

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086955.D
 Acq On : 11 Jun 2025 17:41
 Operator : JC\MD
 Sample : Q2231-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15-20250604

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\82N060625W.M
 Title : SW846 8260

Signal : TIC: VN086955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.977	1014	1024	1032	rBV	29718	71097	4.58%	0.467%
2	8.177	1048	1058	1062	rBV	176231	417252	26.90%	2.739%
3	8.235	1062	1068	1079	rVB	311327	725125	46.75%	4.759%
4	8.588	1118	1128	1141	rVB	193963	433088	27.92%	2.843%
5	9.106	1206	1216	1226	rBV	499096	1023791	66.01%	6.720%
6	10.571	1456	1465	1477	rBV	747208	1408116	90.79%	9.242%
7	11.106	1549	1556	1563	rBV2	10441	20758	1.34%	0.136%
8	11.865	1677	1685	1698	rBV	630826	1154569	74.44%	7.578%
9	12.588	1789	1808	1823	rBV2	63387	359121	23.16%	2.357%
10	12.847	1845	1852	1865	rVB	489826	868473	56.00%	5.700%
11	13.041	1878	1885	1890	rBV2	8048	20075	1.29%	0.132%
12	13.288	1904	1927	1952	rVB	154528	937093	60.42%	6.151%
13	13.482	1953	1960	1965	rVB	35210	60097	3.87%	0.394%
14	13.647	1965	1988	2006	rBV2	151805	841678	54.27%	5.524%
15	13.788	2006	2012	2027	rBV	666427	1234063	79.57%	8.100%
16	13.988	2030	2046	2056	rVV2	402967	1550911	100.00%	10.180%
17	14.100	2057	2065	2076	rVB4	109889	402532	25.95%	2.642%
18	14.464	2113	2127	2131	rBV3	80730	265229	17.10%	1.741%
19	14.535	2132	2139	2149	rVB3	118930	423912	27.33%	2.782%
20	14.829	2178	2189	2202	rBV3	102001	350675	22.61%	2.302%
21	15.053	2217	2227	2235	rBV5	37557	134605	8.68%	0.884%
22	15.206	2246	2253	2258	rBV	35331	72686	4.69%	0.477%
23	15.300	2259	2269	2277	rVB6	21439	79301	5.11%	0.521%
24	15.500	2287	2303	2316	rBV	424241	1526060	98.40%	10.017%
25	15.635	2316	2326	2335	rBV	309097	655817	42.29%	4.305%
26	15.917	2367	2374	2380	rBV7	8986	26962	1.74%	0.177%
27	16.576	2477	2486	2496	rVB8	14571	52738	3.40%	0.346%
28	16.782	2513	2521	2522	rBV	66528	119554	7.71%	0.785%

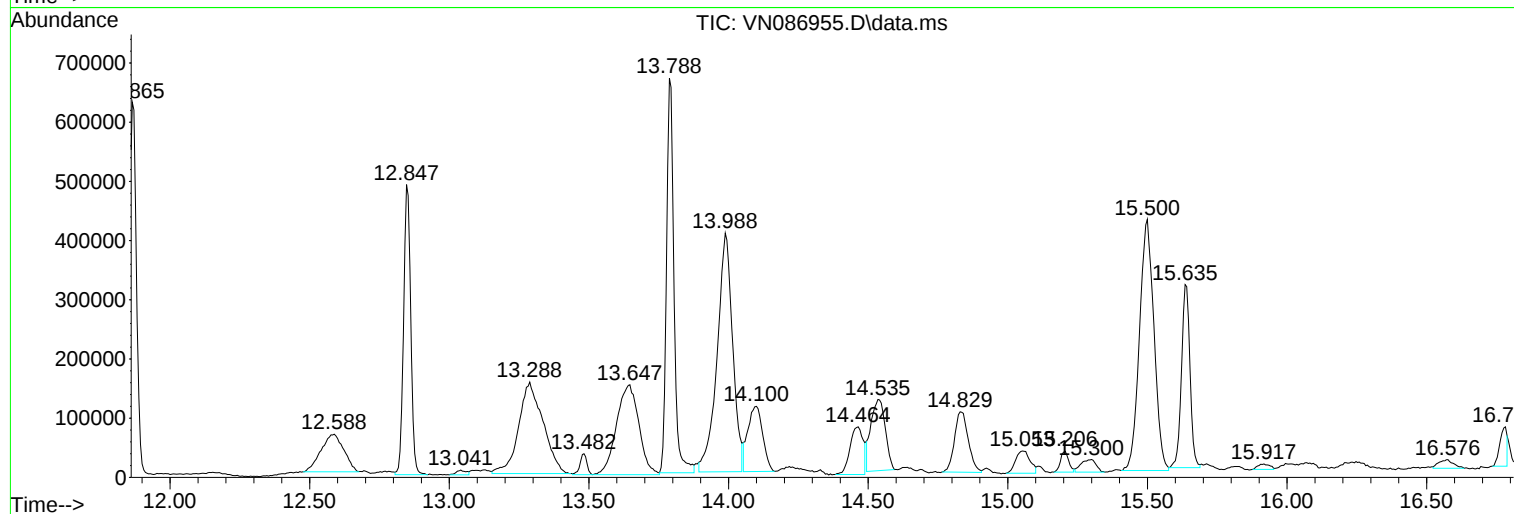
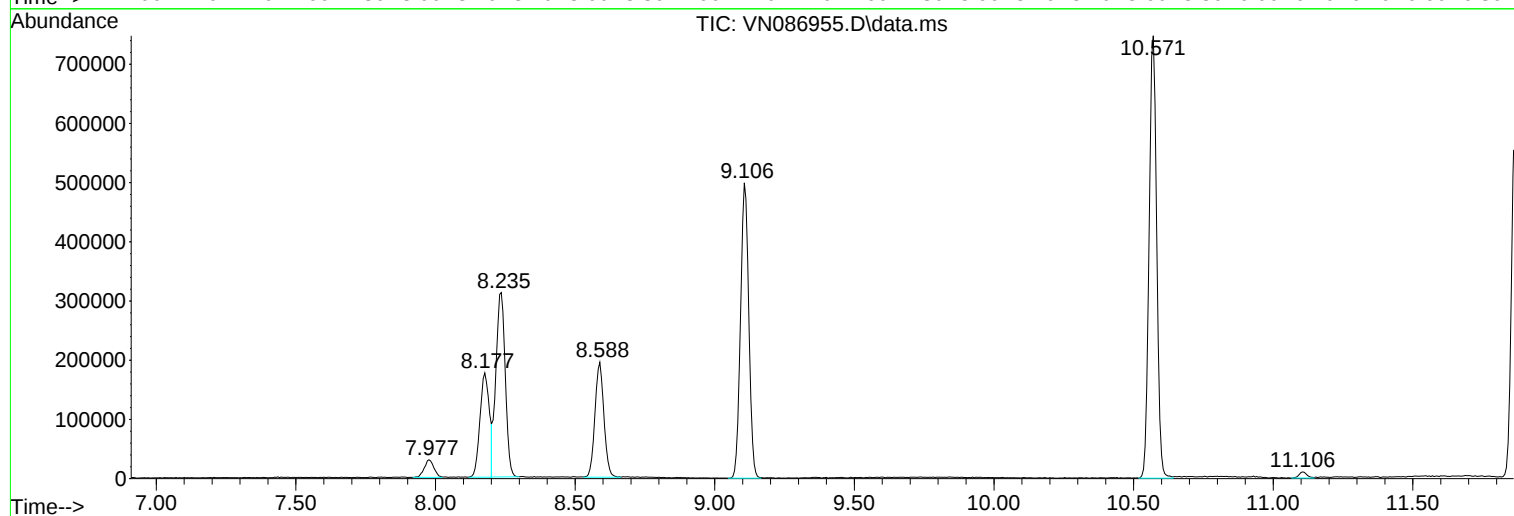
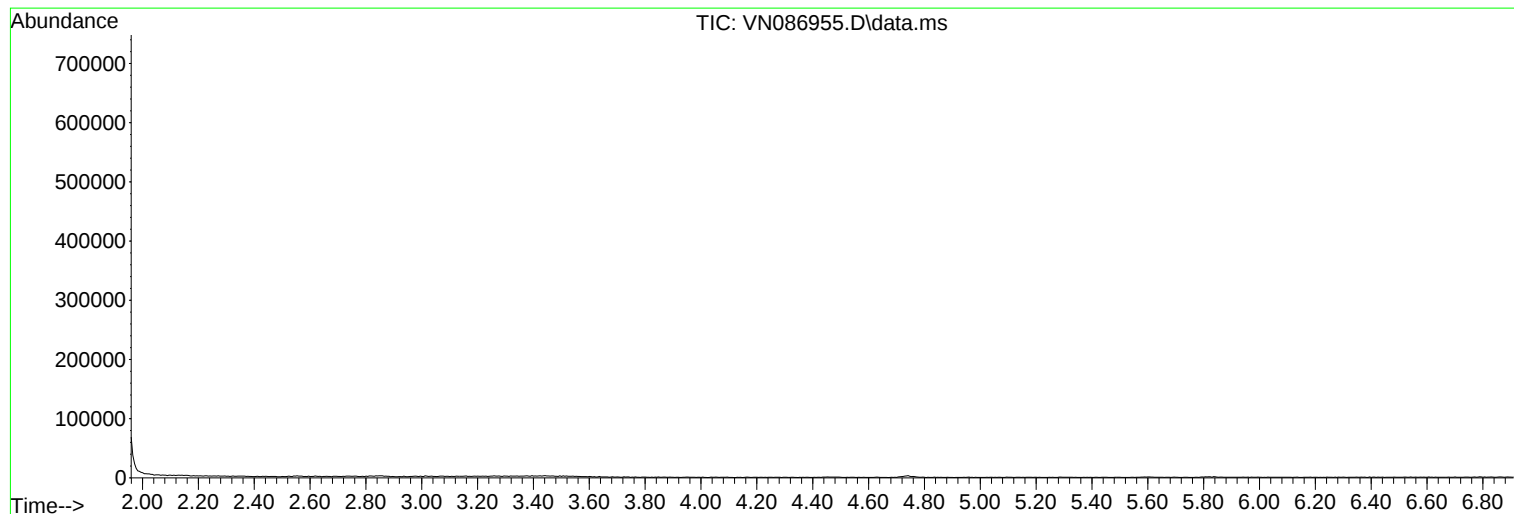
Sum of corrected areas: 15235378

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

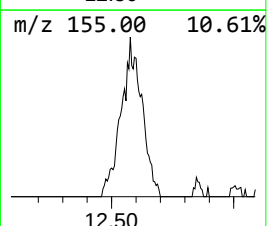
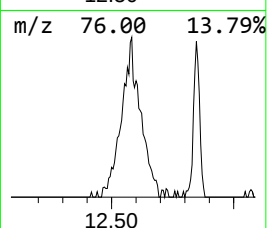
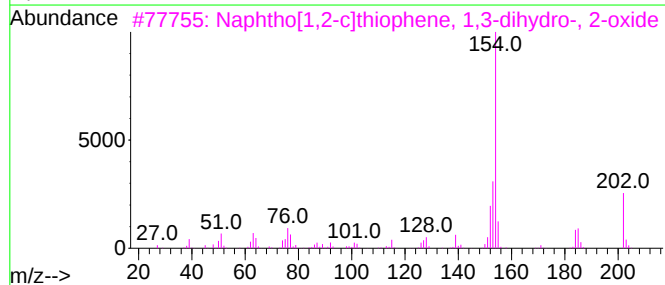
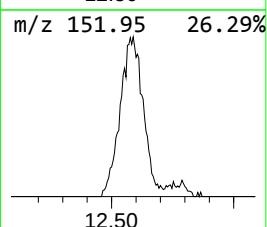
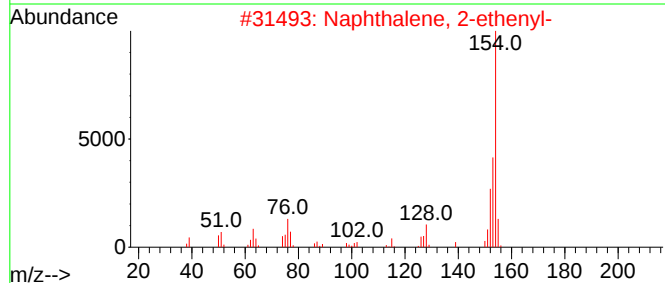
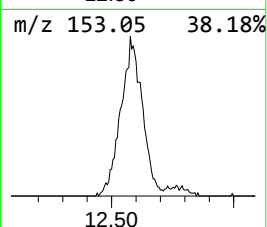
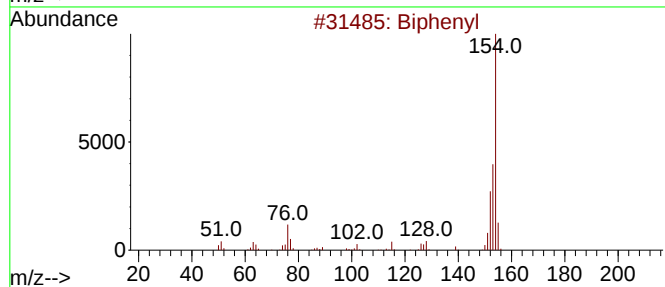
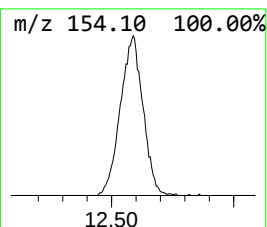
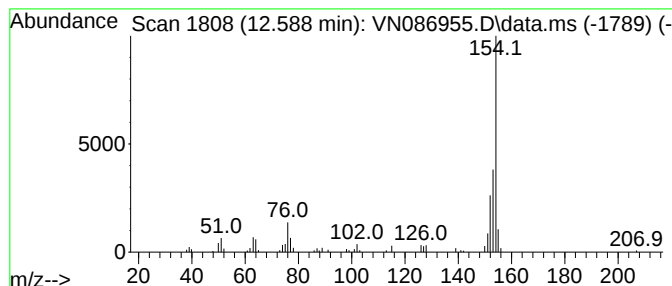
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 1 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.588	15.55 ug/l	359121	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3			Naphtho[1,2-c]thiophene, 1,3-dih...	202	C12H100S	031739-49-8	56
4			Acenaphthene	154	C12H10	000083-32-9	49
5			Propanedinitrile, 2,4,6-cyclohep...	154	C10H6N2	002860-54-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

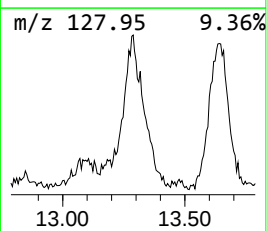
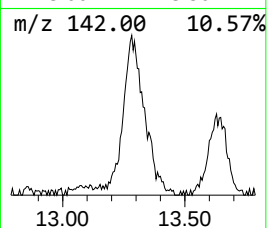
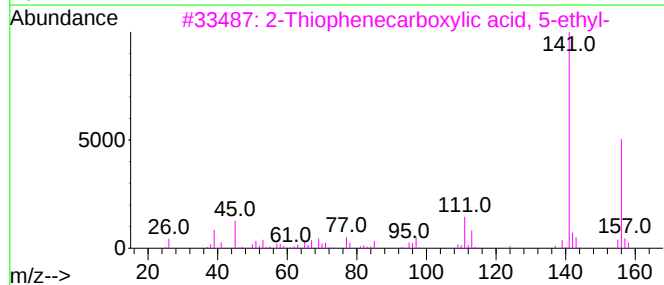
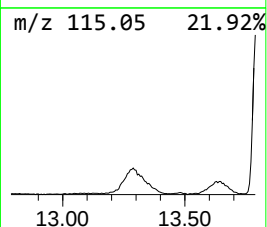
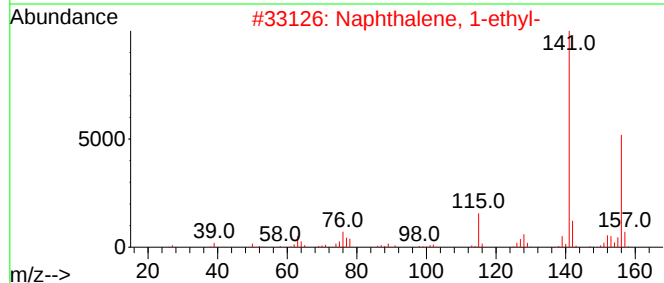
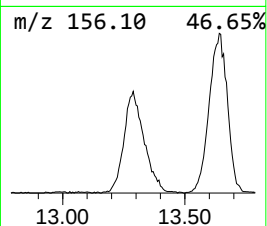
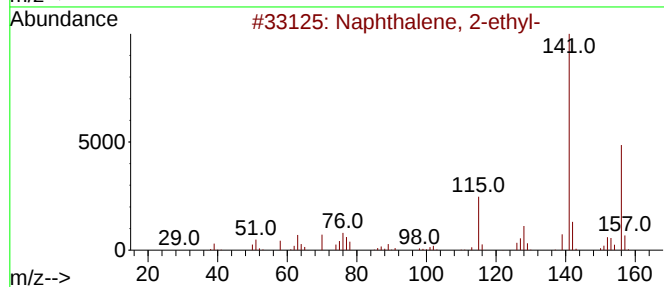
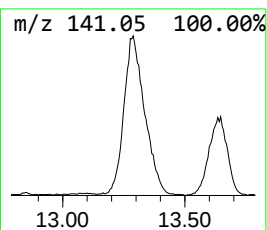
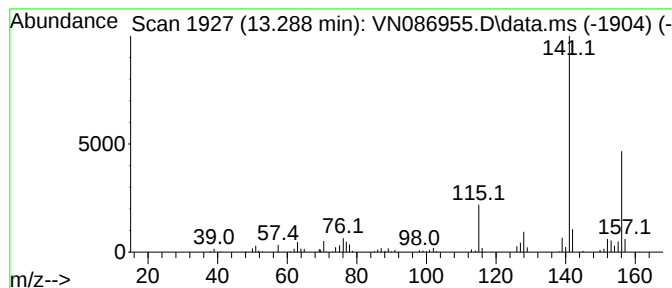
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	37.97 ug/l	937093	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

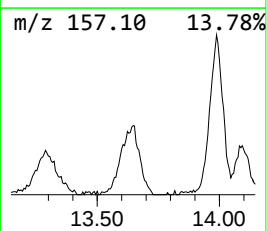
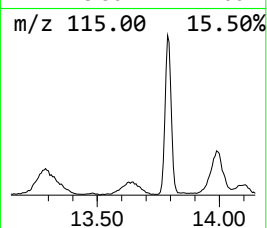
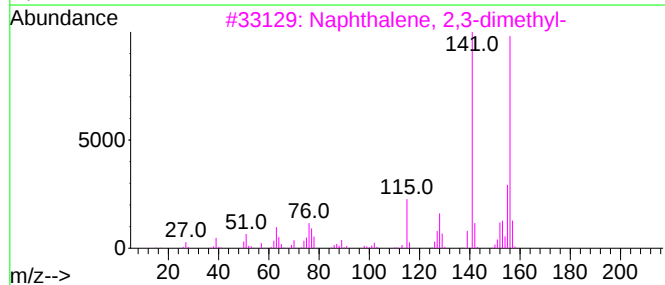
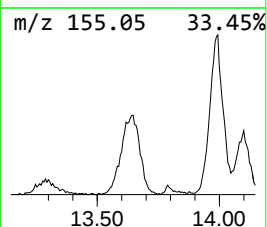
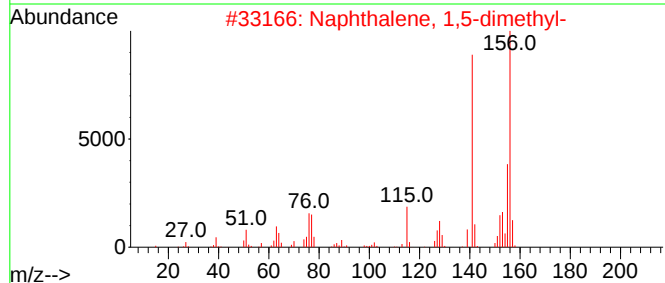
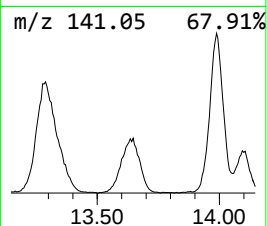
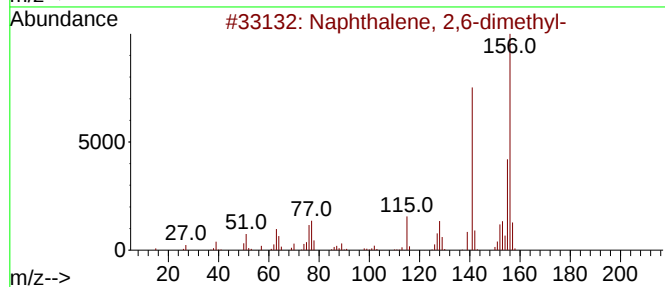
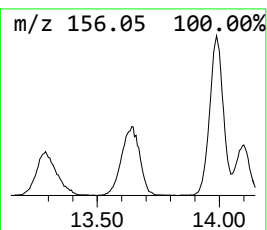
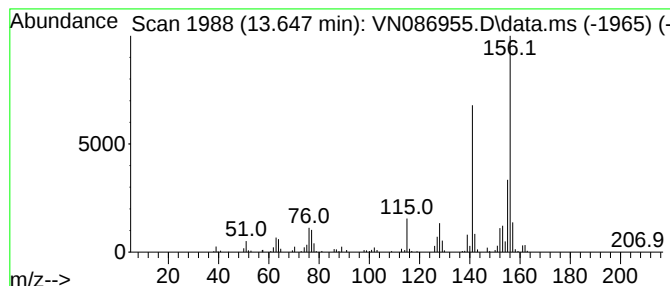
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.647	34.10 ug/l	841678	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

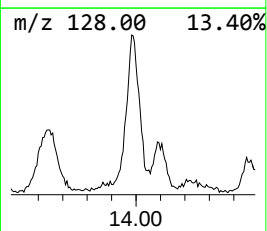
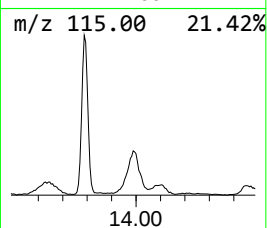
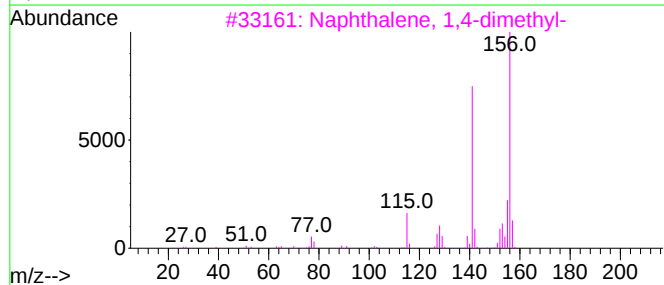
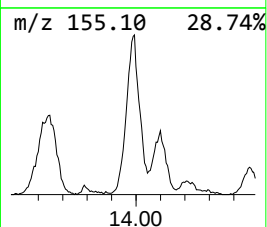
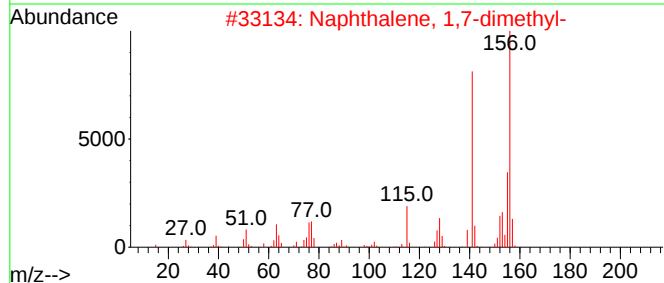
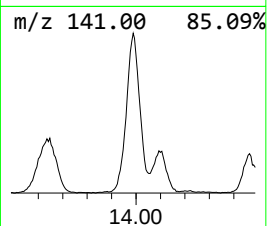
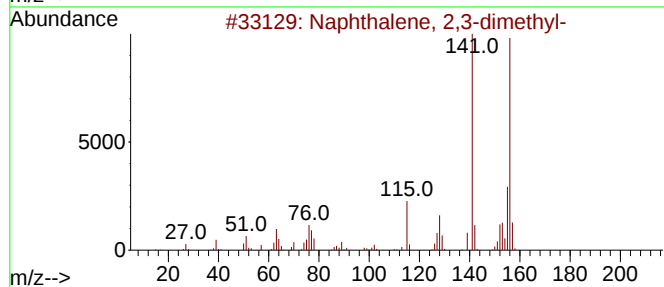
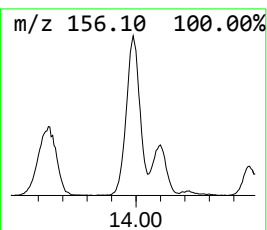
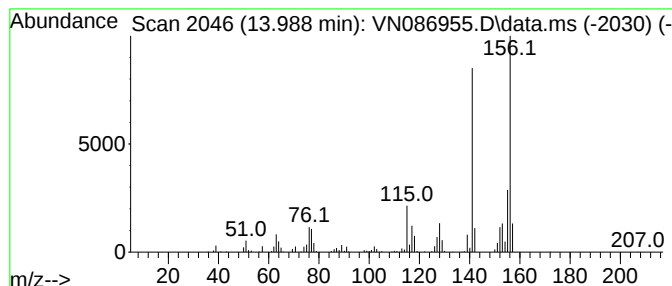
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.988	62.84 ug/l	1550910	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

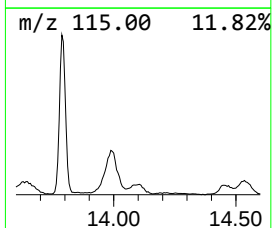
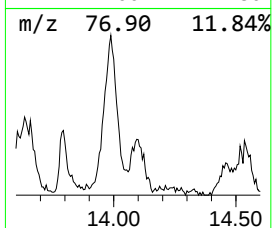
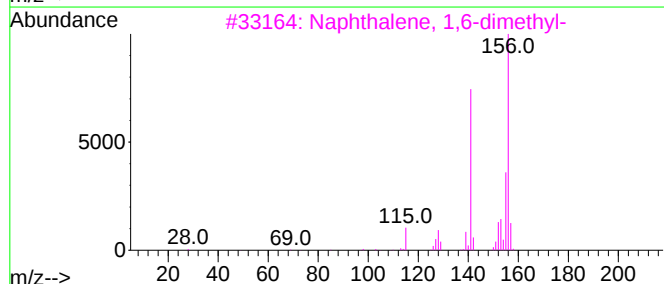
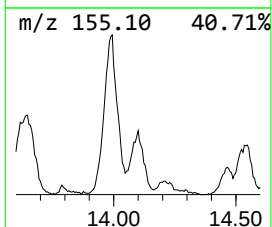
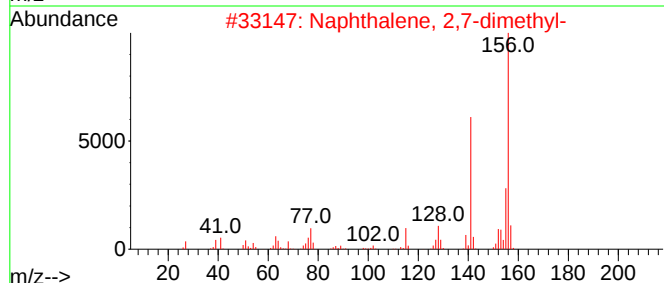
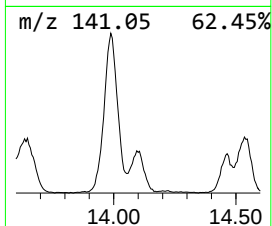
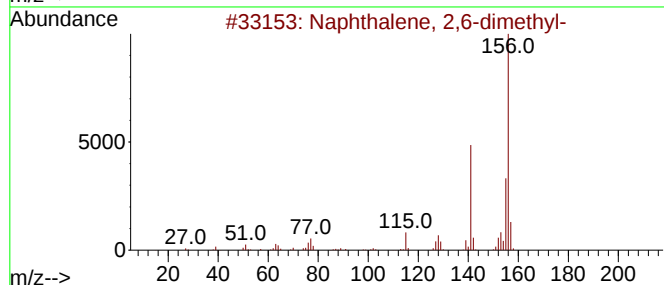
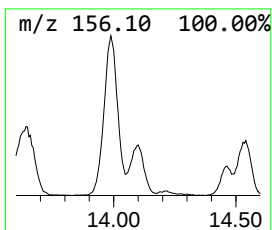
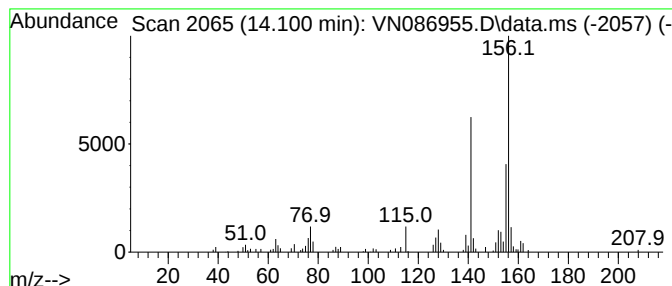
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.100	16.31 ug/l	402532	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

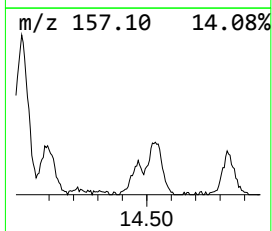
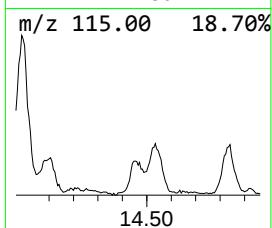
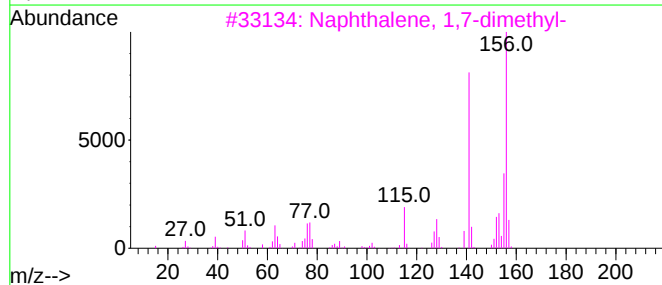
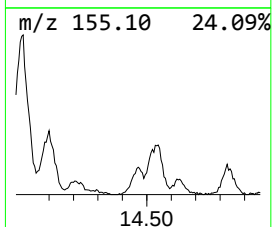
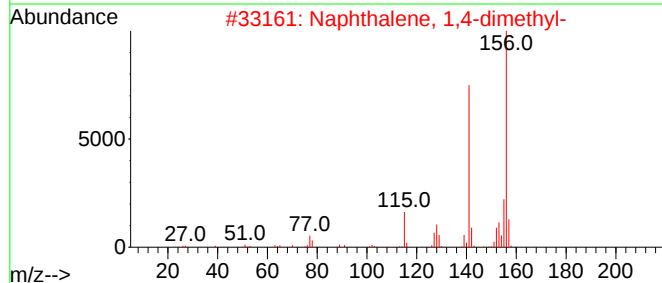
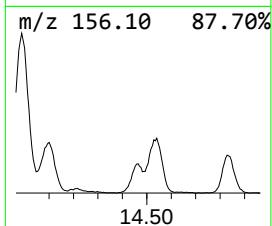
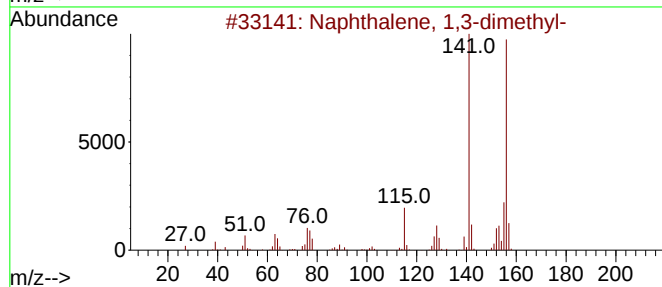
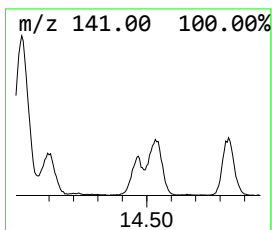
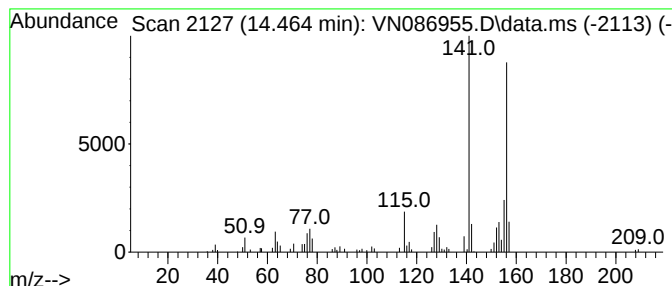
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.464	10.75 ug/l	265229	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

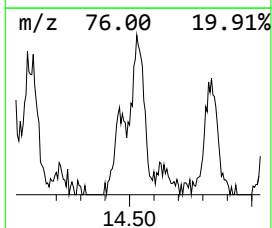
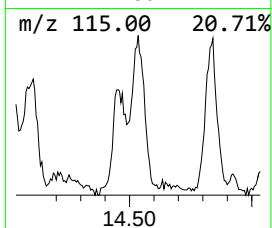
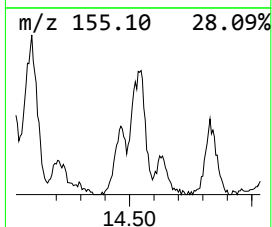
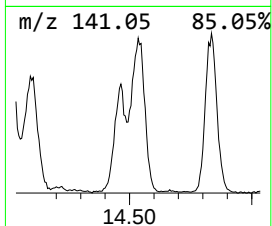
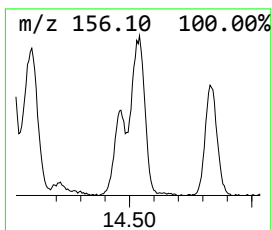
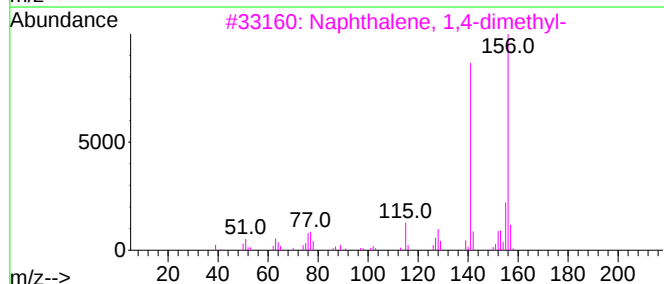
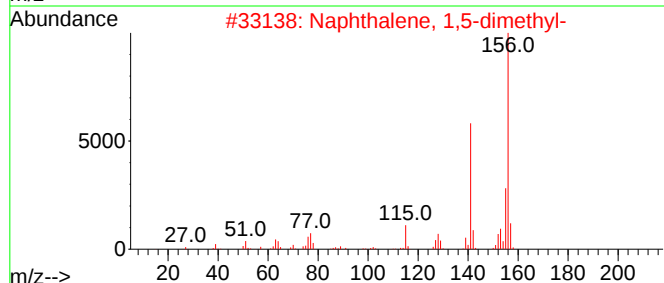
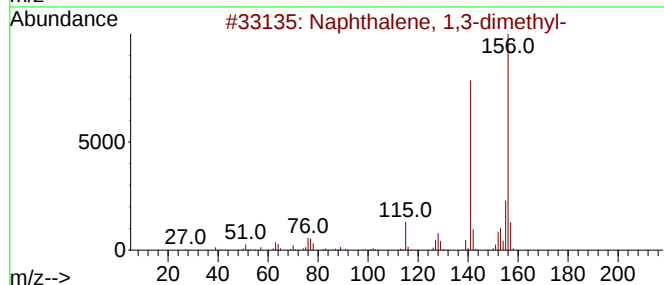
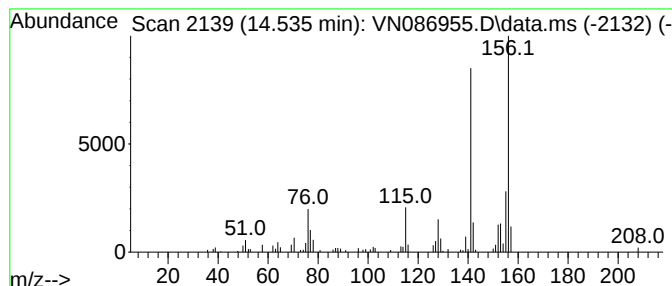
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	17.18 ug/l	423912	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

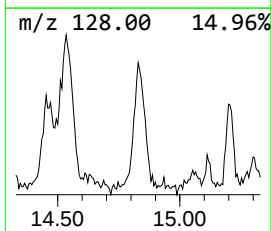
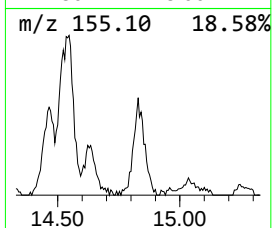
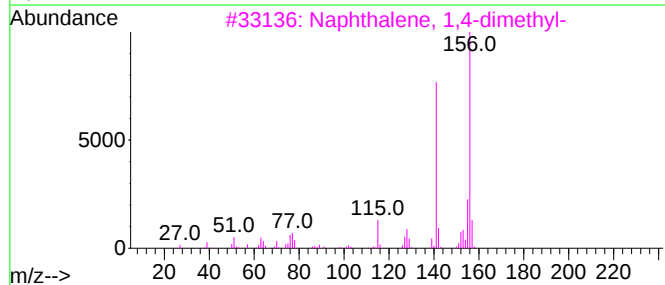
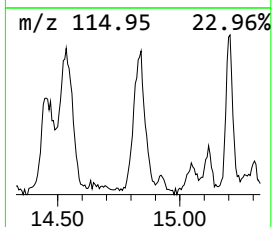
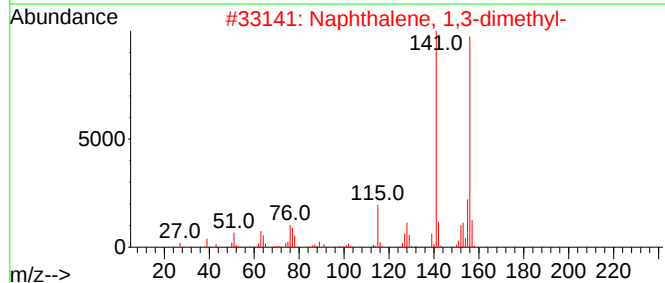
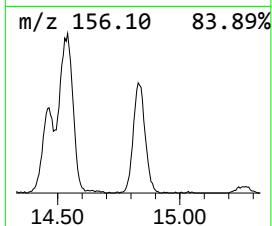
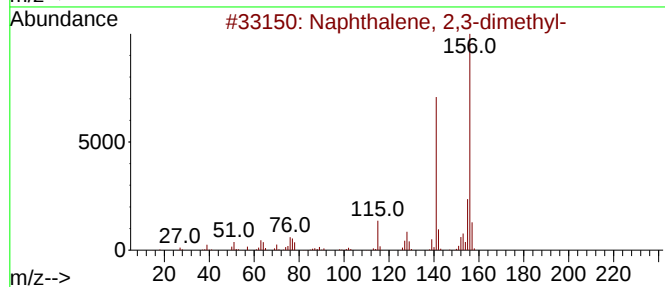
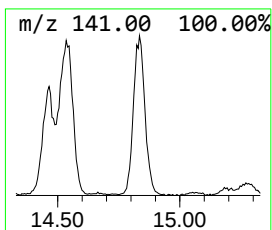
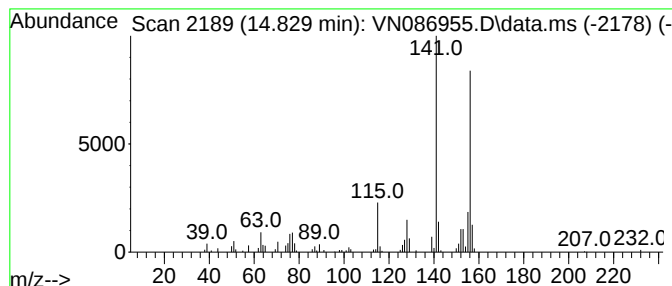
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.829	14.21 ug/l	350675	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

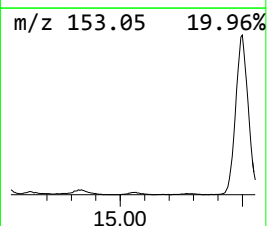
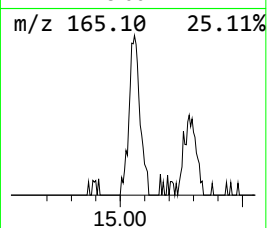
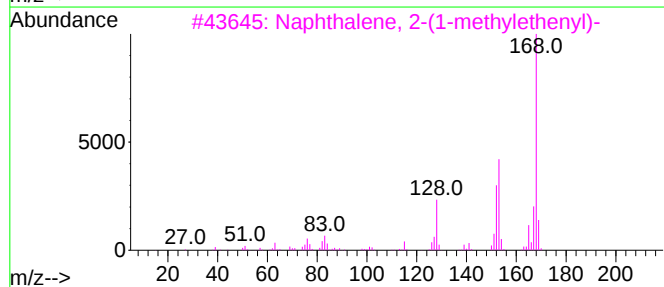
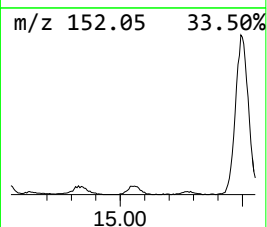
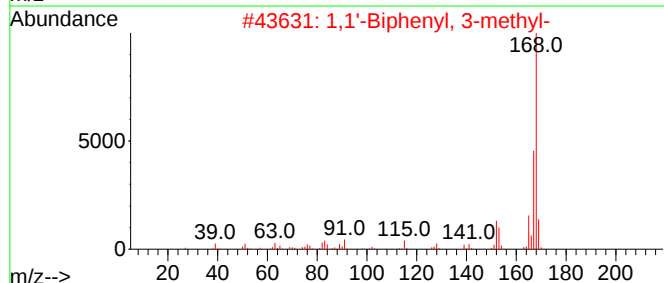
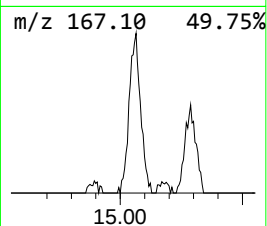
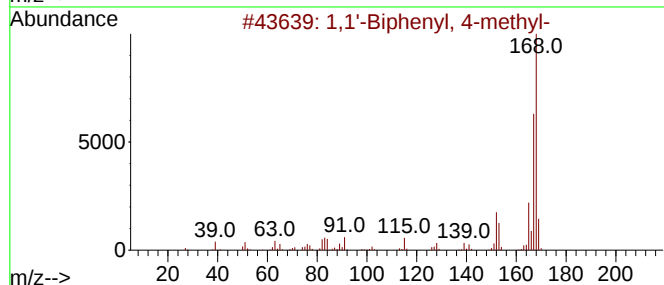
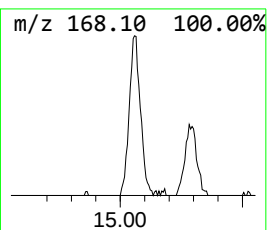
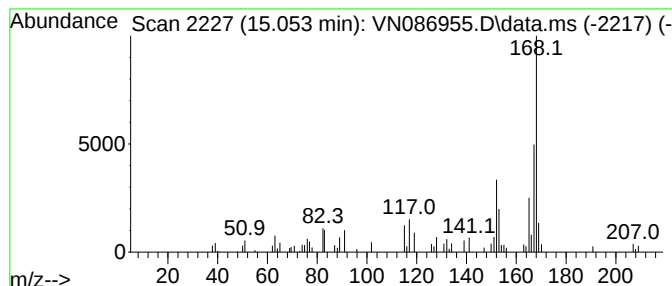
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 9 1,1'-Biphenyl, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	5.45 ug/l	134605	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
4			Diphenylmethane	168	C13H12	000101-81-5	49
5			6-Methylquinoline-2-carbonitrile	168	C11H8N2	1000409-51-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

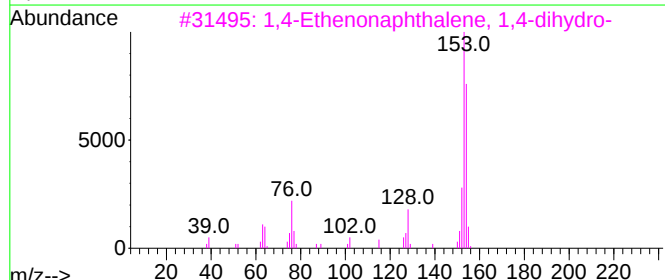
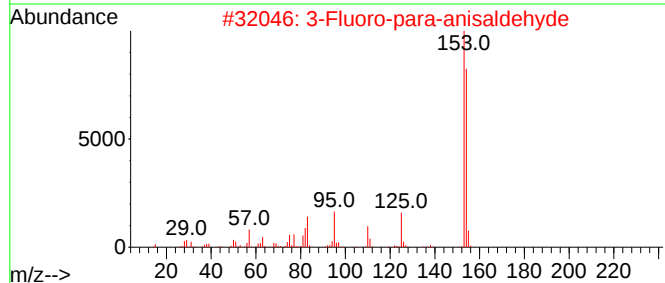
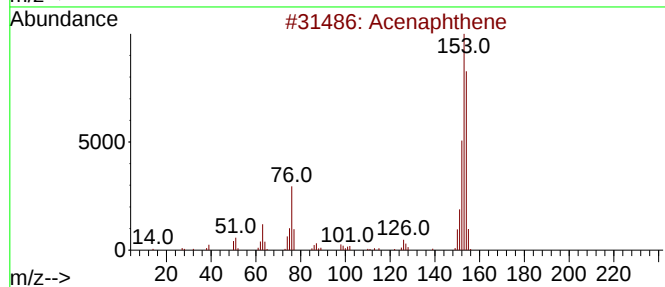
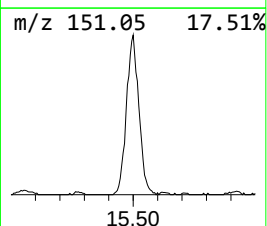
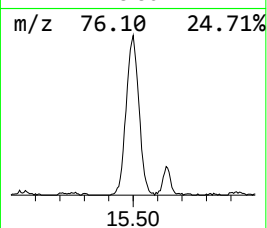
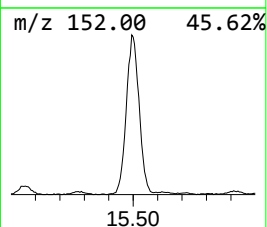
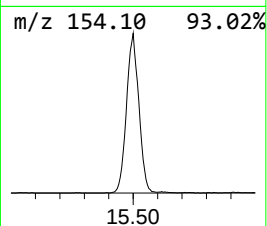
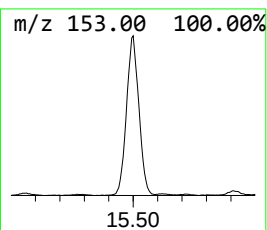
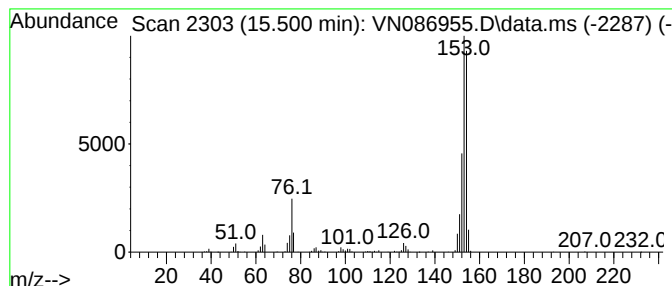
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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

Peak Number 10 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.500	61.83 ug/l	1526060	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	45
4			.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	38
5			Biphenyl	154	C12H10	000092-52-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086955.D
Acq On : 11 Jun 2025 17:41
Operator : JC\MD
Sample : Q2231-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15-20250604

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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
Biphenyl	12.588	15.6	ug/l	359121	3	11.865	1154570	50.0
Naphthalene, 2-...	13.288	38.0	ug/l	937093	4	13.794	1234060	50.0
Naphthalene, 2,...	13.647	34.1	ug/l	841678	4	13.794	1234060	50.0
Naphthalene, 2,...	13.988	62.8	ug/l	1550910	4	13.794	1234060	50.0
Naphthalene, 2,...	14.100	16.3	ug/l	402532	4	13.794	1234060	50.0
Naphthalene, 1,...	14.464	10.8	ug/l	265229	4	13.794	1234060	50.0
Naphthalene, 1,...	14.535	17.2	ug/l	423912	4	13.794	1234060	50.0
Naphthalene, 1,...	14.829	14.2	ug/l	350675	4	13.794	1234060	50.0
1,1'-Biphenyl, ...	15.053	5.5	ug/l	134605	4	13.794	1234060	50.0
Acenaphthene	15.500	61.8	ug/l	1526060	4	13.794	1234060	50.0