

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086501.D
 Acq On : 05 May 2025 21:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

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_N\methods\82N041525W.M
 Title : SW846 8260

Signal : TIC: VN086501.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.806	140	145	151	rVB	5336	13164	1.24%	0.133%
2	8.165	1046	1056	1060	rBV	121700	280745	26.51%	2.835%
3	8.224	1060	1066	1076	rVB	227728	514948	48.63%	5.199%
4	8.577	1117	1126	1135	rBV	145428	322641	30.47%	3.258%
5	9.100	1205	1215	1227	rBV	357020	735861	69.49%	7.430%
6	10.565	1456	1464	1476	rBV	566237	1058960	100.00%	10.692%
7	11.865	1677	1685	1696	rBV	499258	906095	85.56%	9.149%
8	12.441	1778	1783	1784	rBV5	13155	17907	1.69%	0.181%
9	12.847	1845	1852	1861	rVB	377233	652560	61.62%	6.589%
10	13.300	1922	1929	1946	rVB	64313	285973	27.01%	2.887%
11	13.470	1951	1958	1971	rVB6	47555	186163	17.58%	1.880%
12	13.653	1975	1989	2005	rVV2	185384	970488	91.65%	9.799%
13	13.788	2005	2012	2020	rVB	463241	797325	75.29%	8.051%
14	14.000	2036	2048	2058	rBV2	263992	943182	89.07%	9.523%
15	14.112	2059	2067	2081	rVB3	130446	518274	48.94%	5.233%
16	14.382	2107	2113	2122	rVB9	40741	118655	11.20%	1.198%
17	14.541	2135	2140	2150	rVB3	75419	229124	21.64%	2.313%
18	14.841	2184	2191	2200	rBV3	36454	106688	10.07%	1.077%
19	15.064	2220	2229	2239	rVB8	25784	94169	8.89%	0.951%
20	15.306	2265	2270	2278	rVB5	21850	53321	5.04%	0.538%
21	15.623	2314	2324	2336	rBV3	79602	316513	29.89%	3.196%
22	16.088	2384	2403	2416	rVB3	59650	310378	29.31%	3.134%
23	16.229	2417	2427	2439	rVB3	52666	190066	17.95%	1.919%
24	16.576	2474	2486	2500	rVB3	39848	168327	15.90%	1.700%
25	16.776	2512	2520	2522	rBV3	52147	112399	10.61%	1.135%

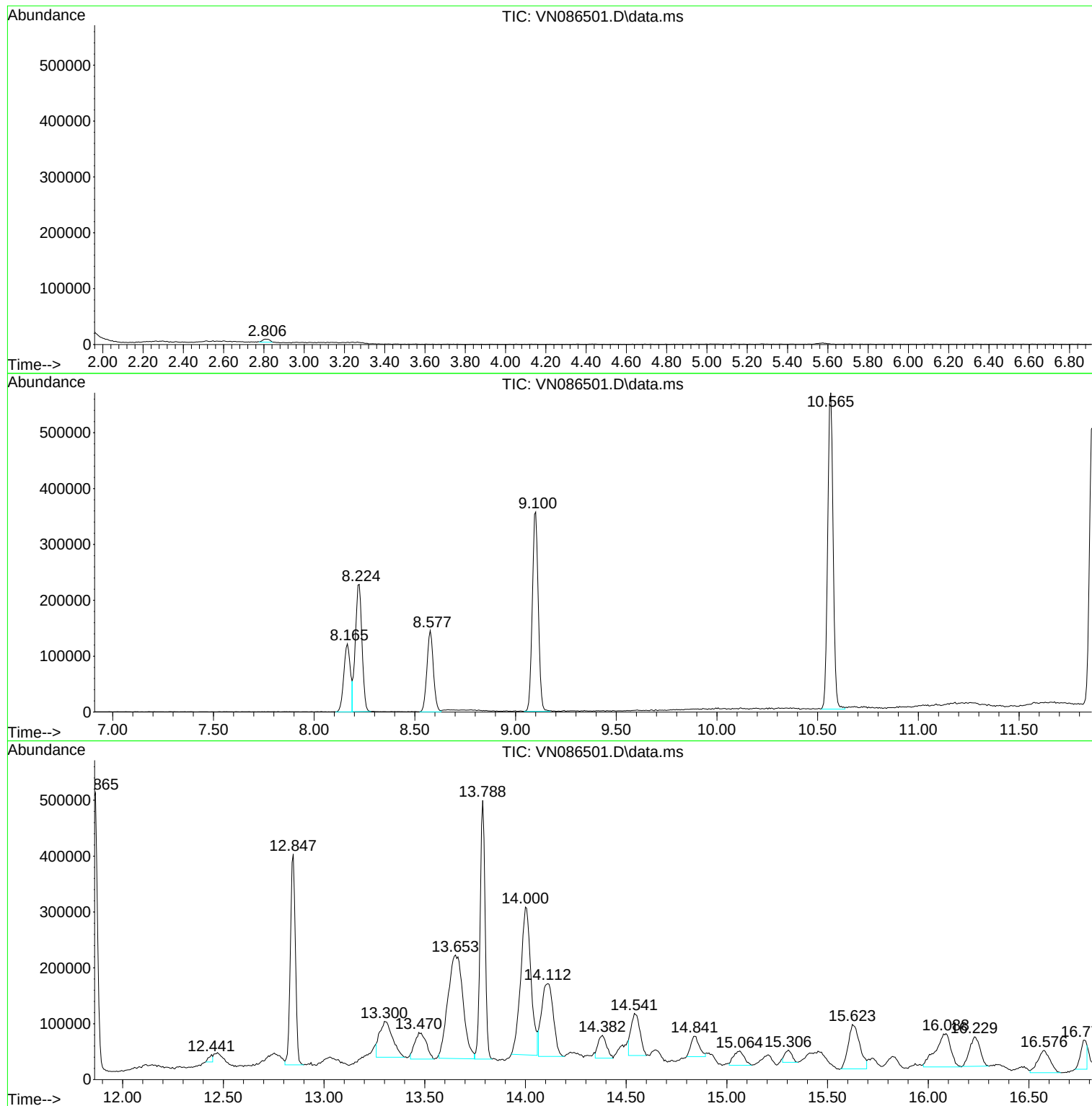
Sum of corrected areas: 9903926

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

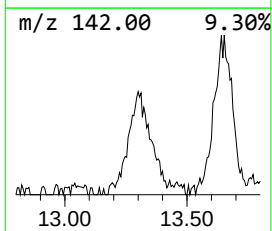
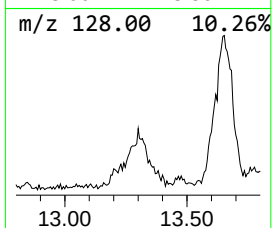
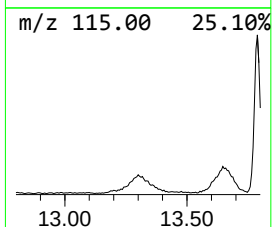
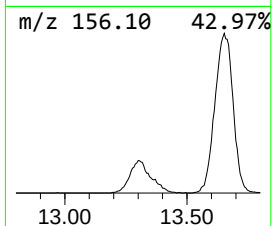
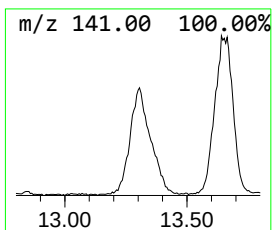
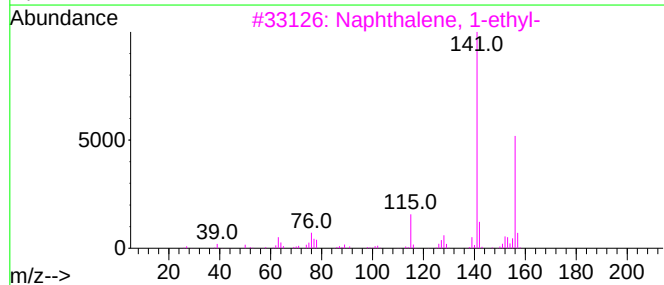
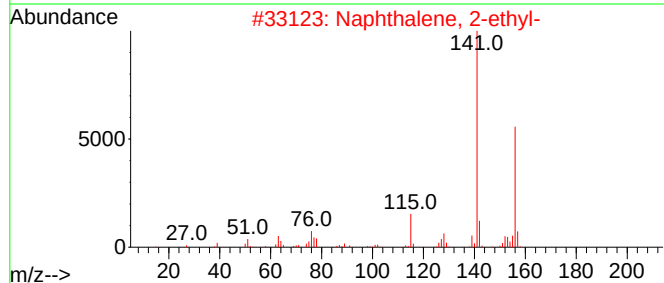
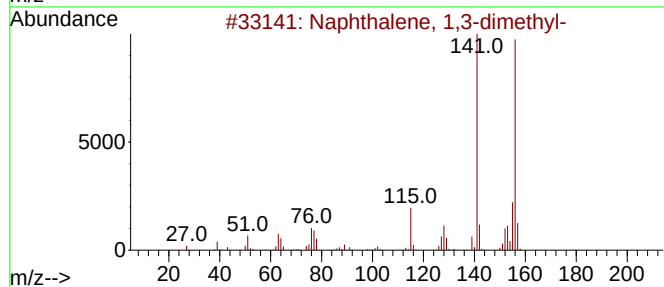
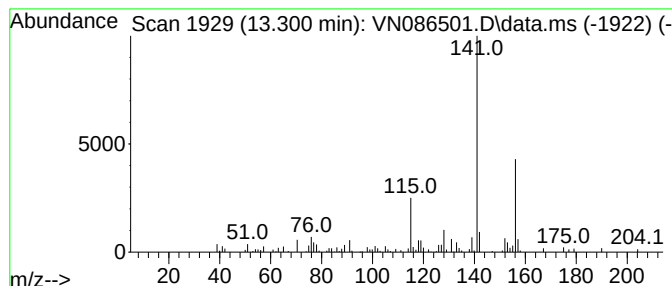
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.300	17.93 ug/l	285973	1,4-Dichlorobenzene-d4	13.788

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

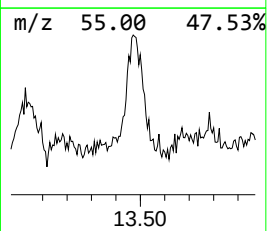
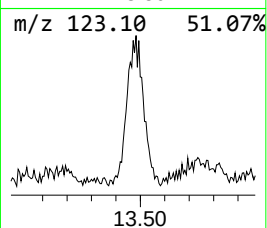
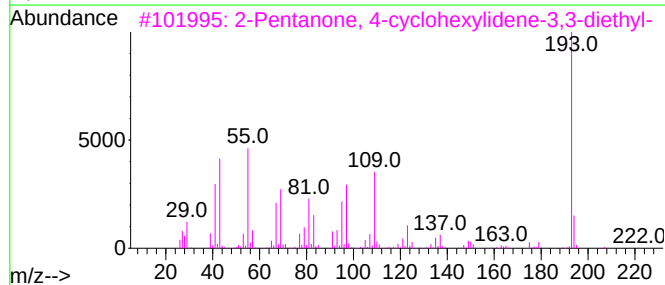
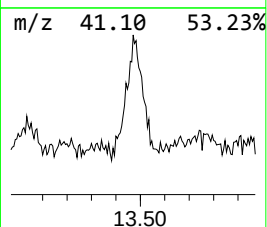
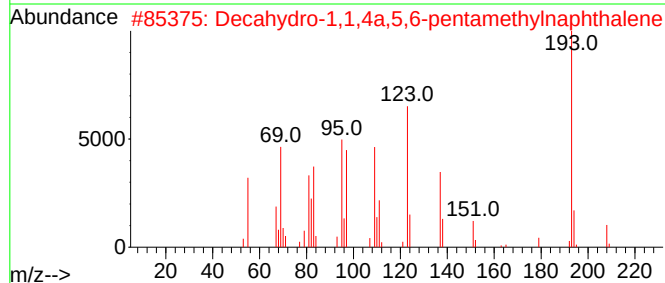
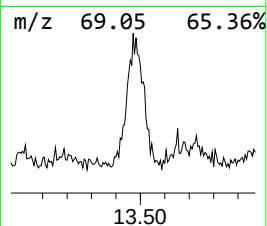
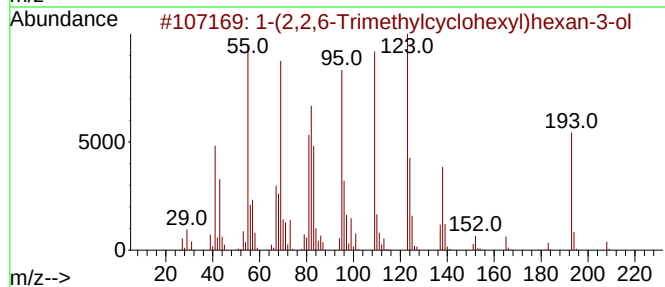
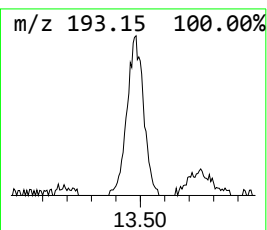
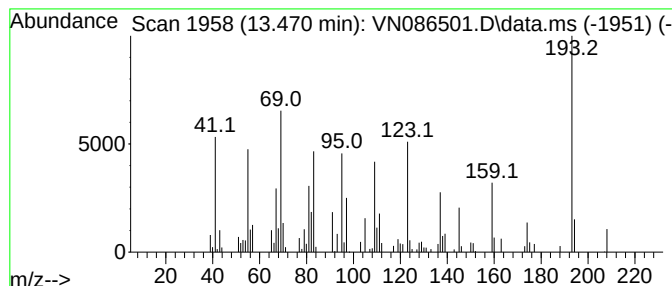
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 2 1-(2,2,6-Trimethylcyclohexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.470	11.67 ug/l	186163	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2,2,6-Trimethylcyclohexyl)hex...	226	C15H30O	070788-30-6	59
2			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	49
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	27
5			Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

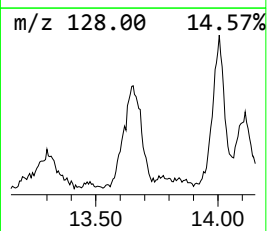
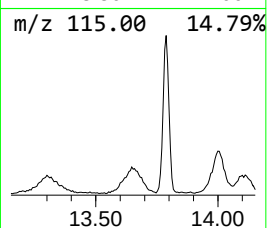
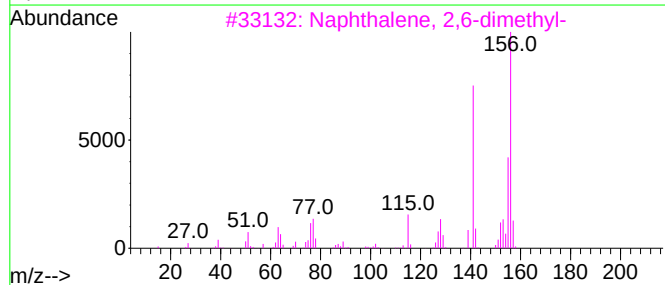
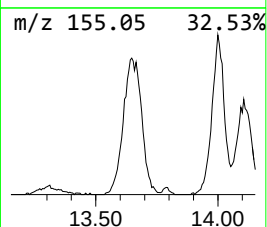
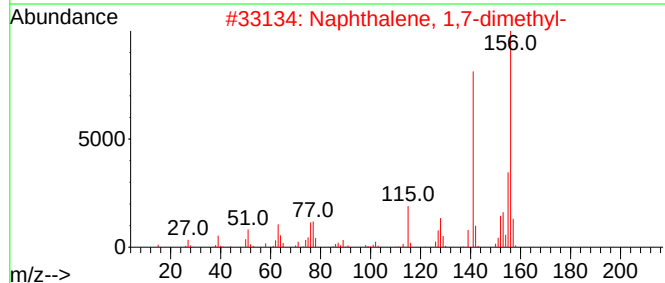
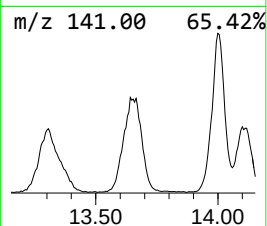
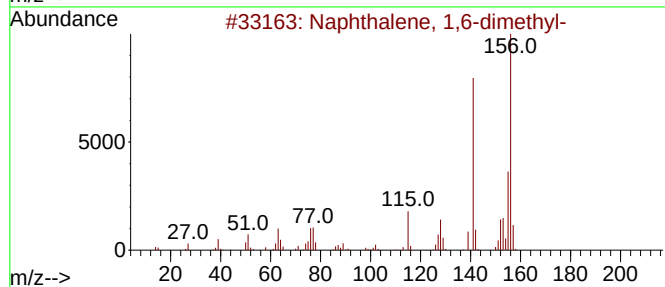
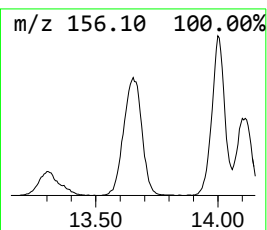
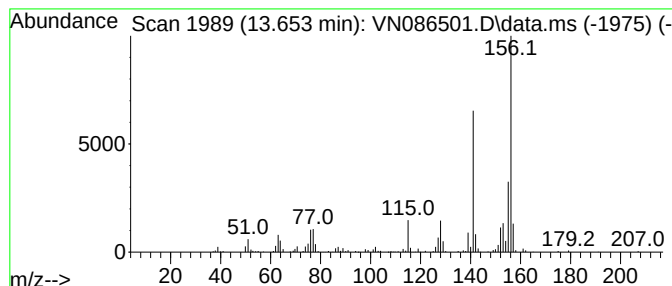
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.653	60.86 ug/l	970488	1,4-Dichlorobenzene-d4	13.788

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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

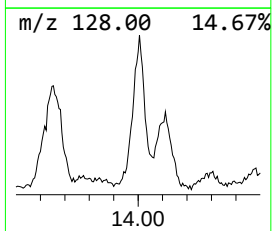
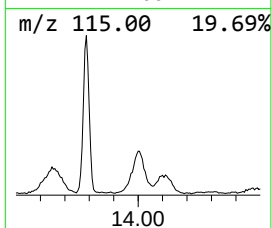
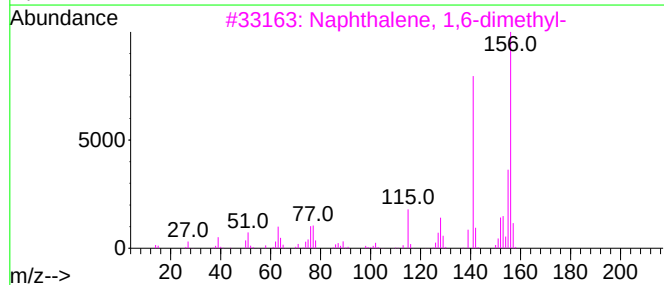
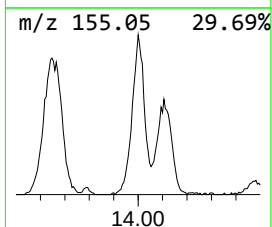
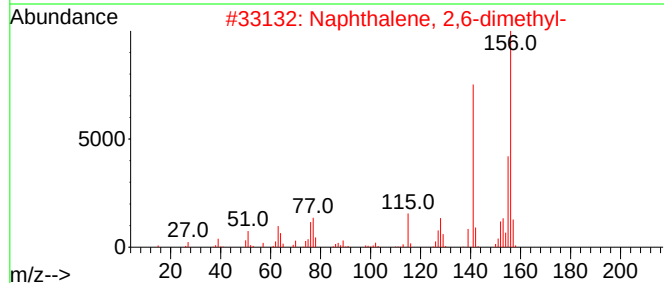
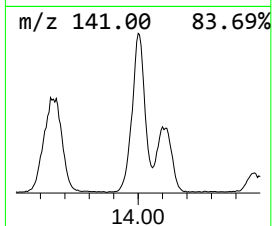
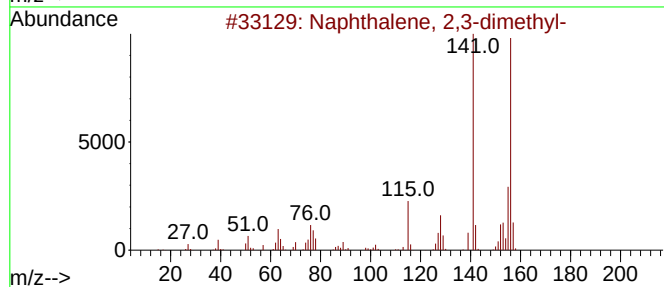
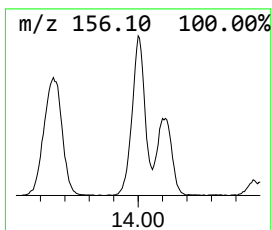
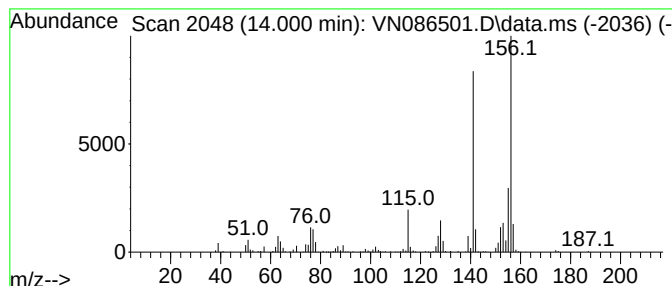
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	59.15 ug/l	943182	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

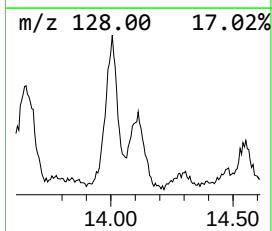
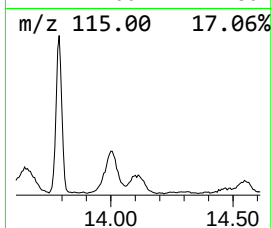
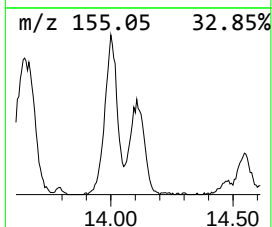
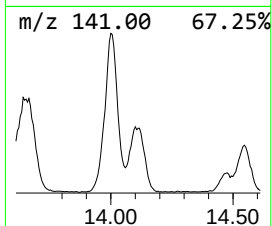
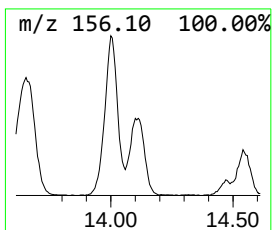
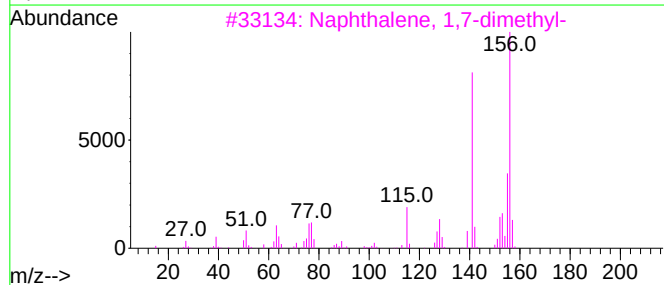
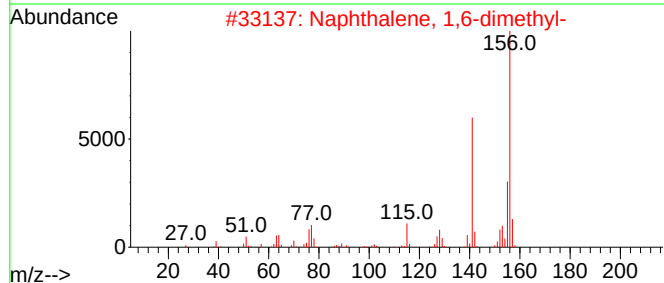
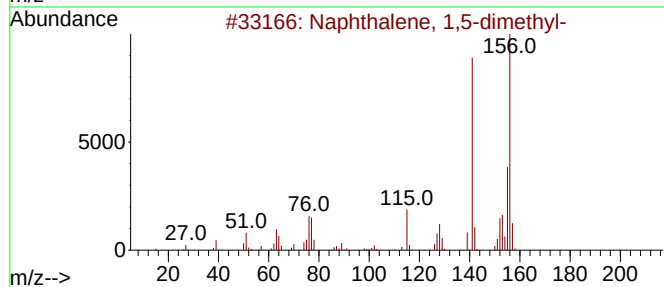
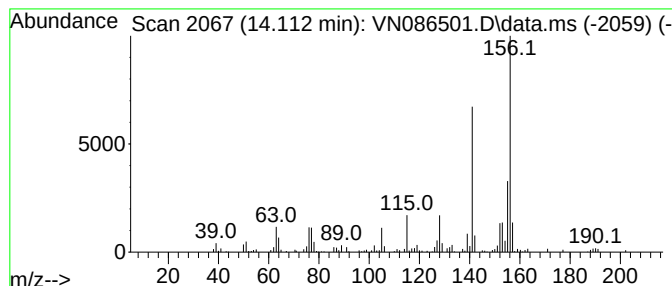
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.112	32.50 ug/l	518274	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

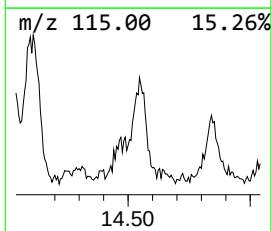
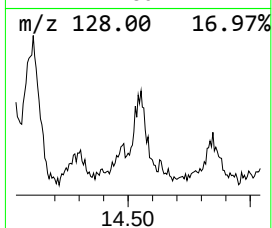
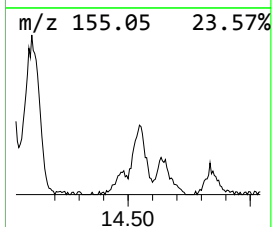
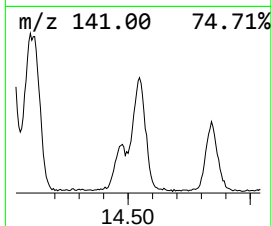
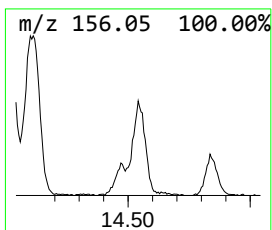
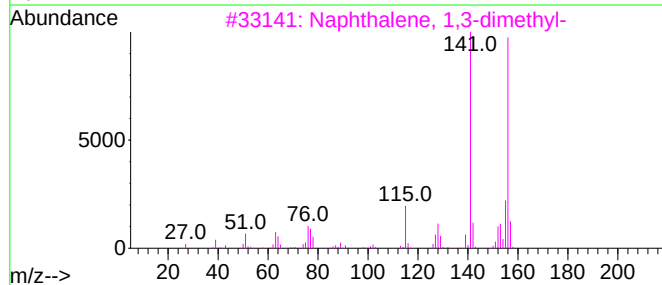
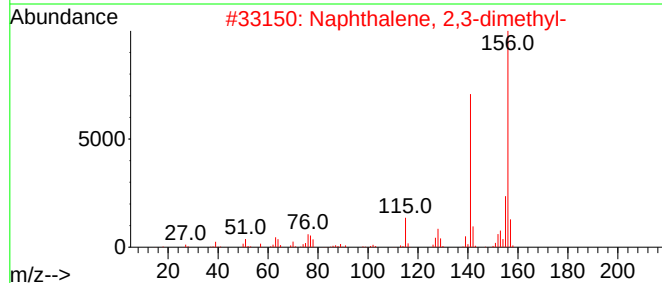
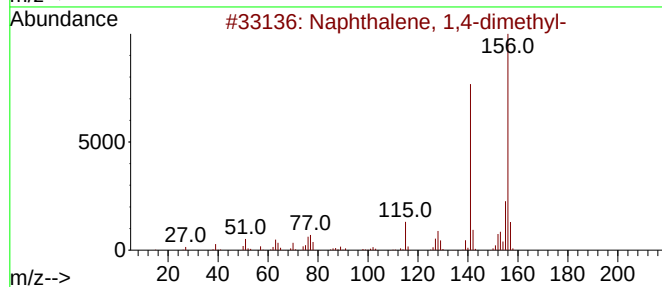
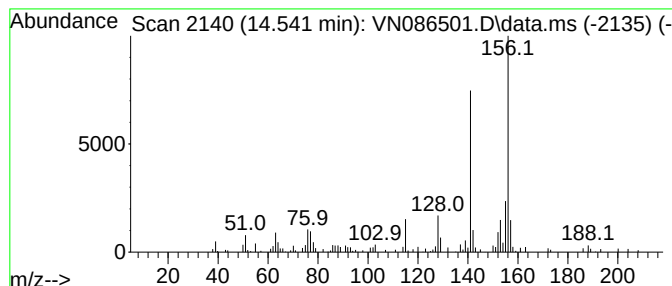
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	14.37 ug/l	229124	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

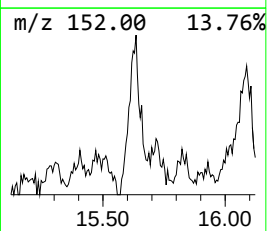
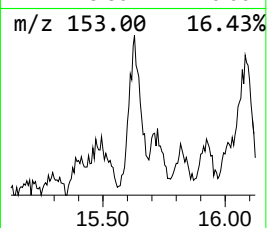
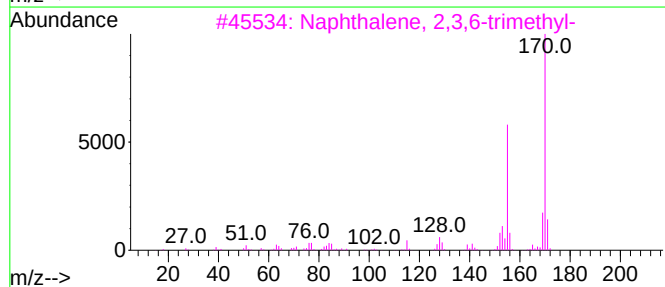
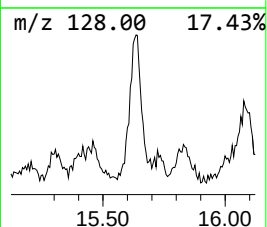
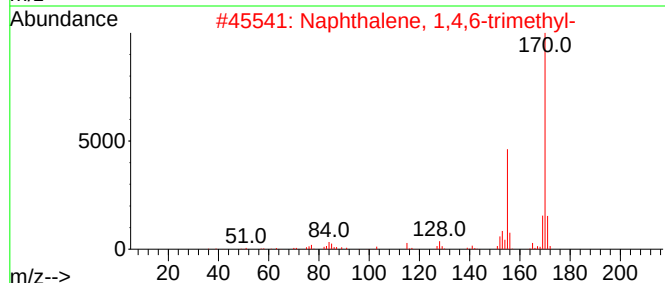
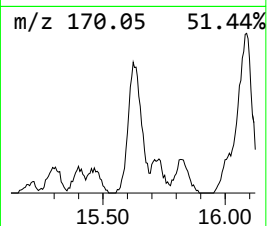
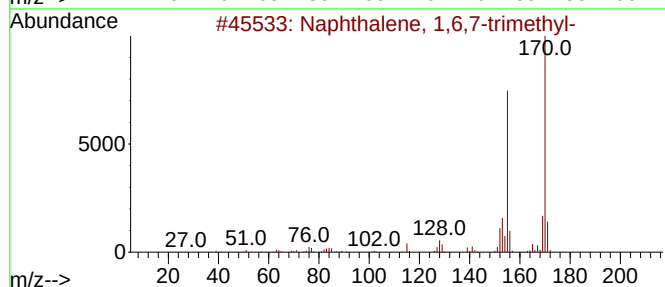
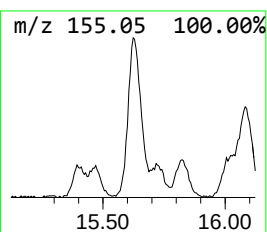
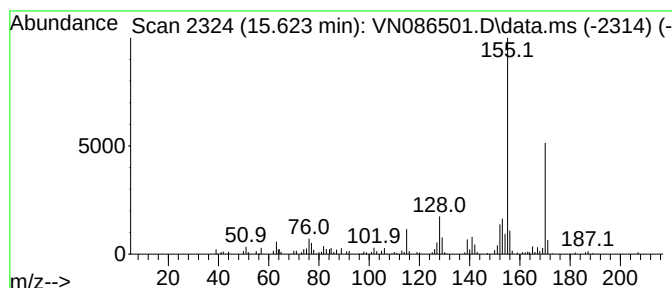
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	19.85 ug/l	316513	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

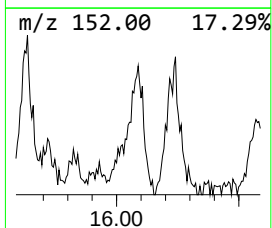
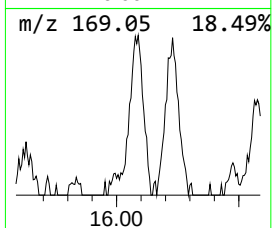
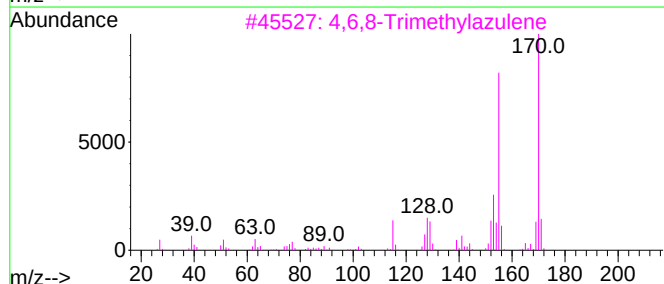
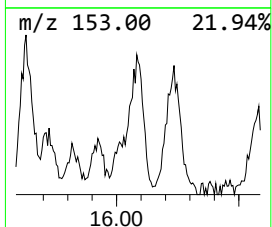
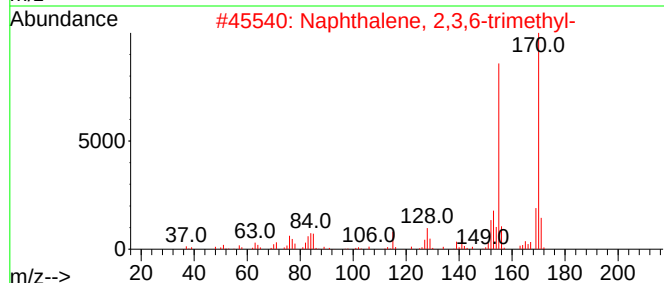
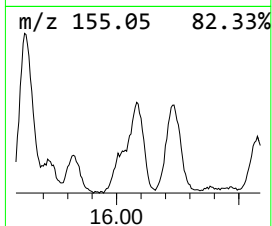
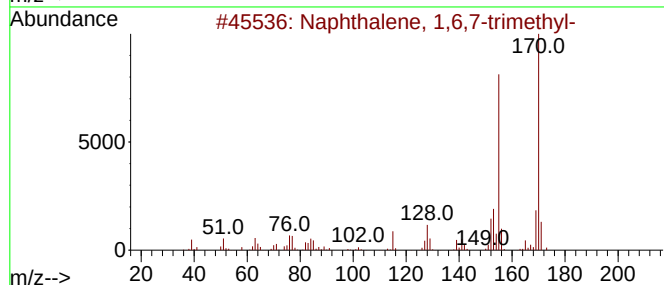
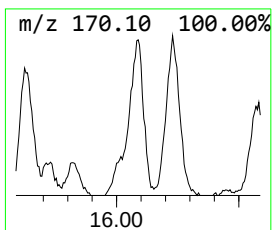
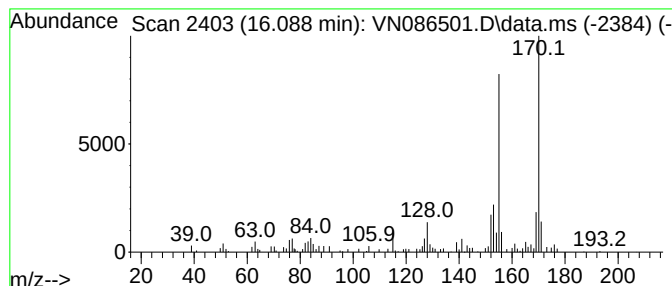
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.088	19.46 ug/l	310378	1,4-Dichlorobenzene-d4	13.788

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

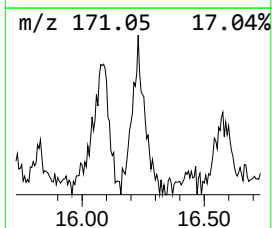
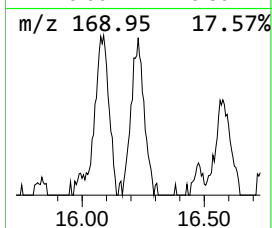
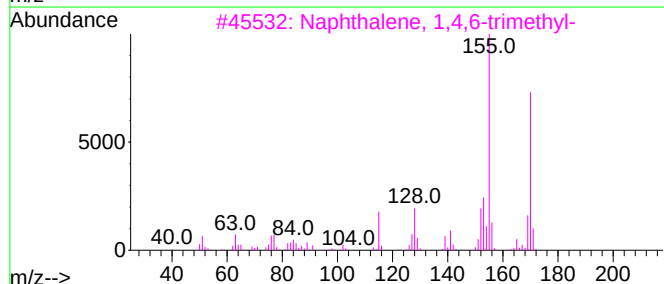
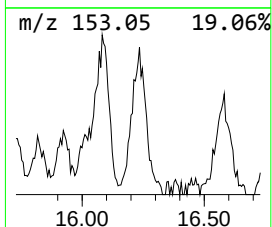
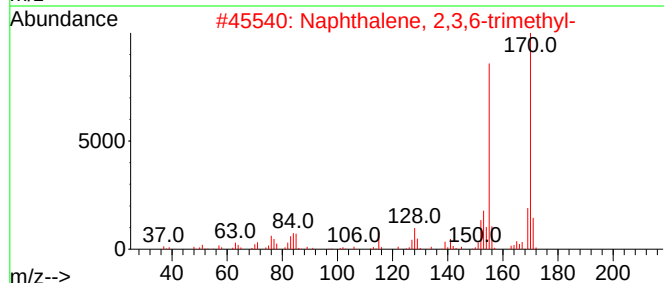
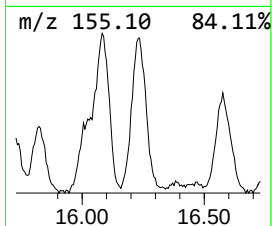
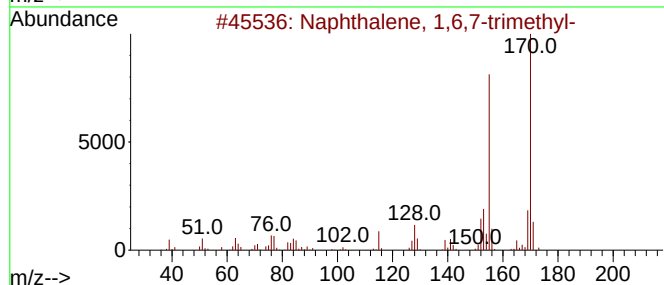
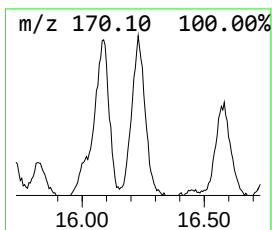
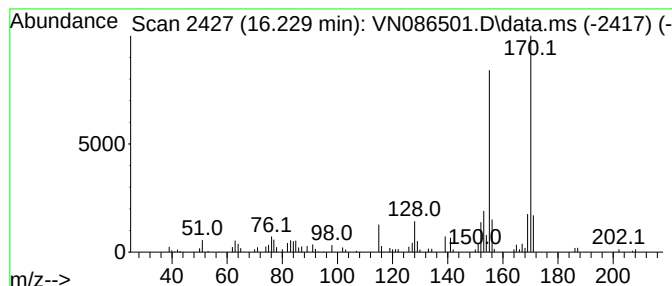
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.229	11.92 ug/l	190066	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

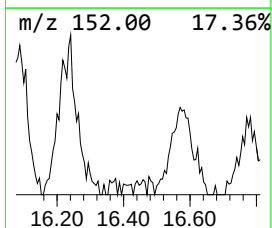
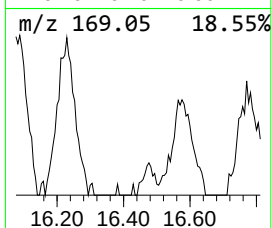
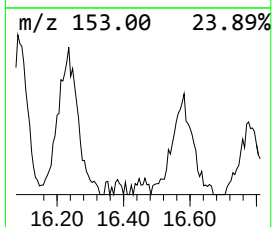
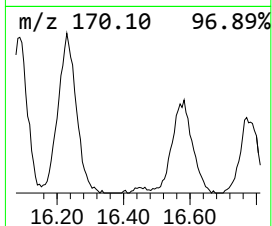
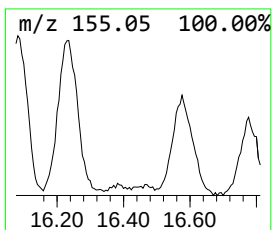
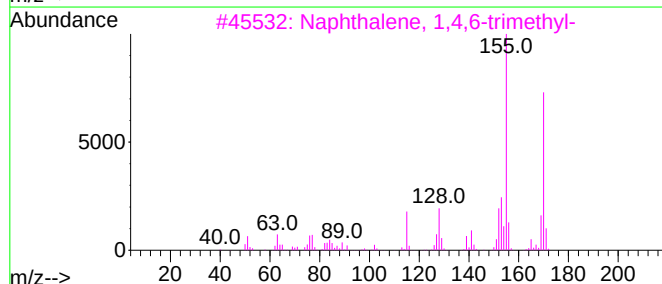
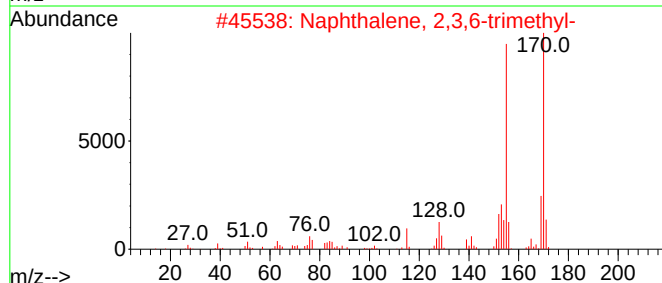
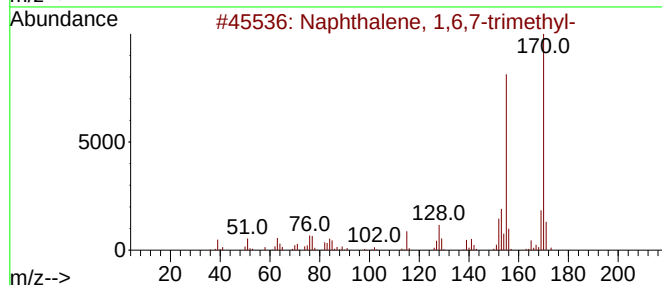
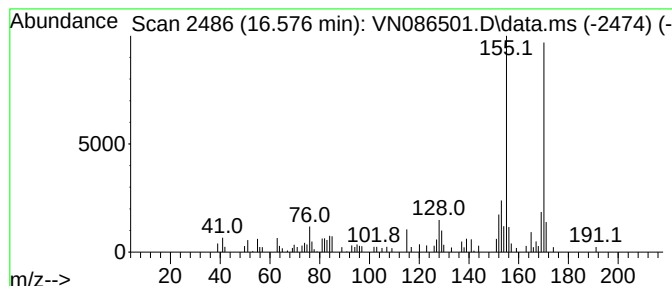
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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

Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.576	10.56 ug/l	168327	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086501.D
Acq On : 05 May 2025 21:14
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.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,...	13.300	17.9	ug/l	285973	4	13.788	797325	50.0
1-(2,2,6-Trimet...	13.470	11.7	ug/l	186163	4	13.788	797325	50.0
Naphthalene, 1,...	13.653	60.9	ug/l	970488	4	13.788	797325	50.0
Naphthalene, 2,...	14.000	59.1	ug/l	943182	4	13.788	797325	50.0
Naphthalene, 1,...	14.112	32.5	ug/l	518274	4	13.788	797325	50.0
Naphthalene, 1,...	14.541	14.4	ug/l	229124	4	13.788	797325	50.0
Naphthalene, 1,...	15.623	19.9	ug/l	316513	4	13.788	797325	50.0
Naphthalene, 2,...	16.088	19.5	ug/l	310378	4	13.788	797325	50.0
Naphthalene, 1,...	16.229	11.9	ug/l	190066	4	13.788	797325	50.0
4,6,8-Trimethyl...	16.576	10.6	ug/l	168327	4	13.788	797325	50.0