

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031907.D
 Acq On : 23 Jul 2025 12:58
 Operator : SY/MD
 Sample : Q2675-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-07222025

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: VW031907.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	978	987	991	rBV2	31614	75801	32.41%	3.749%
2	7.959	991	996	1007	rVB	61599	142234	60.81%	7.035%
3	8.319	1046	1055	1073	rBV2	33911	84178	35.99%	4.163%
4	8.849	1131	1142	1156	rBV	94321	195420	83.55%	9.665%
5	10.330	1376	1385	1391	rBV	127605	233908	100.00%	11.569%
6	11.635	1592	1599	1607	rBV	125582	221582	94.73%	10.959%
7	12.617	1753	1760	1769	rVB	83209	145243	62.09%	7.183%
8	12.830	1783	1795	1797	rBV8	15523	43728	18.69%	2.163%
9	13.275	1854	1868	1882	rBV5	32364	143399	61.31%	7.092%
10	13.421	1882	1892	1908	rVB5	19271	86853	37.13%	4.296%
11	13.555	1908	1914	1922	rBV	123084	200847	85.87%	9.933%
12	13.927	1968	1975	1988	rVB4	13839	49086	20.99%	2.428%
13	14.281	2023	2033	2044	rBV4	9261	36029	15.40%	1.782%
14	14.513	2061	2071	2084	rVB5	10468	37423	16.00%	1.851%
15	14.750	2100	2110	2114	rBV10	6515	19369	8.28%	0.958%
16	14.933	2132	2140	2149	rVB6	8469	27782	11.88%	1.374%
17	15.208	2179	2185	2196	rVB6	9501	29039	12.41%	1.436%
18	15.360	2205	2210	2218	rBV2	22475	52109	22.28%	2.577%
19	15.464	2221	2227	2236	rVB7	11750	37437	16.01%	1.852%
20	15.604	2238	2250	2263	rVB7	12026	51023	21.81%	2.523%
21	16.104	2324	2332	2340	rBV9	7803	26323	11.25%	1.302%
22	16.433	2378	2386	2394	rVB4	21429	51720	22.11%	2.558%
23	16.634	2412	2419	2428	rVB2	13227	31383	13.42%	1.552%

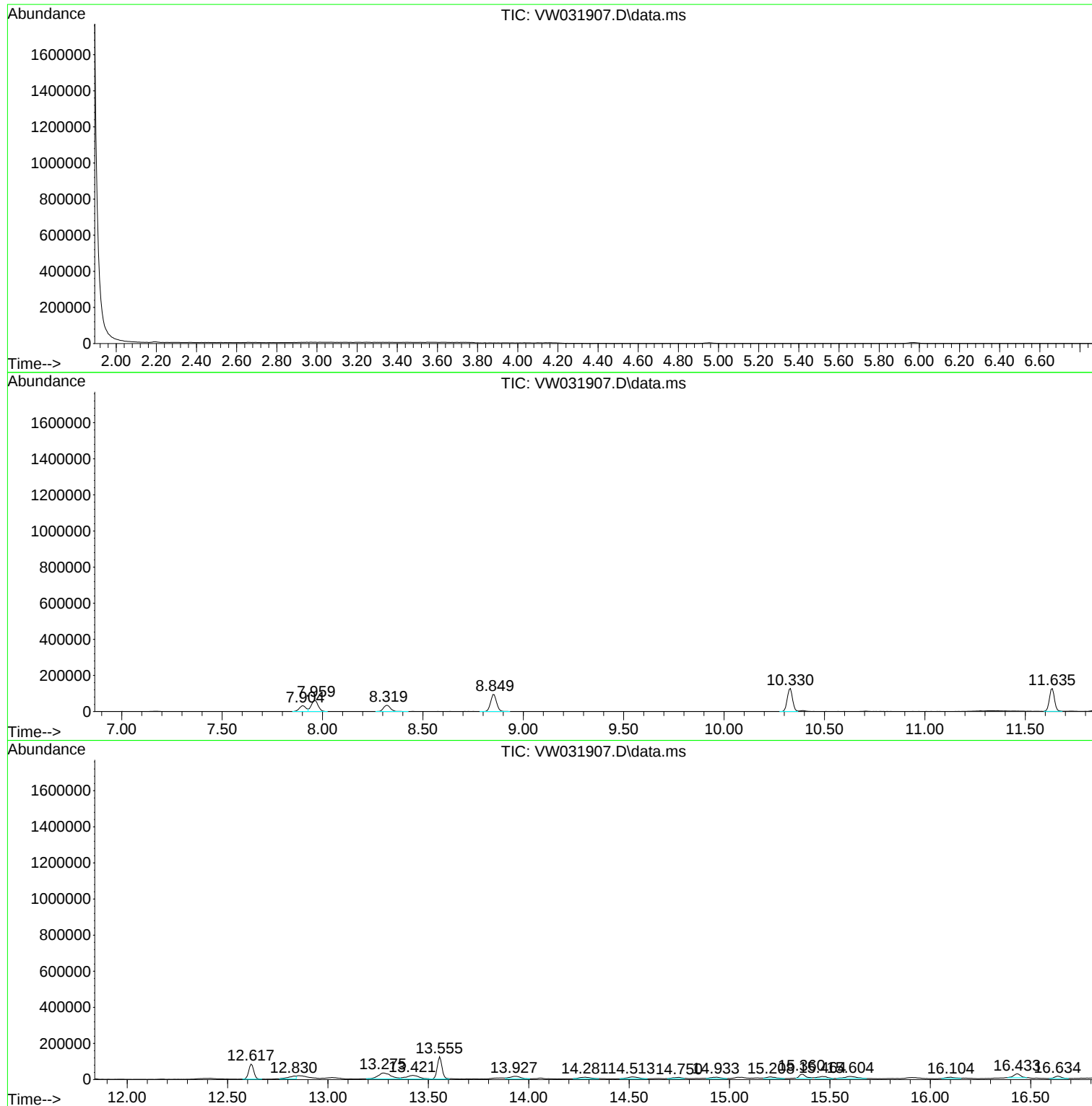
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Quant Title : SW846 8260

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



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SU-03-07222025

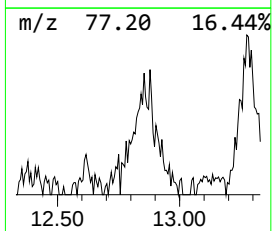
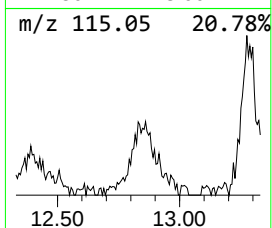
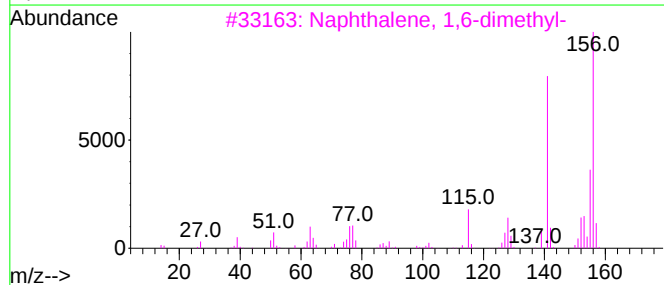
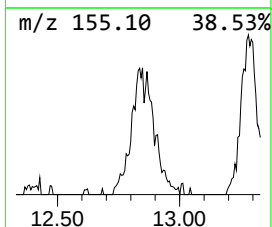
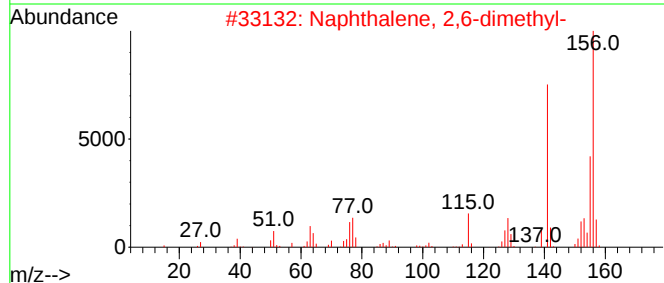
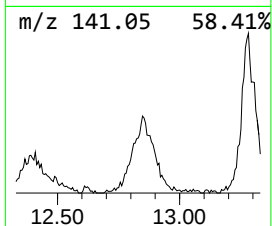
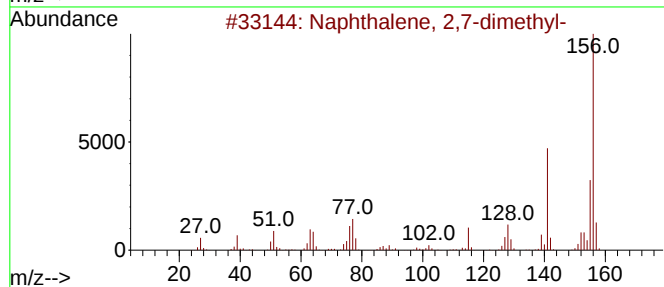
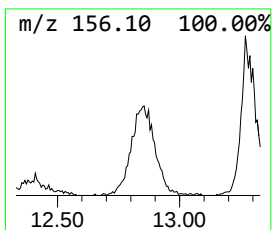
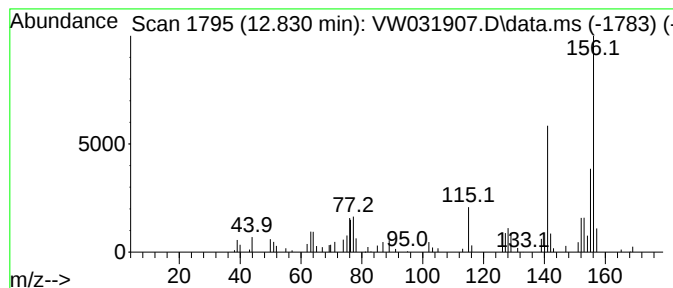
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.830	10.89 ug/l	43728	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	86



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MSVOA_W
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SU-03-07222025

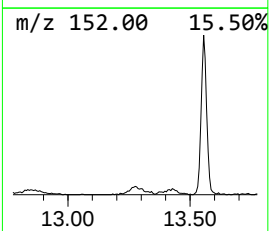
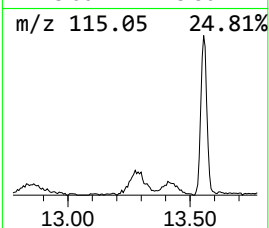
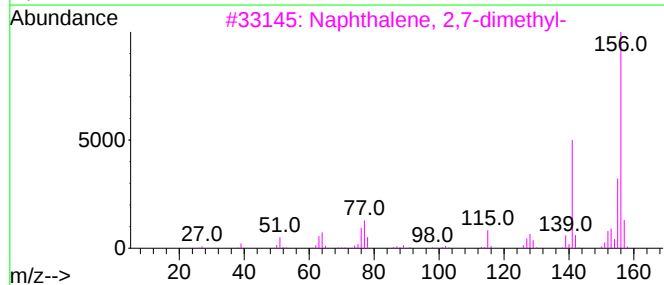
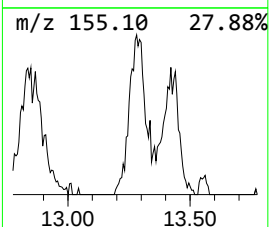
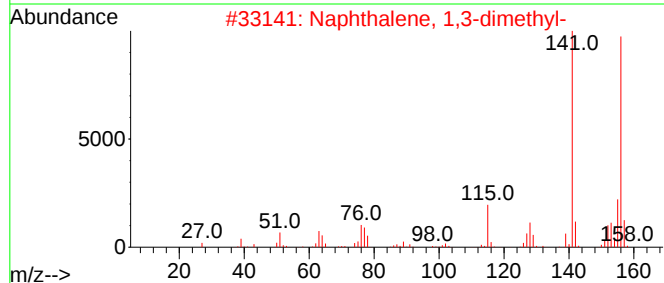
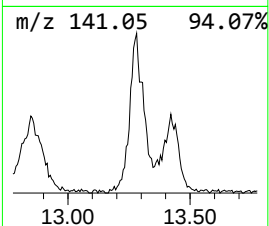
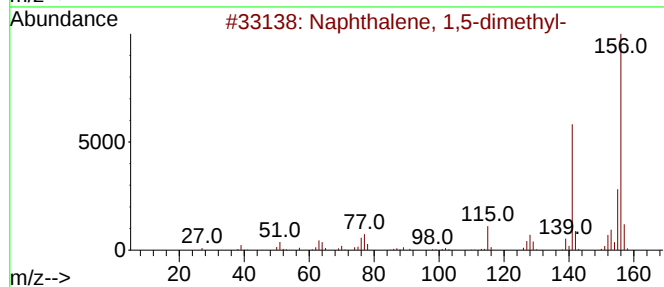
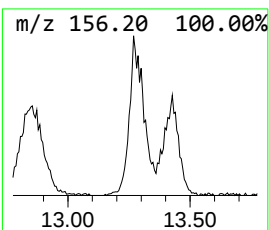
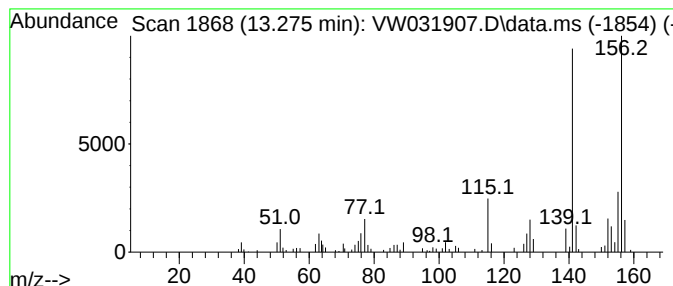
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	35.70 ug/l	143399	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-07222025

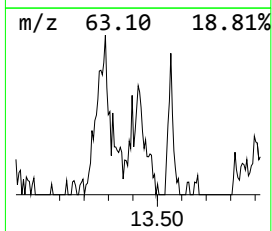
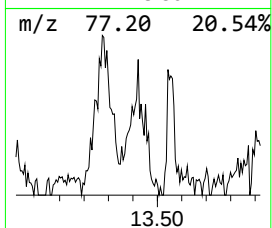
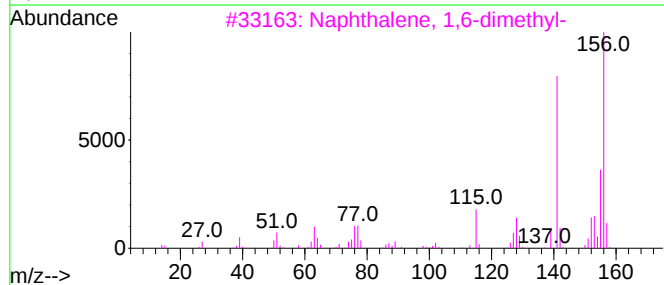
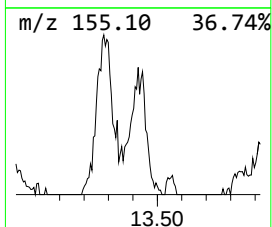
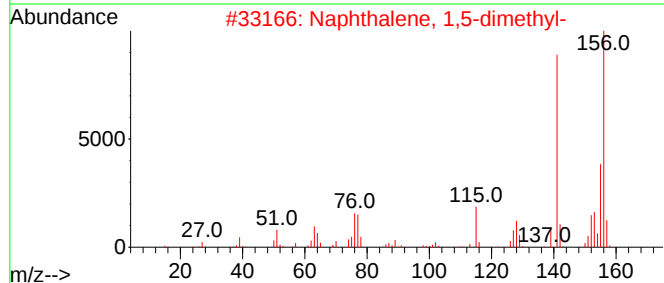
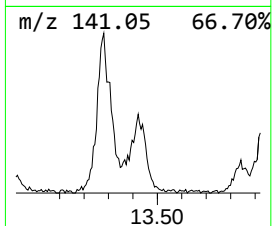
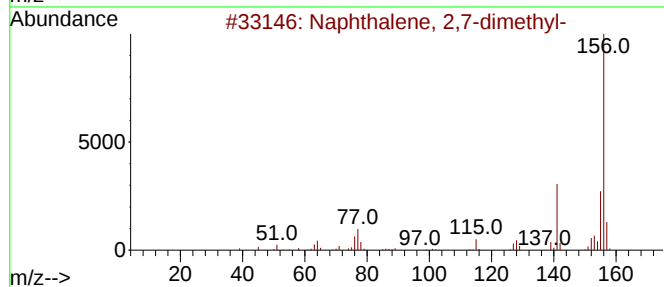
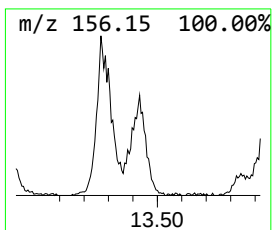
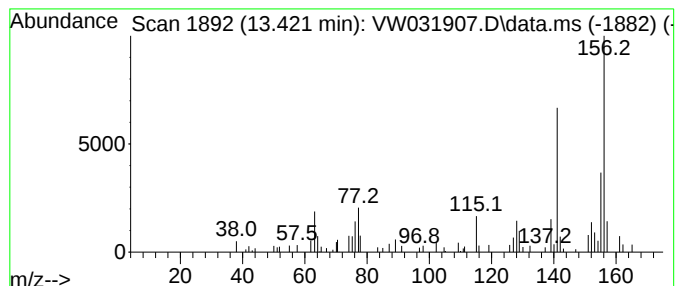
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.421	21.62 ug/l	86853	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91



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Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-07222025

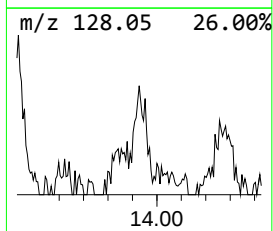
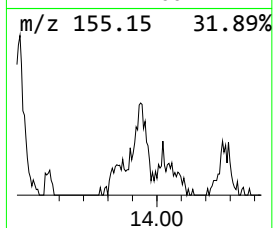
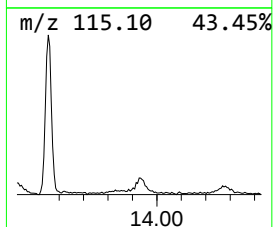
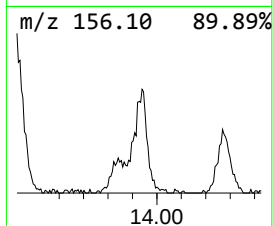
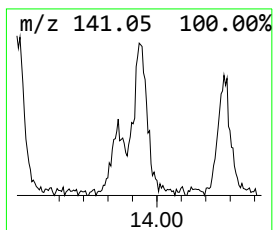
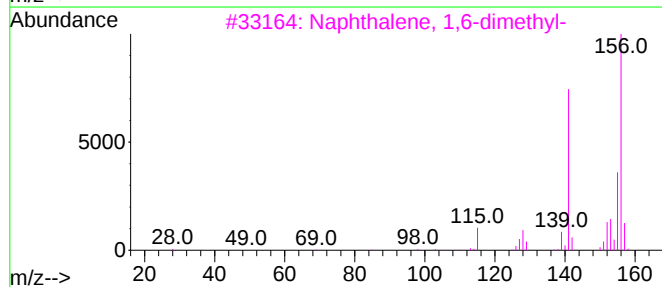
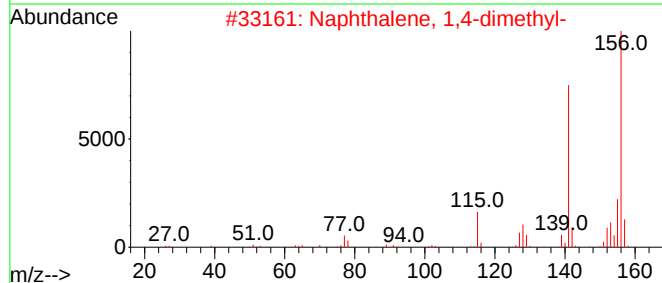
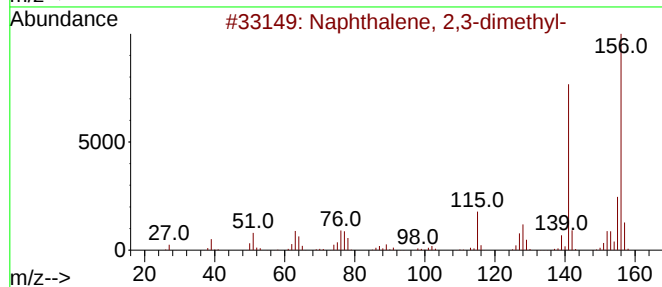
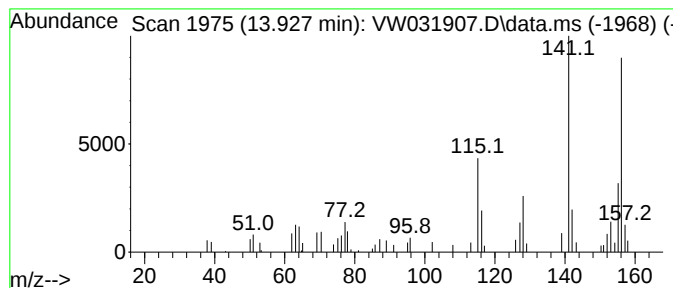
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	12.22 ug/l	49086	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76



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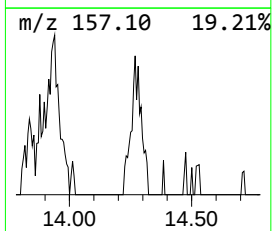
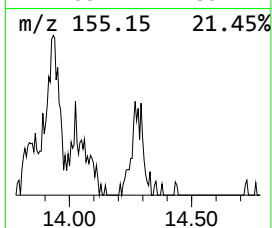
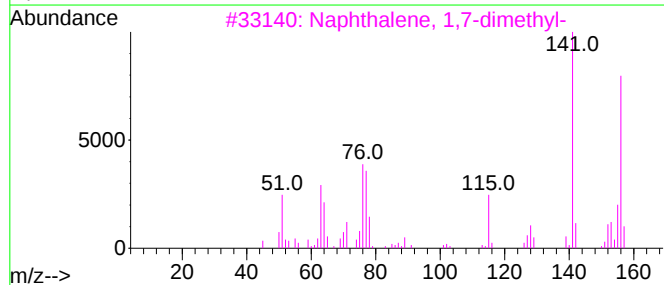
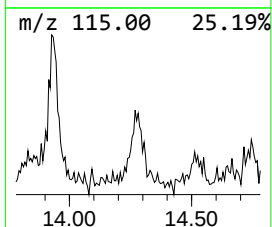
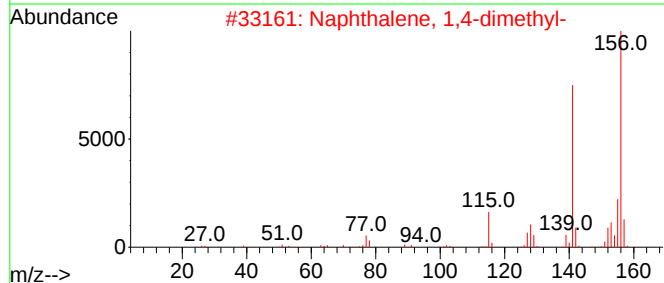
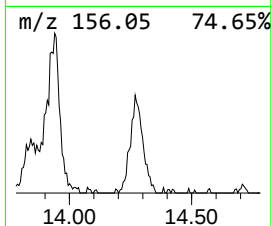
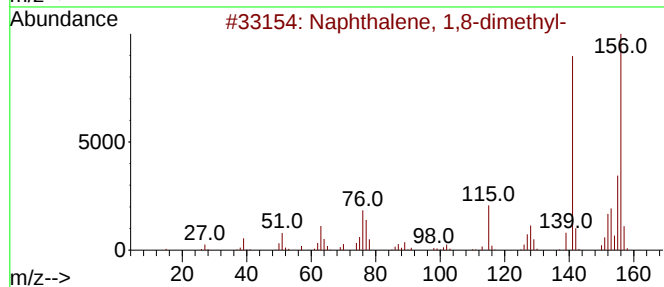
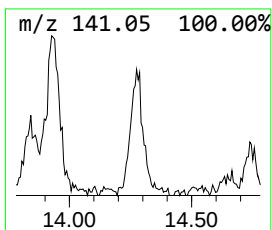
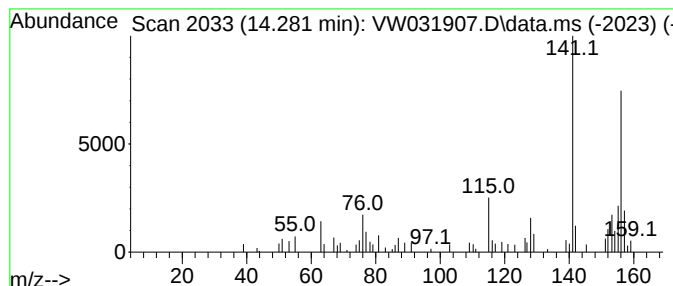
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.281	8.97 ug/l	36029	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87



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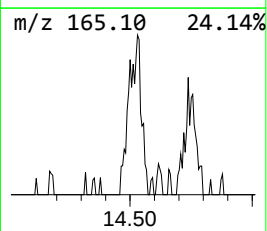
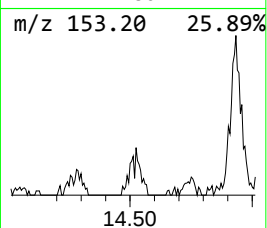
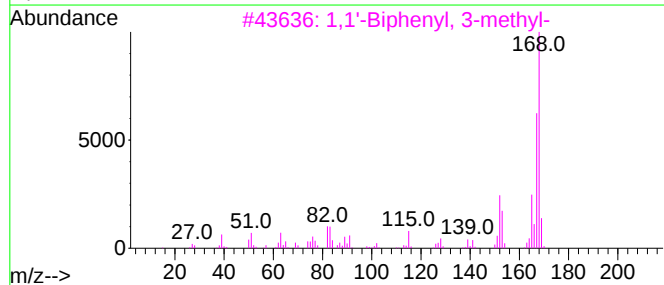
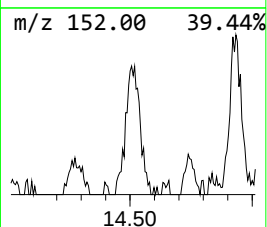
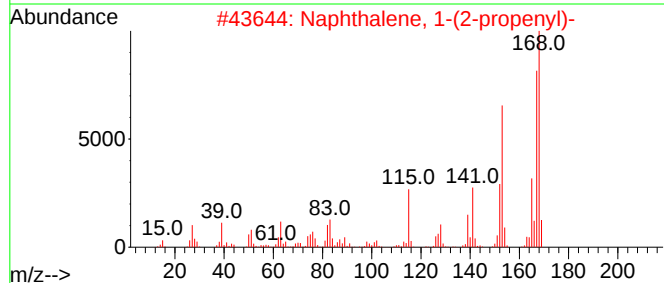
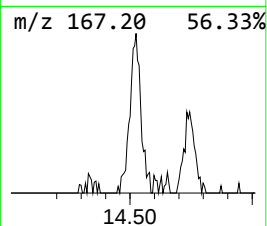
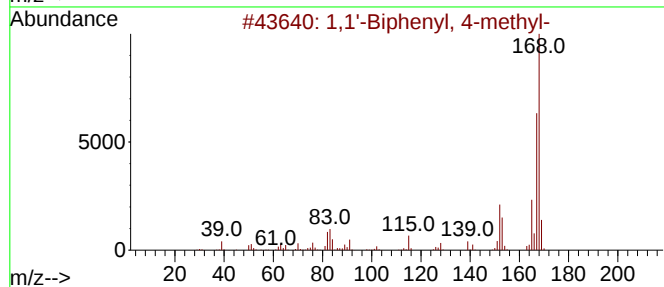
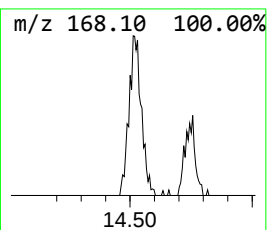
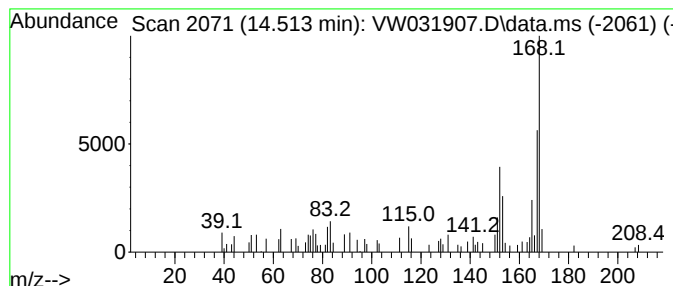
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Quant Title : SW846 8260

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

Peak Number 6 1,1'-Biphenyl, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.513	9.32 ug/l	37423	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5		Diphenylmethane	168	C13H12	000101-81-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031907.D
Acq On : 23 Jul 2025 12:58
Operator : SY/MD
Sample : Q2675-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-07222025

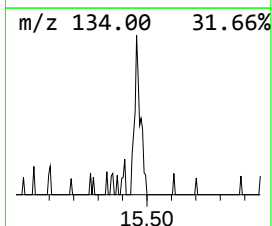
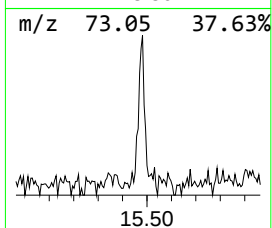
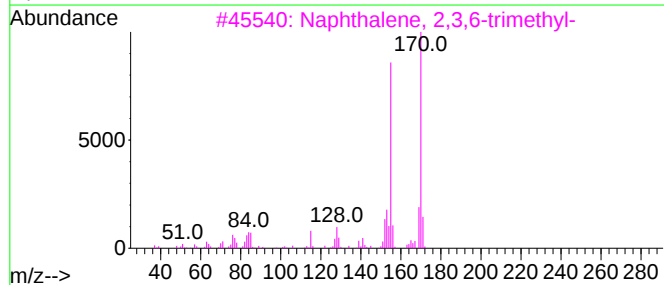
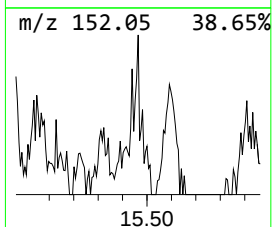
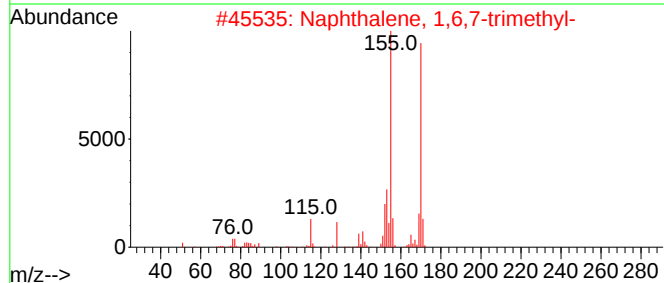
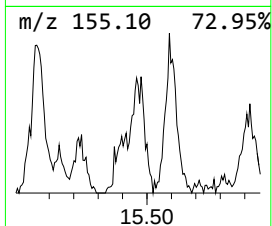
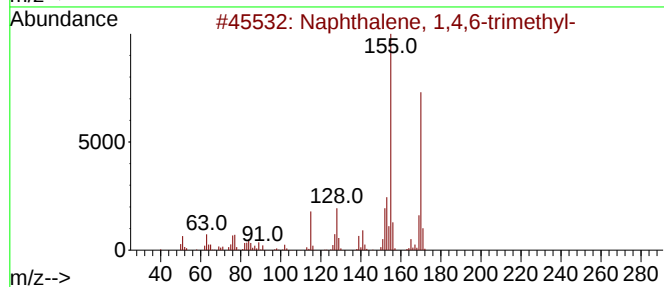
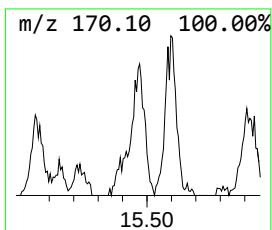
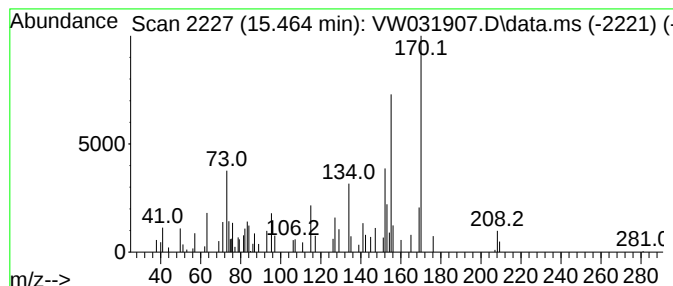
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	9.32 ug/l	37437	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	62
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031907.D
Acq On : 23 Jul 2025 12:58
Operator : SY/MD
Sample : Q2675-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-07222025

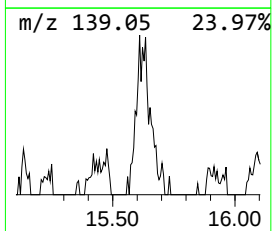
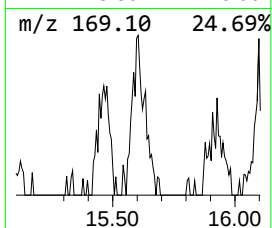
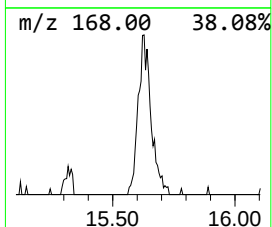
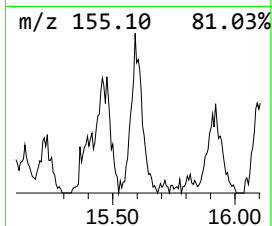
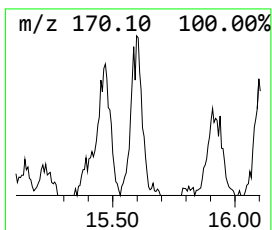
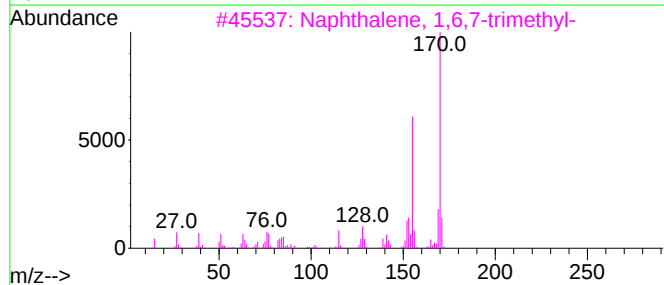
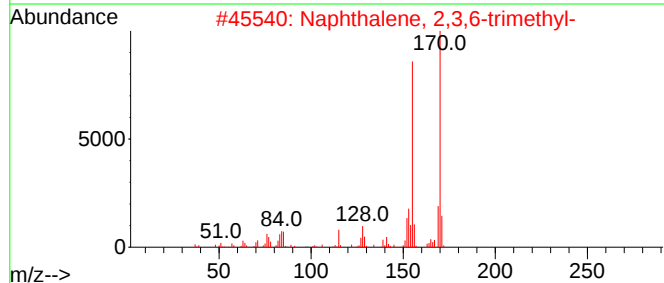
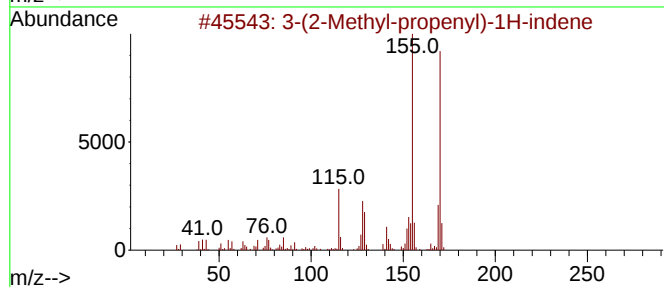
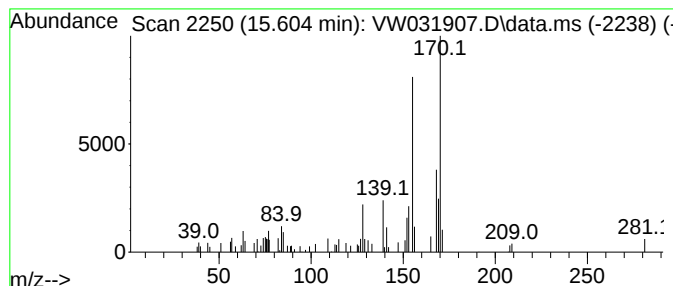
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Quant Title : SW846 8260

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

Peak Number 9 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	12.70 ug/l	51023	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031907.D
Acq On : 23 Jul 2025 12:58
Operator : SY/MD
Sample : Q2675-01
Misc : 5.02g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-07222025

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, 2,...	12.830	10.9	ug/l	43728	4	13.555	200847	50.0
Naphthalene, 1,...	13.275	35.7	ug/l	143399	4	13.555	200847	50.0
Naphthalene, 1,...	13.421	21.6	ug/l	86853	4	13.555	200847	50.0
Naphthalene, 2,...	13.927	12.2	ug/l	49086	4	13.555	200847	50.0
Naphthalene, 1,...	14.281	9.0	ug/l	36029	4	13.555	200847	50.0
1,1'-Biphenyl, ...	14.513	9.3	ug/l	37423	4	13.555	200847	50.0
Naphthalene, 1,...	15.464	9.3	ug/l	37437	4	13.555	200847	50.0
3-(2-Methyl-pro...	15.604	12.7	ug/l	51023	4	13.555	200847	50.0