

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031798.D
 Acq On : 10 Jul 2025 13:25
 Operator : SY/MD
 Sample : Q2529-05
 Misc : 5.54g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-98

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\82W063025S.M
 Title : SW846 8260

Signal : TIC: VW031798.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.966	493	505	525	rBV3	18087	75995	6.09%	0.830%
2	5.972	660	670	682	rVB4	13896	42584	3.41%	0.465%
3	7.904	976	987	991	rBV	160997	367246	29.43%	4.009%
4	7.965	991	997	1007	rVB	248201	568283	45.55%	6.203%
5	8.319	1045	1055	1067	rBV	166173	382488	30.66%	4.175%
6	8.856	1134	1143	1157	rBV	451996	917656	73.55%	10.017%
7	10.331	1377	1385	1396	rBV	660385	1202253	96.36%	13.123%
8	11.629	1591	1598	1607	rBV	670464	1147485	91.97%	12.525%
9	12.611	1752	1759	1770	rVB3	597877	1247701	100.00%	13.619%
10	12.836	1780	1796	1812	rBV4	120929	720982	57.78%	7.870%
11	13.257	1857	1865	1866	rBV3	168742	291044	23.33%	3.177%
12	13.410	1885	1890	1902	rVB3	72216	260895	20.91%	2.848%
13	13.556	1908	1914	1930	rVB2	670009	1111188	89.06%	12.129%
14	15.050	2150	2159	2169	rBV7	47781	170871	13.69%	1.865%
15	15.196	2176	2183	2197	rVB	153257	434245	34.80%	4.740%
16	15.586	2242	2247	2267	rVB5	38724	164824	13.21%	1.799%
17	16.092	2324	2330	2333	rBV5	24550	55482	4.45%	0.606%

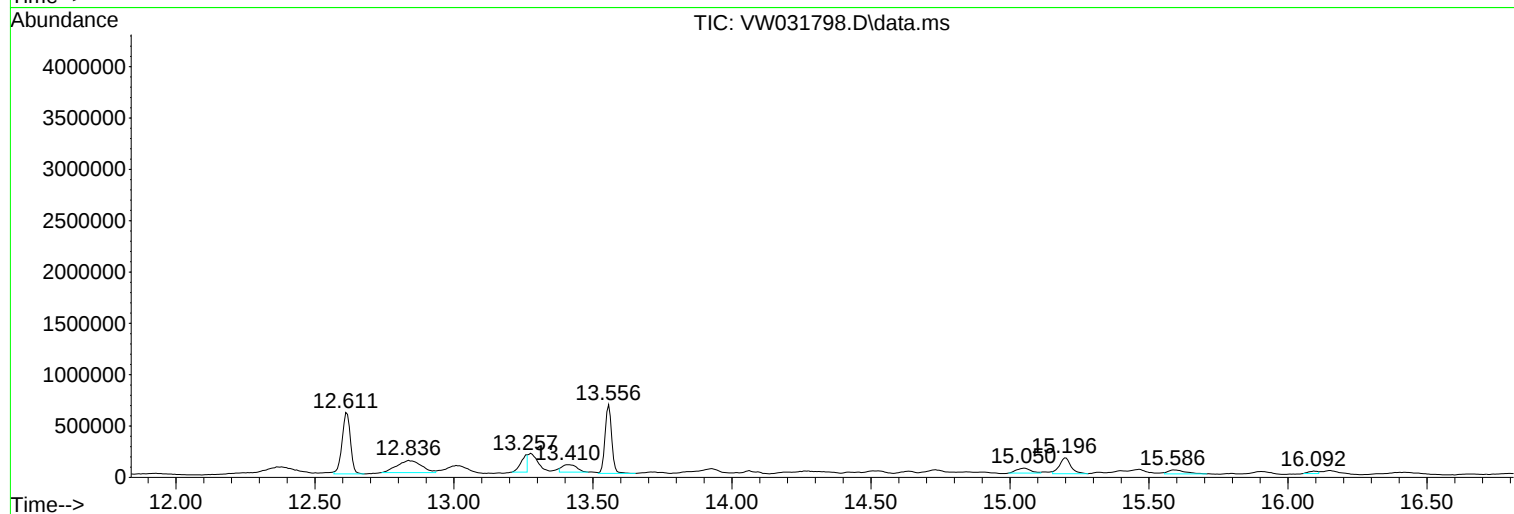
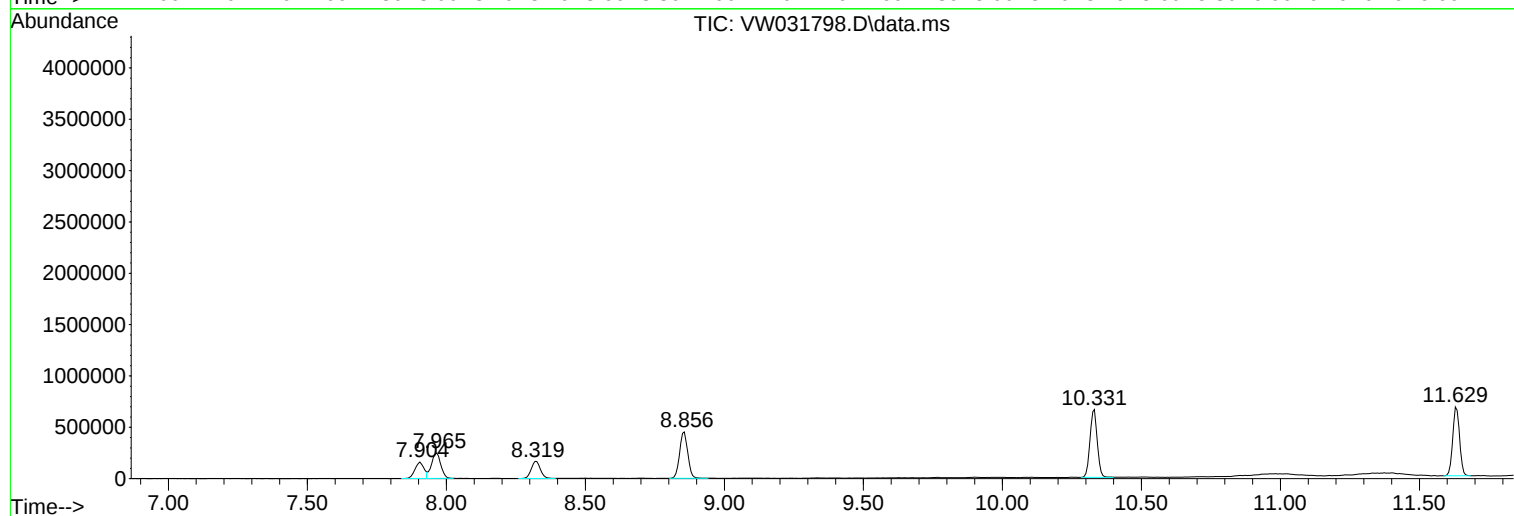
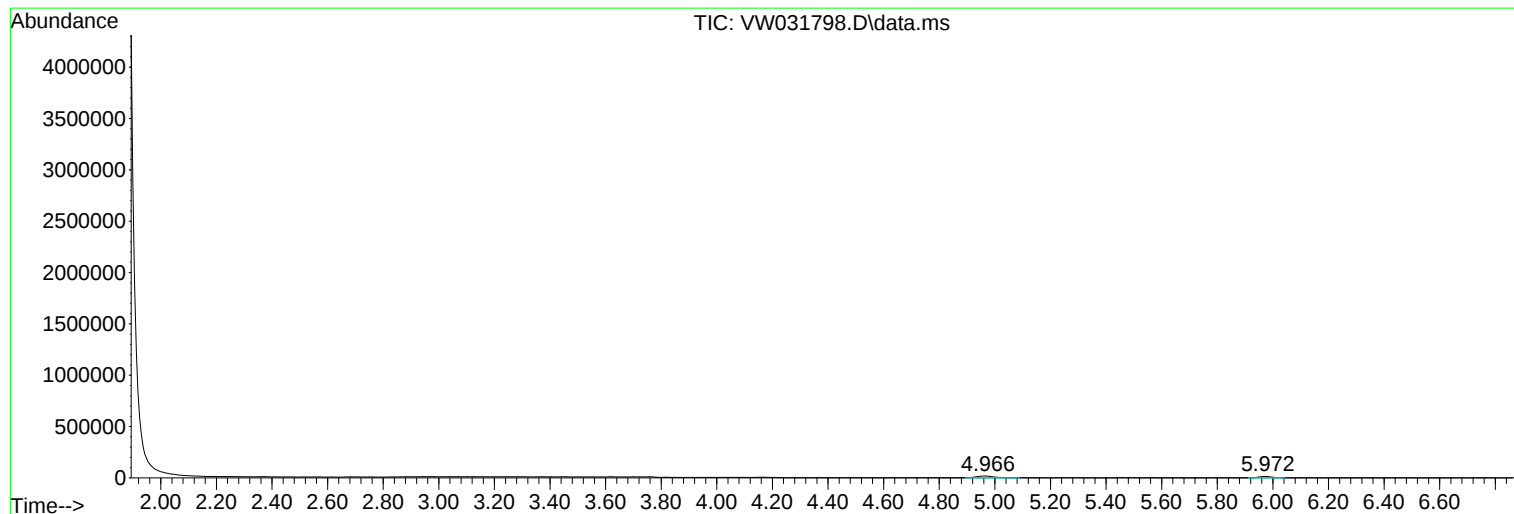
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-98

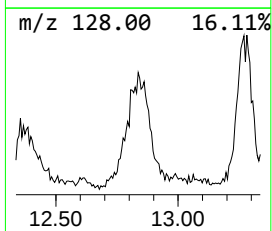
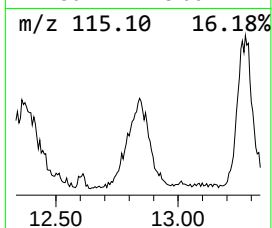
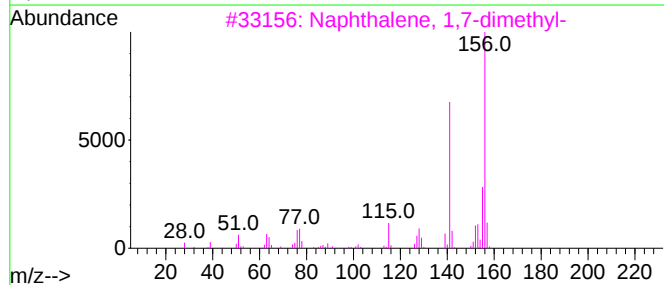
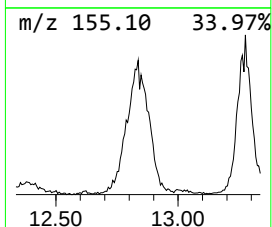
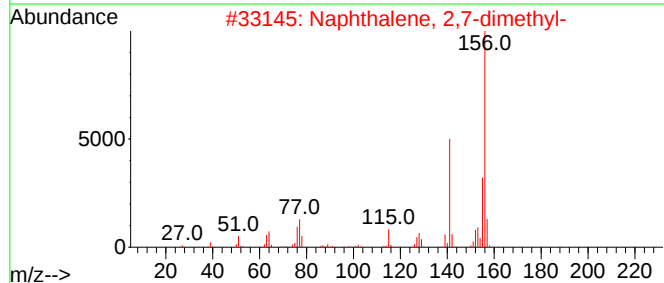
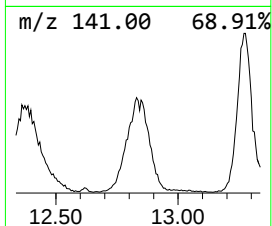
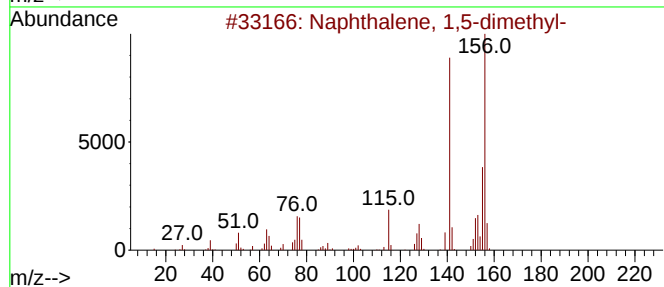
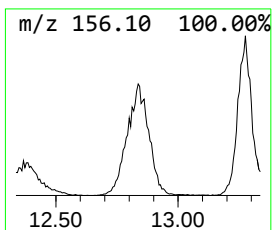
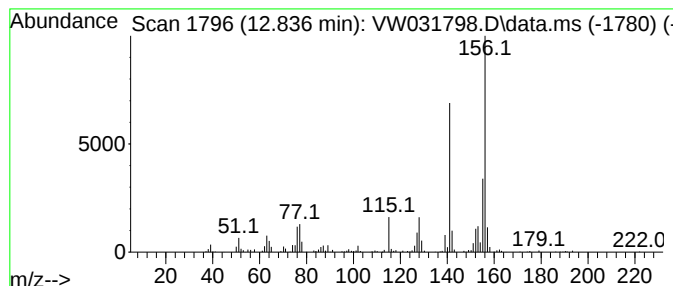
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.836	32.44 ug/l	720982	1,4-Dichlorobenzene-d4	13.562

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



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Misc : 5.54g/5mL/MSVOA_W/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-98

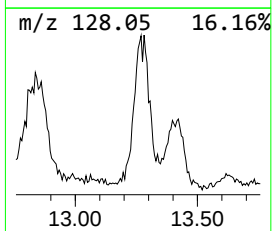
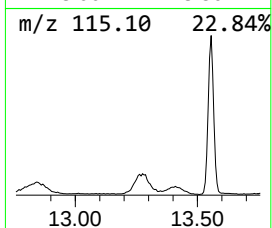
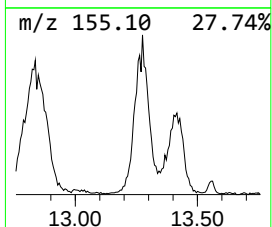
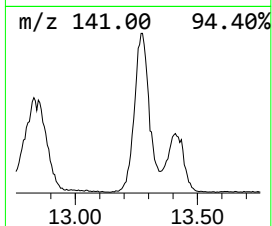
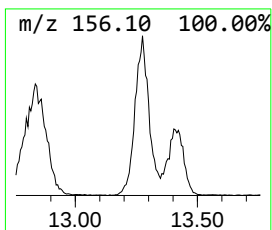
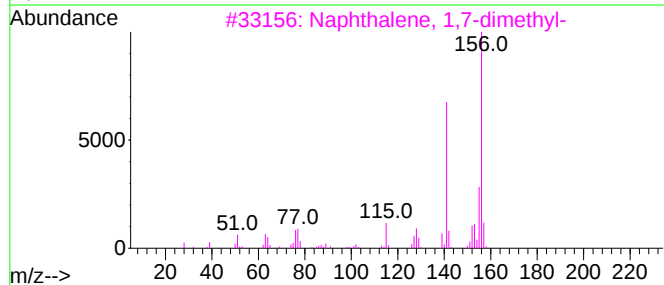
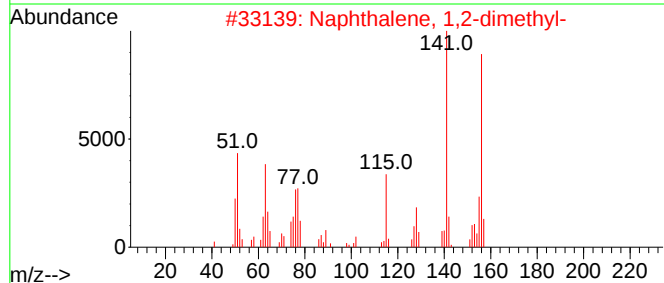
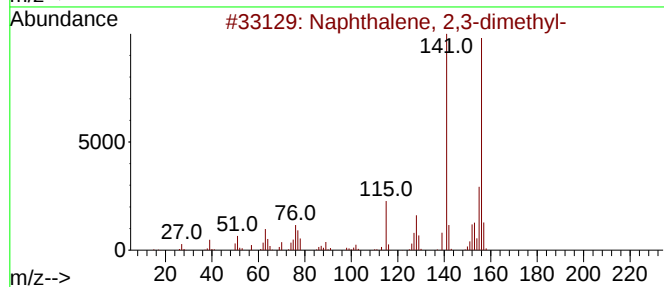
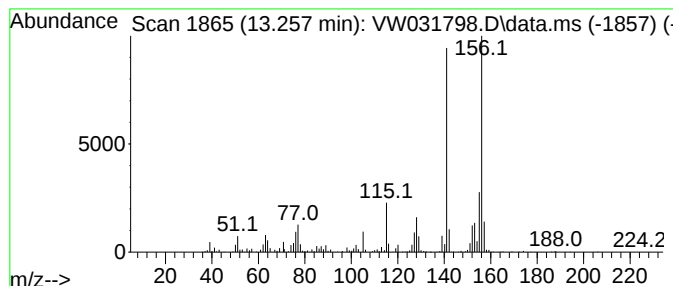
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	13.10 ug/l	291044	1,4-Dichlorobenzene-d4	13.562

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Data File : VW031798.D
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Operator : SY/MD
Sample : Q2529-05
Misc : 5.54g/5mL/MSVOA_W/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-98

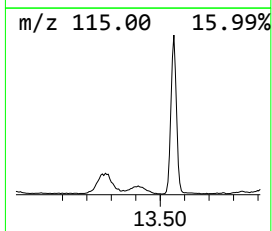
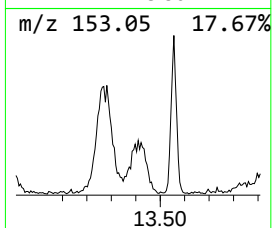
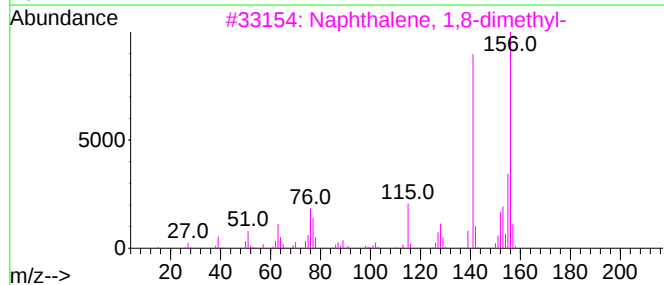
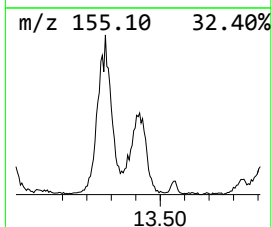
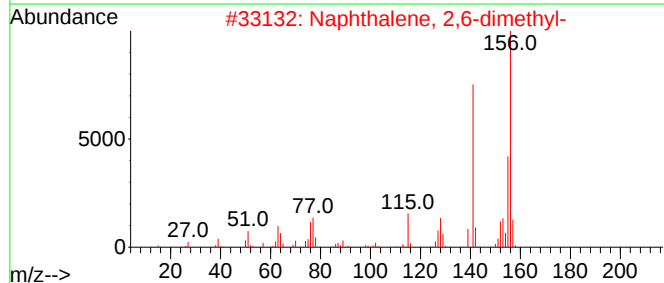
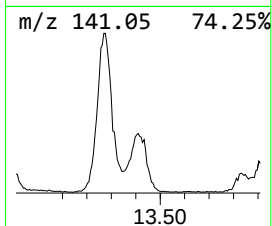
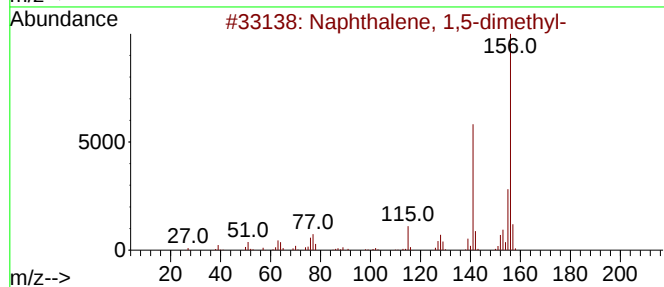
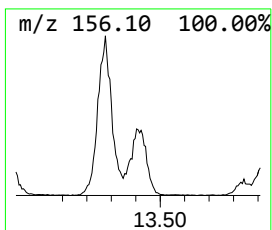
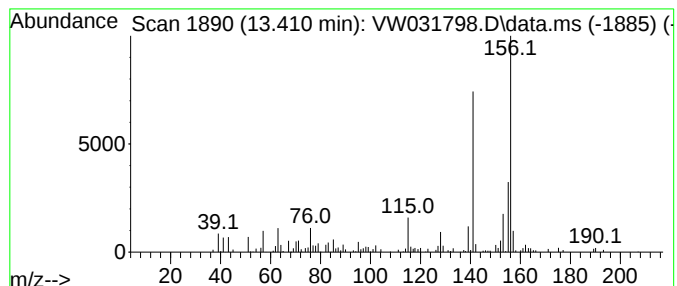
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	11.74 ug/l	260895	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86



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Data File : VW031798.D
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Operator : SY/MD
Sample : Q2529-05
Misc : 5.54g/5mL/MSVOA_W/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-98

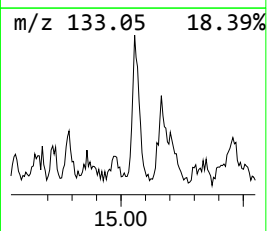
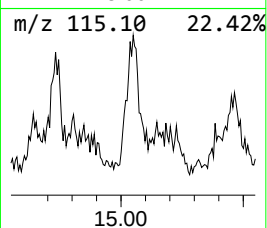
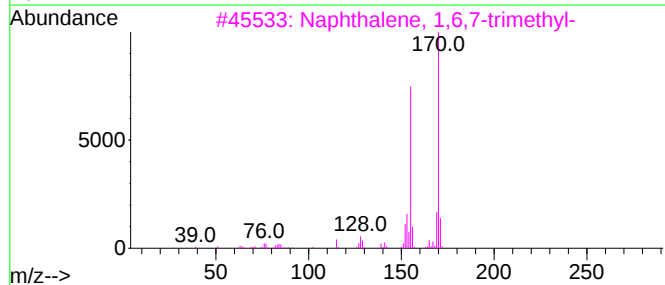
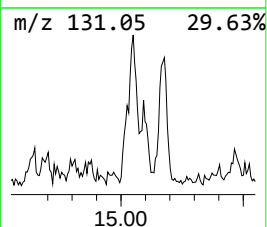
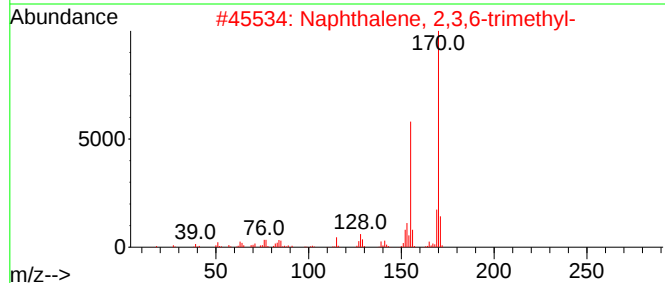
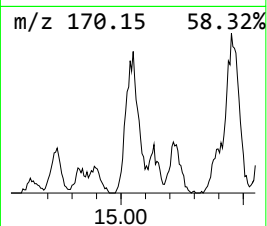
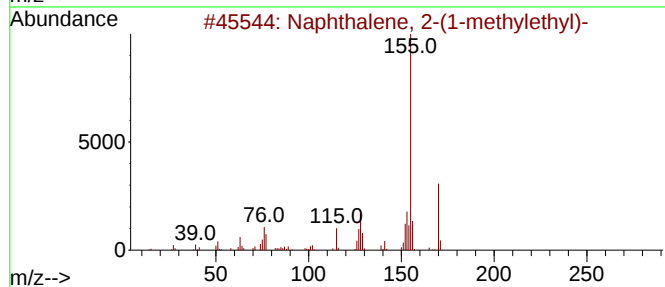
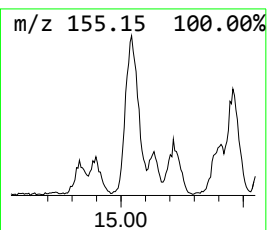
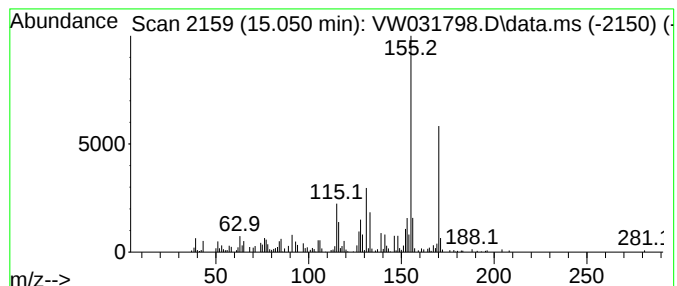
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	7.69 ug/l	170871	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	52
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	52



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Instrument :
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ClientSampleId :
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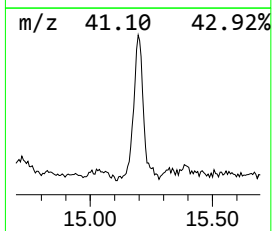
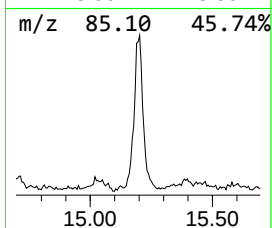
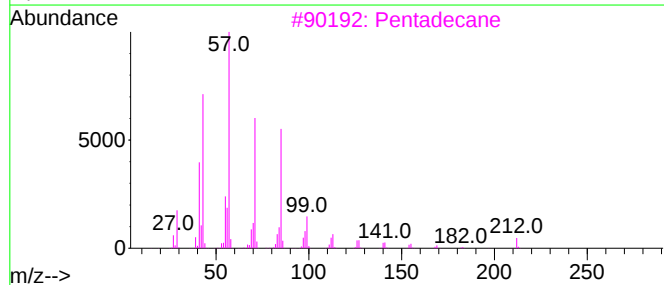
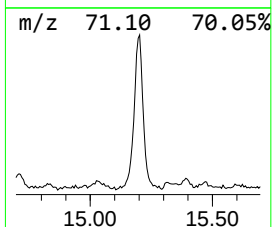
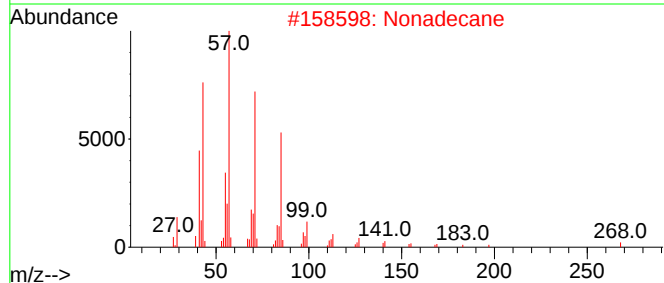
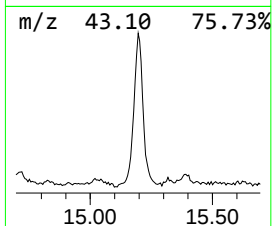
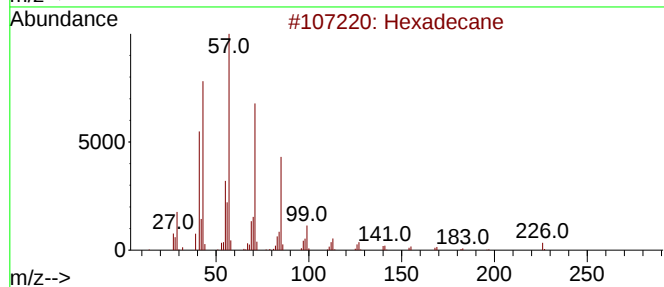
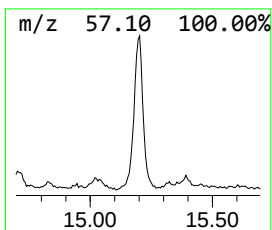
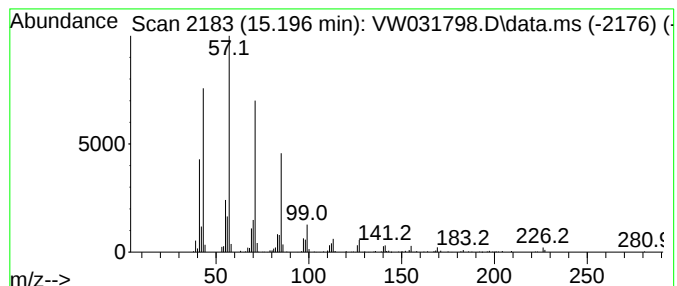
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 6 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.196	19.54 ug/l	434245	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetradecane	198	C14H30	000629-59-4	87



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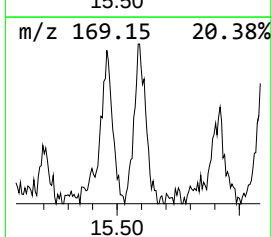
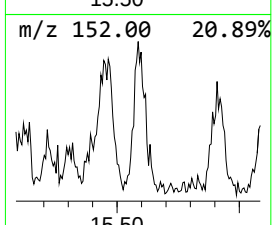
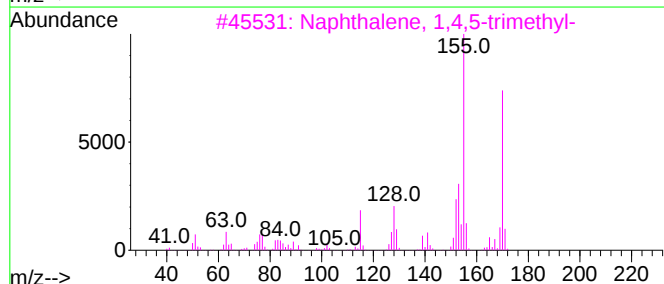
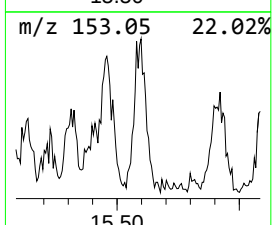
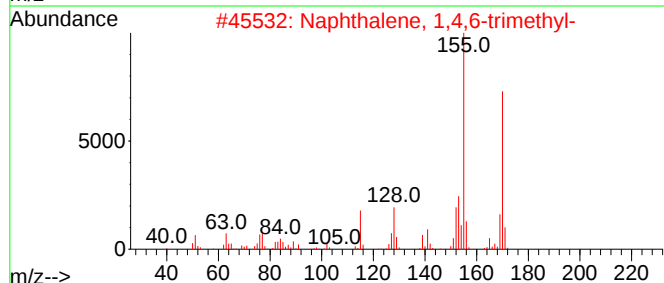
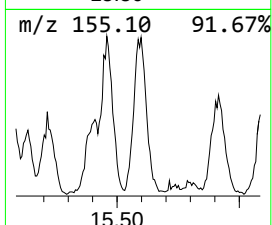
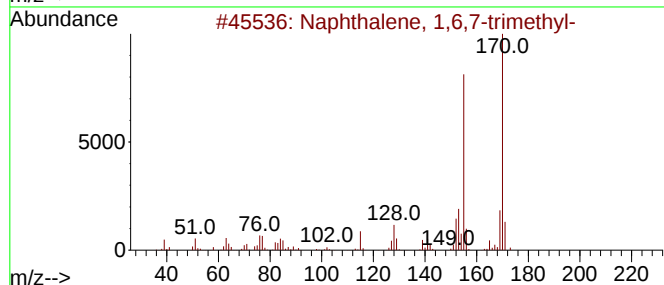
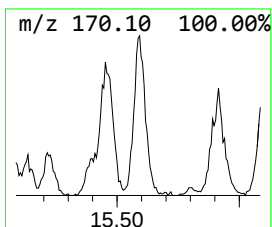
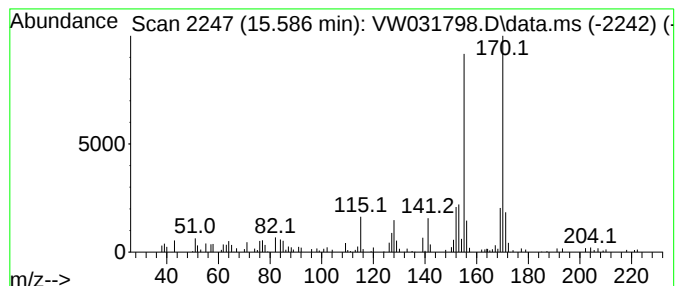
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	7.42 ug/l	164824	1,4-Dichlorobenzene-d4	13.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031798.D
Acq On : 10 Jul 2025 13:25
Operator : SY/MD
Sample : Q2529-05
Misc : 5.54g/5mL/MSVOA_W/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-98

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	12.836	32.4	ug/l	720982	4	13.562	1111190	50.0
Naphthalene, 2,...	13.257	13.1	ug/l	291044	4	13.562	1111190	50.0
Naphthalene, 2,...	13.410	11.7	ug/l	260895	4	13.562	1111190	50.0
Naphthalene, 2-...	15.050	7.7	ug/l	170871	4	13.562	1111190	50.0
Hexadecane	15.196	19.5	ug/l	434245	4	13.562	1111190	50.0
Naphthalene, 1,...	15.586	7.4	ug/l	164824	4	13.562	1111190	50.0