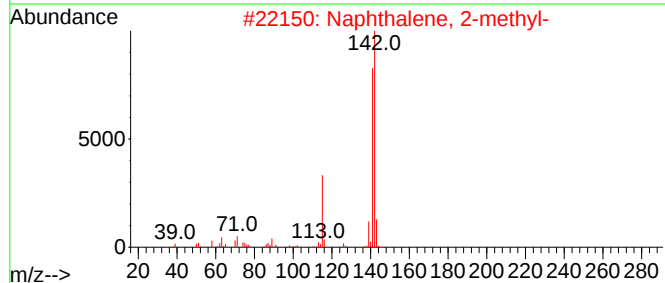
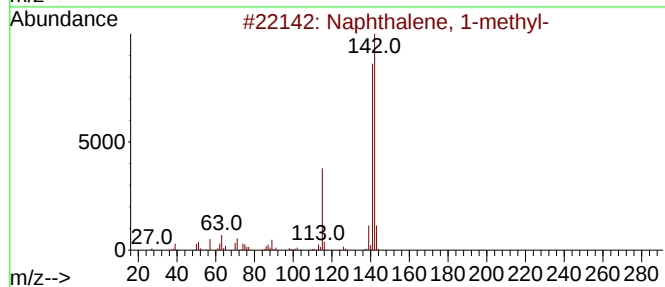
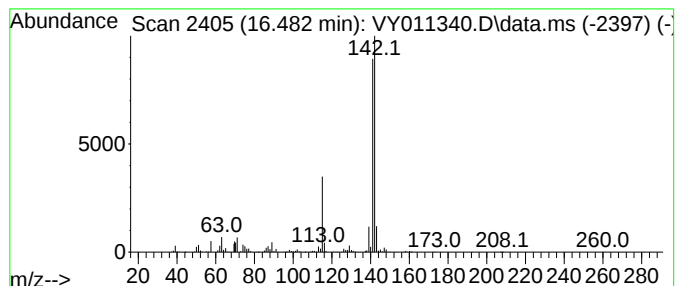
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	51.63 ug/l	766835	1,4-Dichlorobenzene-d4	13.422

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			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
Data File : VY011340.D
Acq On : 07 Nov 2022 17:11
Operator : KP/MD
Sample : N5378-01
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-5.0-6.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.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
Indane	13.623	55.7	ug/l	827566	4	13.422	742678	50.0
Benzene, 2-ethy...	13.971	10.0	ug/l	148539	4	13.422	742678	50.0
Benzene, 1-meth...	14.074	12.0	ug/l	178481	4	13.422	742678	50.0
Benzene, 1-ethe...	14.562	7.1	ug/l	104972	4	13.422	742678	50.0
Benzene, 2-ethe...	14.678	25.4	ug/l	377065	4	13.422	742678	50.0
1H-Indene, 2,3-...	15.050	8.7	ug/l	129279	4	13.422	742678	50.0
1H-Indene, 1-me...	15.233	556.4	ug/l	8264240	4	13.422	742678	50.0
Benzo[c]thiophene	15.330	10.5	ug/l	155649	4	13.422	742678	50.0
Benzocyclohepta...	16.287	74.6	ug/l	1108450	4	13.422	742678	50.0
1,4-Methanonaph...	16.482	51.6	ug/l	766835	4	13.422	742678	50.0