

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022737.D
 Acq On : 18 Jun 2025 14:54
 Operator : SY/MD
 Sample : Q2357-01
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-06182025

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M

Title : SW846 8260

Signal : TIC: VY022737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.086	51	60	62	rBV4	8706	20894	1.14%	0.328%
2	7.634	963	970	976	rBV3	12709	30302	1.65%	0.476%
3	7.707	976	982	992	rVB2	27342	61458	3.35%	0.966%
4	8.061	1032	1040	1051	rBV2	11511	26196	1.43%	0.412%
5	8.615	1124	1131	1139	rVB	37685	77417	4.22%	1.217%
6	10.103	1368	1375	1384	rBV	55581	97456	5.31%	1.532%
7	10.822	1475	1493	1494	rBV3	13128	44355	2.42%	0.697%
8	11.414	1583	1590	1598	rVB2	46379	77721	4.24%	1.222%
9	11.724	1613	1641	1644	rBV3	102481	476269	25.96%	7.486%
10	12.468	1736	1763	1777	rBV	255149	1285233	70.06%	20.202%
11	12.651	1782	1793	1813	rVB3	135734	688984	37.56%	10.830%
12	13.194	1867	1882	1891	rBV5	25568	123822	6.75%	1.946%
13	13.322	1893	1903	1904	rBV2	52861	102871	5.61%	1.617%
14	13.742	1957	1972	1984	rBV3	26786	108461	5.91%	1.705%
15	14.047	2002	2022	2034	rBV5	37019	169876	9.26%	2.670%
16	14.303	2053	2064	2073	rVB8	13569	50301	2.74%	0.791%
17	14.486	2077	2094	2108	rBV	611950	1834405	100.00%	28.835%
18	14.639	2109	2119	2129	rVV3	24538	79481	4.33%	1.249%
19	14.730	2129	2134	2142	rVB8	9243	24579	1.34%	0.386%
20	14.895	2153	2161	2172	rVB2	35886	107460	5.86%	1.689%
21	15.053	2181	2187	2196	rVB4	17359	53538	2.92%	0.842%
22	15.145	2196	2202	2204	rVV	55197	95885	5.23%	1.507%
23	15.193	2204	2210	2225	rVB2	124738	409668	22.33%	6.439%
24	15.498	2249	2260	2271	rVB6	11784	43198	2.35%	0.679%
25	15.669	2278	2288	2296	rBV5	9081	31417	1.71%	0.494%
26	16.175	2365	2371	2382	rVB	29433	61140	3.33%	0.961%
27	16.370	2396	2403	2413	rVB3	19943	46632	2.54%	0.733%
28	16.663	2439	2451	2462	rBV2	39431	132794	7.24%	2.087%

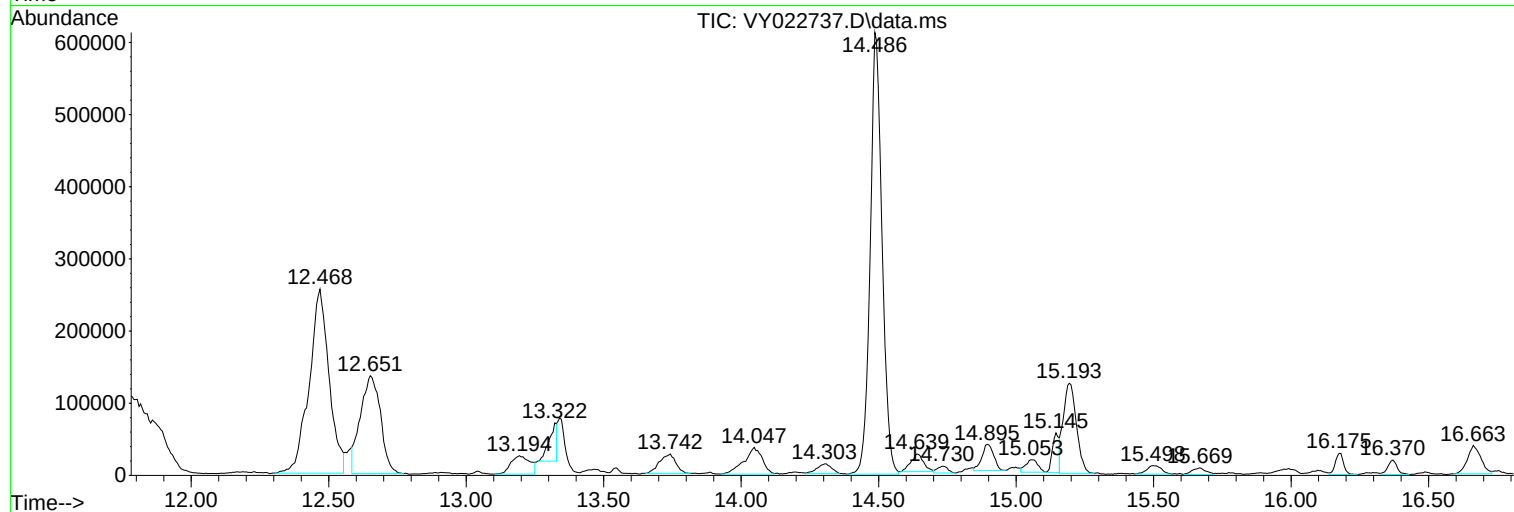
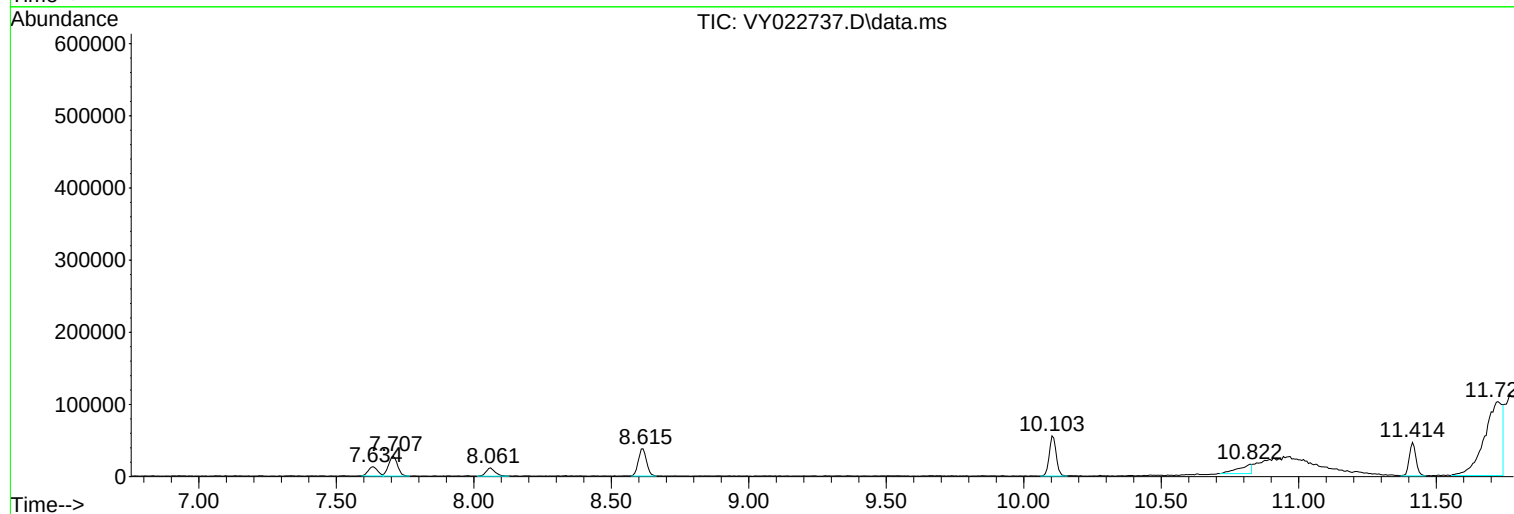
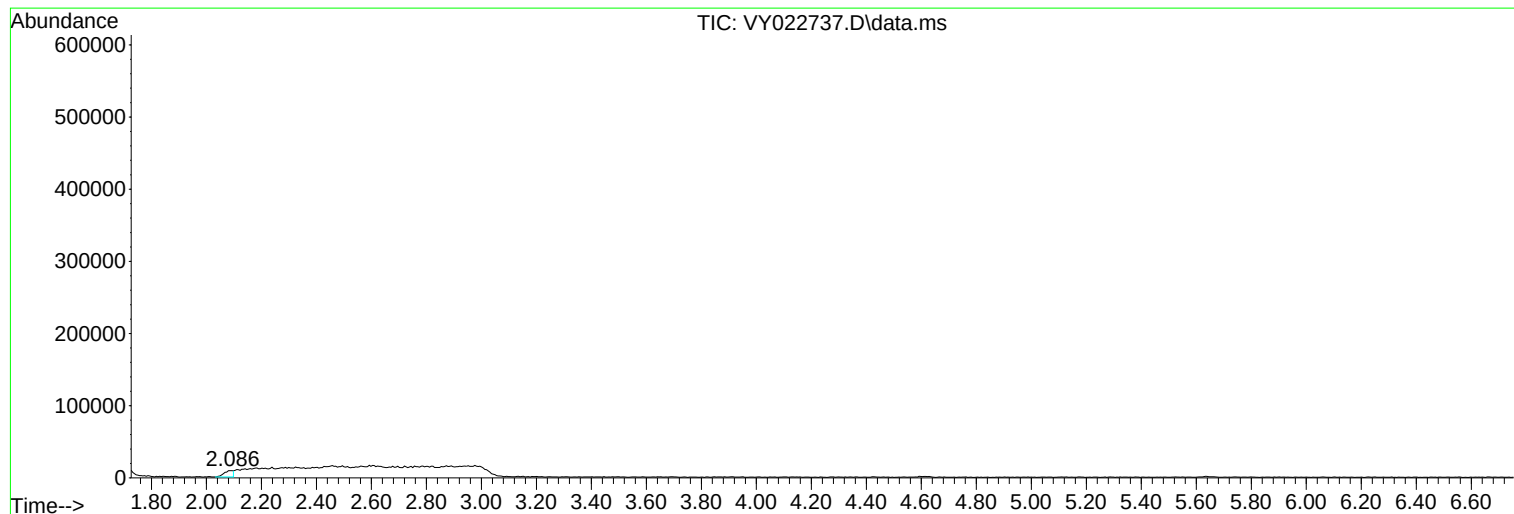
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-06182025

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

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



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Instrument :
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ClientSampleId :
TR-06-06182025

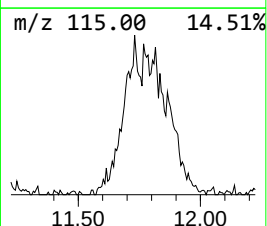
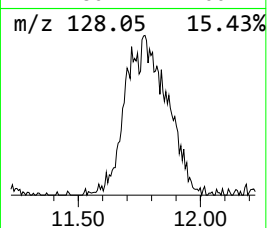
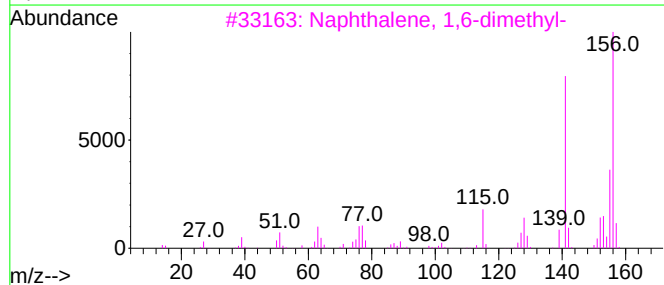
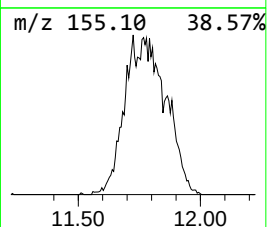
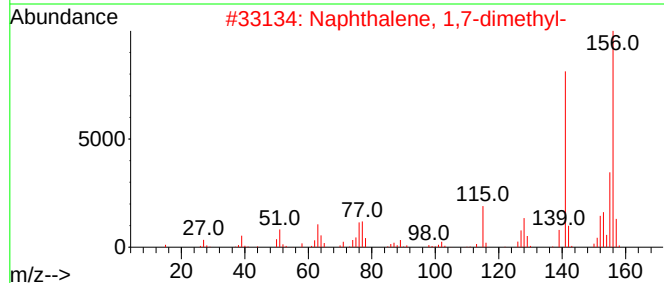
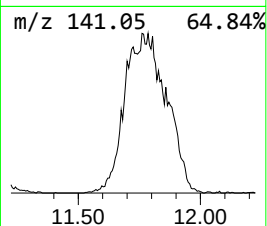
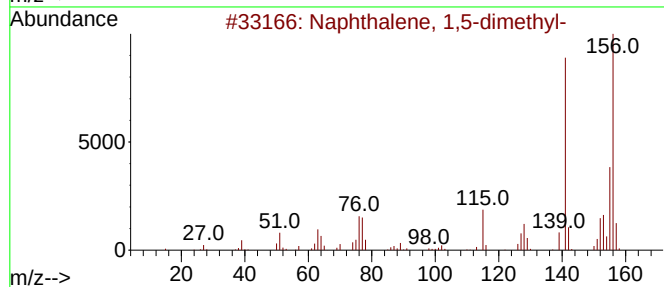
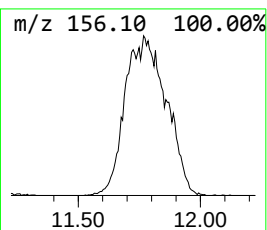
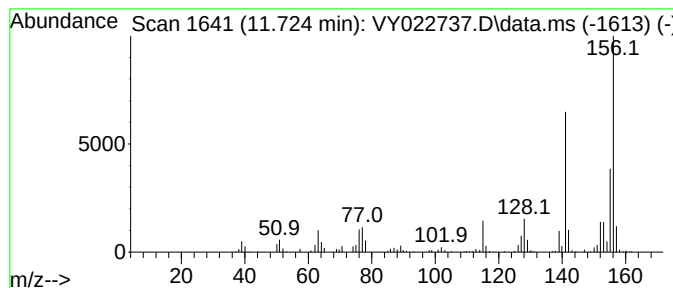
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.725	306.40 ug/l	476269	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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MSVOA_Y
ClientSampleId :
TR-06-06182025

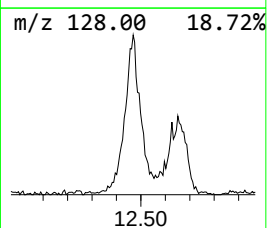
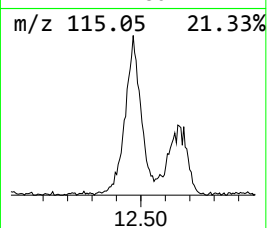
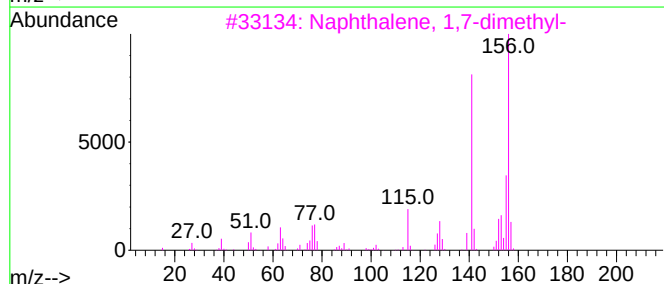
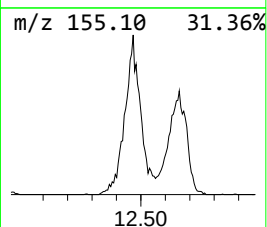
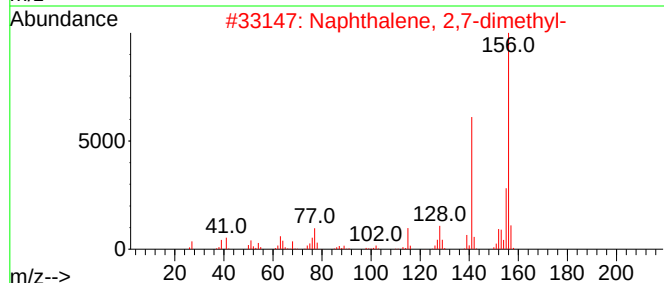
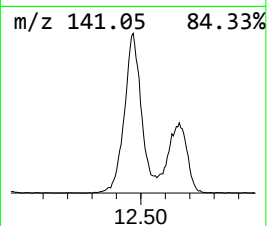
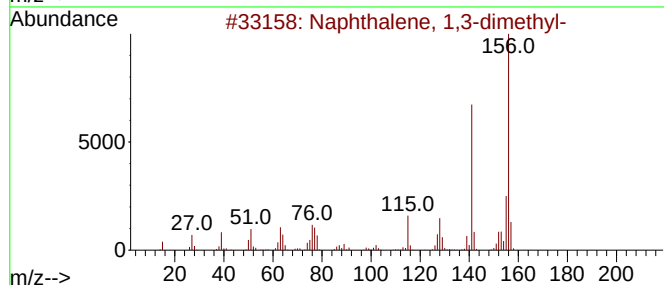
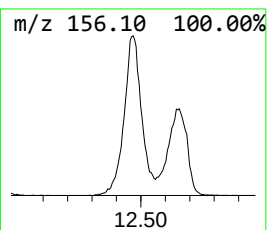
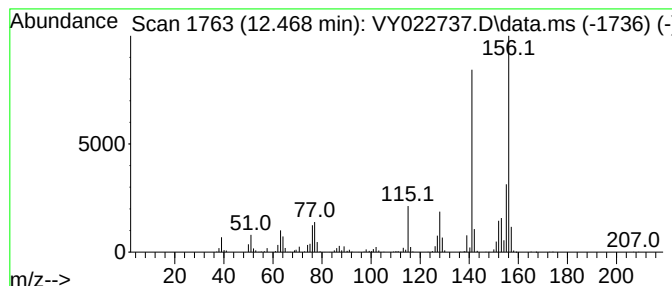
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	624.68 ug/l	1285230	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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ALS Vial : 11 Sample Multiplier: 1

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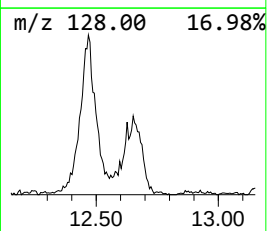
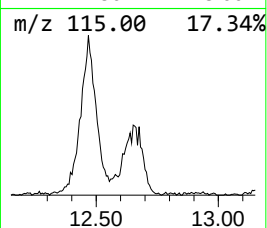
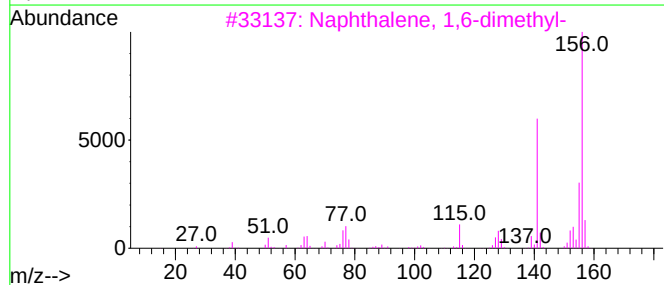
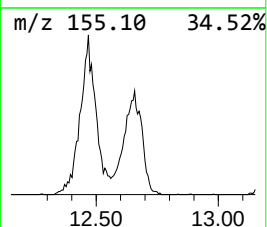
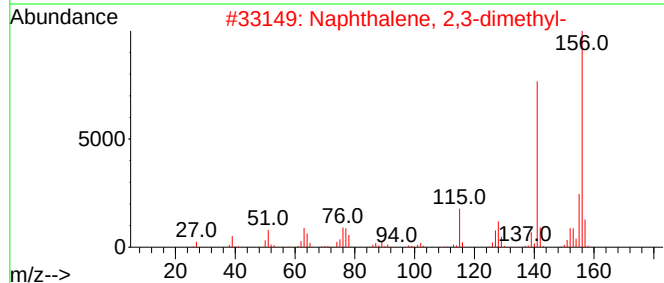
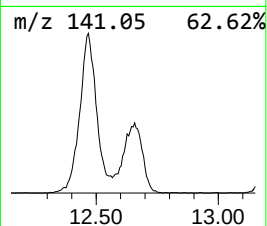
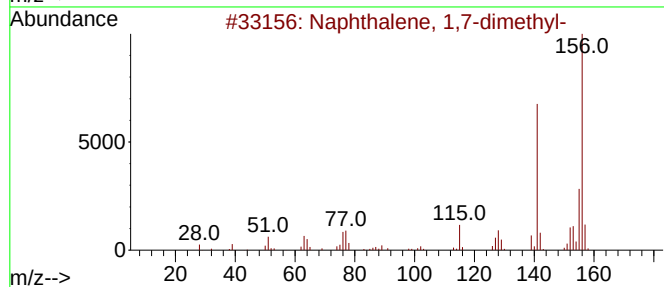
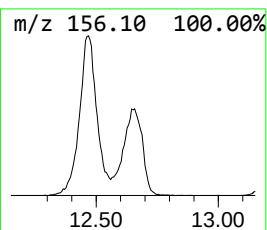
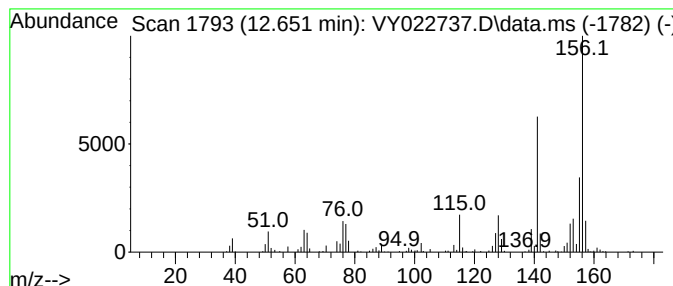
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	334.88 ug/l	688984	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

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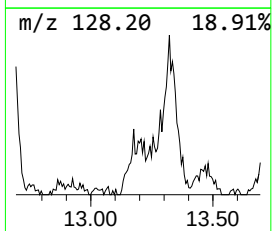
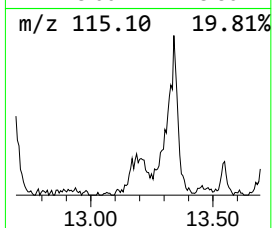
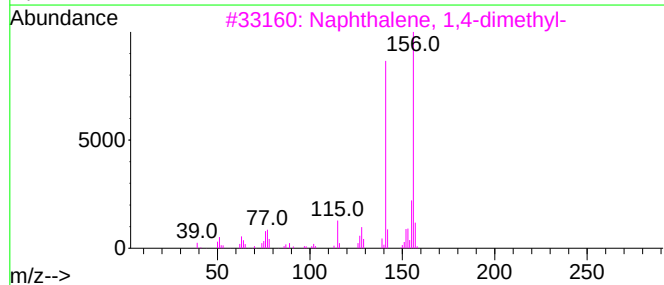
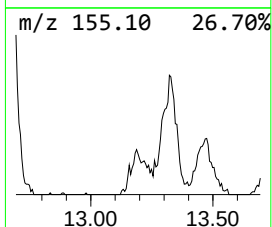
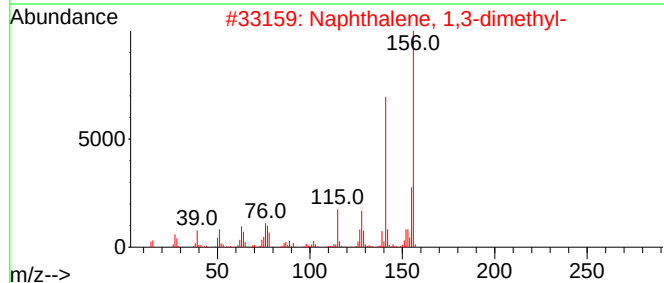
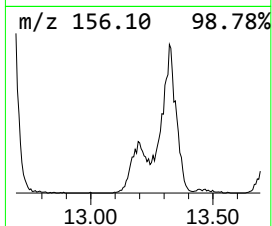
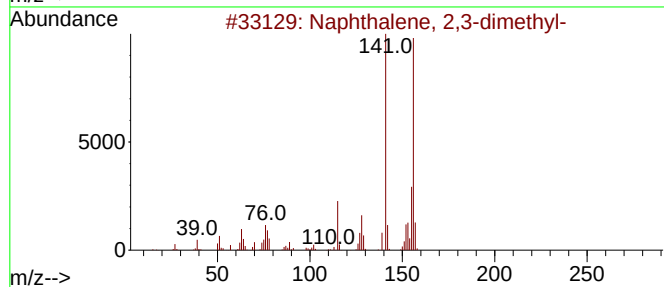
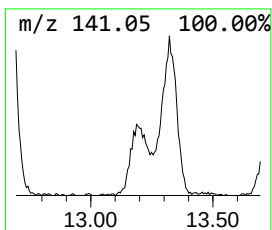
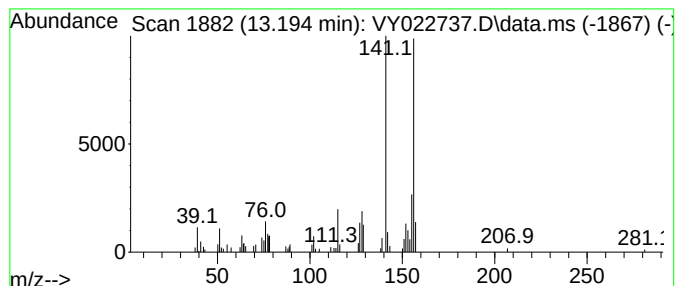
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.194	60.18 ug/l	123822	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



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ClientSampleId :
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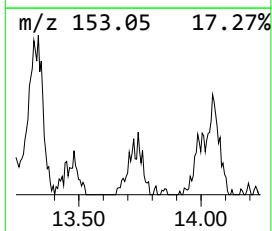
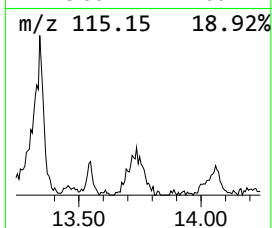
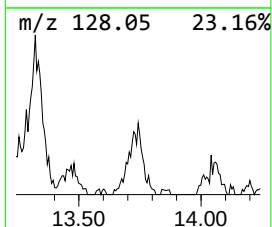
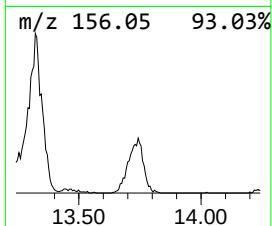
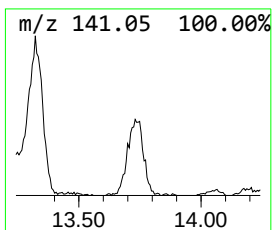
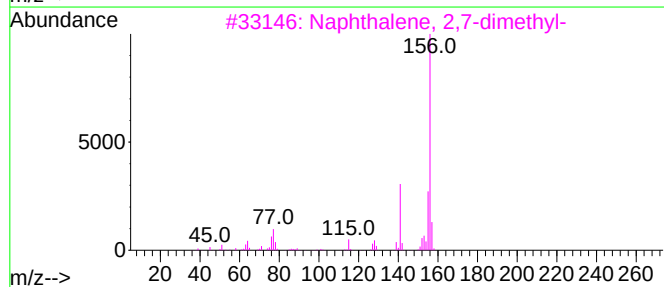
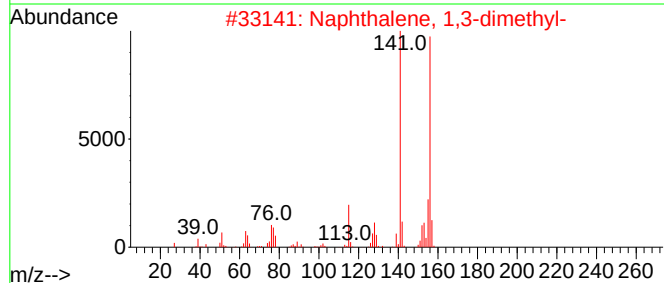
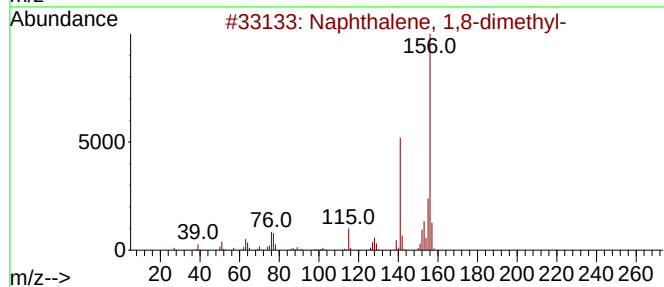
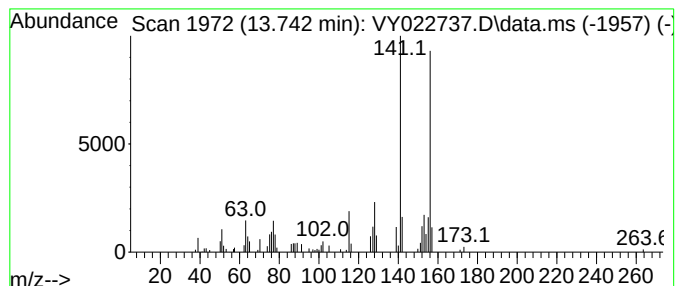
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.742	52.72 ug/l	108461	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



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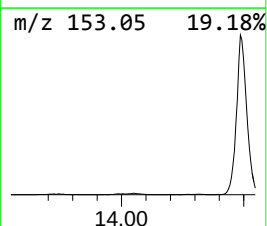
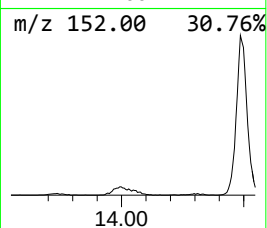
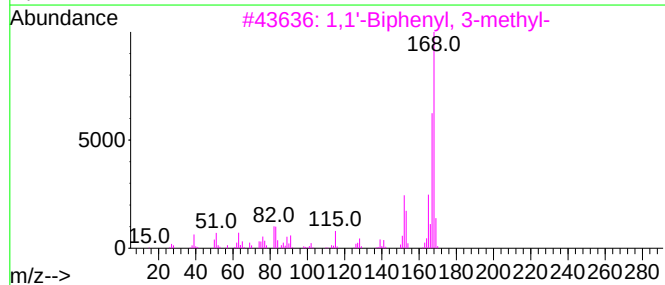
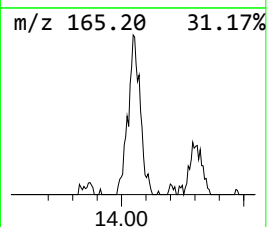
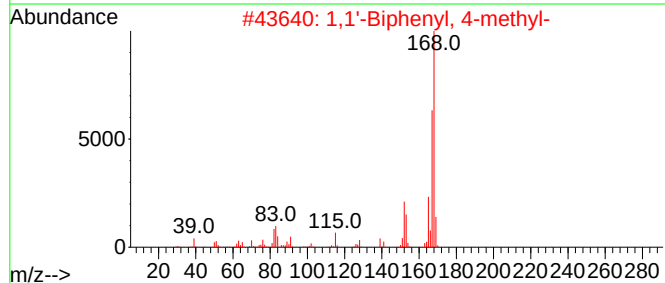
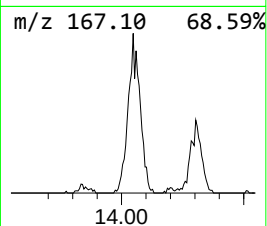
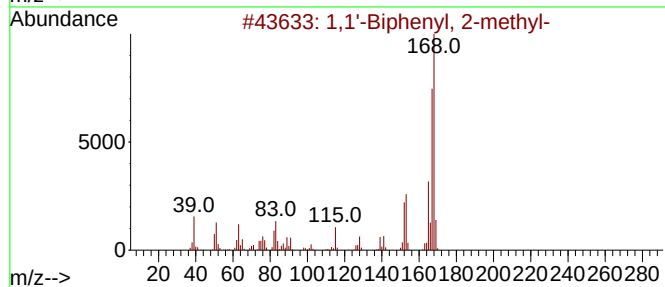
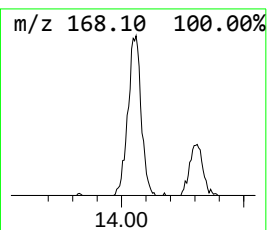
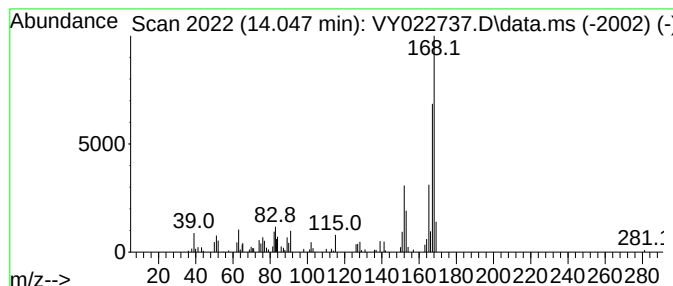
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.047	82.57 ug/l	169876	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93		
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93		
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93		
4	Diphenylmethane	168	C13H12	000101-81-5	87		
5	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	86		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022737.D
Acq On : 18 Jun 2025 14:54
Operator : SY/MD
Sample : Q2357-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-06182025

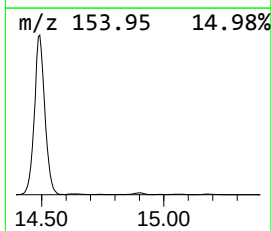
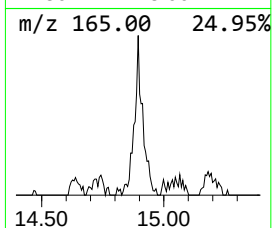
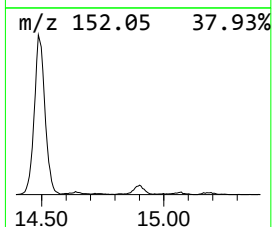
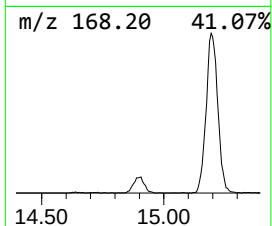
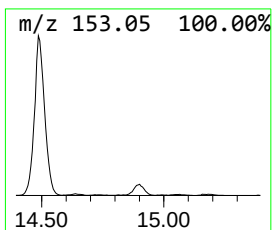
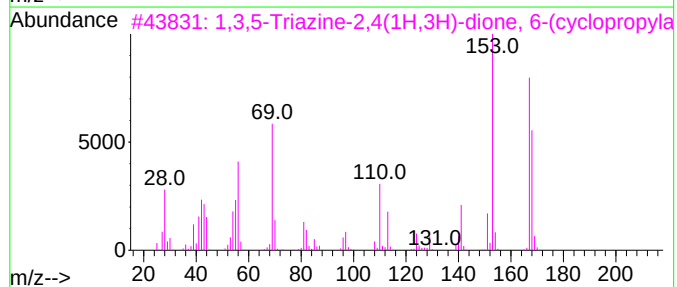
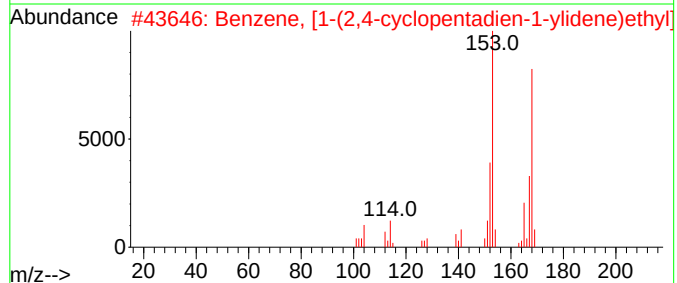
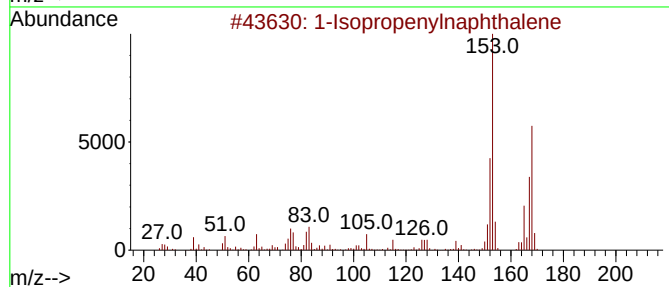
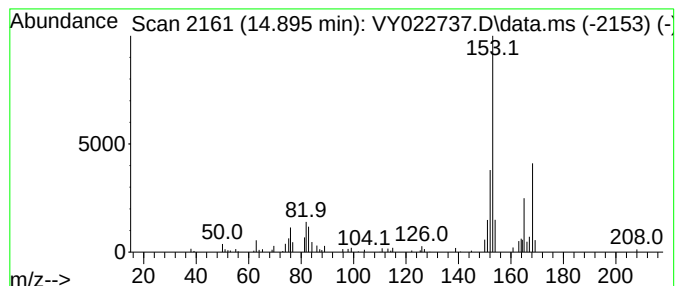
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.895	52.23 ug/l	107460	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3			1,3,5-Triazine-2,4(1H,3H)-dione,...	168	C6H8N4O2	092510-61-7	53
4			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022737.D
Acq On : 18 Jun 2025 14:54
Operator : SY/MD
Sample : Q2357-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-06182025

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	11.725	306.4	ug/l	476269	3	11.414	77721	50.0
Naphthalene, 1,...	12.468	624.7	ug/l	1285230	4	13.346	102871	50.0
Naphthalene, 1,...	12.651	334.9	ug/l	688984	4	13.346	102871	50.0
Naphthalene, 2,...	13.194	60.2	ug/l	123822	4	13.346	102871	50.0
Naphthalene, 1,...	13.742	52.7	ug/l	108461	4	13.346	102871	50.0
1,1'-Biphenyl, ...	14.047	82.6	ug/l	169876	4	13.346	102871	50.0
1-Isopropenylna...	14.895	52.2	ug/l	107460	4	13.346	102871	50.0