

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015902.D
 Acq On : 10 Oct 2023 17:15
 Operator : SY/MD
 Sample : 04817-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930

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\82Y100923S.M
 Title : SW846 8260

Signal : TIC: VY015902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.148	1031	1038	1048	rVB4	1458	2952	1.06%	0.327%
2	8.691	1119	1127	1136	rBV	2451	5113	1.84%	0.566%
3	10.185	1366	1372	1378	rBV	4747	8460	3.05%	0.937%
4	11.495	1582	1587	1593	rVB2	4977	8937	3.22%	0.990%
5	11.855	1639	1646	1650	rBV6	3476	10414	3.75%	1.153%
6	12.410	1720	1737	1738	rBV5	23005	84323	30.37%	9.336%
7	12.769	1792	1796	1798	rBV5	2759	4167	1.50%	0.461%
8	12.958	1807	1827	1841	rBV3	60096	277618	100.00%	30.738%
9	13.080	1841	1847	1850	rBV6	6144	13881	5.00%	1.537%
10	13.434	1901	1905	1909	rVB7	3214	5740	2.07%	0.636%
11	13.580	1918	1929	1935	rBV8	12493	48492	17.47%	5.369%
12	13.666	1936	1943	1956	rVB4	23140	83496	30.08%	9.245%
13	14.025	1993	2002	2014	rBV4	12941	44951	16.19%	4.977%
14	14.275	2032	2043	2056	rBV3	17447	72627	26.16%	8.041%
15	14.739	2103	2119	2130	rVB3	31558	110705	39.88%	12.257%
16	14.879	2130	2142	2144	rBV8	4475	12674	4.57%	1.403%
17	15.050	2167	2170	2176	rVV7	2186	3879	1.40%	0.429%
18	15.208	2192	2196	2198	rBV5	1790	3200	1.15%	0.354%
19	15.287	2205	2209	2220	rVB8	6171	18114	6.52%	2.006%
20	15.428	2220	2232	2245	rBV4	12957	53522	19.28%	5.926%
21	15.647	2265	2268	2274	rVV7	1547	3323	1.20%	0.368%
22	15.738	2274	2283	2292	rVV7	5006	17807	6.41%	1.972%
23	15.915	2303	2312	2319	rBV7	2933	8777	3.16%	0.972%

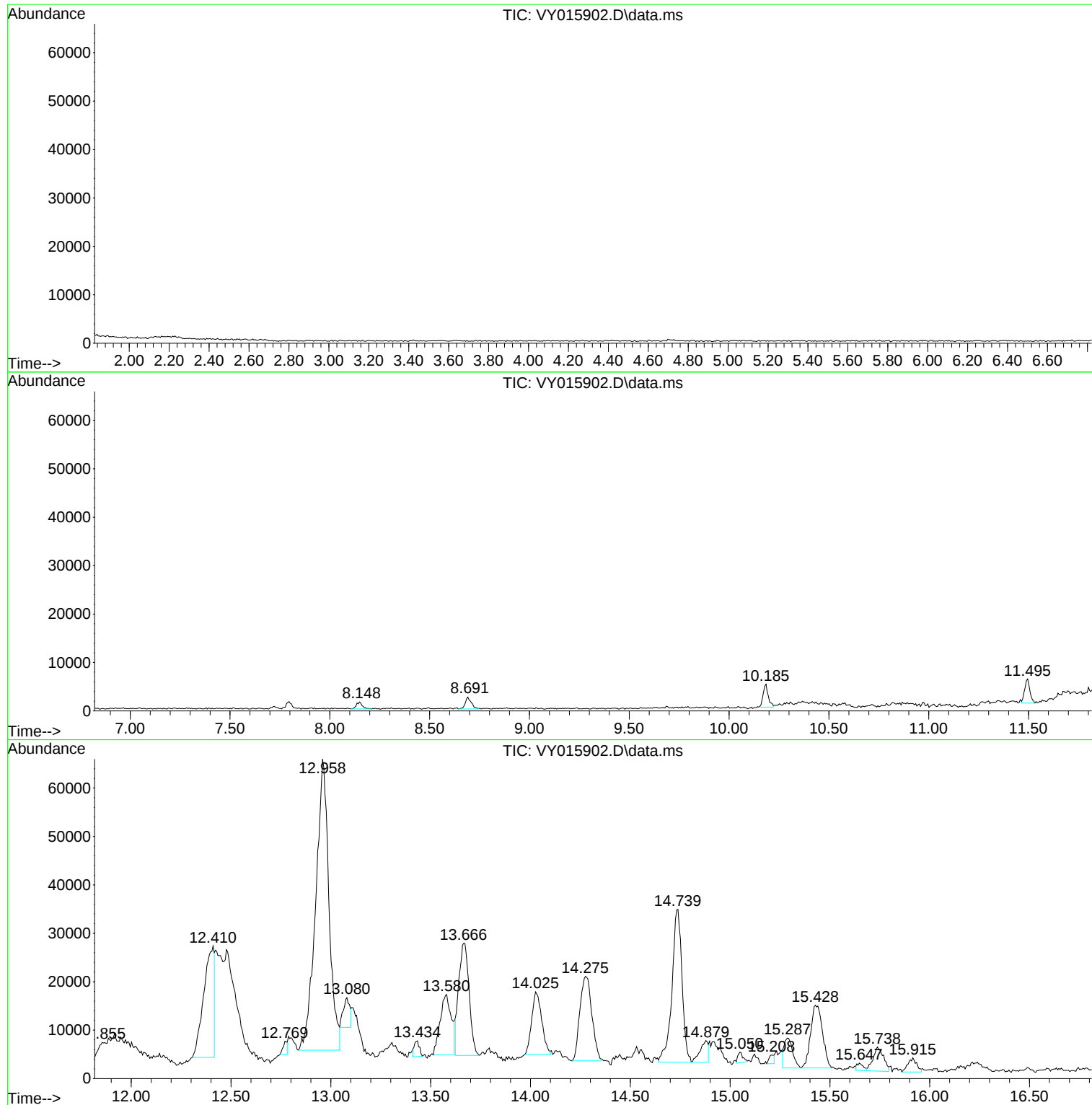
Sum of corrected areas: 903172

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

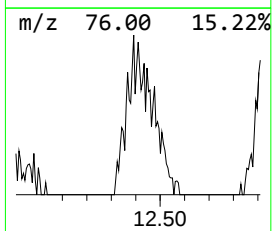
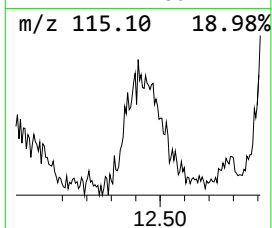
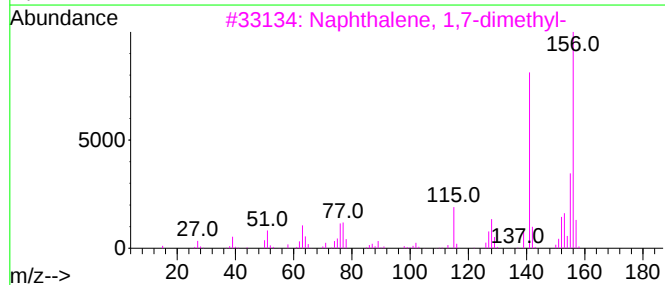
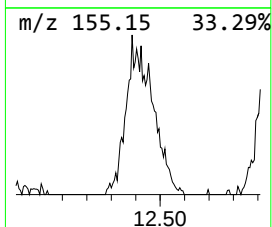
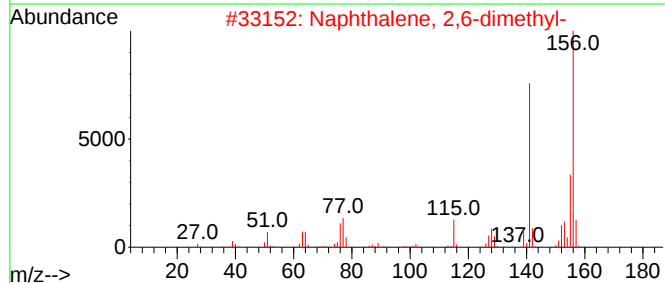
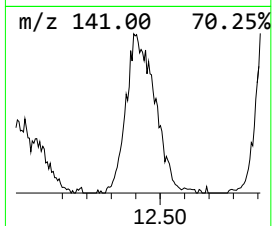
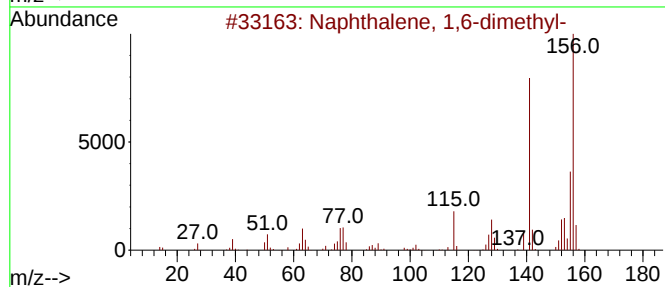
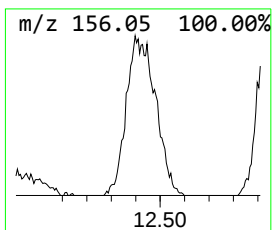
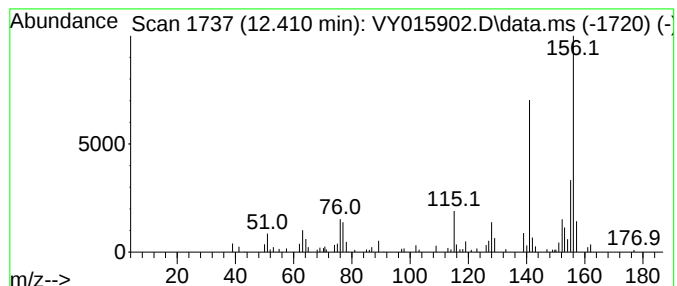
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	471.76 ug/l	84323	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

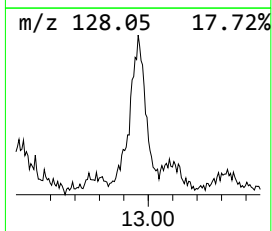
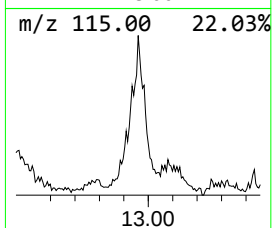
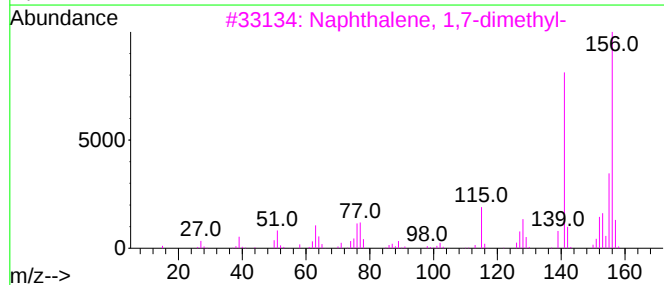
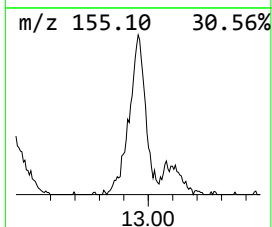
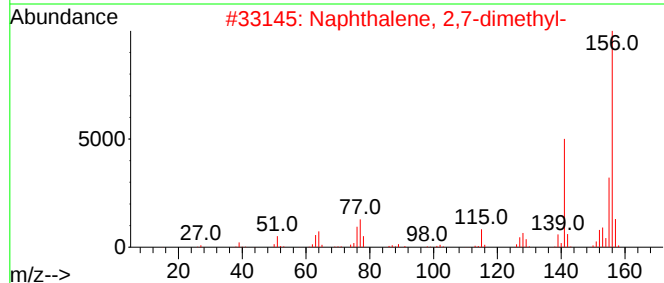
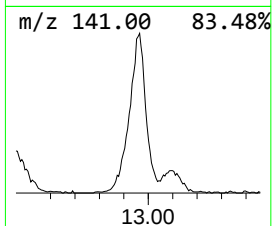
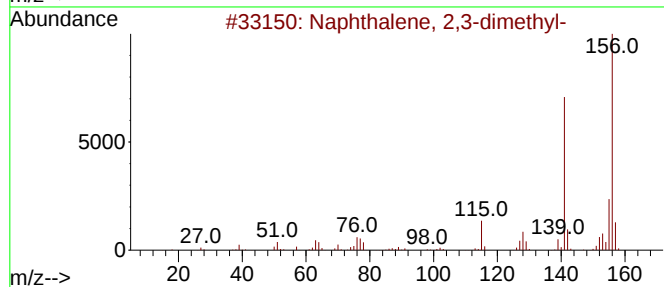
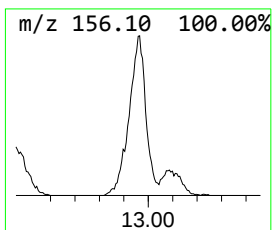
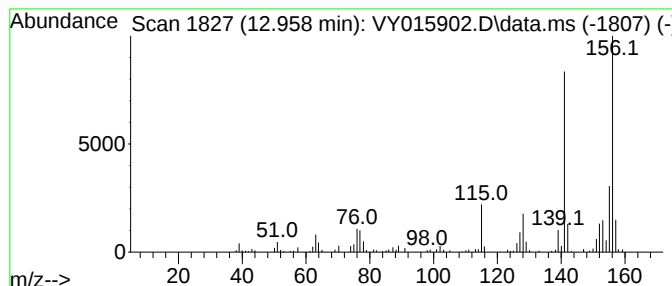
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	2418.28 ug/l	277618	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

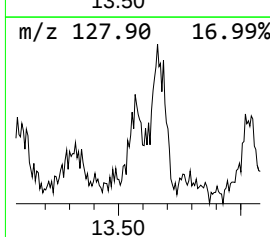
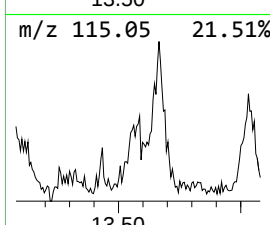
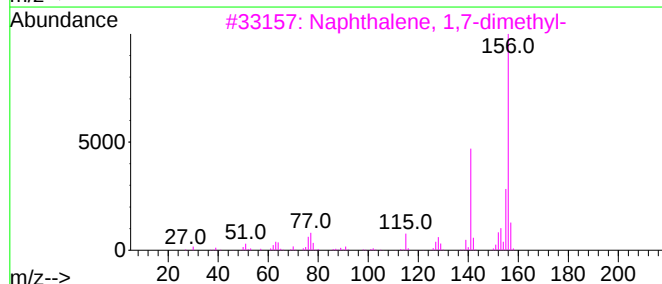
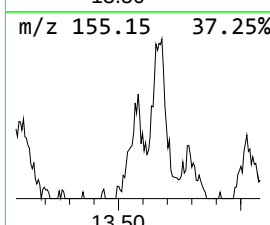
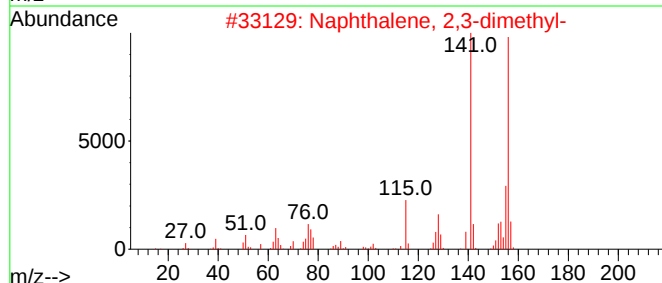
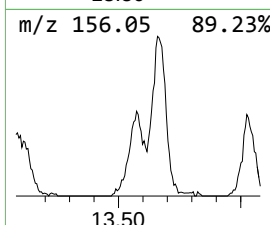
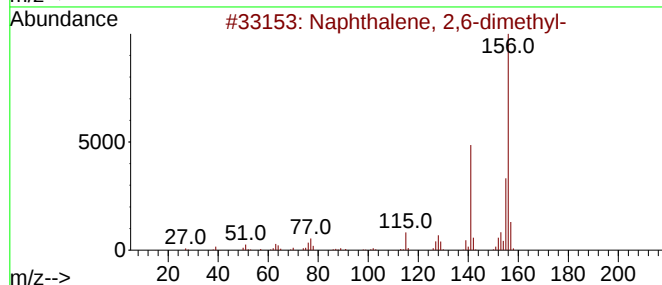
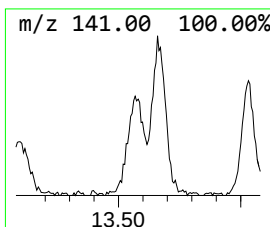
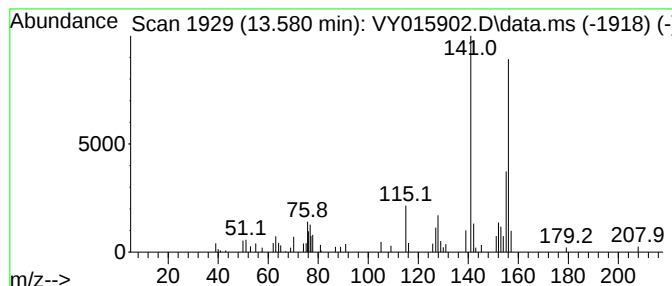
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	422.40 ug/l	48492	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

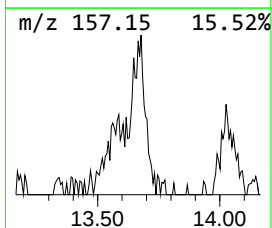
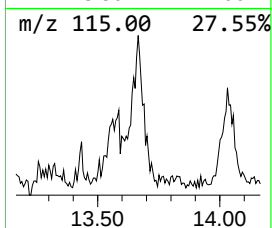
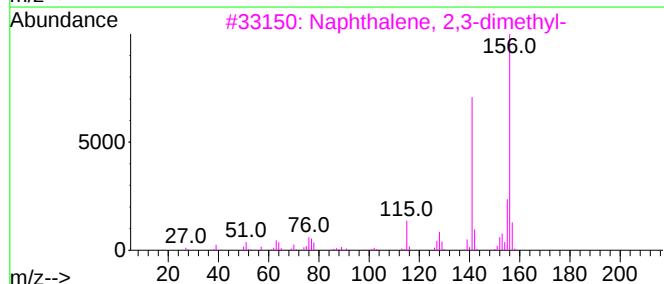
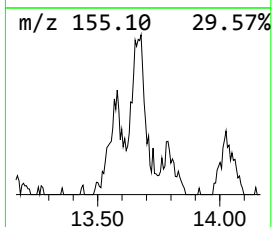
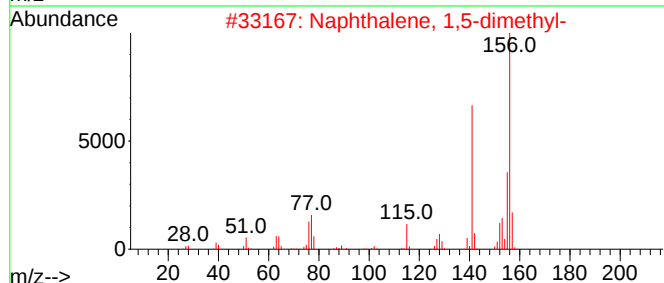
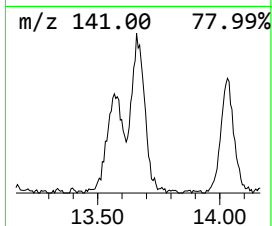
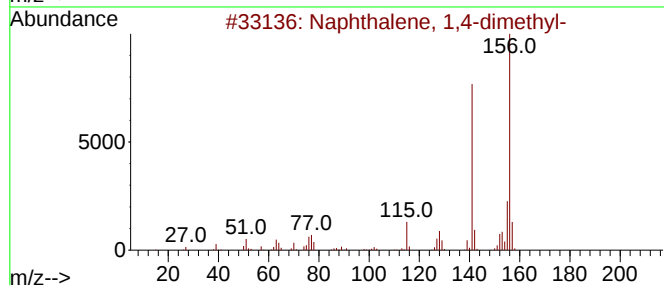
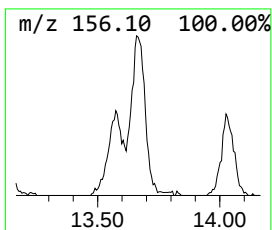
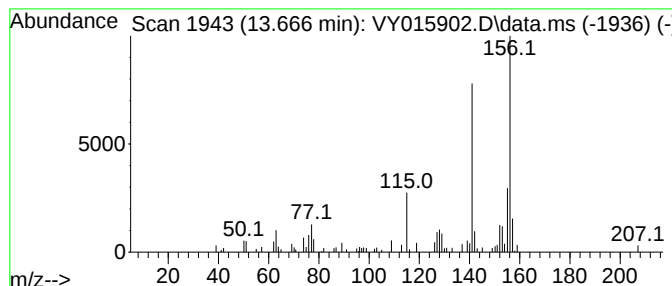
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	727.32 ug/l	83496	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

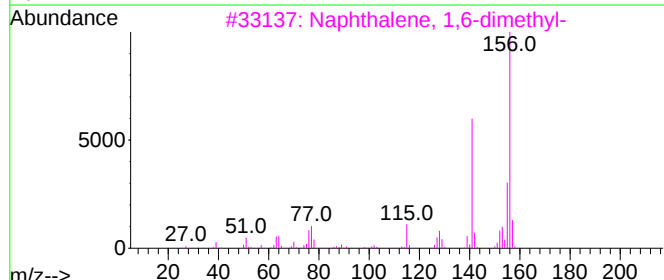
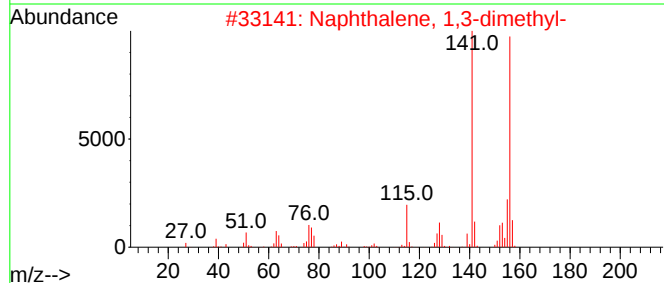
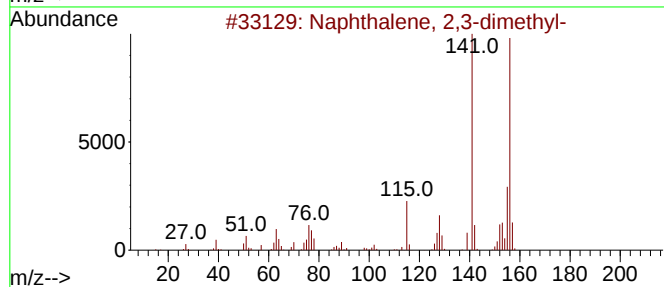
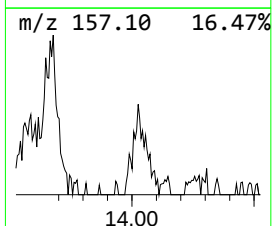
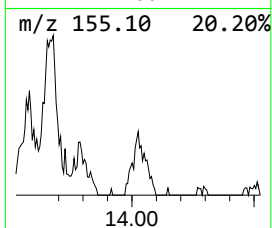
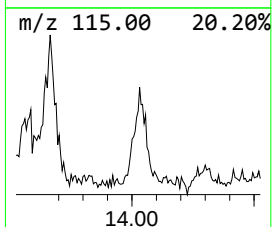
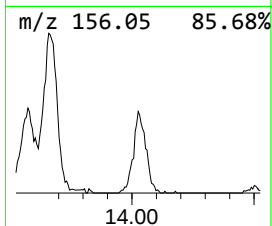
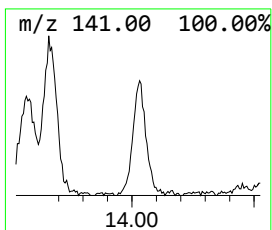
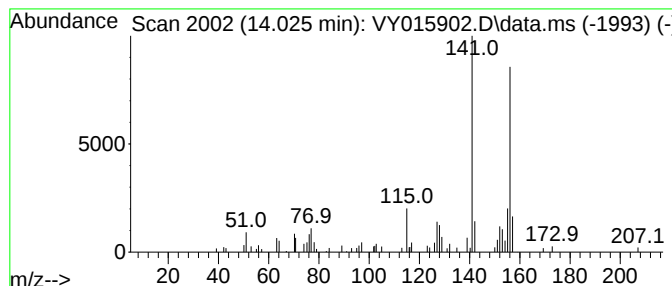
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	391.56 ug/l	44951	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

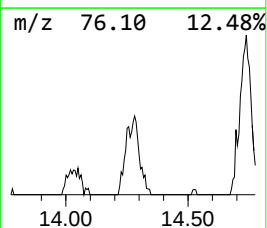
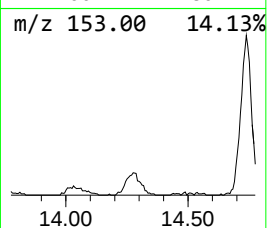
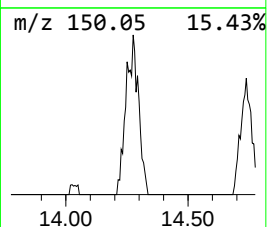
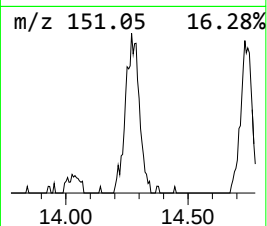
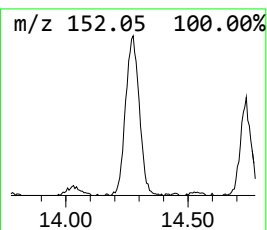
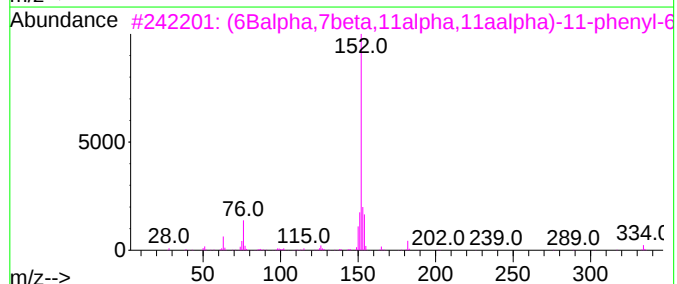
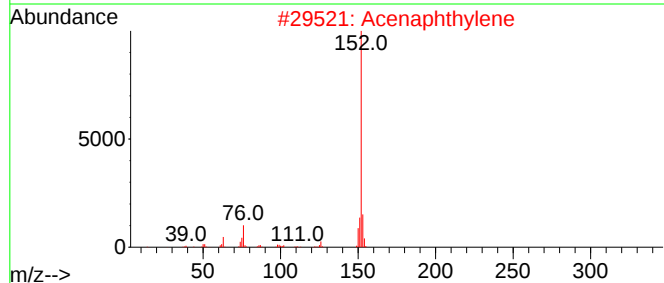
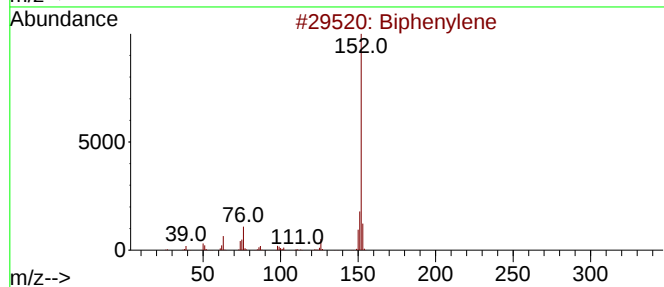
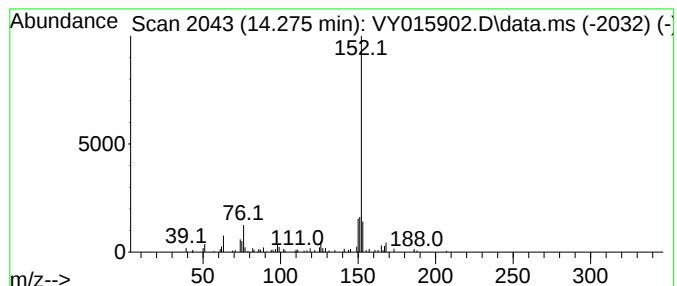
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 6 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	632.64 ug/l	72627	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	90
2			Acenaphthylene	152	C12H8	000208-96-8	90
3			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	72
4			5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	53
5			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

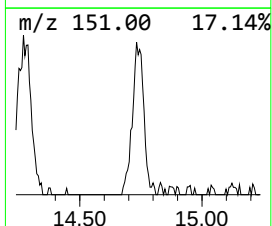
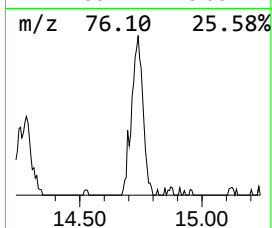
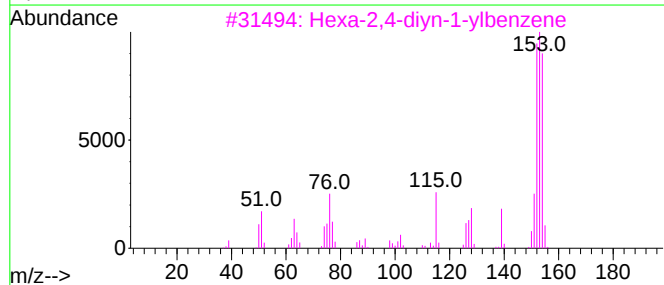
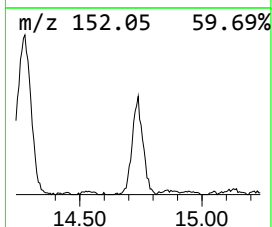
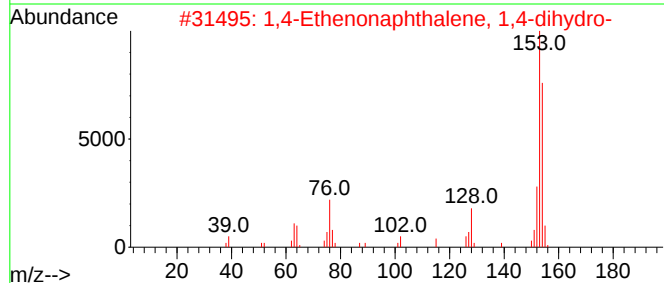
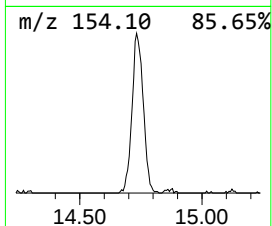
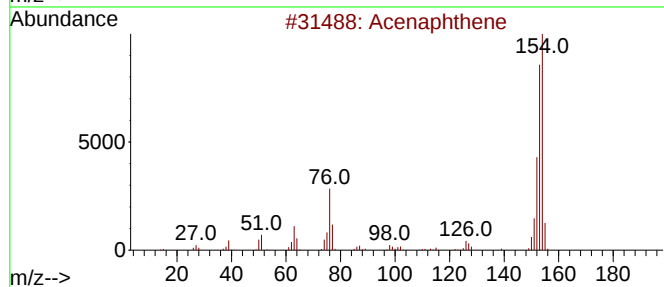
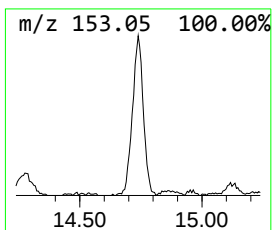
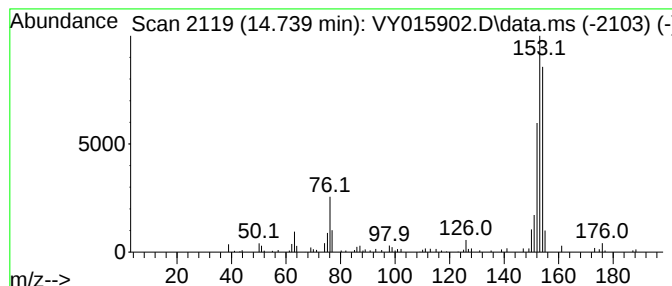
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 7 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	964.33 ug/l	110705	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	72
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	64
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
5			Biphenyl	154	C12H10	000092-52-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

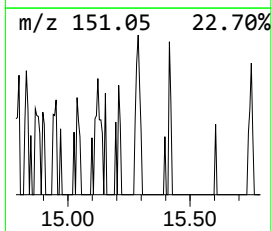
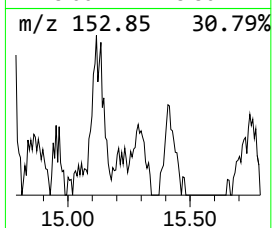
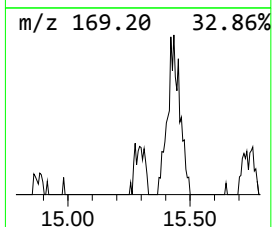
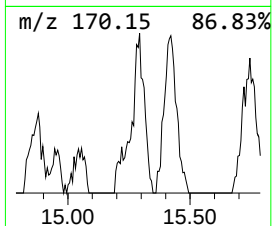
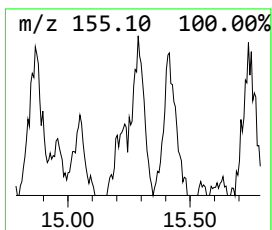
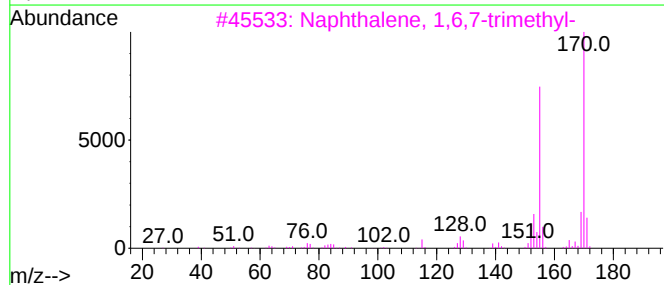
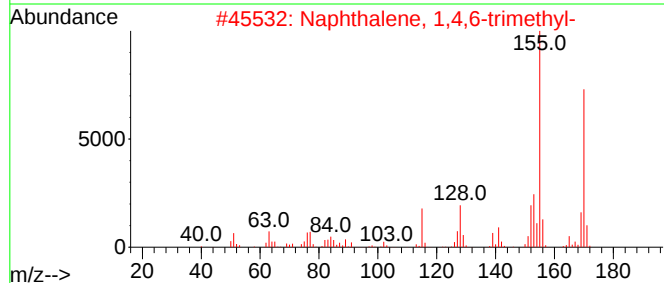
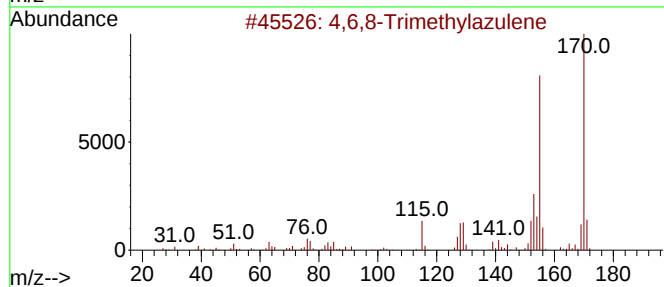
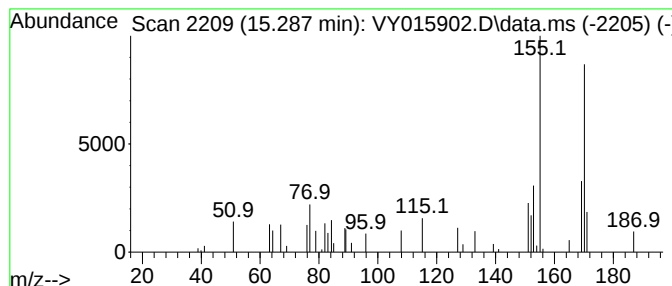
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 8 4,6,8-Trimethylazulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.287	157.79 ug/l	18114	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	68
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	59
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

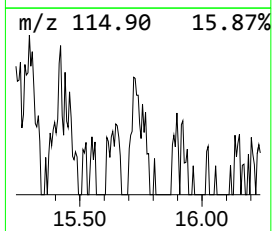
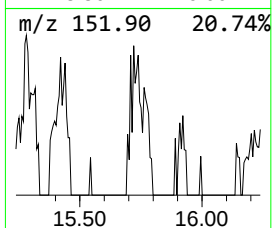
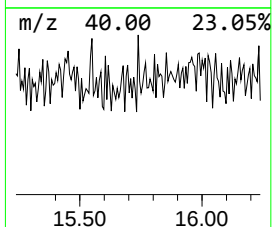
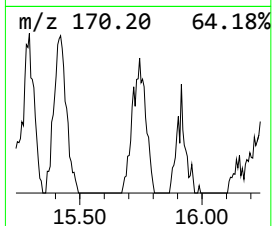
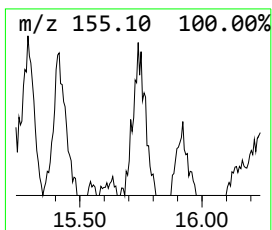
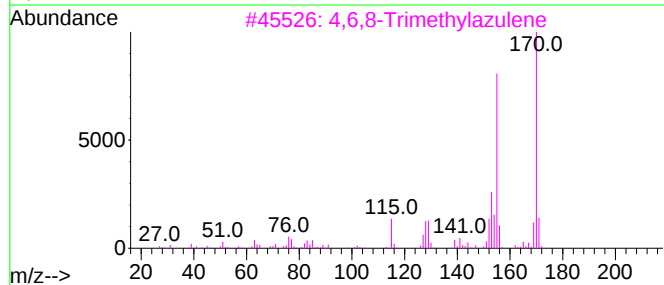
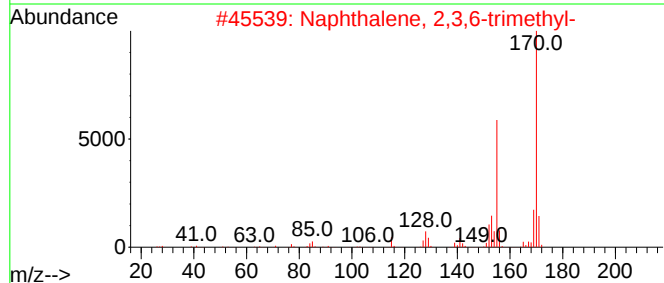
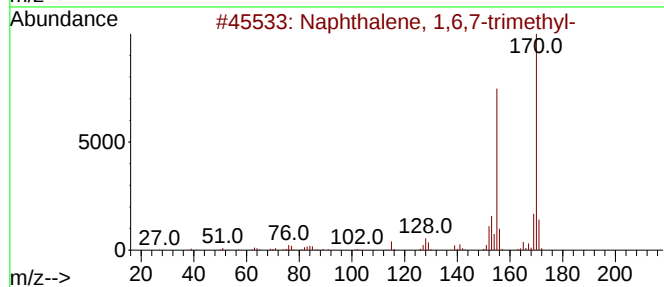
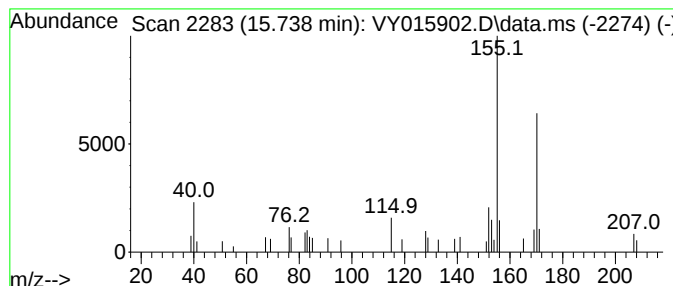
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	155.11 ug/l	17807	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	74
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015902.D
Acq On : 10 Oct 2023 17:15
Operator : SY/MD
Sample : 04817-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11930

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.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
Naphthalene, 1,...	12.410	471.8	ug/l	84323	3	11.489	8937	50.0
Naphthalene, 2,...	12.959	2418.3	ug/l	277618	4	13.422	5740	50.0
Naphthalene, 2,...	13.580	422.4	ug/l	48492	4	13.422	5740	50.0
Naphthalene, 1,...	13.666	727.3	ug/l	83496	4	13.422	5740	50.0
Naphthalene, 1,...	14.025	391.6	ug/l	44951	4	13.422	5740	50.0
Biphenylene	14.275	632.6	ug/l	72627	4	13.422	5740	50.0
1,4-Ethenonapht...	14.739	964.3	ug/l	110705	4	13.422	5740	50.0
4,6,8-Trimethyl...	15.287	157.8	ug/l	18114	4	13.422	5740	50.0
Naphthalene, 1,...	15.739	155.1	ug/l	17807	4	13.422	5740	50.0