

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012441.D
 Acq On : 01 Feb 2023 14:52
 Operator : KP/MD
 Sample : 01382-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-013123

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\82Y011623S.M
 Title : SW846 8260

Signal : TIC: VY012441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.966	836	844	854	rVB	1818	4446	1.04%	0.327%
2	7.789	973	979	988	rVB2	3579	7639	1.79%	0.562%
3	8.143	1029	1037	1046	rVB2	3236	6843	1.60%	0.503%
4	8.691	1122	1127	1137	rVB2	5933	11654	2.73%	0.857%
5	10.185	1362	1372	1377	rBV	10264	20345	4.76%	1.497%
6	11.490	1581	1586	1594	rVB2	10037	16340	3.83%	1.202%
7	11.861	1632	1647	1648	rBV4	4528	16040	3.76%	1.180%
8	12.392	1711	1734	1742	rBV3	29270	177785	41.63%	13.080%
9	12.941	1802	1824	1835	rBV3	54185	282646	66.19%	20.795%
10	13.069	1836	1845	1847	rBV4	19165	49990	11.71%	3.678%
11	13.428	1899	1904	1910	rVB2	7737	11837	2.77%	0.871%
12	13.556	1910	1925	1932	rBV7	9447	38386	8.99%	2.824%
13	13.660	1932	1942	1956	rVB3	20802	77745	18.21%	5.720%
14	14.026	1988	2002	2013	rBV3	9647	36120	8.46%	2.657%
15	14.300	2035	2047	2059	rVB5	5894	20525	4.81%	1.510%
16	14.538	2079	2086	2096	rVB7	2113	6225	1.46%	0.458%
17	14.733	2100	2118	2130	rBV	135892	427030	100.00%	31.418%
18	14.861	2130	2139	2148	rBV3	5345	15843	3.71%	1.166%
19	15.123	2175	2182	2191	rVV3	6837	18875	4.42%	1.389%
20	15.288	2202	2209	2218	rVB6	4439	13610	3.19%	1.001%
21	15.434	2220	2233	2245	rBV3	26391	94577	22.15%	6.958%
22	15.745	2282	2284	2291	rVB4	2559	4681	1.10%	0.344%

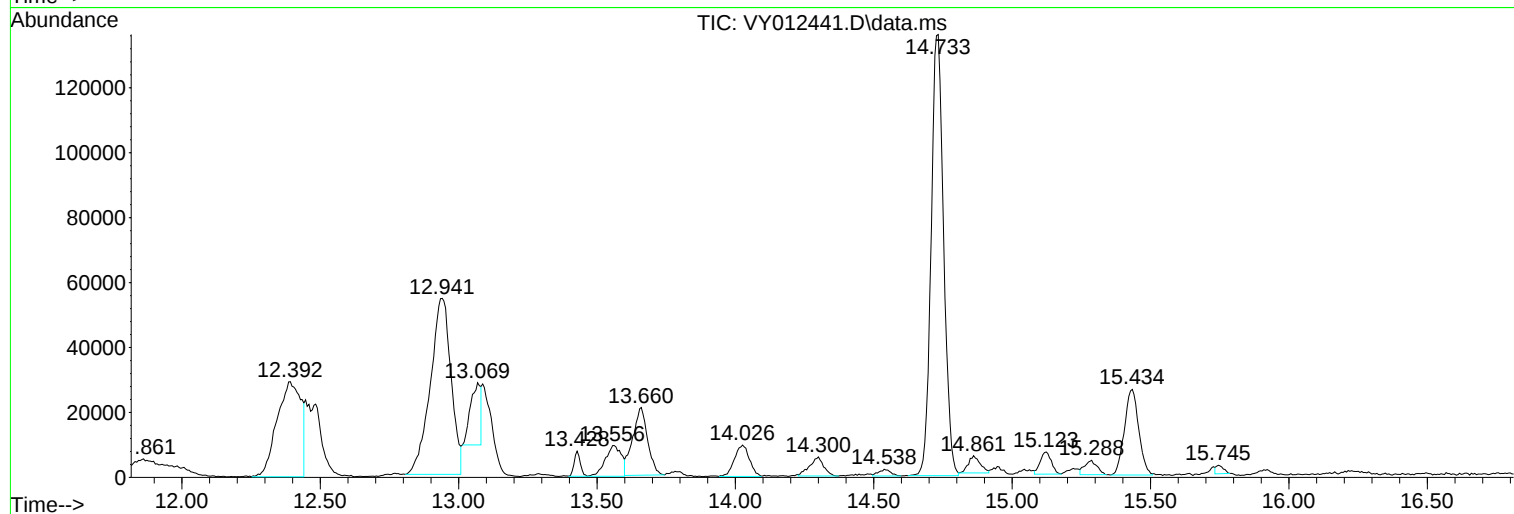
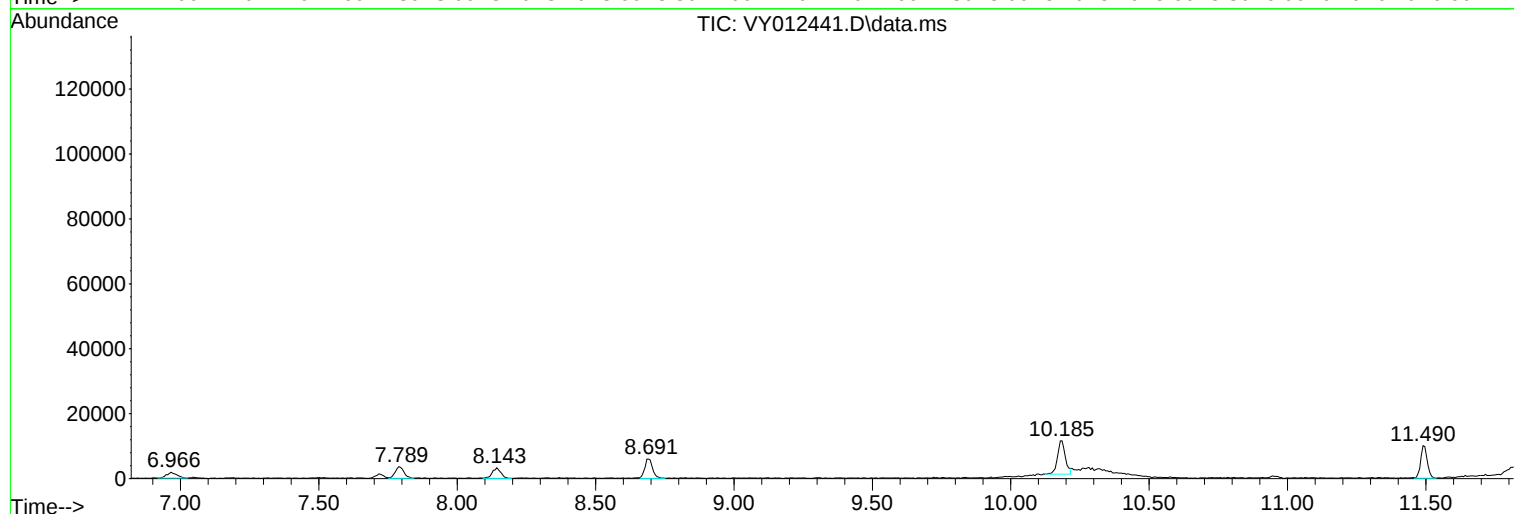
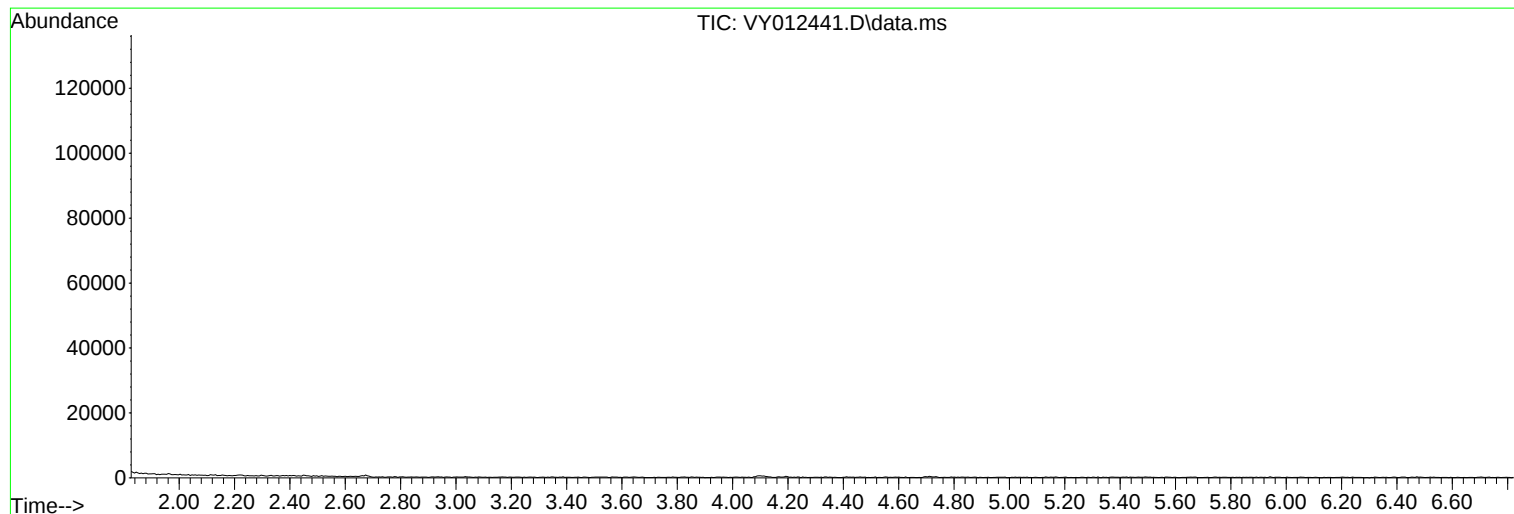
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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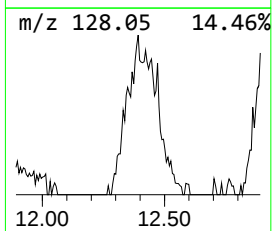
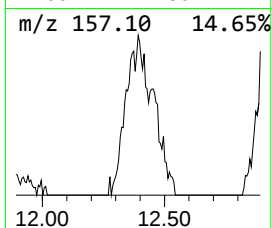
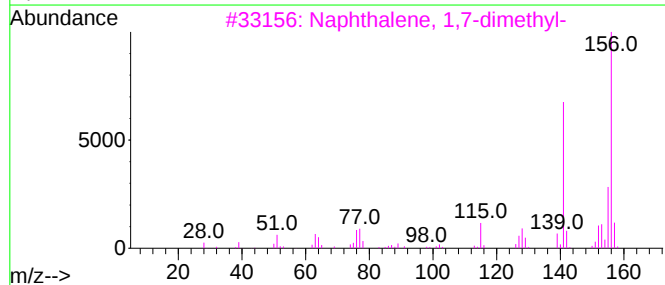
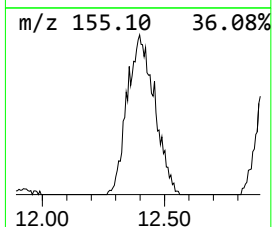
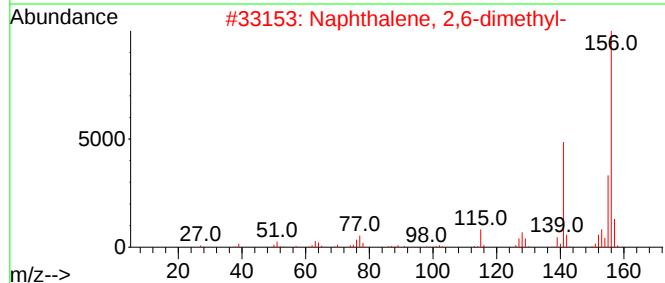
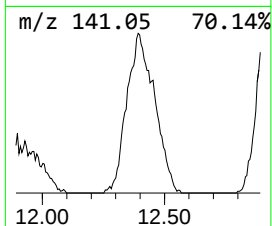
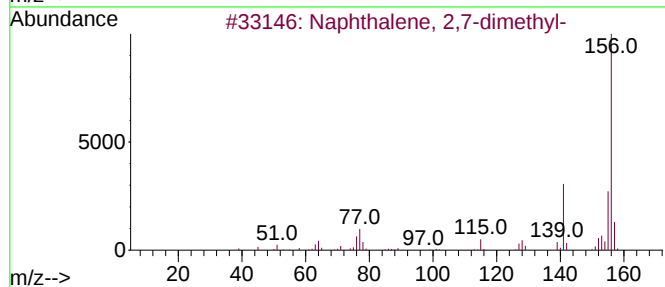
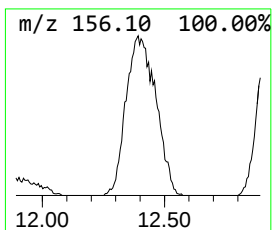
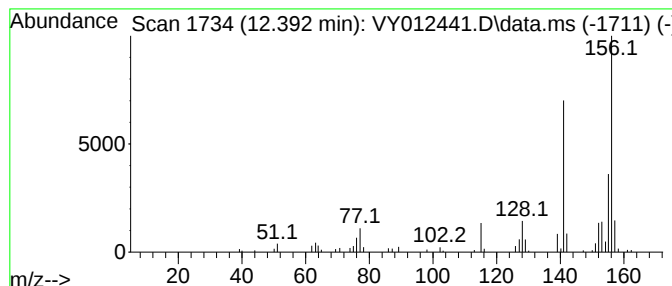
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	544.02 ug/l	177785	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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OR-3-013123

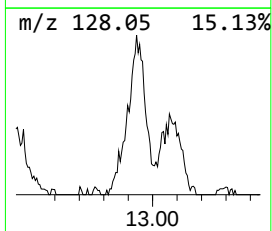
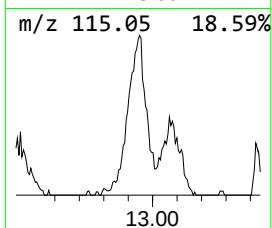
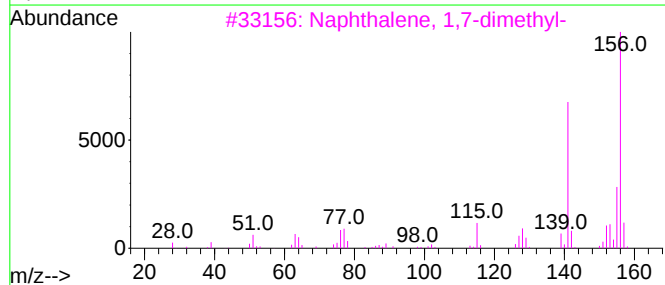
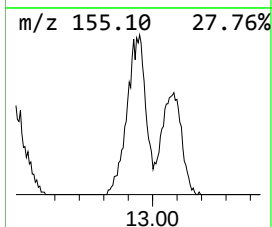
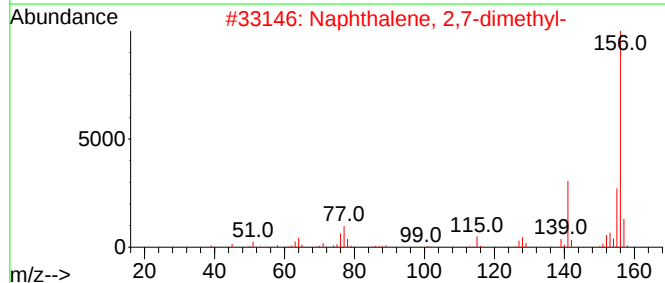
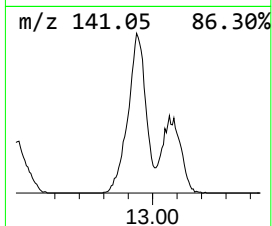
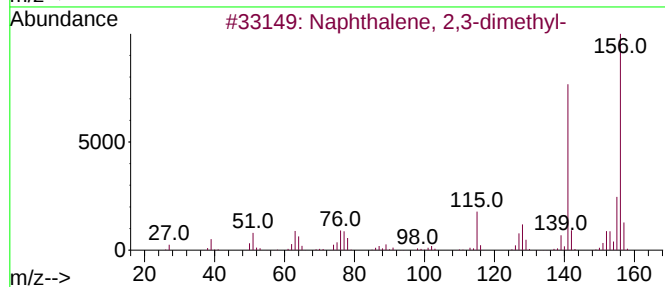
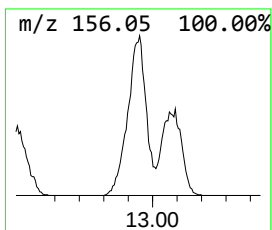
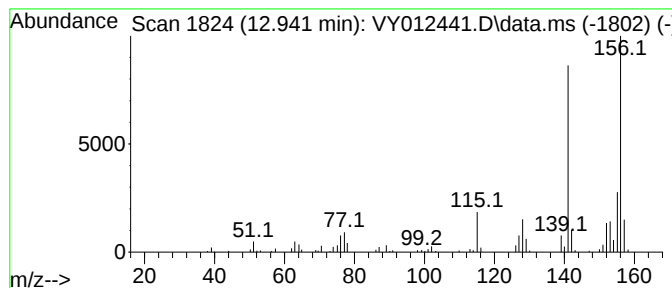
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.941	1193.91 ug/l	282646	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Instrument :
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ClientSampleId :
OR-3-013123

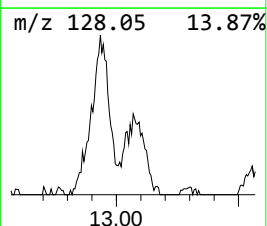
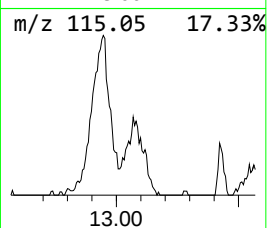
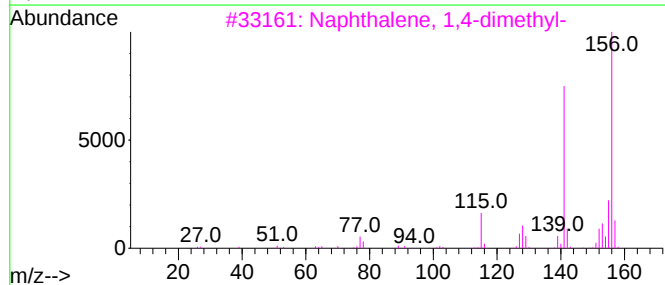
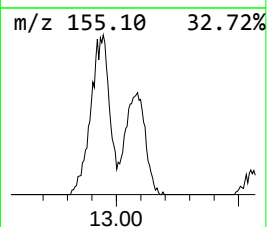
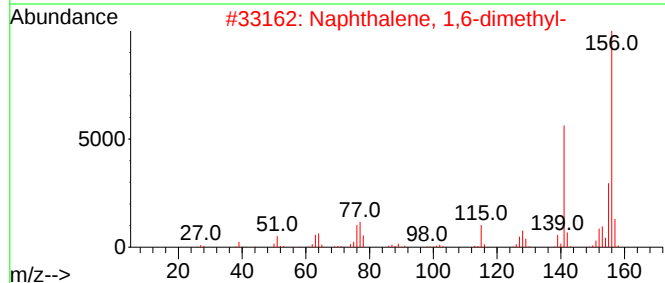
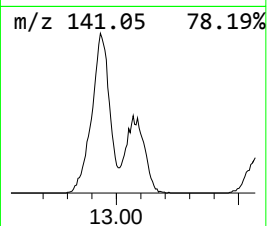
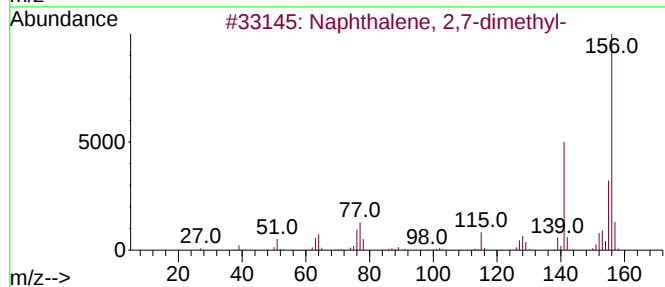
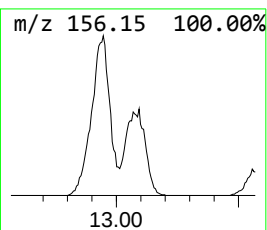
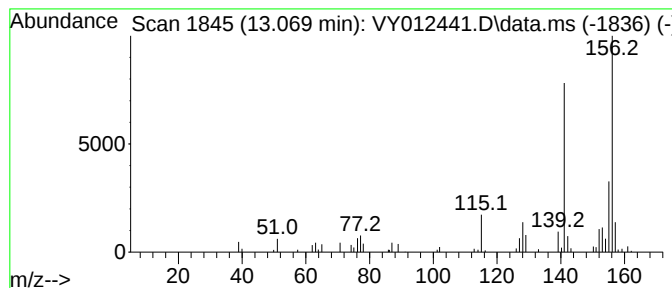
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	211.16 ug/l	49990	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

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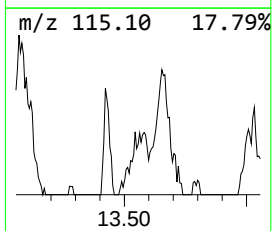
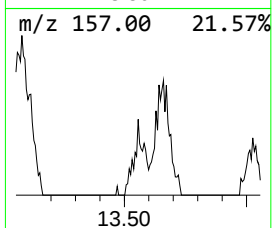
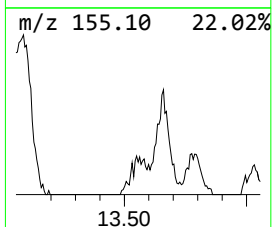
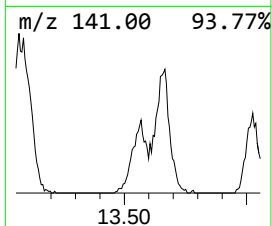
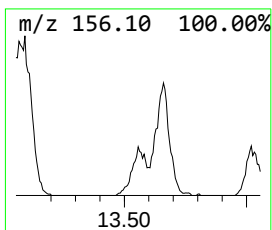
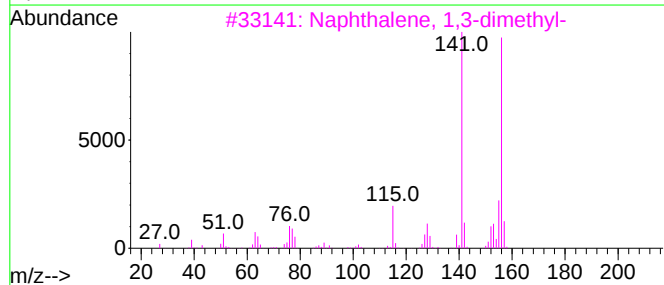
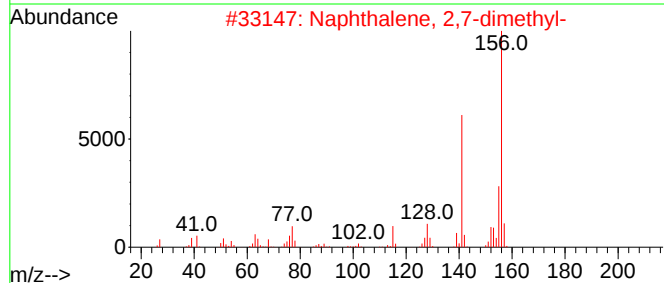
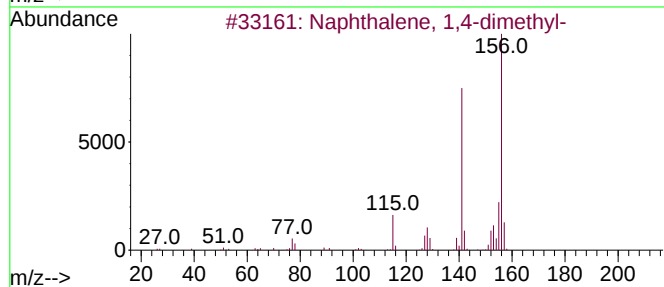
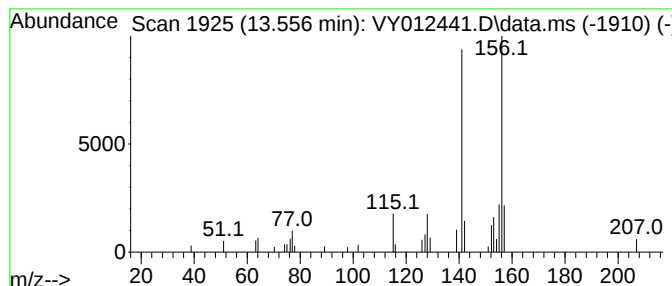
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.556	162.14 ug/l	38386	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



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Instrument :
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ClientSampleId :
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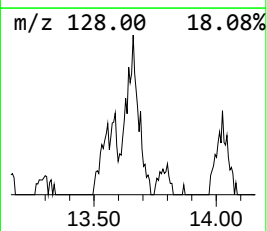
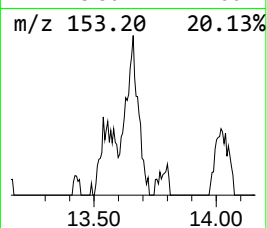
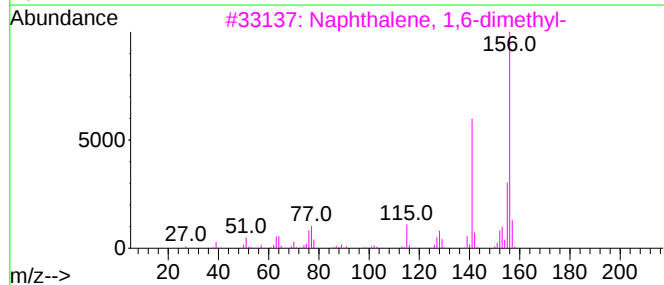
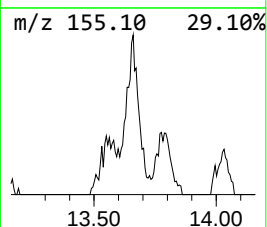
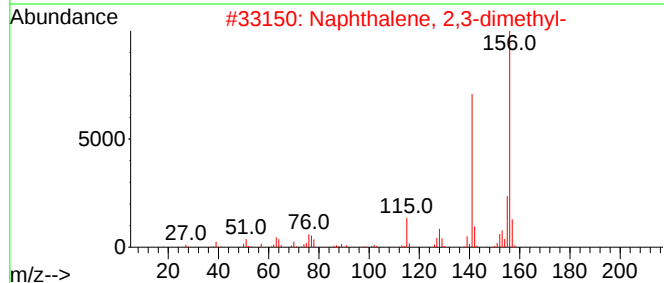
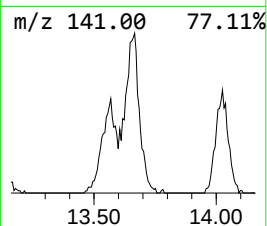
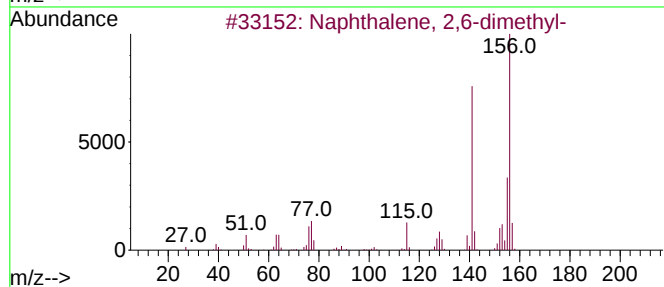
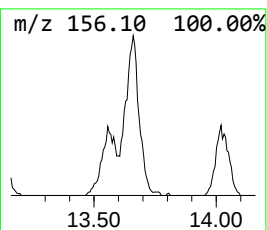
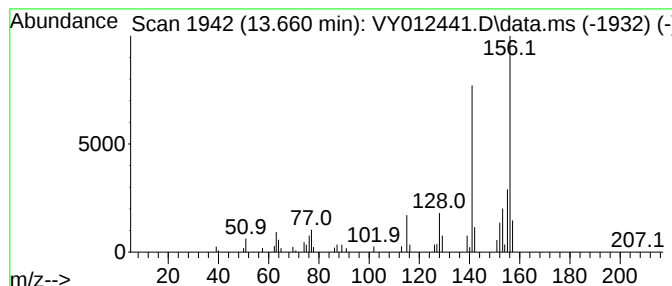
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	328.40 ug/l	77745	1,4-Dichlorobenzene-d4	13.428

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	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90



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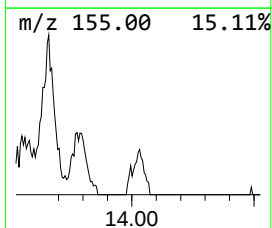
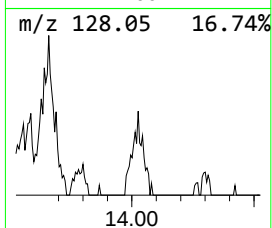
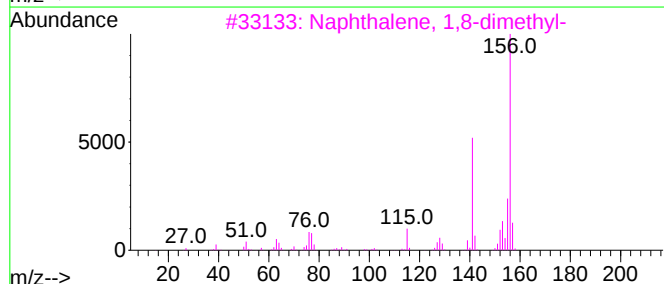
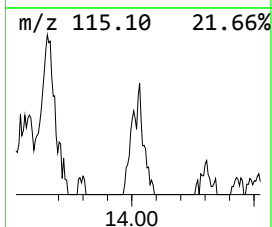
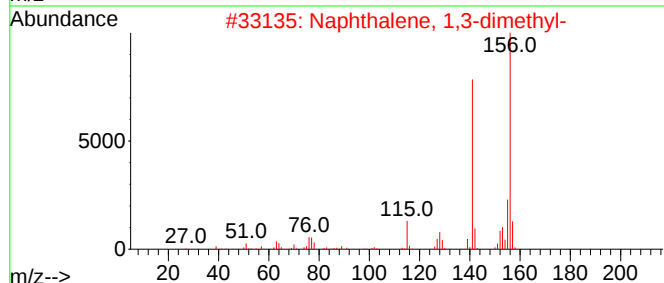
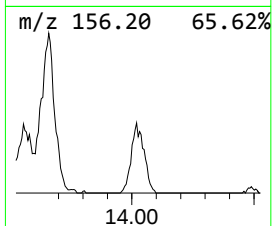
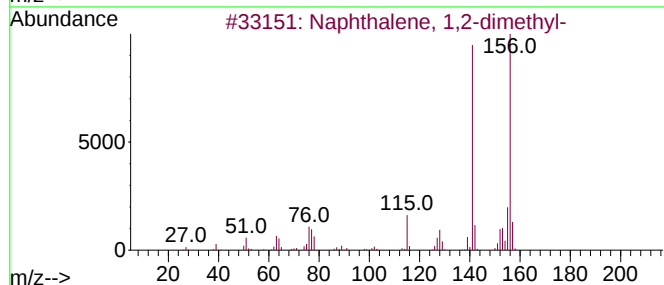
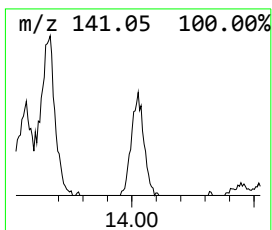
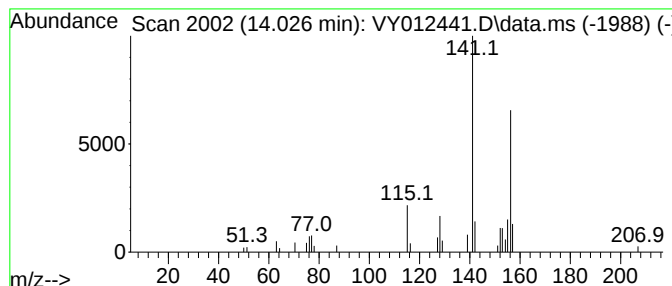
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.026	152.57 ug/l	36120	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012441.D
Acq On : 01 Feb 2023 14:52
Operator : KP/MD
Sample : 01382-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

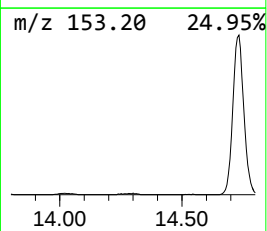
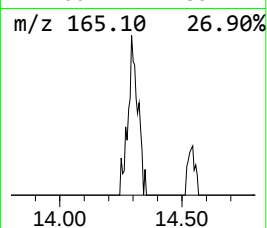
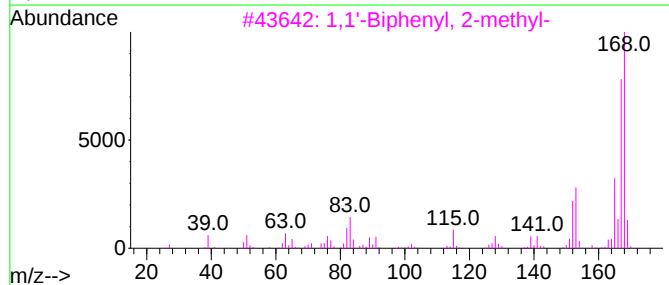
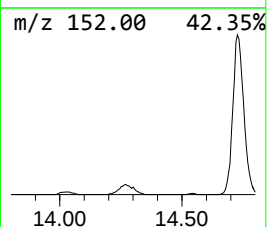
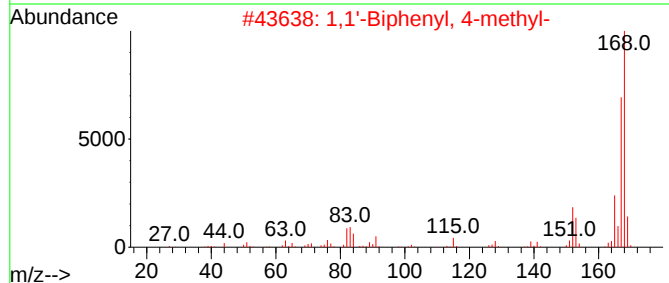
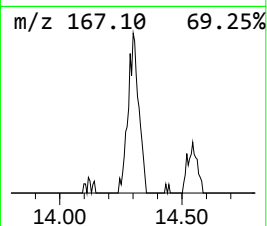
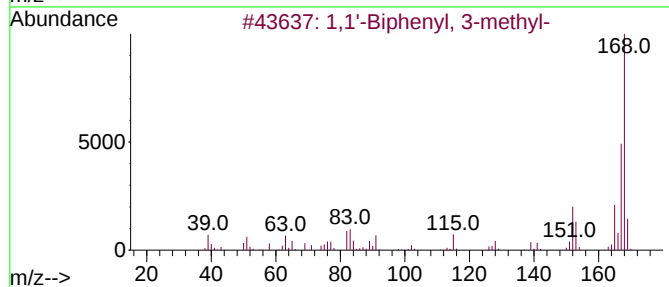
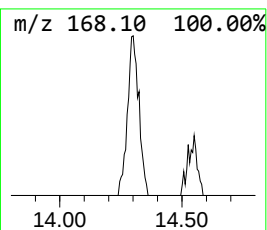
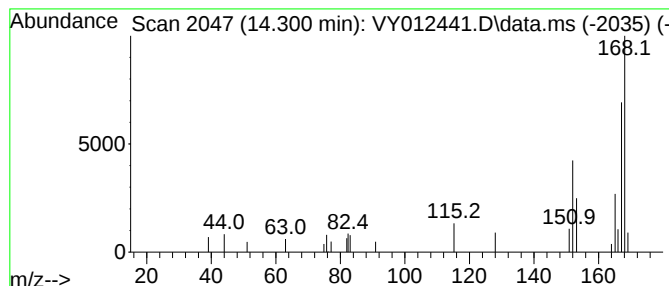
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Quant Title : SW846 8260

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

Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	86.70 ug/l	20525	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
4			Diphenylmethane	168	C13H12	000101-81-5	64
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012441.D
Acq On : 01 Feb 2023 14:52
Operator : KP/MD
Sample : 01382-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

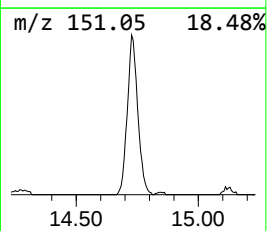
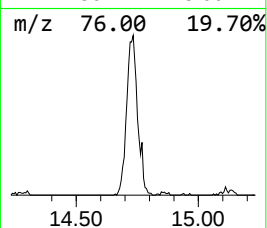
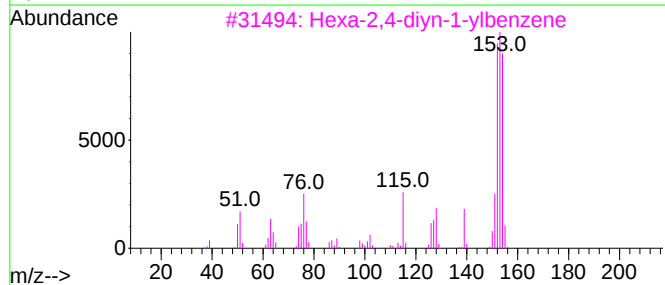
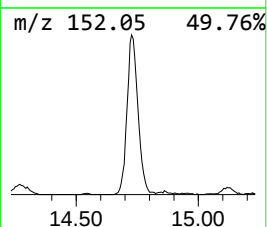
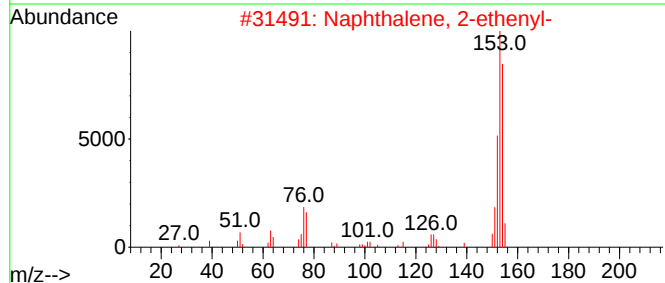
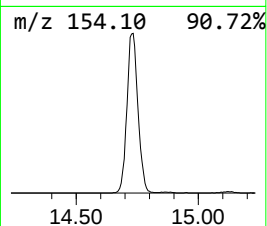
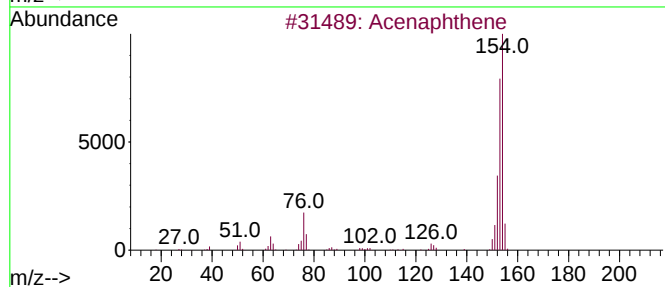
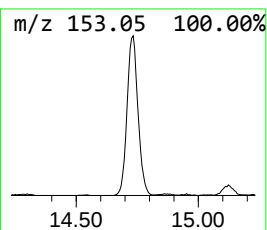
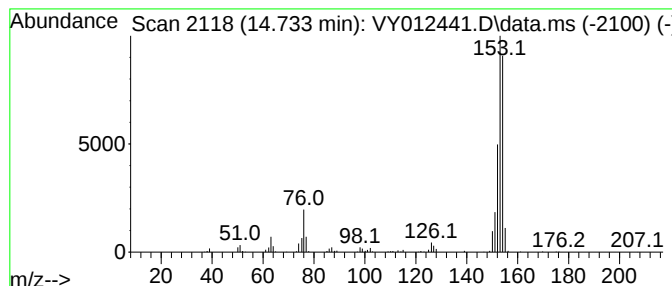
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	1803.79 ug/l	427030	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	59
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012441.D
Acq On : 01 Feb 2023 14:52
Operator : KP/MD
Sample : 01382-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

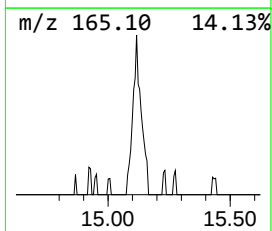
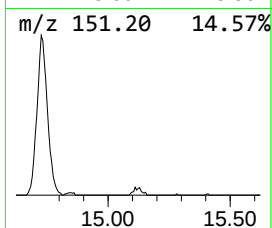
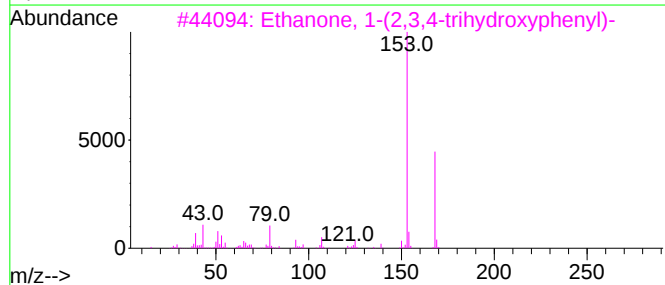
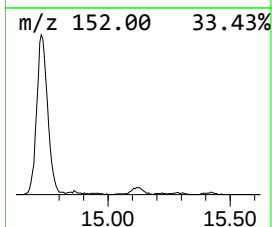
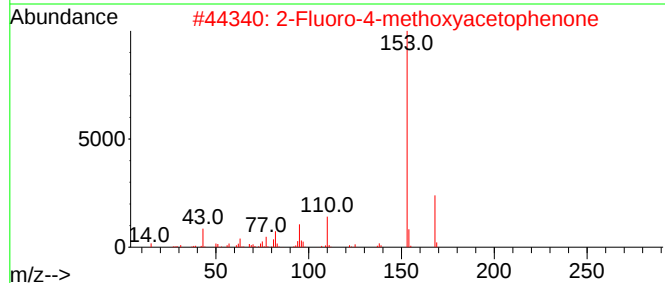
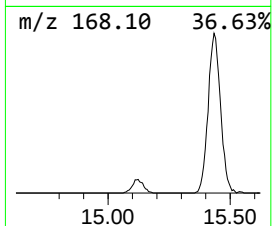
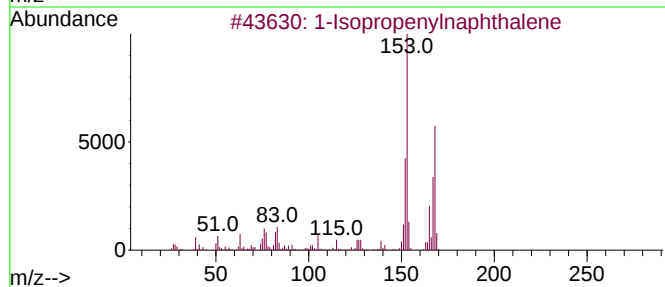
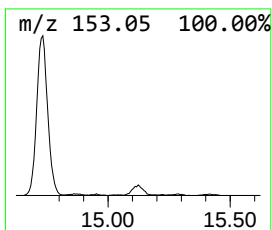
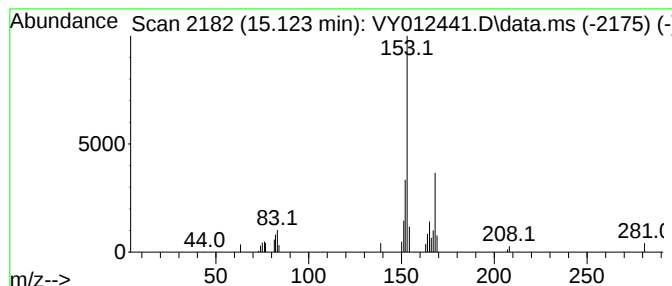
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Quant Title : SW846 8260

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	79.73 ug/l	18875	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2			2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	52
3			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	52
4			2,6-Dimethyl-6-methoxymethoxymet...	212	C12H20O3	1000431-31-6	50
5			2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012441.D
Acq On : 01 Feb 2023 14:52
Operator : KP/MD
Sample : 01382-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

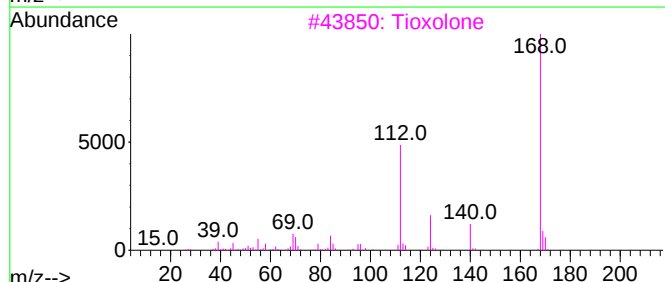
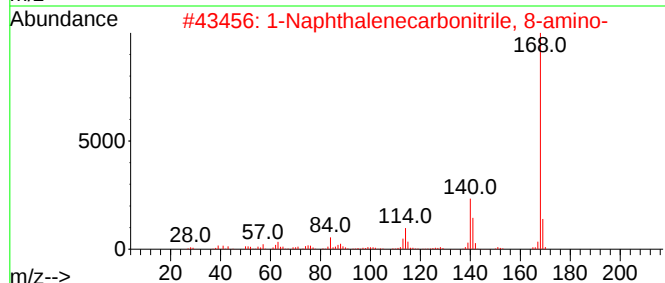
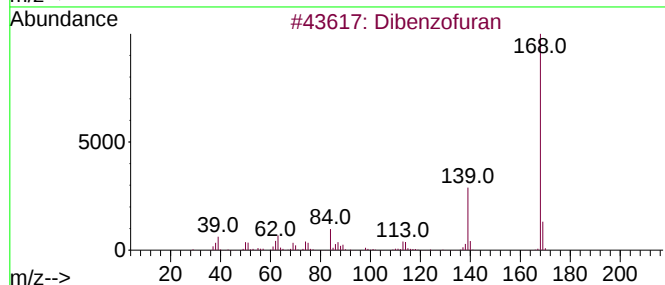
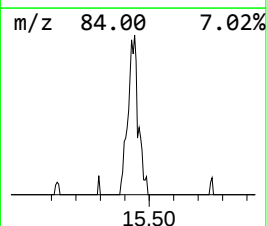
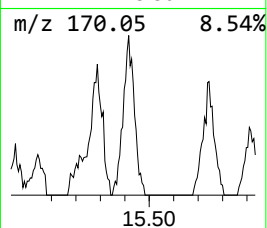
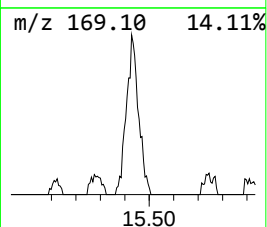
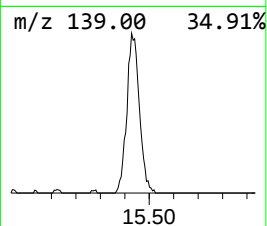
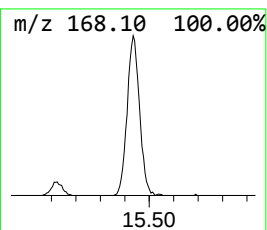
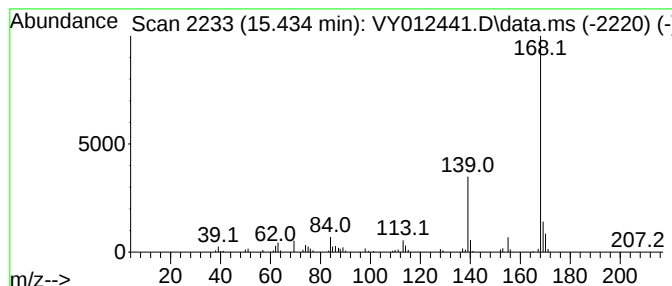
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	399.50 ug/l	94577	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	87
2			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
3			Tioxolone	168	C7H4O3S	004991-65-5	59
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
5			N-(3-Cyanophenyl)pyrrole	168	C11H8N2	175134-98-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012441.D
Acq On : 01 Feb 2023 14:52
Operator : KP/MD
Sample : 01382-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-013123

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.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
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Naphthalene, 2,...	12.941	1193.9	ug/l	282646	4	13.428	11837	50.0
Naphthalene, 1,...	13.069	211.2	ug/l	49990	4	13.428	11837	50.0
Naphthalene, 1,...	13.556	162.1	ug/l	38386	4	13.428	11837	50.0
Naphthalene, 2,...	13.660	328.4	ug/l	77745	4	13.428	11837	50.0
Naphthalene, 1,...	14.026	152.6	ug/l	36120	4	13.428	11837	50.0
1,1'-Biphenyl, ...	14.300	86.7	ug/l	20525	4	13.428	11837	50.0
Naphthalene, 2-...	14.733	1803.8	ug/l	427030	4	13.428	11837	50.0
1-Isopropenylna...	15.123	79.7	ug/l	18875	4	13.428	11837	50.0
1-Naphthaleneca...	15.434	399.5	ug/l	94577	4	13.428	11837	50.0