

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016234.D
 Acq On : 06 Nov 2023 14:09
 Operator : SY/MD
 Sample : 05252-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-VOC

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\82Y103123S.M
 Title : SW846 8260

Signal : TIC: VY016234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.795	973	980	988	rVB	3784	8075	1.76%	0.392%
2	8.149	1032	1038	1045	rBV3	2500	4990	1.08%	0.242%
3	8.697	1122	1128	1136	rBV2	6069	11225	2.44%	0.545%
4	10.185	1365	1372	1378	rBV2	11025	23944	5.21%	1.162%
5	10.258	1378	1384	1385	rBV4	4752	7401	1.61%	0.359%
6	11.496	1581	1587	1595	rBV	8389	14504	3.15%	0.704%
7	11.709	1609	1622	1625	rVV8	5450	18916	4.11%	0.918%
8	11.898	1629	1653	1687	rVB2	51138	459994	100.00%	22.325%
9	12.404	1715	1736	1740	rBV3	48391	210241	45.71%	10.204%
10	12.794	1787	1800	1807	rBV7	8789	37884	8.24%	1.839%
11	12.959	1807	1827	1839	rBV	98448	440459	95.75%	21.377%
12	13.081	1840	1847	1849	rBV3	21117	47615	10.35%	2.311%
13	13.434	1901	1905	1911	rVB	6905	10847	2.36%	0.526%
14	13.568	1911	1927	1934	rBV6	14505	61203	13.31%	2.970%
15	13.672	1934	1944	1955	rVV4	31359	127156	27.64%	6.171%
16	13.788	1959	1963	1973	rVB6	2416	6553	1.42%	0.318%
17	14.032	1988	2003	2015	rBV4	15929	62717	13.63%	3.044%
18	14.294	2031	2046	2062	rBV8	16340	73322	15.94%	3.559%
19	14.538	2079	2086	2099	rVB6	4570	15757	3.43%	0.765%
20	14.739	2099	2119	2130	rBV2	84088	266712	57.98%	12.945%
21	14.843	2132	2136	2138	rBV5	3659	5803	1.26%	0.282%
22	15.239	2192	2201	2222	rVB	41284	97433	21.18%	4.729%
23	15.422	2222	2231	2232	rBV4	4052	8515	1.85%	0.413%
24	15.745	2274	2284	2293	rBV7	3487	11487	2.50%	0.558%
25	16.300	2368	2375	2386	rVB2	8045	17456	3.79%	0.847%
26	16.501	2401	2408	2414	rBV2	4921	10193	2.22%	0.495%

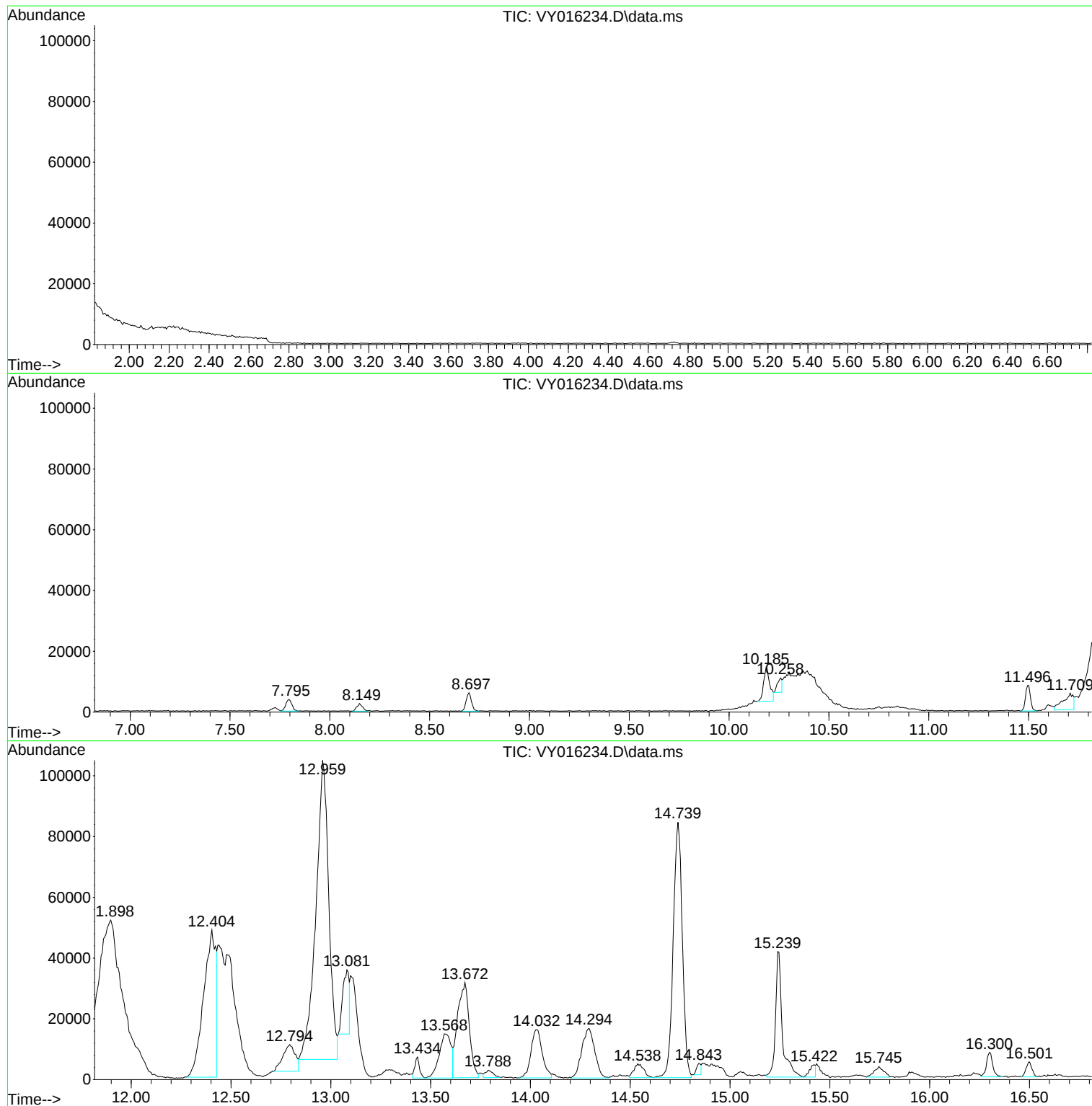
Sum of corrected areas: 2060402

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

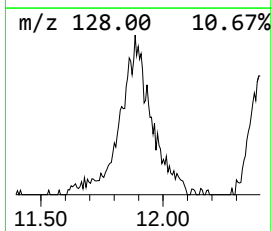
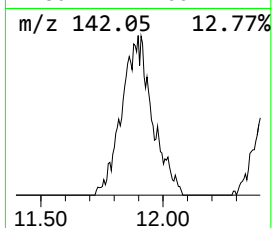
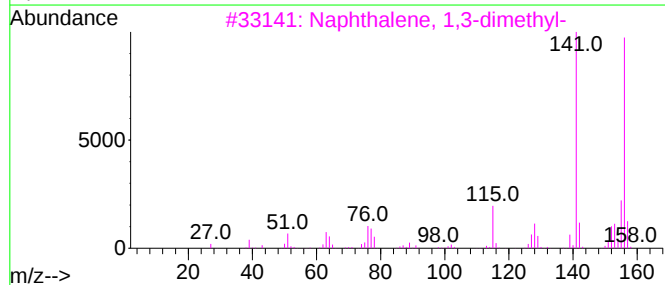
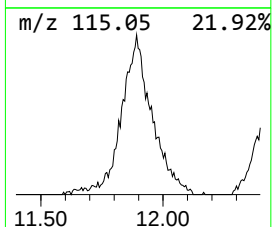
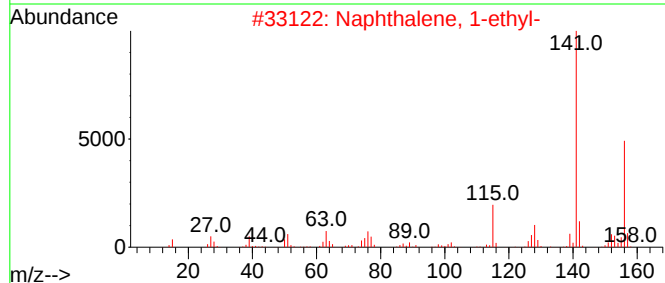
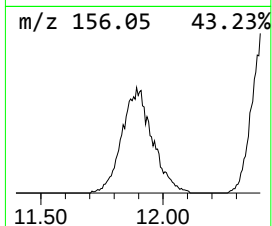
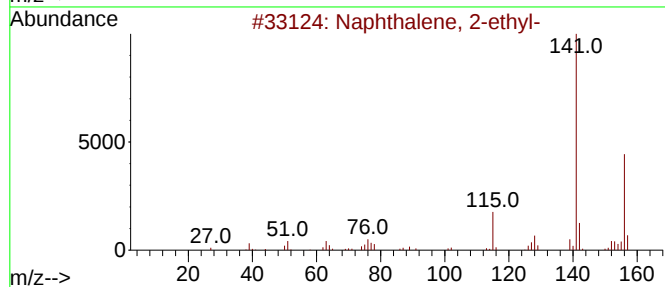
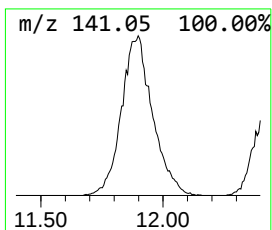
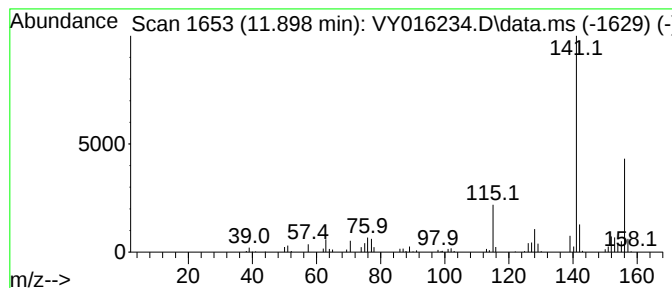
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	1585.75 ug/l	459994	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

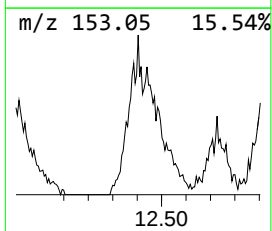
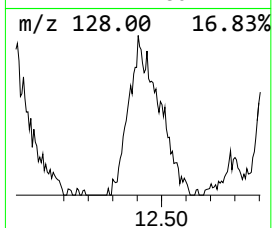
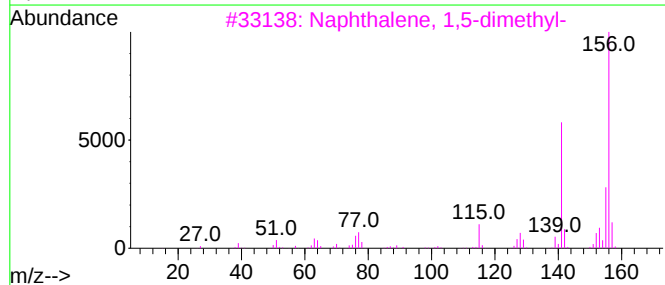
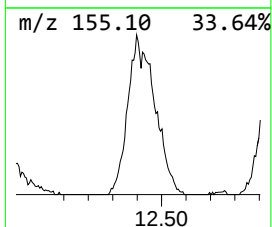
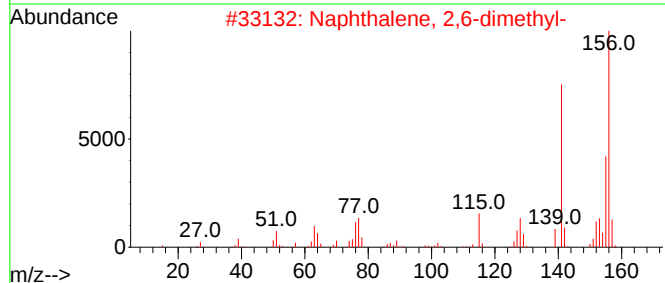
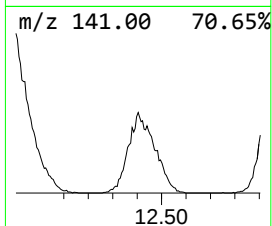
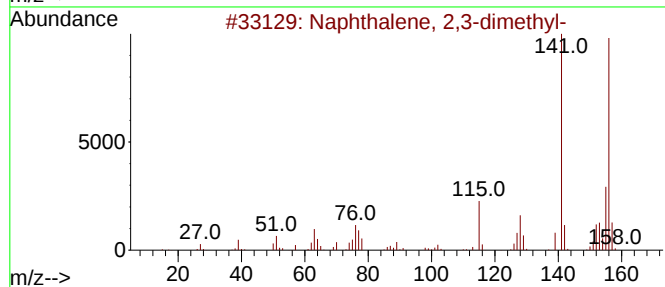
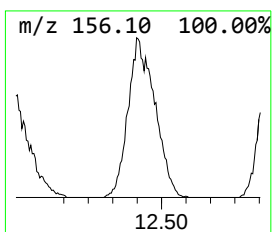
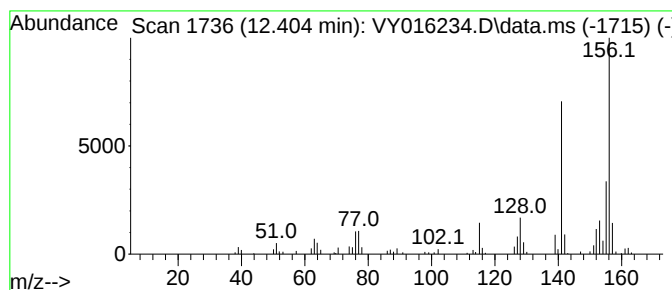
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	724.77 ug/l	210241	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

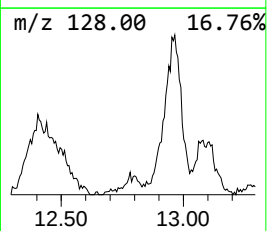
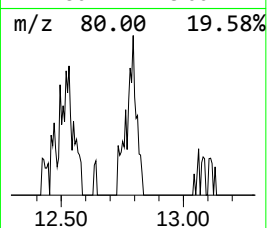
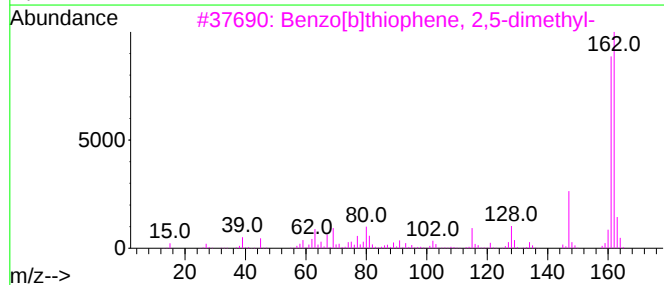
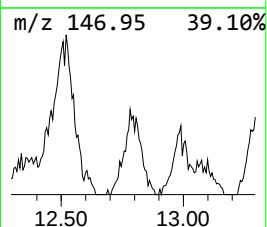
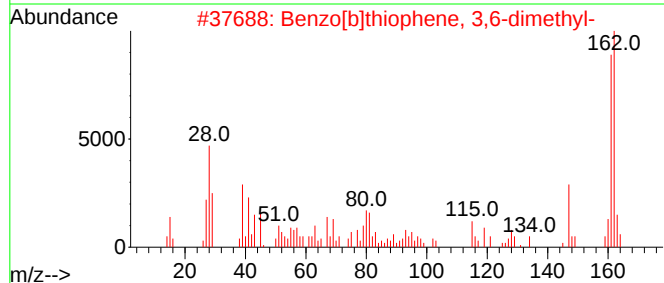
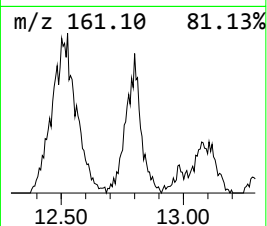
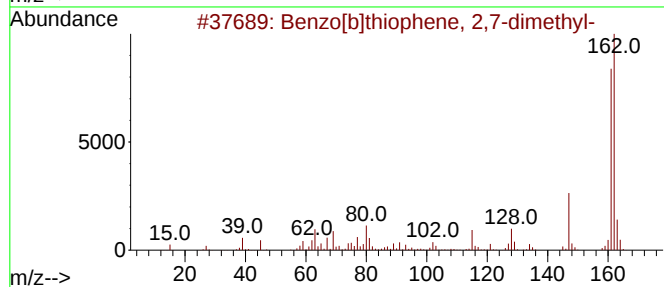
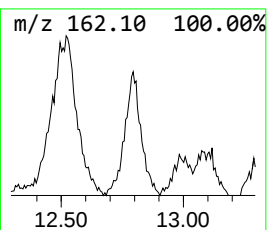
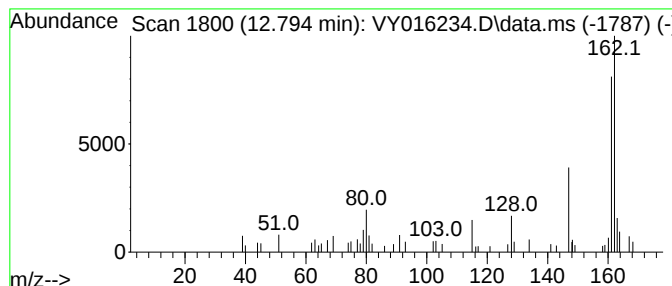
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzo[b]thiophene, 2,7-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.794	174.63 ug/l	37884	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	87
2			Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	78
3			Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	76
4			2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	72
5			3-Methylcinnamic acid	162	C10H10O2	003029-79-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

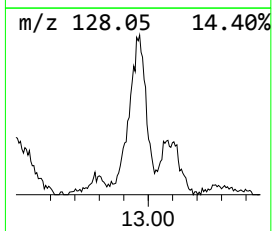
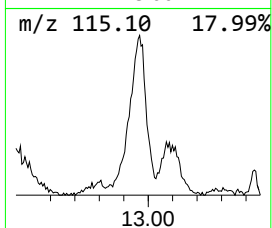
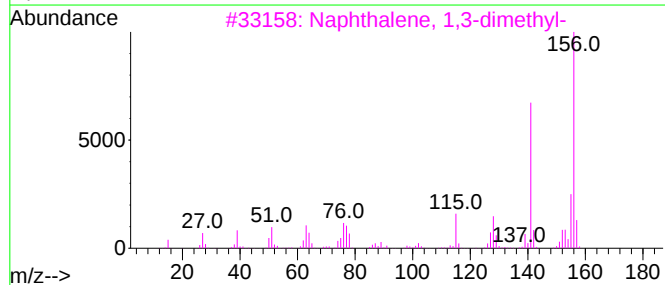
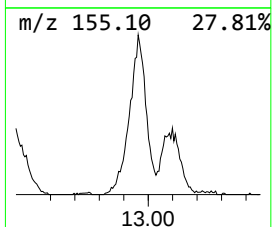
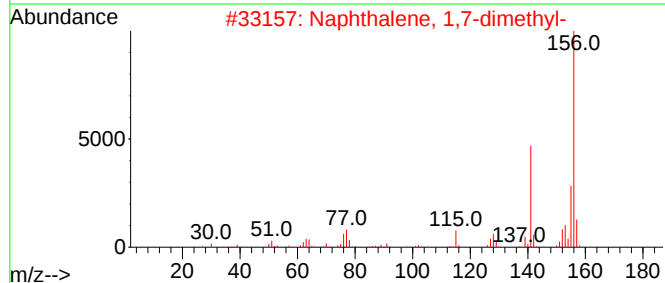
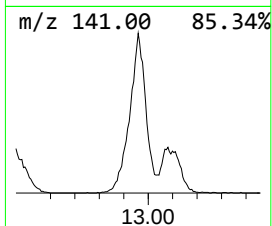
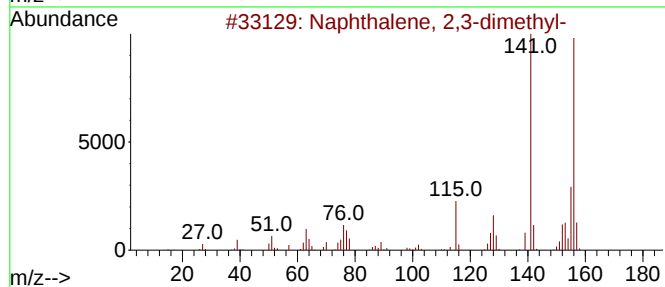
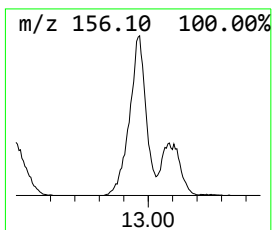
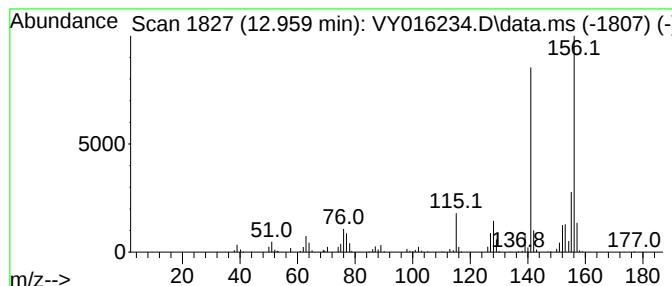
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	2030.33 ug/l	440459	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/Soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

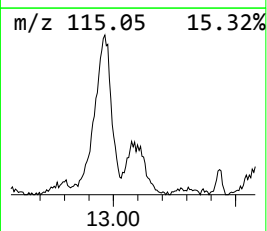
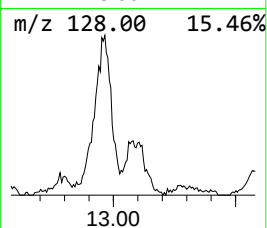
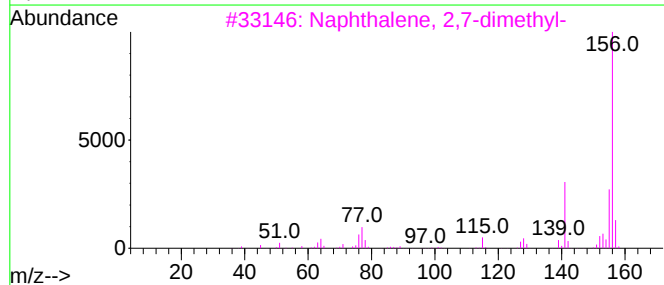
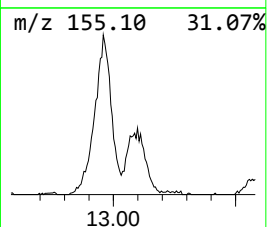
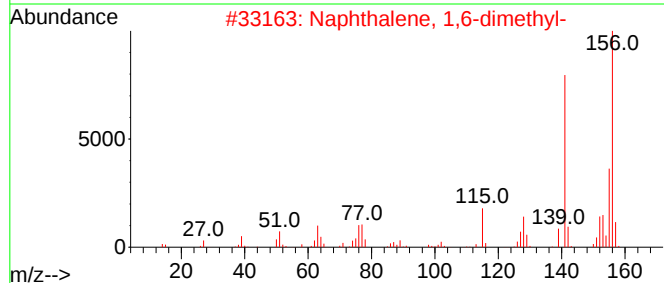
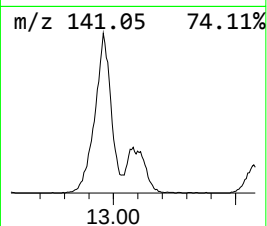
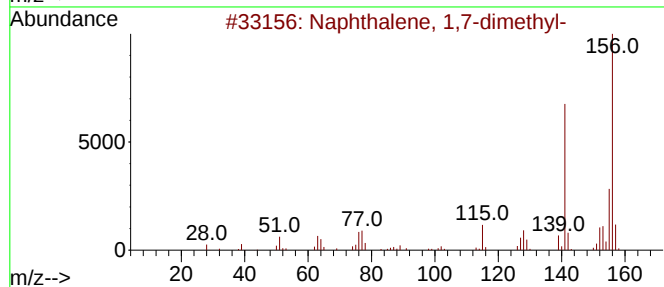
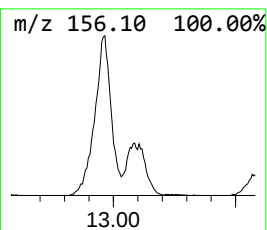
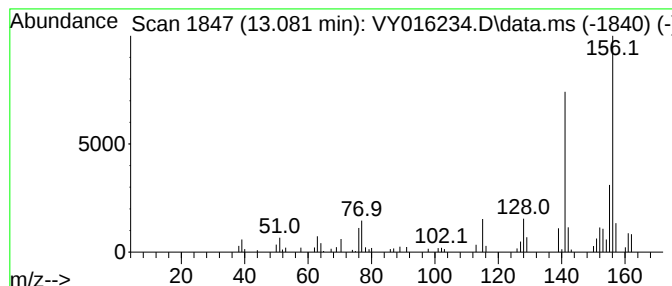
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.081	219.49 ug/l	47615	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

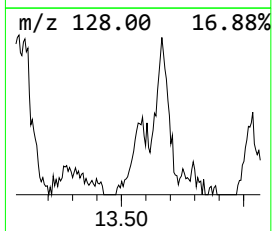
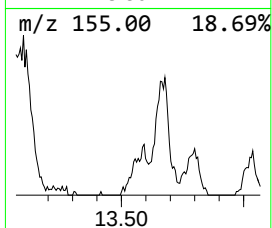
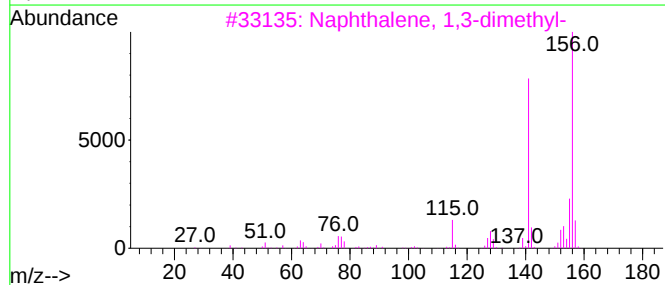
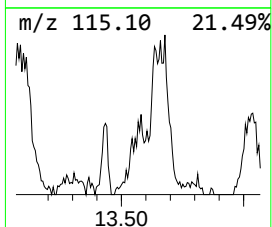
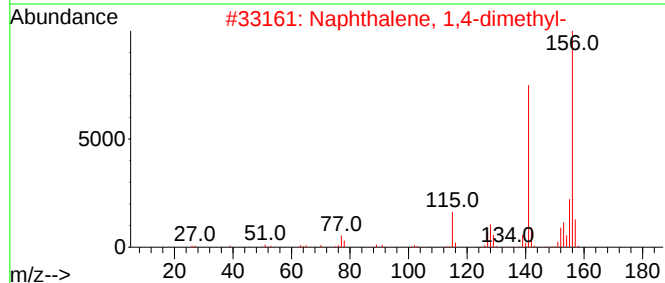
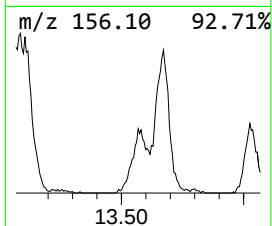
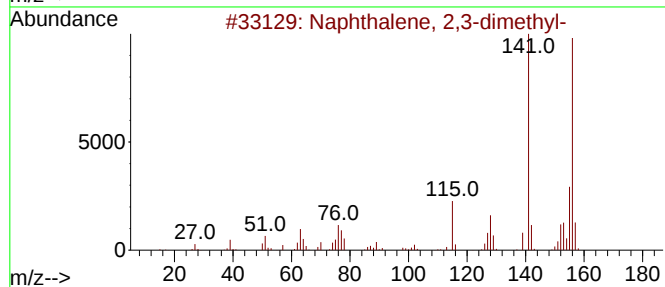
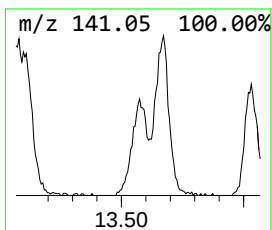
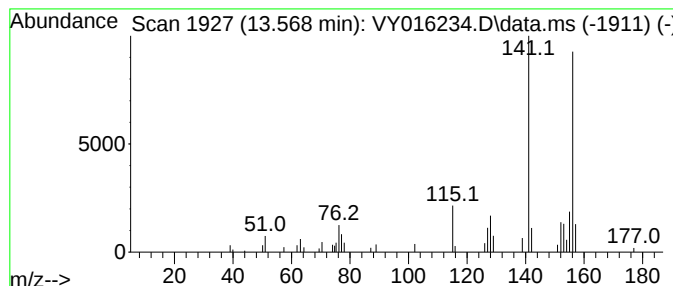
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.568	282.12 ug/l	61203	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

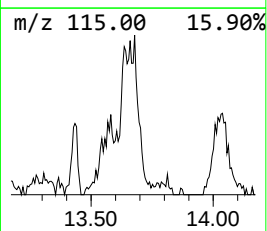
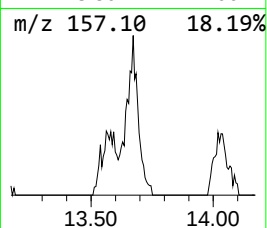
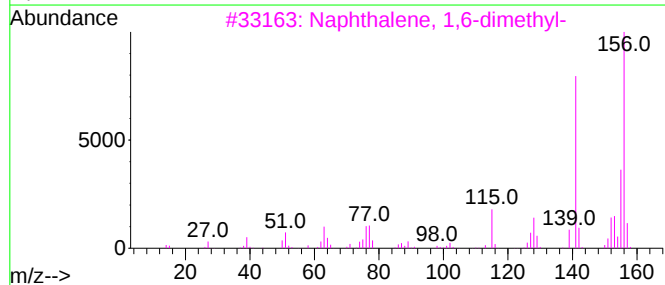
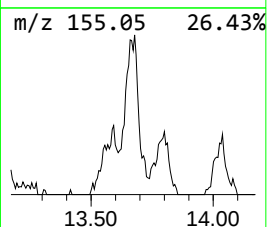
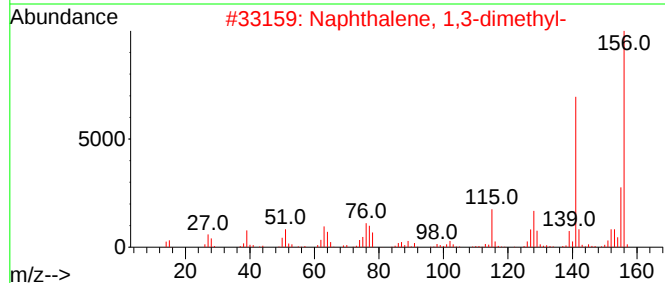
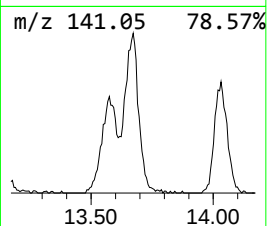
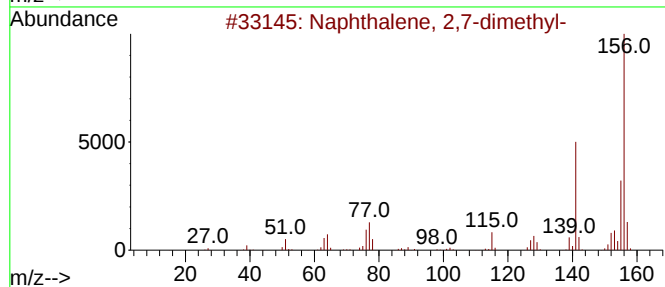
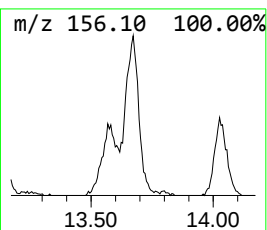
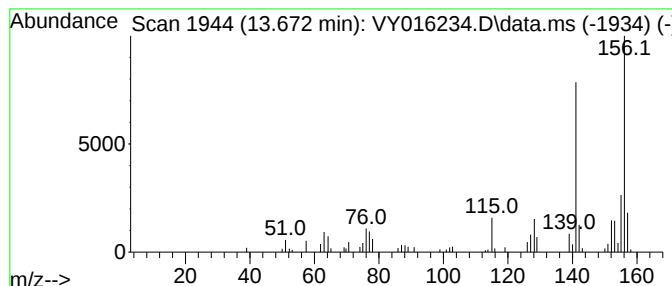
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	586.13 ug/l	127156	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

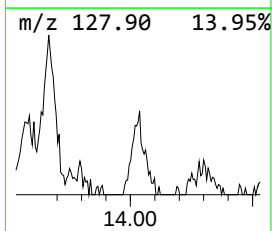
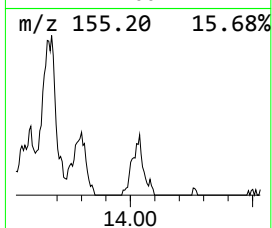
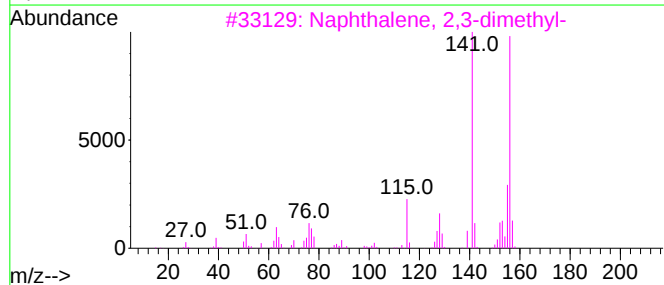
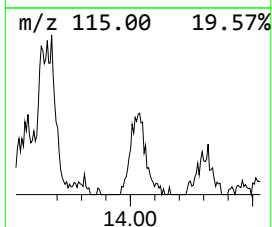
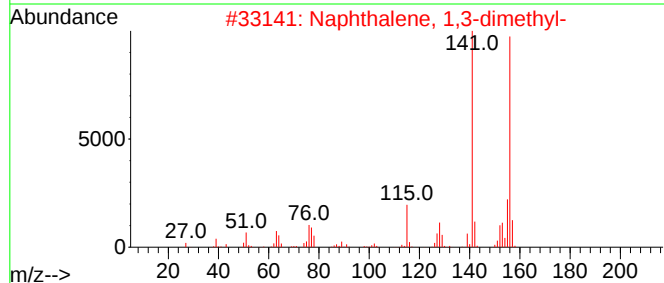
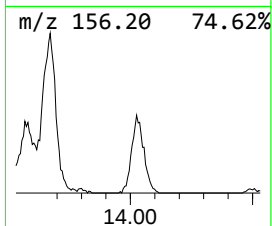
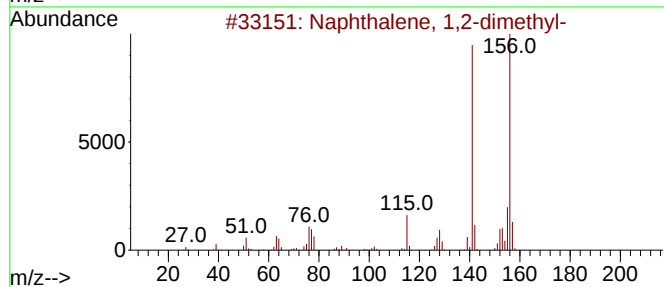
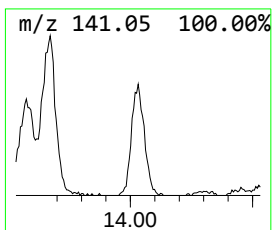
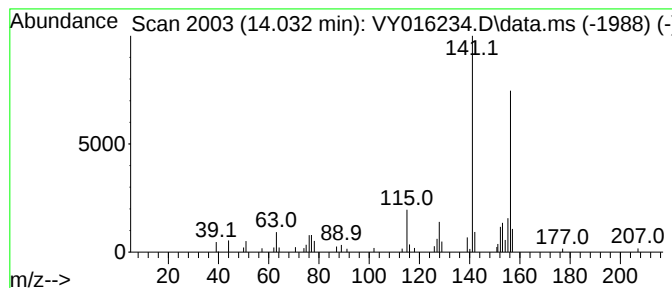
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.032	289.10 ug/l	62717	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

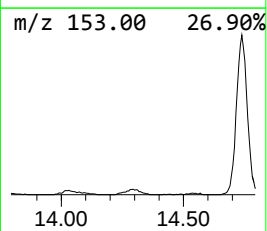
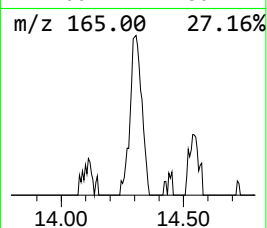
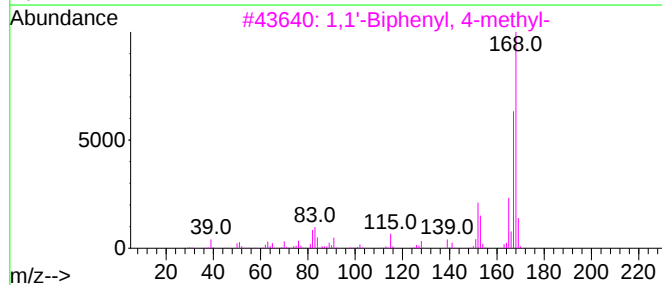
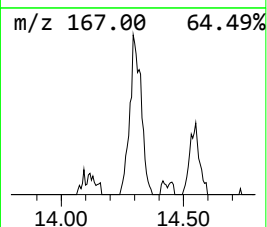
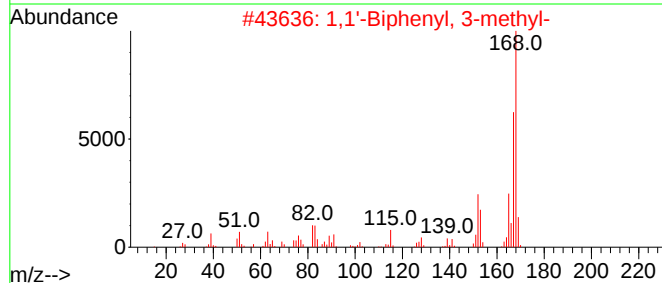
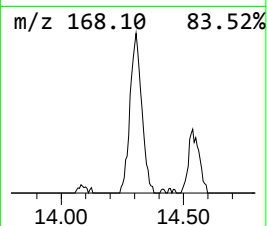
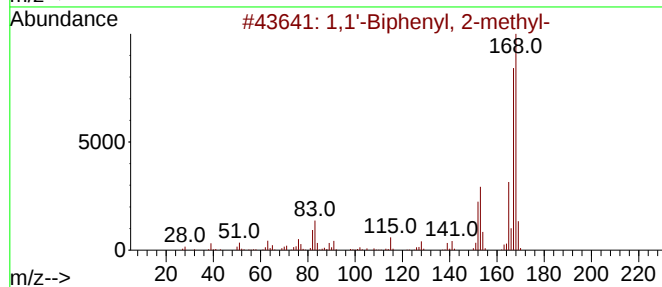
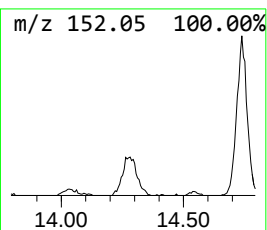
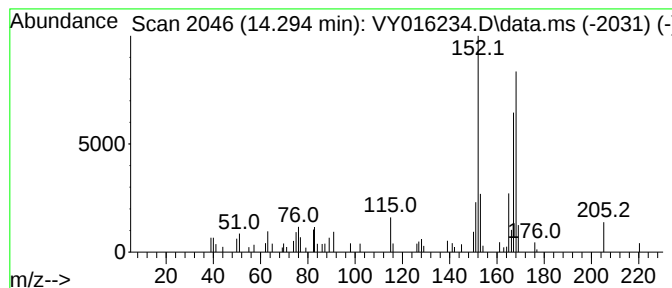
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 9 1,1'-Biphenyl, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	337.98 ug/l	73322	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70		
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60		
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55		
4	Diphenylmethane	168	C13H12	000101-81-5	55		
5	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	47		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

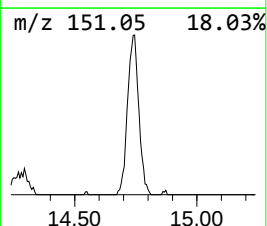
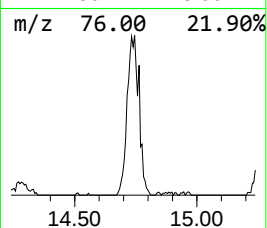
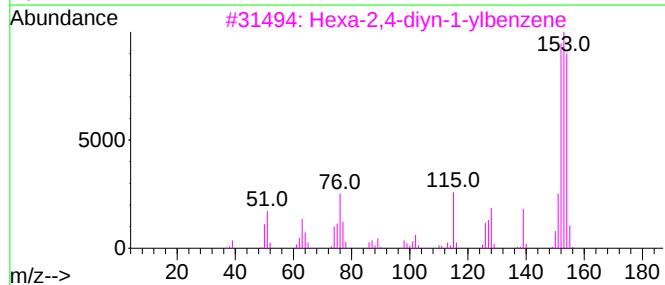
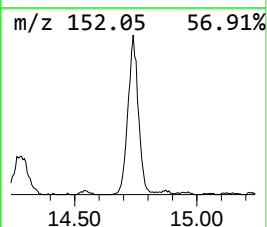
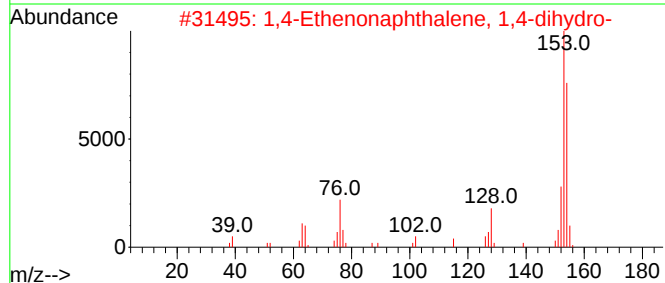
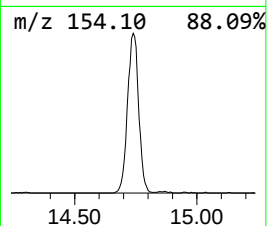
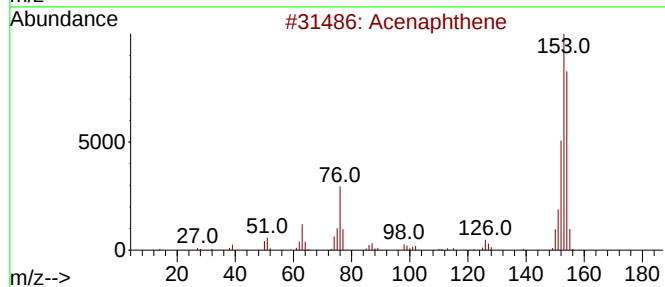
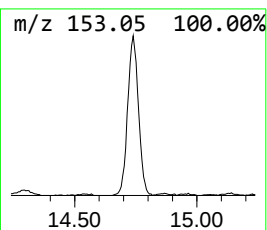
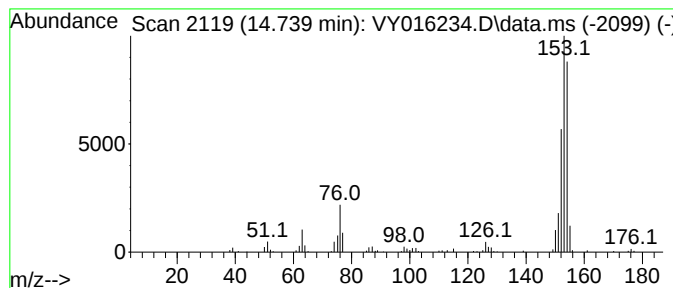
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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

Peak Number 10 Acenaphthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	1229.43 ug/l	266712	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	64
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016234.D
Acq On : 06 Nov 2023 14:09
Operator : SY/MD
Sample : 05252-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.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, 2-...	11.898	1585.8	ug/l	459994	3	11.496	14504	50.0
Naphthalene, 2,...	12.404	724.8	ug/l	210241	3	11.496	14504	50.0
Benzo[b]thiophe...	12.794	174.6	ug/l	37884	4	13.434	10847	50.0
Naphthalene, 1,...	12.959	2030.3	ug/l	440459	4	13.434	10847	50.0
Naphthalene, 1,...	13.081	219.5	ug/l	47615	4	13.434	10847	50.0
Naphthalene, 1,...	13.568	282.1	ug/l	61203	4	13.434	10847	50.0
Naphthalene, 1,...	13.672	586.1	ug/l	127156	4	13.434	10847	50.0
Naphthalene, 1,...	14.032	289.1	ug/l	62717	4	13.434	10847	50.0
1,1'-Biphenyl, ...	14.294	338.0	ug/l	73322	4	13.434	10847	50.0
Acenaphthene	14.739	1229.4	ug/l	266712	4	13.434	10847	50.0