

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031906.D
 Acq On : 23 Jul 2025 12:36
 Operator : SY/MD
 Sample : Q2674-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-072225

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_W\Method\82W072225S.M
 Title : SW846 8260

Signal : TIC: VW031906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.904	975	987	991	rBV	185690	446198	3.83%	0.918%
2	7.959	991	996	1009	rVB2	310094	707052	6.07%	1.455%
3	8.319	1047	1055	1066	rBV	194681	455263	3.91%	0.937%
4	8.849	1133	1142	1154	rBV	502737	1053598	9.04%	2.168%
5	10.325	1378	1384	1392	rBV	785402	1418449	12.17%	2.919%
6	11.306	1528	1545	1576	rVB4	363103	3322449	28.51%	6.838%
7	11.629	1593	1598	1610	rVB	744699	1369634	11.75%	2.819%
8	12.397	1713	1724	1747	rVB3	757453	4375391	37.55%	9.005%
9	12.617	1755	1760	1773	rVB2	825717	1926554	16.53%	3.965%
10	12.842	1777	1797	1798	rBV2	1999638	6644739	57.02%	13.676%
11	13.281	1855	1869	1882	rBV3	2651992	11653539	100.00%	23.985%
12	13.422	1882	1892	1908	rVB2	1433754	6175978	53.00%	12.711%
13	13.556	1908	1914	1920	rBV	710222	1150458	9.87%	2.368%
14	13.842	1951	1961	1967	rBV3	309001	1095049	9.40%	2.254%
15	13.934	1967	1976	1986	rVB	766146	2605749	22.36%	5.363%
16	14.269	2021	2031	2053	rVB3	373285	1536506	13.18%	3.162%
17	14.507	2062	2070	2083	rVB3	186201	666904	5.72%	1.373%
18	14.732	2101	2107	2116	rVB3	73550	208493	1.79%	0.429%
19	14.933	2130	2140	2150	rVB2	208894	722289	6.20%	1.487%
20	15.043	2150	2158	2168	rBV2	69526	246215	2.11%	0.507%
21	15.360	2205	2210	2220	rVB	95149	175211	1.50%	0.361%
22	15.604	2243	2250	2274	rVB6	52689	242824	2.08%	0.500%
23	16.433	2379	2386	2392	rBV	101821	229335	1.97%	0.472%
24	16.634	2412	2419	2429	rVB	69319	159461	1.37%	0.328%

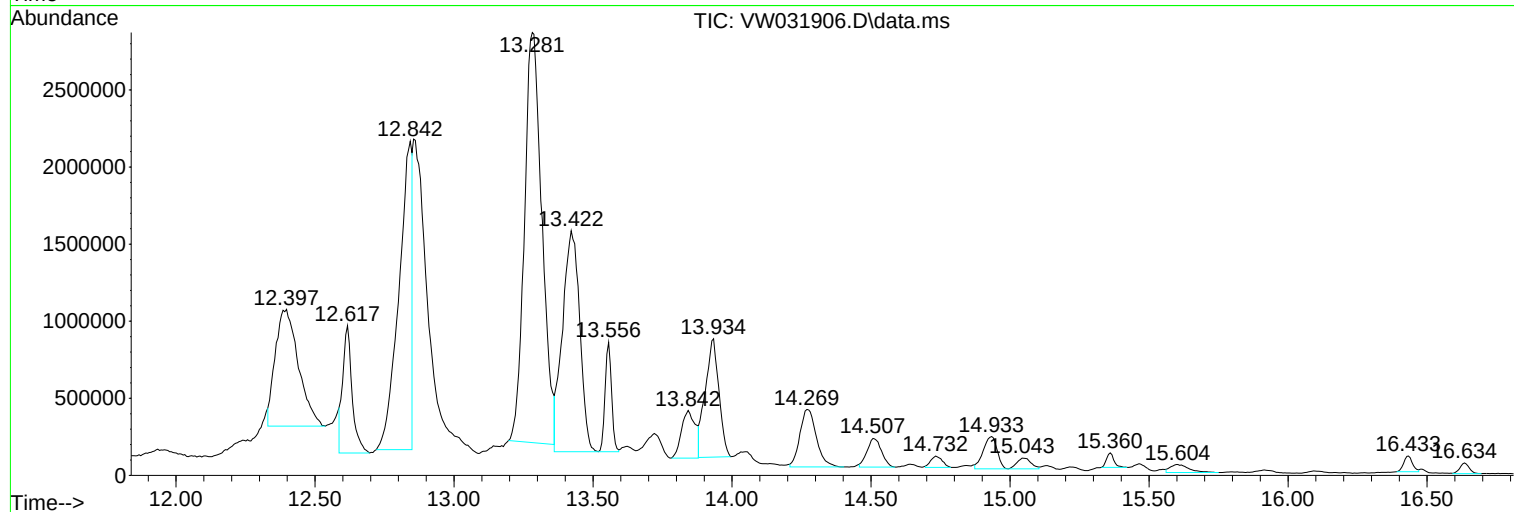
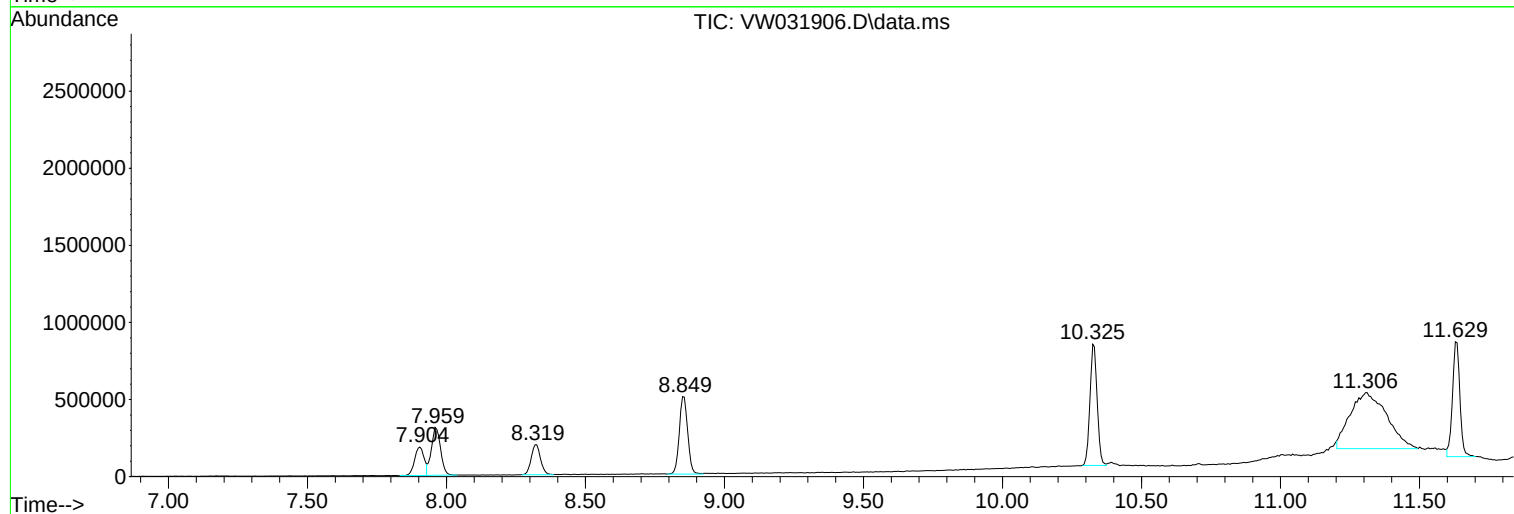
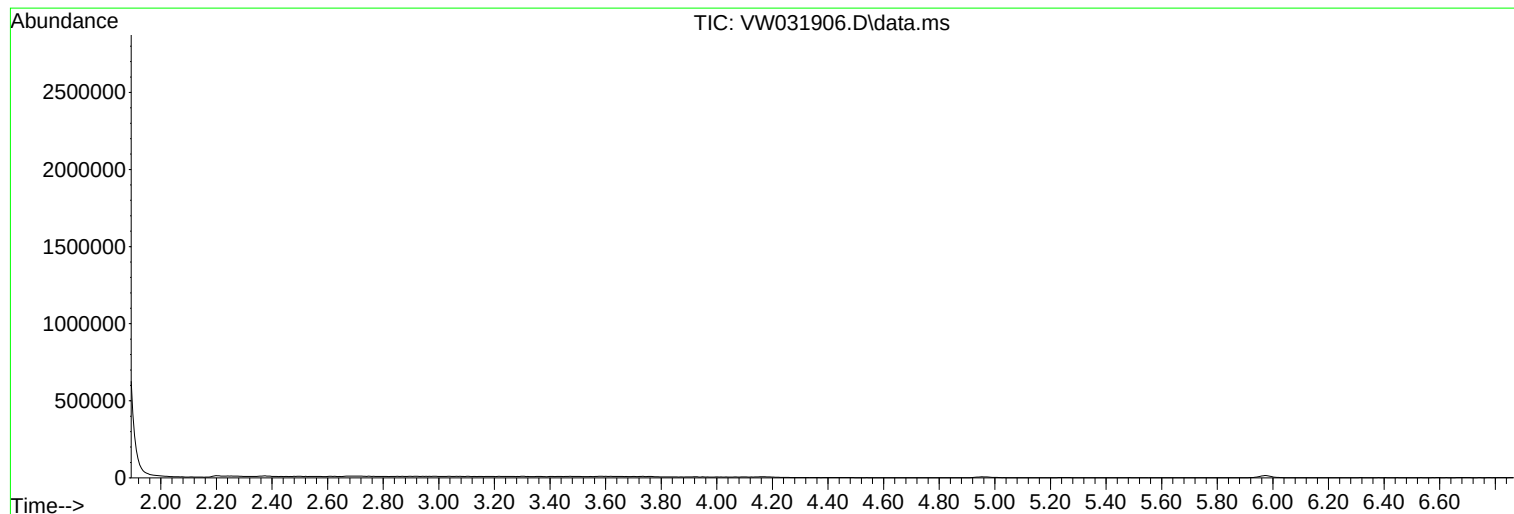
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-04-072225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.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 :
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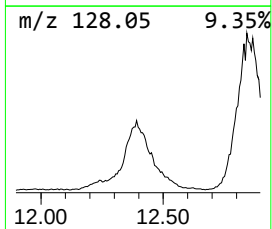
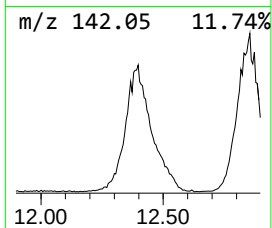
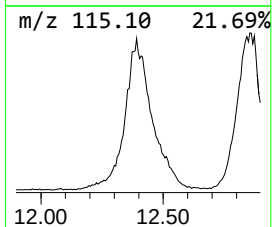
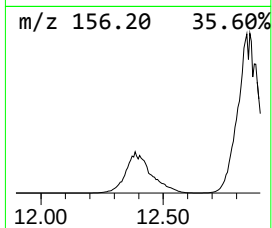
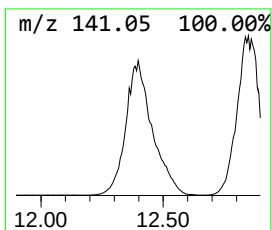
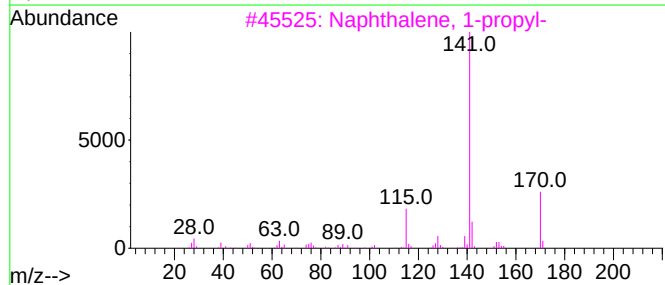
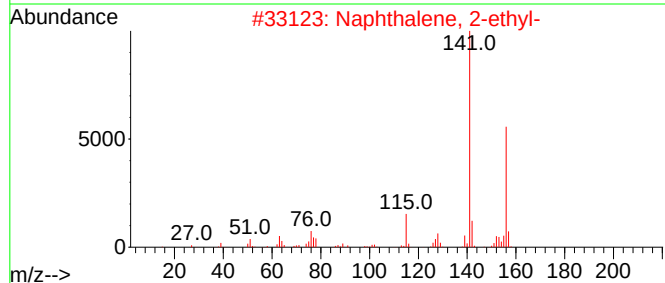
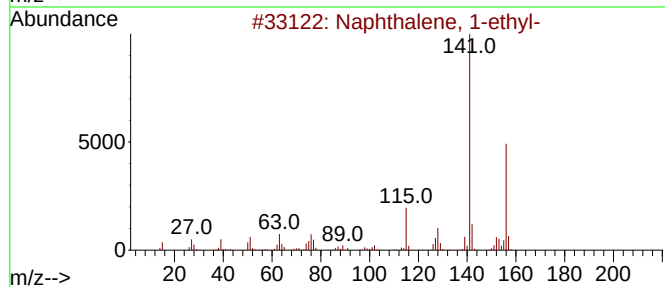
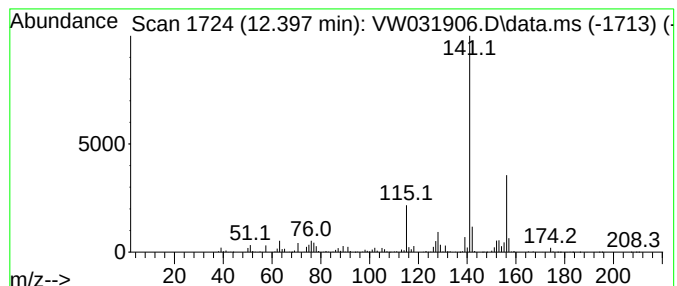
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	159.73 ug/l	4375390	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
4			3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5			Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	53



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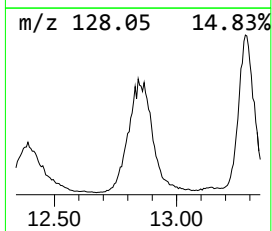
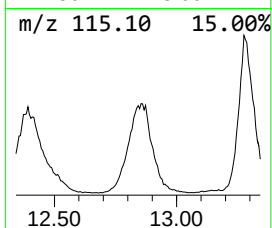
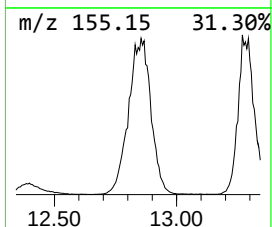
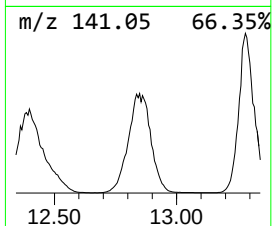
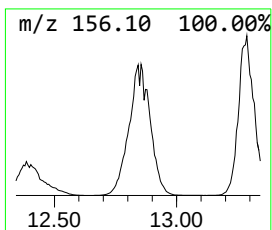
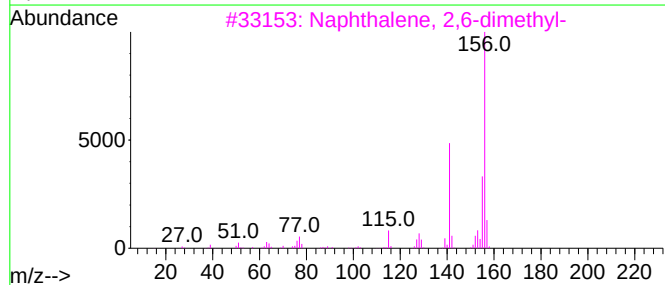
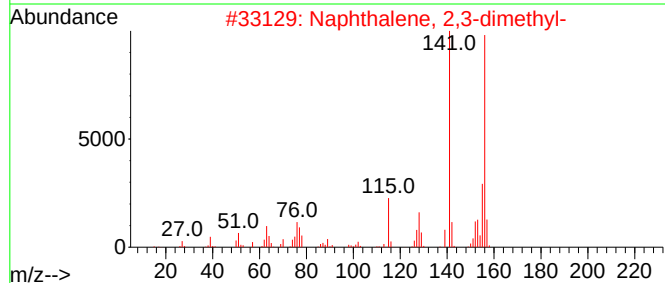
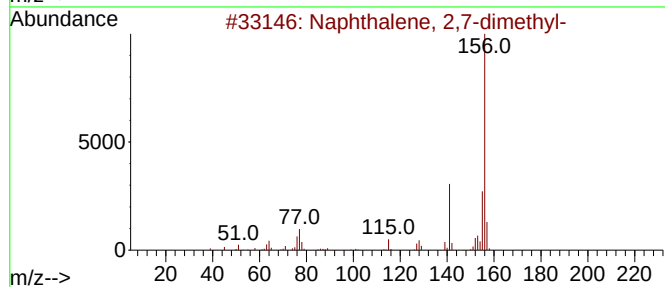
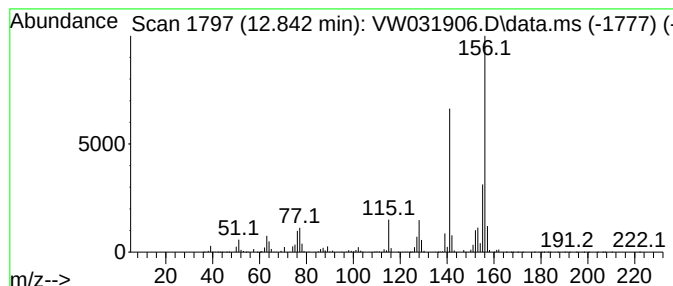
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.842	288.79 ug/l	6644740	1,4-Dichlorobenzene-d4	13.556

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



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Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-072225

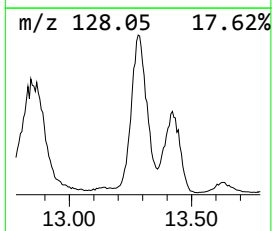
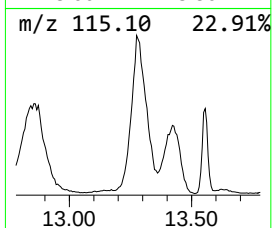
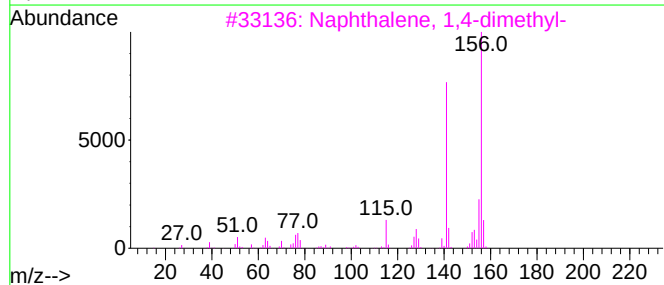
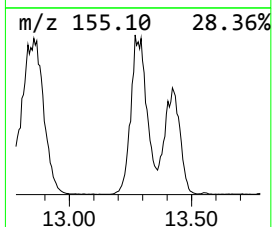
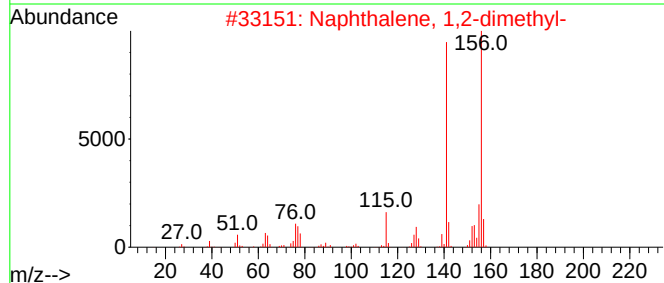
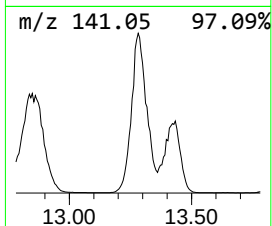
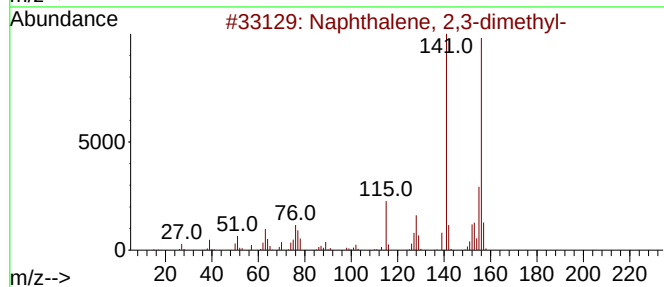
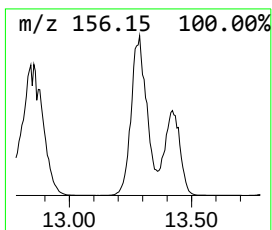
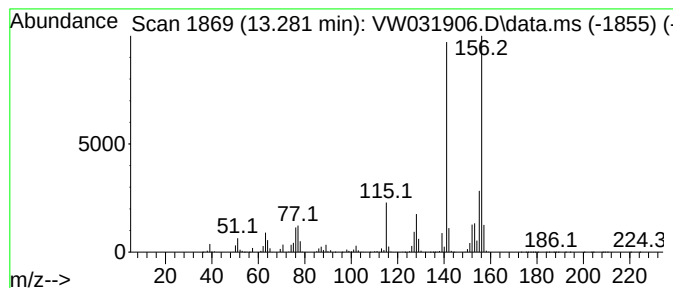
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	506.47 ug/l	11653500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-072225

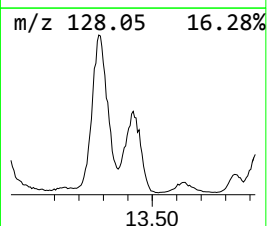
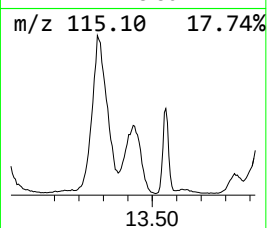
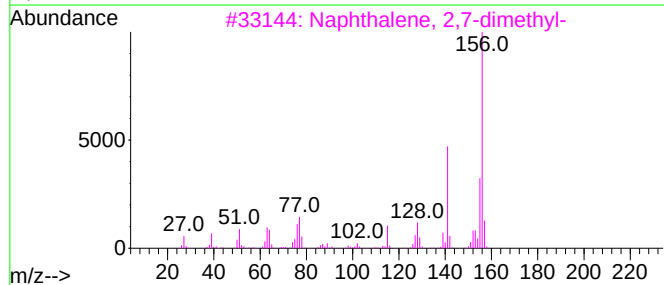
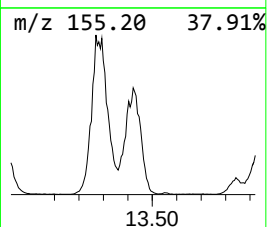
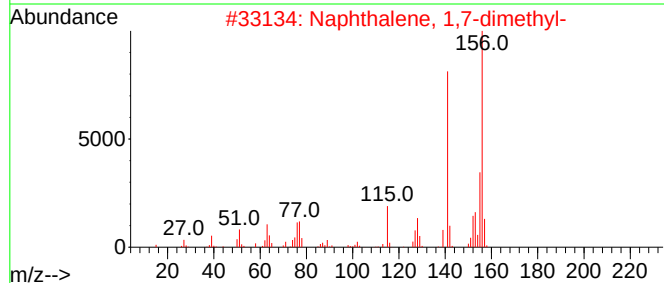
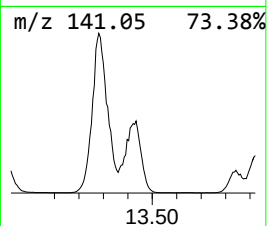
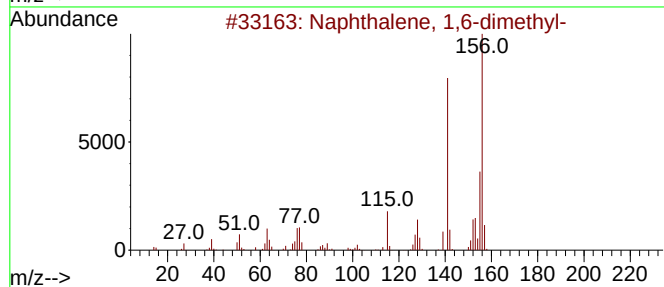
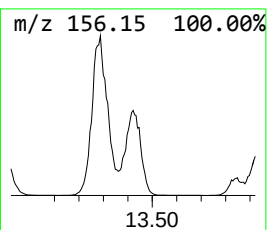
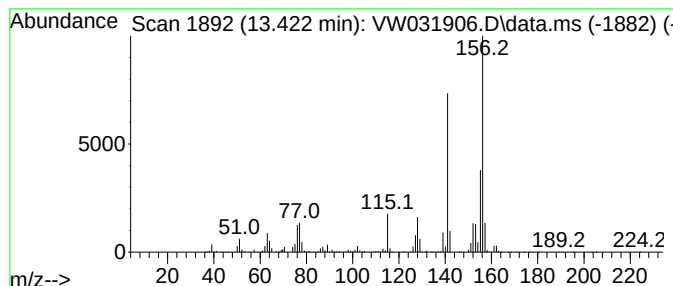
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	268.41 ug/l	6175980	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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Instrument :
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ClientSampleId :
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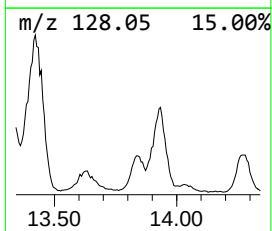
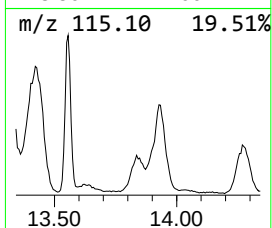
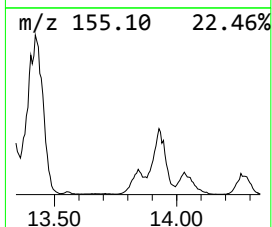
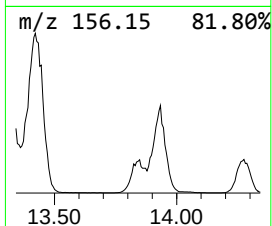
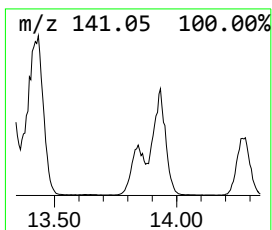
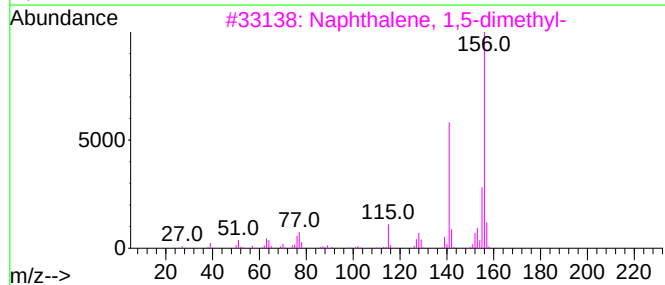
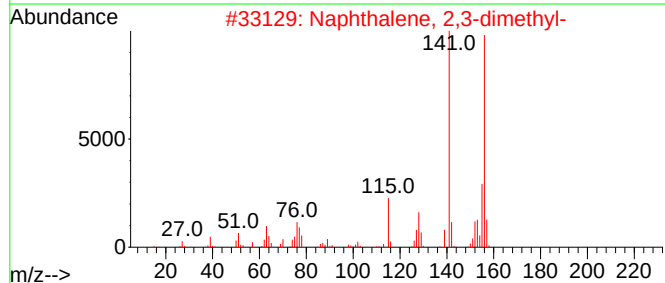
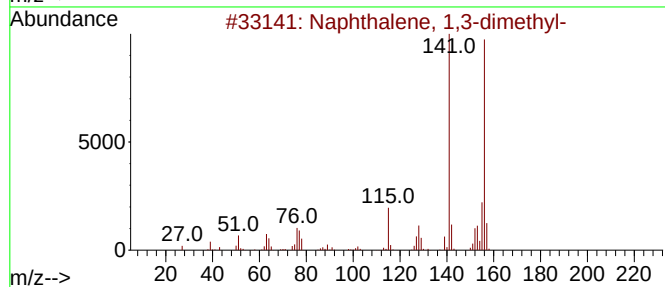
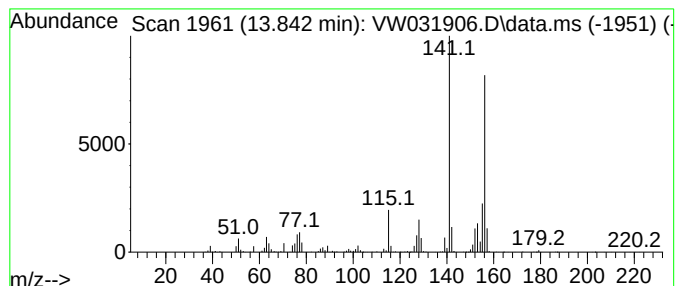
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.842	47.59 ug/l	1095050	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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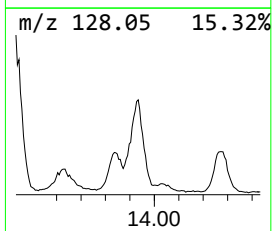
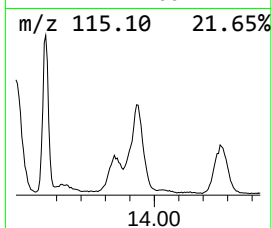
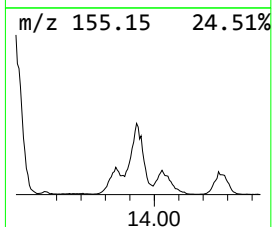
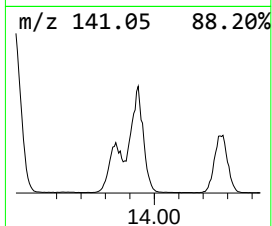
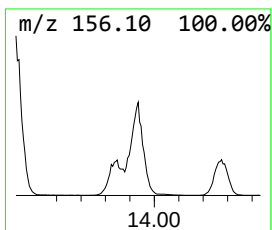
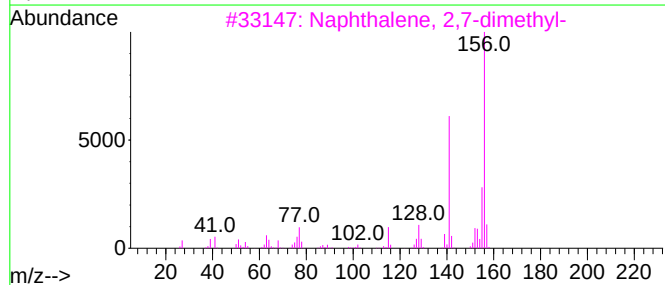
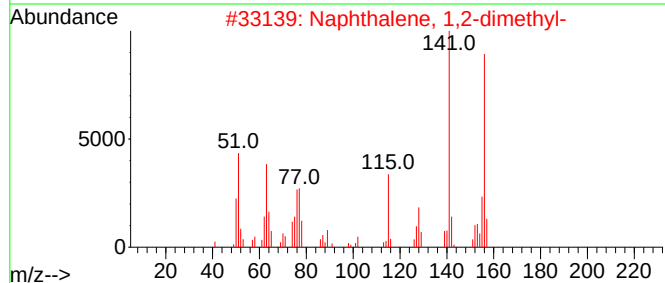
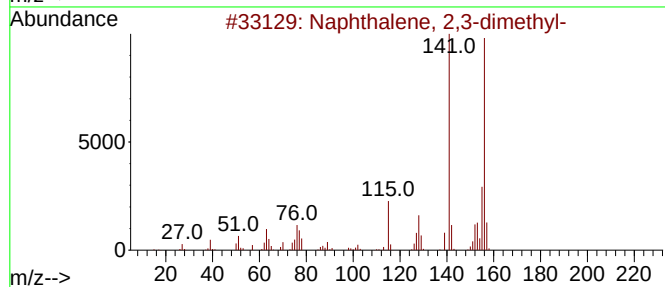
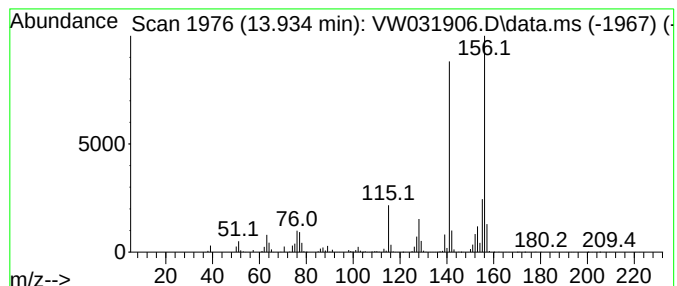
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	113.25 ug/l	2605750	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031906.D
Acq On : 23 Jul 2025 12:36
Operator : SY/MD
Sample : Q2674-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-04-072225

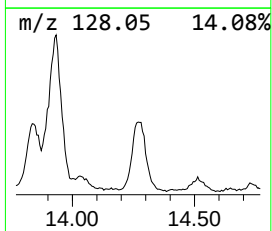
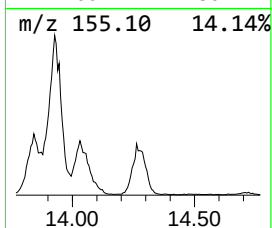
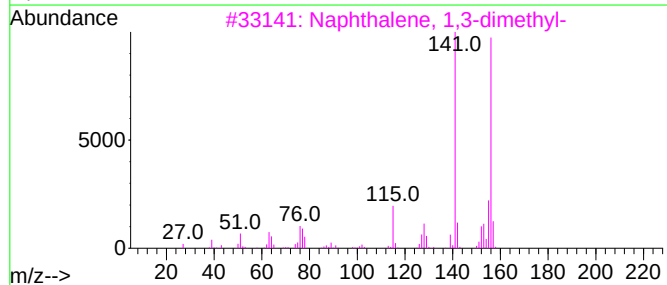
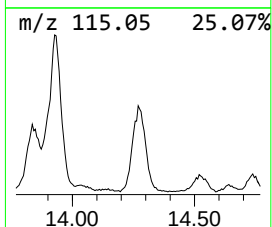
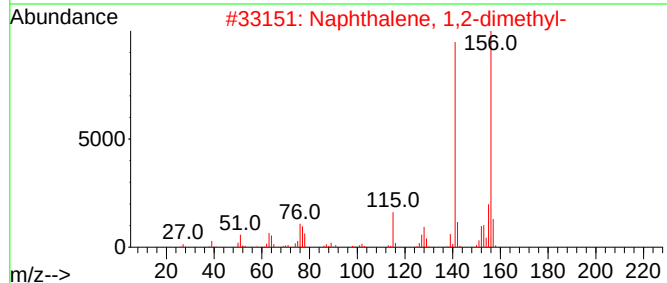
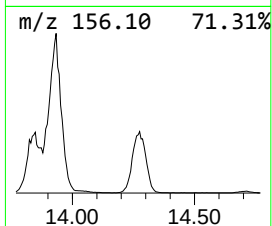
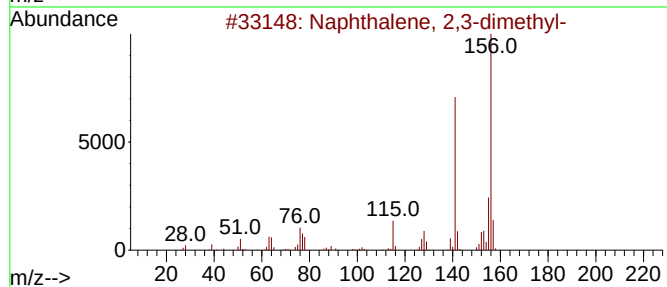
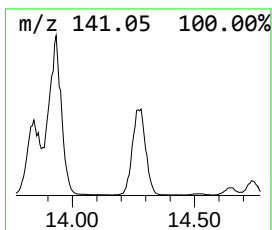
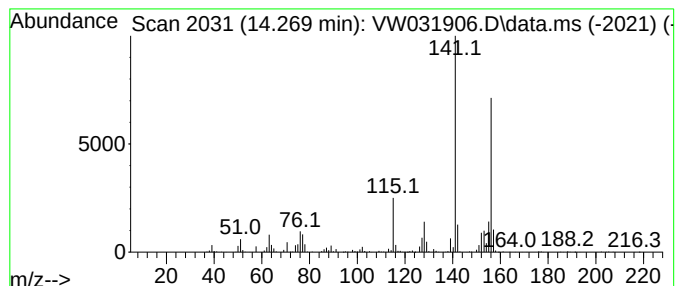
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Quant Title : SW846 8260

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.
14.269	66.78 ug/l	1536510	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031906.D
Acq On : 23 Jul 2025 12:36
Operator : SY/MD
Sample : Q2674-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-04-072225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.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-...	12.397	159.7	ug/l	4375390	3	11.635	1369630	50.0
Naphthalene, 2,...	12.842	288.8	ug/l	6644740	4	13.556	1150460	50.0
Naphthalene, 2,...	13.281	506.5	ug/l	11653500	4	13.556	1150460	50.0
Naphthalene, 1,...	13.422	268.4	ug/l	6175980	4	13.556	1150460	50.0
Naphthalene, 1,...	13.842	47.6	ug/l	1095050	4	13.556	1150460	50.0
Naphthalene, 1,...	13.934	113.3	ug/l	2605750	4	13.556	1150460	50.0
Naphthalene, 1,...	14.269	66.8	ug/l	1536510	4	13.556	1150460	50.0