

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074959.D
 Acq On : 21 Oct 2022 14:11
 Operator : JC\MD
 Sample : N5222-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D

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\82N102022W.M

Title : SW846 8260

Signal : TIC: VN074959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	35	40	50	rBV	192258	426470	5.89%	0.721%
2	8.171	1032	1040	1045	rBV	1009149	2403495	33.17%	4.062%
3	8.230	1045	1050	1061	rVB	1198028	2664327	36.77%	4.503%
4	8.583	1102	1110	1122	rVB	1088754	2488710	34.35%	4.206%
5	9.106	1188	1199	1208	rBV	1523365	3164679	43.68%	5.348%
6	10.565	1439	1447	1457	rBV	3858640	7245737	100.00%	12.245%
7	11.106	1533	1539	1547	rVB5	70345	133996	1.85%	0.226%
8	11.865	1659	1668	1678	rBV	2287661	4080344	56.31%	6.896%
9	11.965	1680	1685	1691	rVB2	45713	92456	1.28%	0.156%
10	12.659	1784	1803	1804	rBV	953859	2746788	37.91%	4.642%
11	12.847	1827	1835	1844	rVB	2683555	4686303	64.68%	7.920%
12	13.353	1899	1921	1928	rBV4	458594	2217518	30.60%	3.748%
13	13.482	1940	1943	1949	rVB3	95980	154319	2.13%	0.261%
14	13.676	1960	1976	1977	rBV3	671878	1604770	22.15%	2.712%
15	13.794	1990	1996	2004	rVB	2587589	4532025	62.55%	7.659%
16	14.029	2018	2036	2047	rBV	1735132	6658471	91.90%	11.253%
17	14.141	2049	2055	2067	rVB3	468541	1548295	21.37%	2.617%
18	14.506	2102	2117	2121	rBV3	327910	1106749	15.27%	1.870%
19	14.582	2123	2130	2139	rVB3	497748	1531227	21.13%	2.588%
20	14.876	2168	2180	2199	rVB4	349085	1402005	19.35%	2.369%
21	15.112	2202	2220	2227	rVV10	118323	570860	7.88%	0.965%
22	15.206	2229	2236	2245	rVV3	149219	317008	4.38%	0.536%
23	15.317	2246	2255	2264	rVB3	68495	227089	3.13%	0.384%
24	15.541	2279	2293	2303	rBV3	1084880	3943167	54.42%	6.664%
25	15.641	2303	2310	2319	rVB	1474694	2974498	41.05%	5.027%
26	16.270	2415	2417	2431	rVB	54214	143889	1.99%	0.243%
27	16.582	2462	2470	2476	rBV	32840	106025	1.46%	0.179%

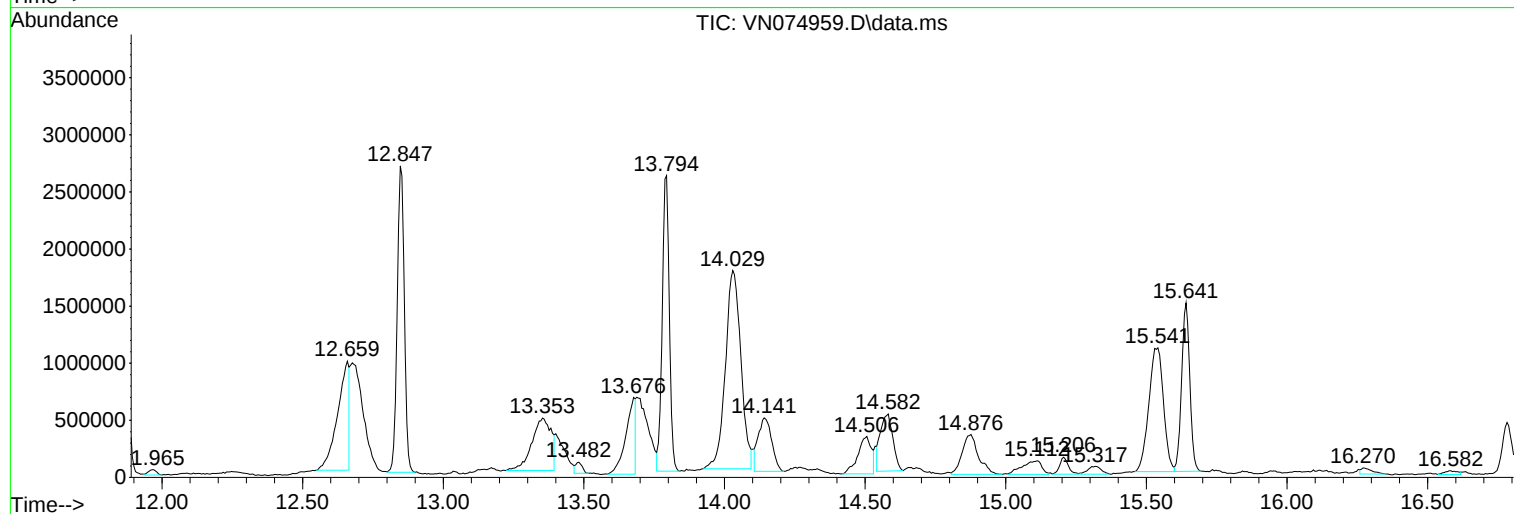
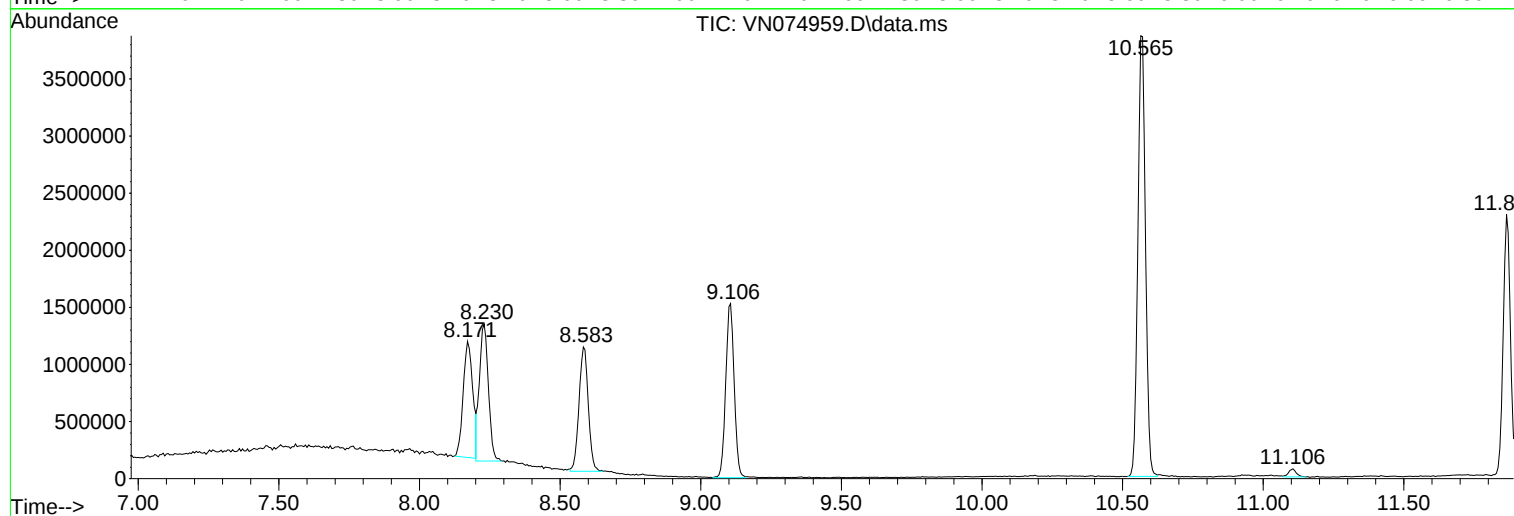
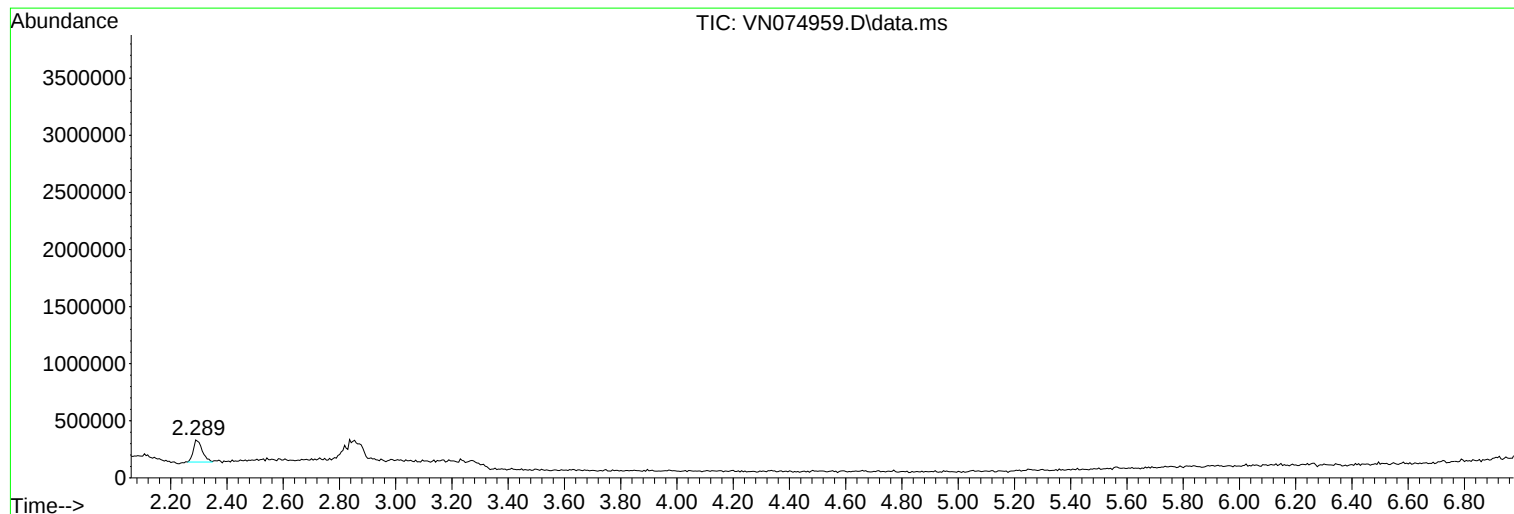
Sum of corrected areas: 59171220

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

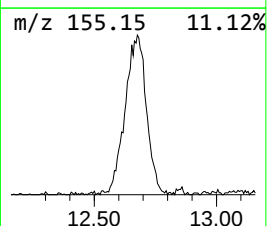
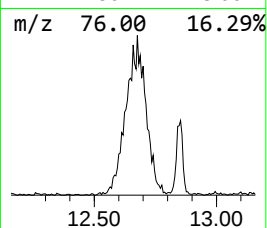
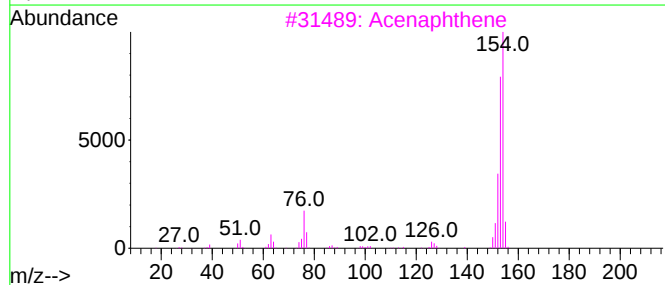
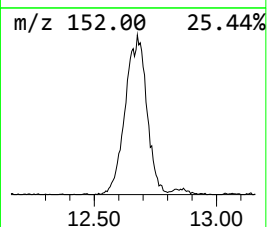
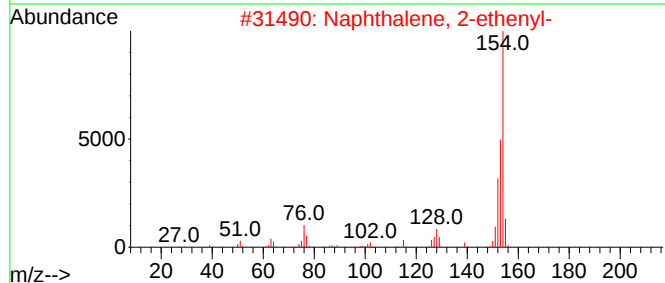
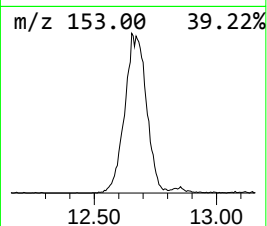
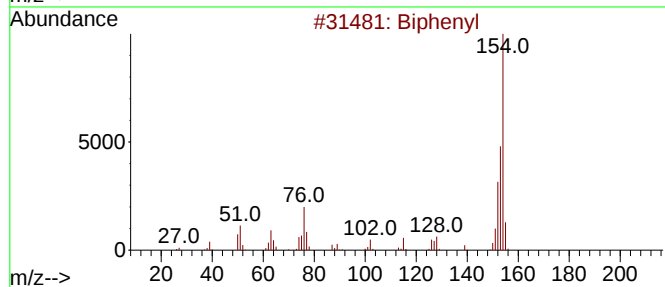
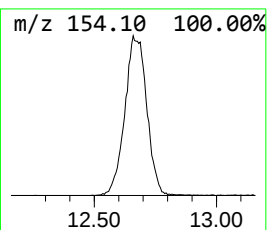
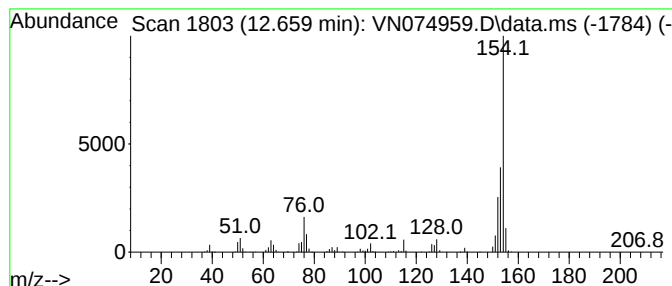
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 1 Biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.659	33.66 ug/l	2746790	Chlorobenzene-d5	11.865

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenyl	154	C12H10	000092-52-4	93
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3		Acenaphthene	154	C12H10	000083-32-9	49
4		6-Cyanoquinoline	154	C10H6N2	023395-72-4	46
5		Propanedinitrile, 2,4,6-cyclohep...	154	C10H6N2	002860-54-0	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

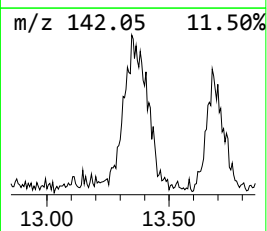
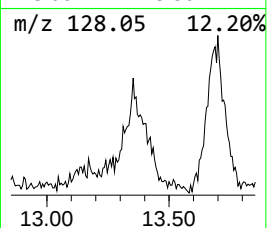
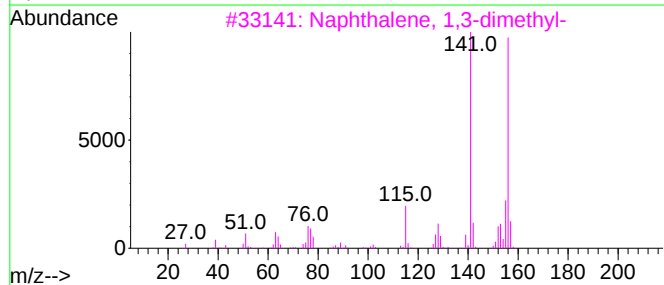
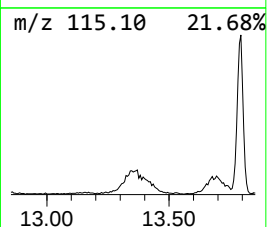
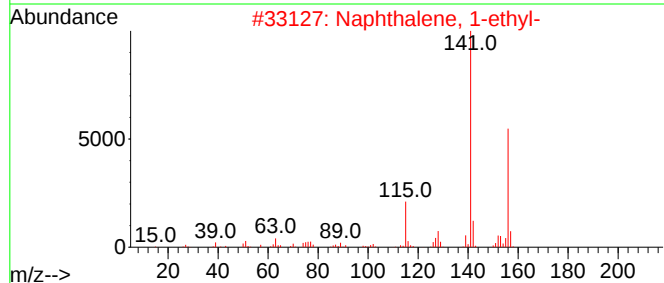
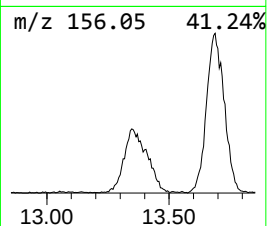
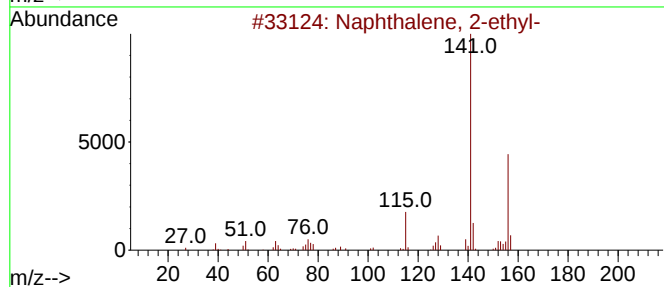
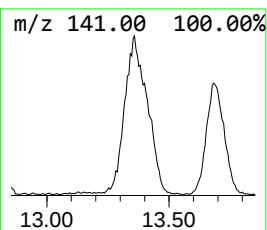
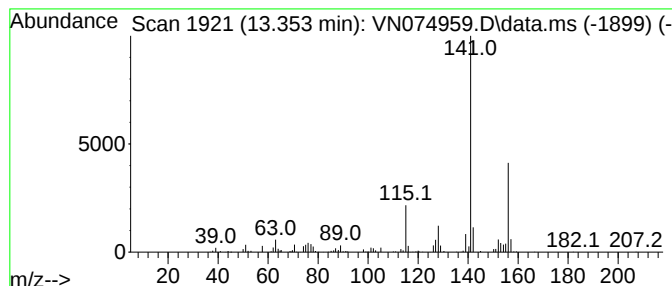
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.353	24.47 ug/l	2217520	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			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

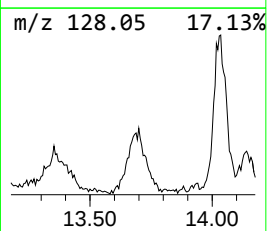
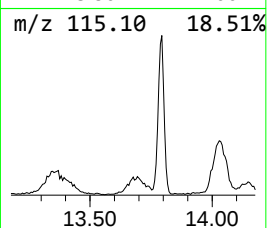
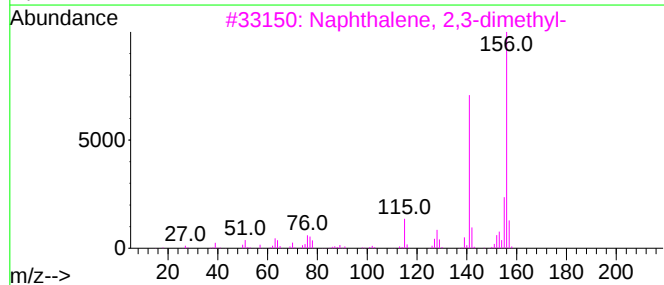
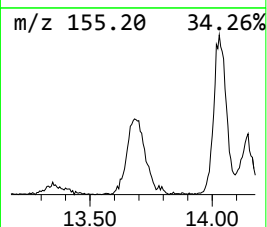
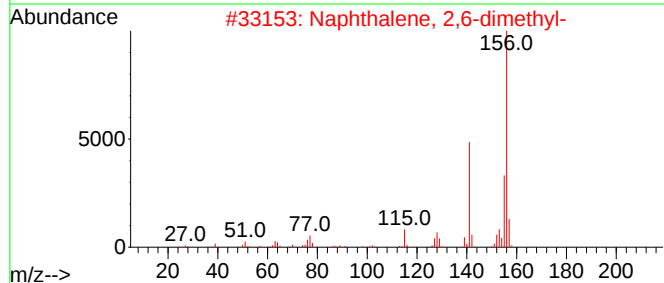
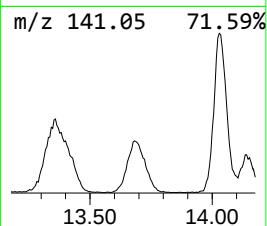
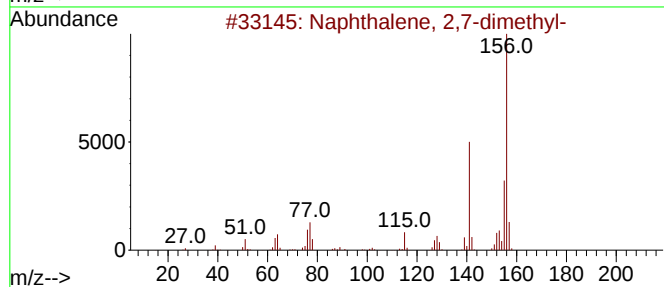
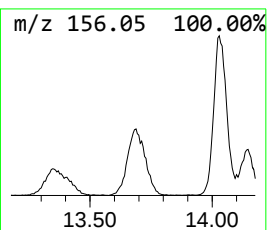
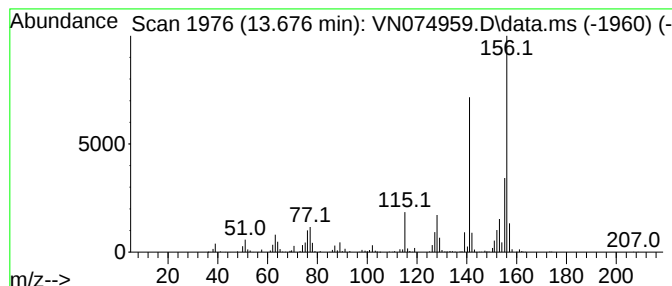
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	17.70 ug/l	1604770	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

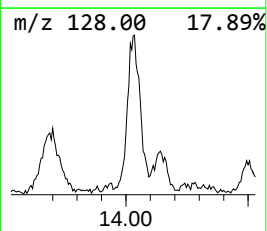
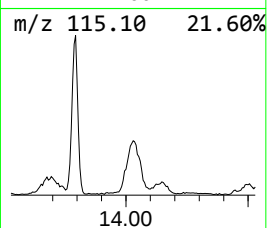
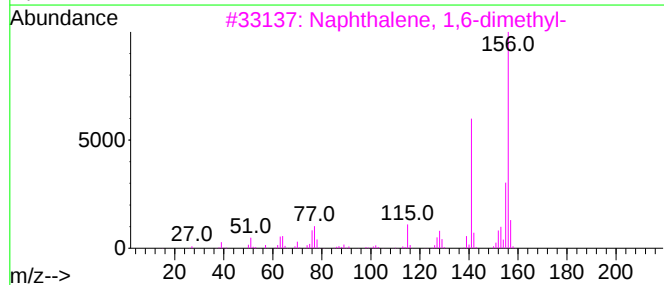
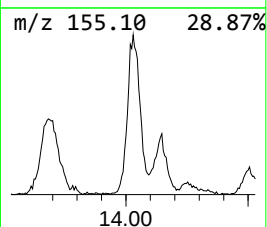
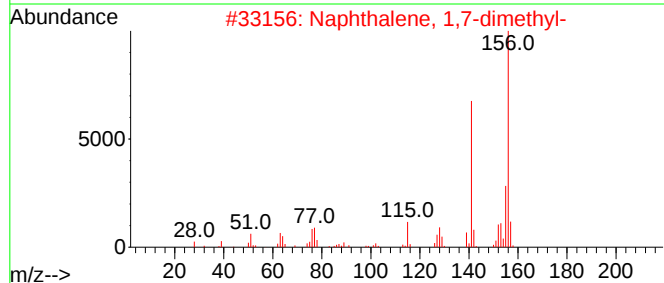
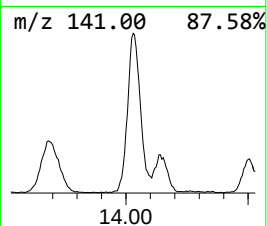
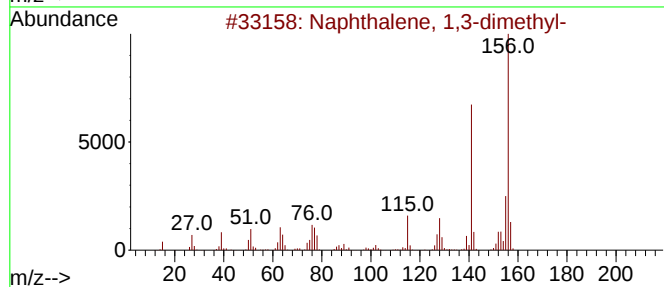
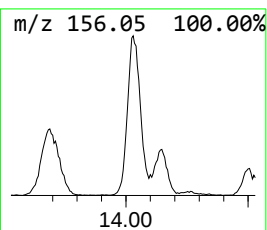
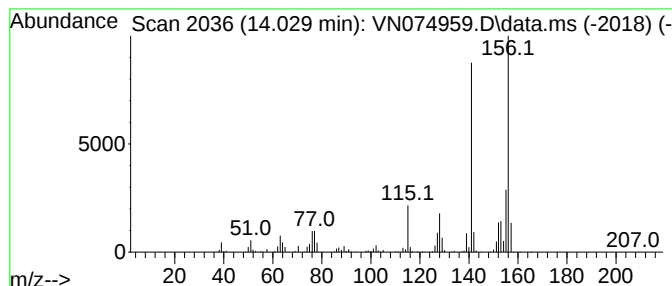
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.029	73.46 ug/l	6658470	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	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

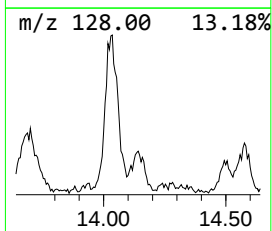
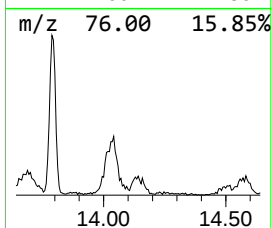
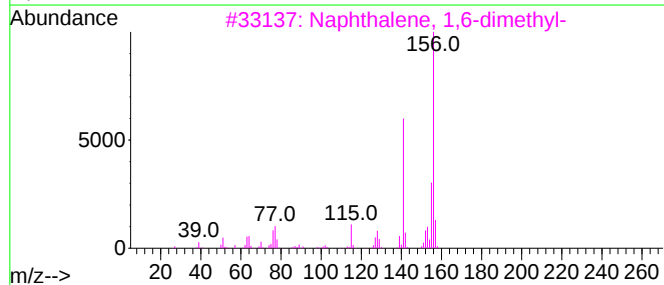
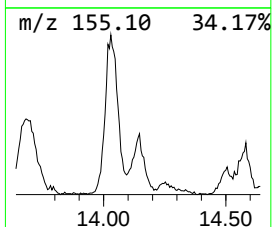
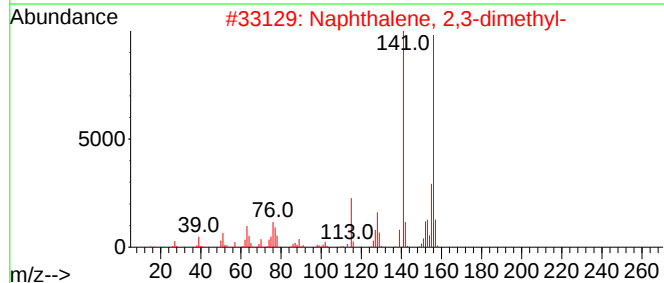
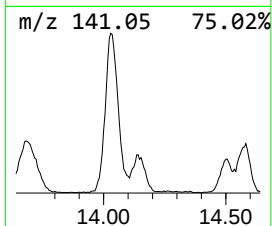
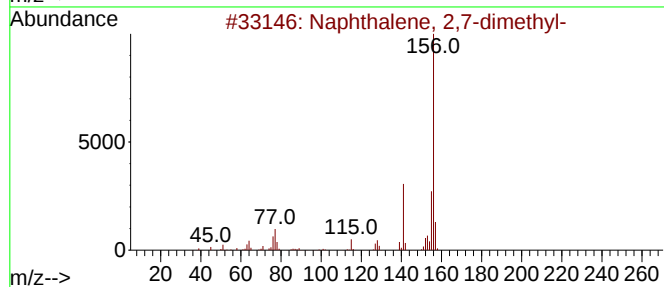
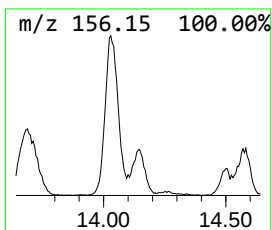
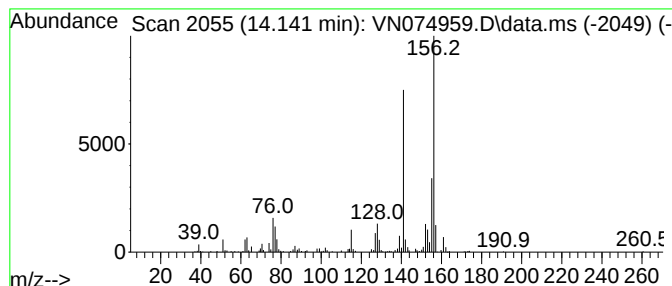
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.141	17.08 ug/l	1548300	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

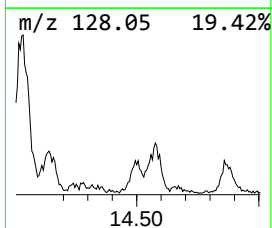
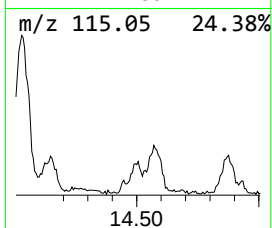
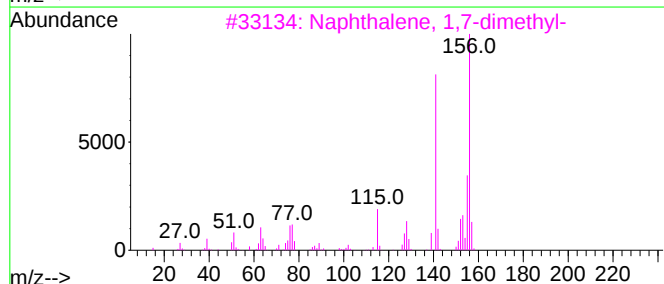
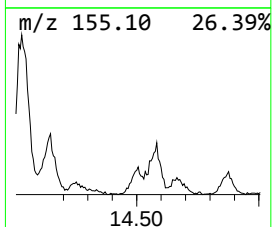
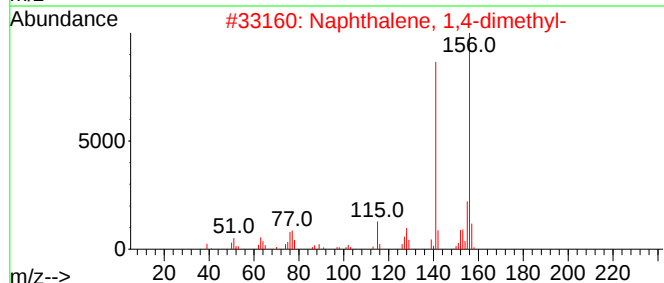
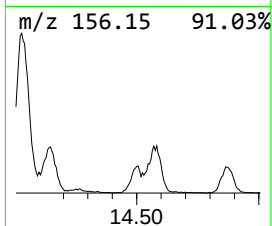
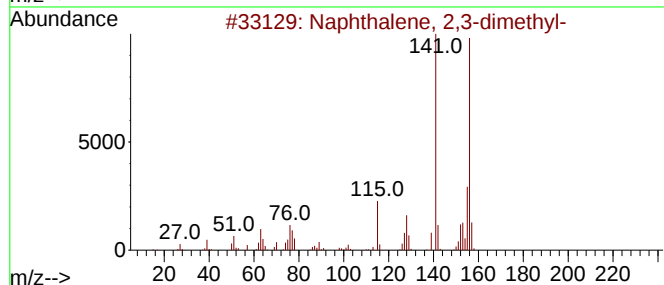
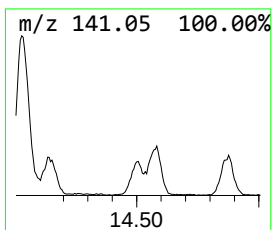
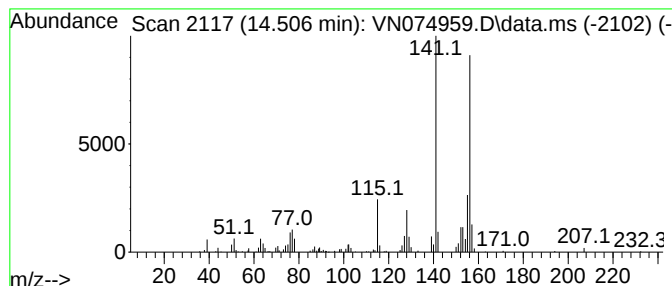
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.506	12.21 ug/l	1106750	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	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

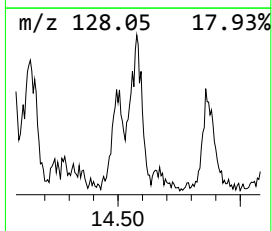
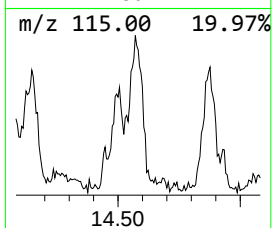
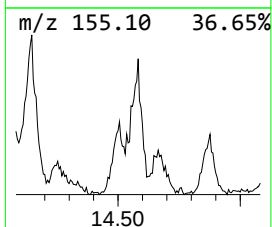
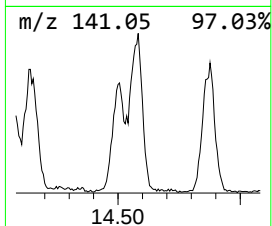
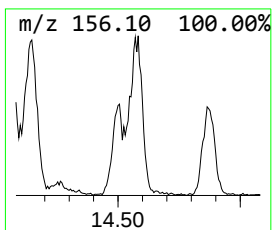
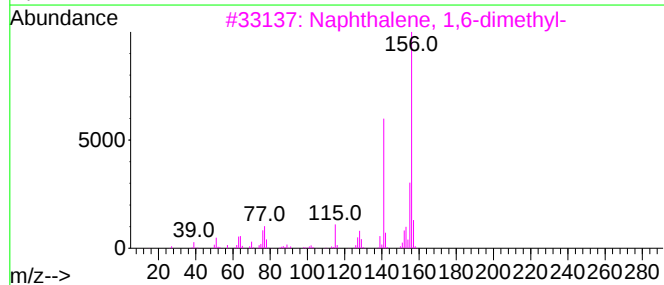
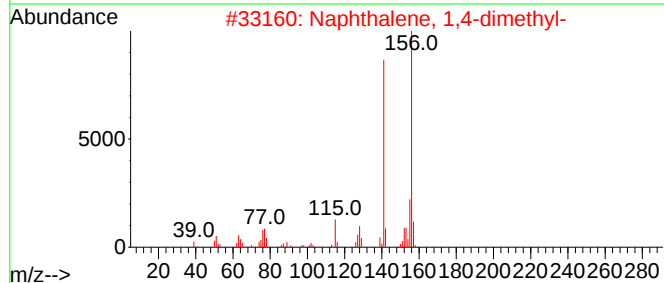
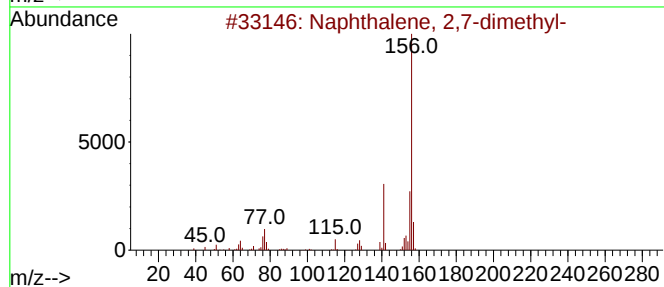
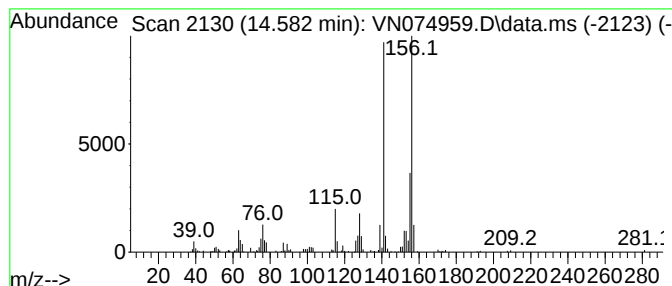
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.582	16.89 ug/l	1531230	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

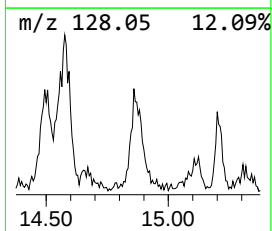
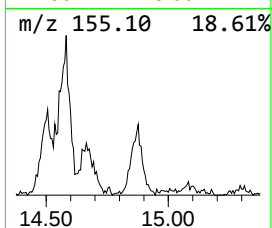
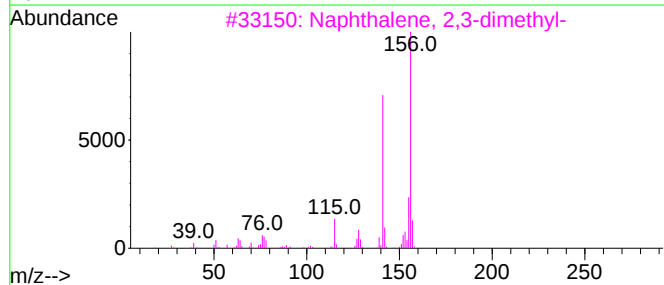
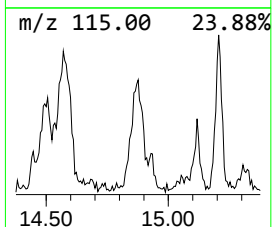
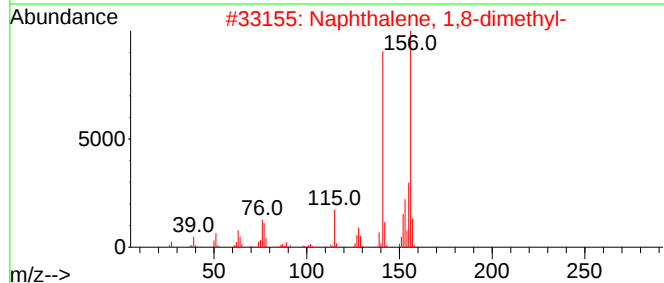
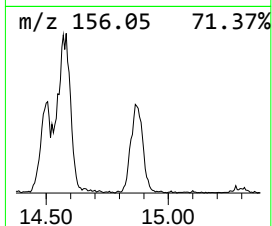
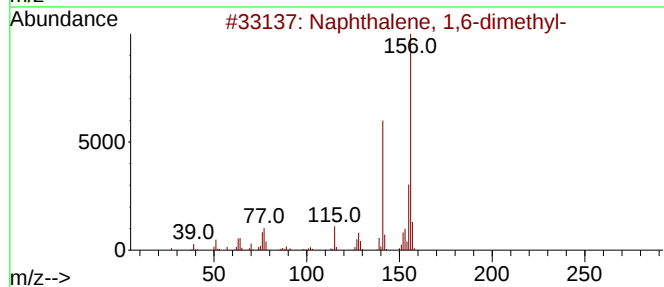
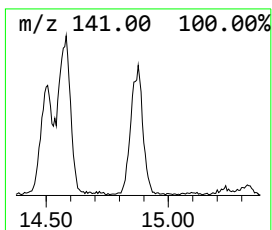
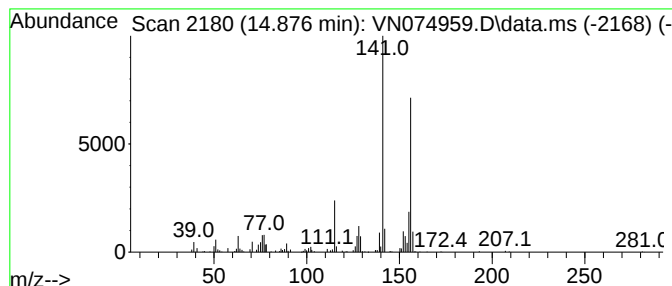
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,8-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.876	15.47 ug/l	1402010	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

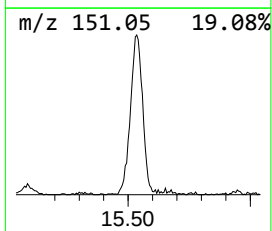
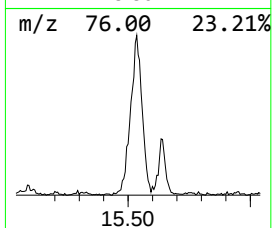
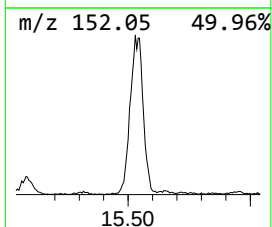
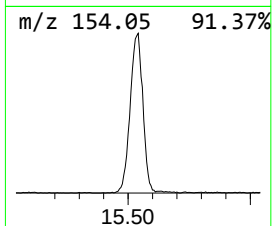
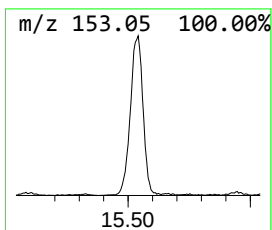
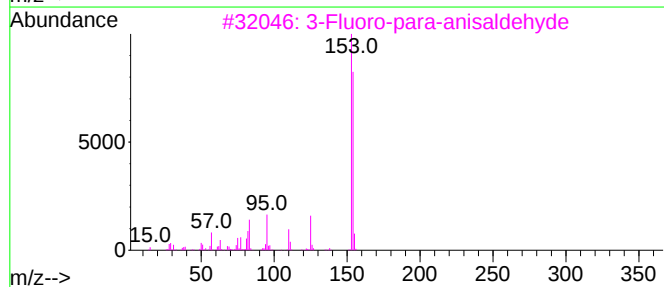
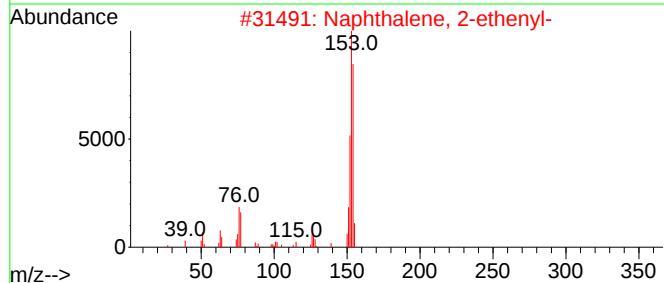
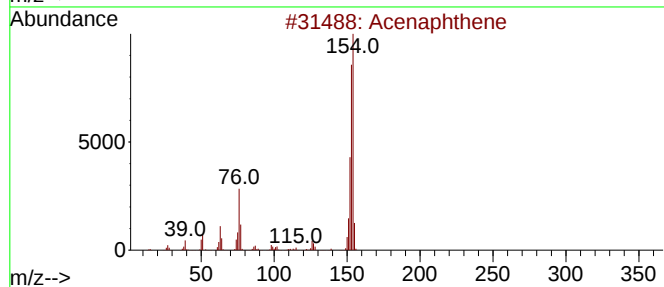
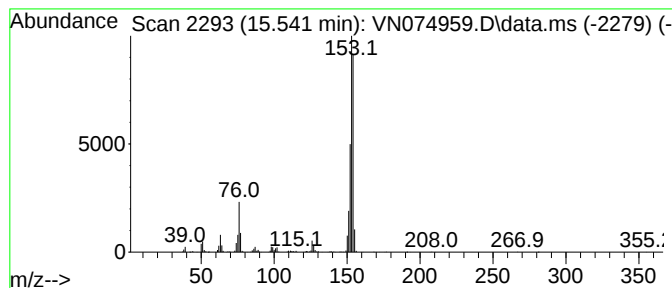
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 9 3-Fluoro-para-anisaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.541	43.50 ug/l	3943170	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	81
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
3			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42
5			Biphenyl	154	C12H10	000092-52-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

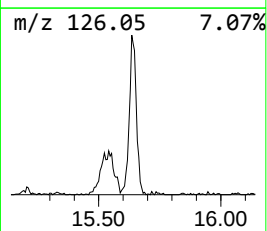
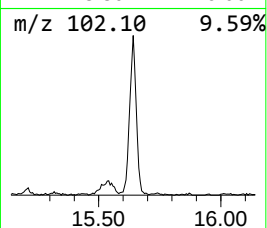
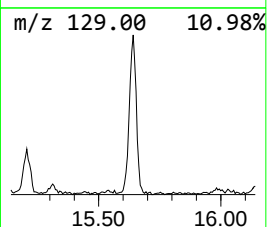
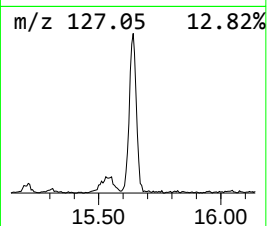
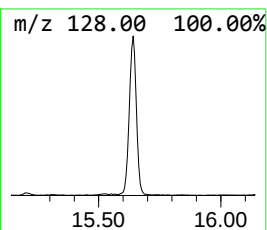
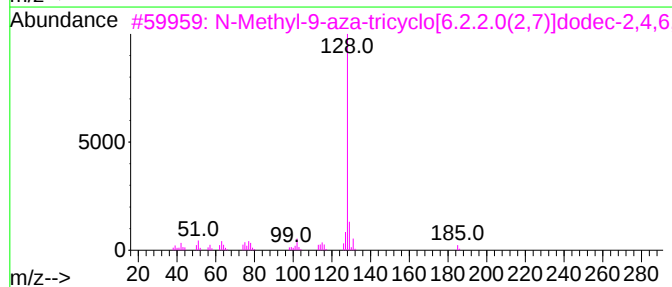
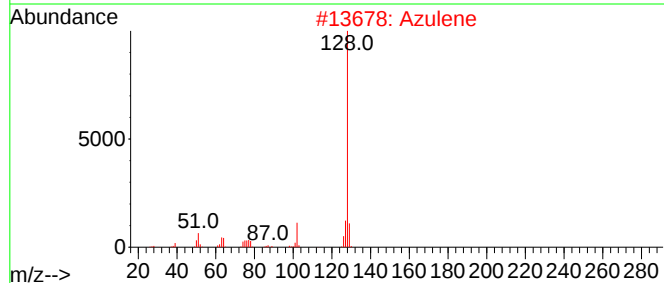
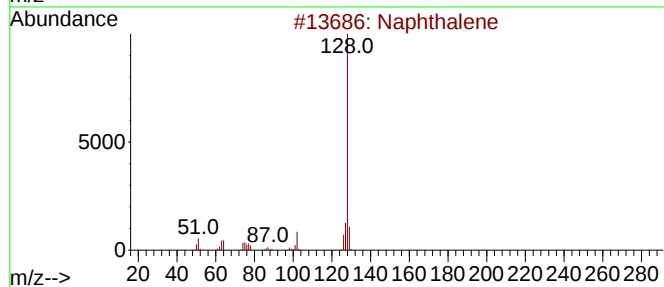
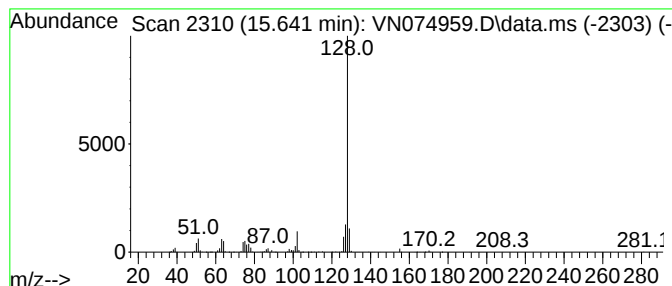
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 1-methylene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.641	32.82 ug/l	2974500	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			N-Methyl-9-aza-tricyclo[6.2.2.0(...	185	C12H11NO	013131-19-6	56
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	52
5			1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.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	12.659	33.7	ug/l	2746790	3	11.865	4080340	50.0
Naphthalene, 2-...	13.353	24.5	ug/l	2217520	4	13.794	4532030	50.0
Naphthalene, 2,...	13.676	17.7	ug/l	1604770	4	13.794	4532030	50.0
Naphthalene, 1,...	14.029	73.5	ug/l	6658470	4	13.794	4532030	50.0
Naphthalene, 2,...	14.141	17.1	ug/l	1548300	4	13.794	4532030	50.0
Naphthalene, 1,...	14.506	12.2	ug/l	1106750	4	13.794	4532030	50.0
Naphthalene, 1,...	14.582	16.9	ug/l	1531230	4	13.794	4532030	50.0
Naphthalene, 1,...	14.876	15.5	ug/l	1402010	4	13.794	4532030	50.0
3-Fluoro-para-a...	15.541	43.5	ug/l	3943170	4	13.794	4532030	50.0
1H-Indene, 1-me...	15.641	32.8	ug/l	2974500	4	13.794	4532030	50.0