

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085202.D
 Acq On : 13 Dec 2024 17:27
 Operator : JC\MD
 Sample : P5270-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW16D-20241212

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\82N112224W.M
 Title : SW846 8260

Signal : TIC: VN085202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	49	58	76	rBV2	50021	223823	21.60%	2.075%
2	7.965	1012	1022	1032	rVB	73271	175847	16.97%	1.630%
3	8.165	1046	1056	1060	rBV	134661	313402	30.24%	2.905%
4	8.224	1060	1066	1078	rVB	254251	562087	54.24%	5.211%
5	8.577	1117	1126	1135	rBV	139518	311131	30.02%	2.884%
6	9.100	1206	1215	1225	rBV	338987	701922	67.73%	6.507%
7	10.565	1454	1464	1473	rBV	499790	945224	91.21%	8.762%
8	11.100	1550	1555	1563	rVB3	7760	13282	1.28%	0.123%
9	11.865	1677	1685	1692	rBV	455029	818490	78.98%	7.587%
10	12.847	1844	1852	1863	rVB	393054	676014	65.23%	6.267%
11	13.323	1912	1933	1954	rVV3	107611	682714	65.88%	6.329%
12	13.476	1954	1959	1966	rVB	22773	42619	4.11%	0.395%
13	13.676	1971	1993	2006	rBV6	105858	599002	57.80%	5.553%
14	13.788	2006	2012	2022	rVB	439547	743604	71.75%	6.893%
15	14.012	2031	2050	2060	rBV3	277914	1036314	100.00%	9.607%
16	14.123	2060	2069	2080	rVB4	75610	293767	28.35%	2.723%
17	14.329	2099	2104	2107	rVB2	10759	17169	1.66%	0.159%
18	14.482	2115	2130	2135	rBV7	46720	184450	17.80%	1.710%
19	14.553	2135	2142	2153	rVV3	84566	290604	28.04%	2.694%
20	14.647	2153	2158	2162	rVV7	9539	21278	2.05%	0.197%
21	14.688	2162	2165	2170	rVB4	7153	12943	1.25%	0.120%
22	14.847	2177	2192	2202	rBV2	61367	209414	20.21%	1.941%
23	14.923	2202	2205	2210	rVB3	13679	21784	2.10%	0.202%
24	15.035	2217	2224	2226	rBV3	17674	33331	3.22%	0.309%
25	15.206	2244	2253	2260	rBV2	30678	62861	6.07%	0.583%
26	15.311	2262	2271	2279	rVB8	16492	48571	4.69%	0.450%
27	15.511	2292	2305	2318	rVV2	181565	728993	70.34%	6.758%
28	15.635	2318	2326	2335	rVB	336048	695237	67.09%	6.445%
29	15.759	2345	2347	2353	rVB2	10312	16675	1.61%	0.155%
30	15.829	2353	2359	2366	rVB9	5330	14682	1.42%	0.136%
31	16.270	2429	2434	2439	rVB6	7394	17268	1.67%	0.160%
32	16.570	2475	2485	2497	rBV9	7723	29535	2.85%	0.274%
33	16.776	2512	2520	2522	rBV	129466	243349	23.48%	2.256%

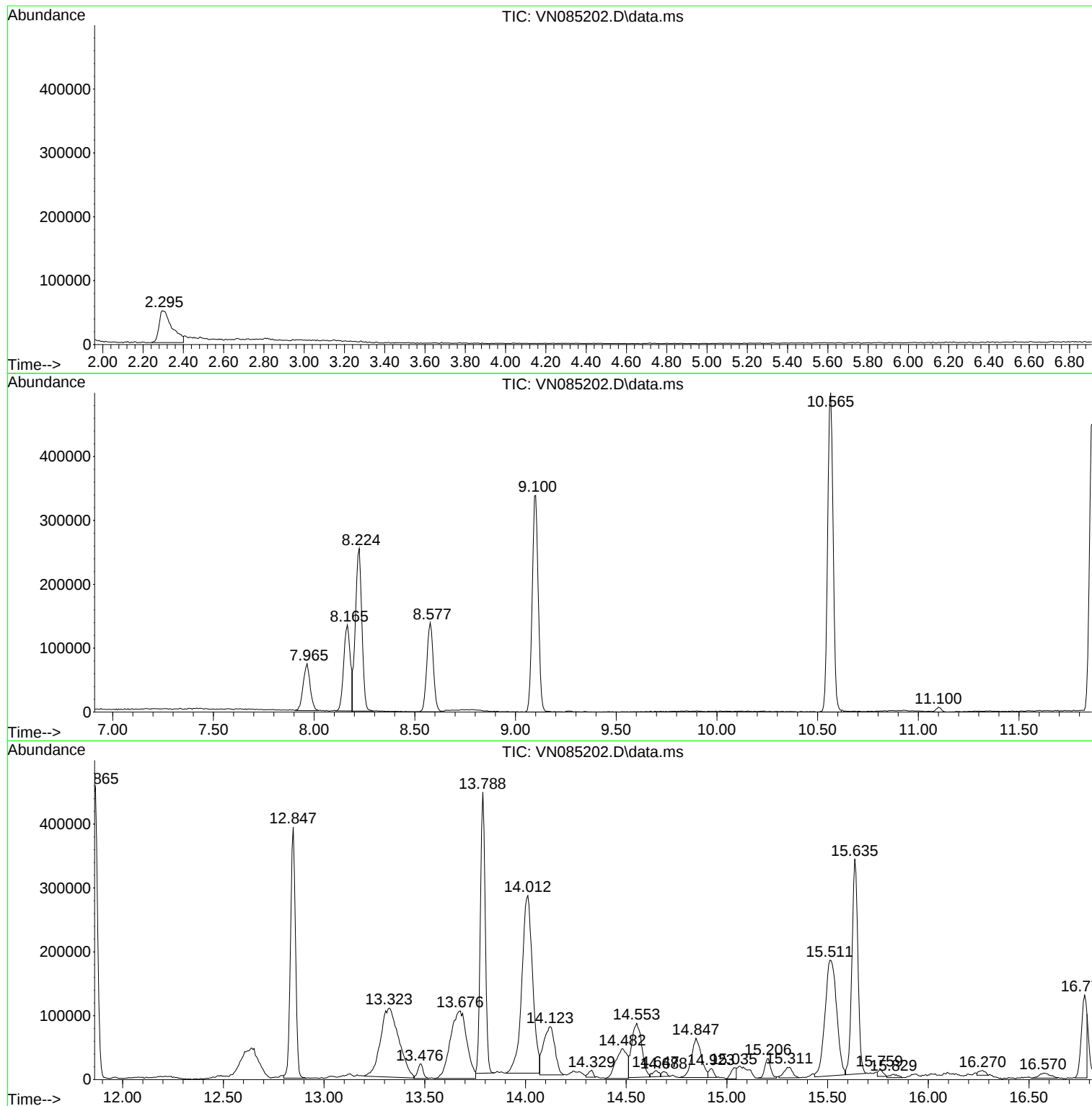
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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



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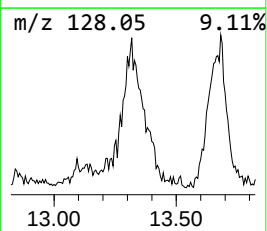
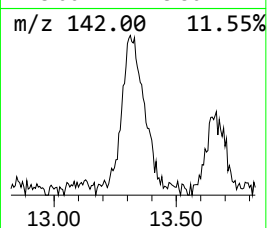
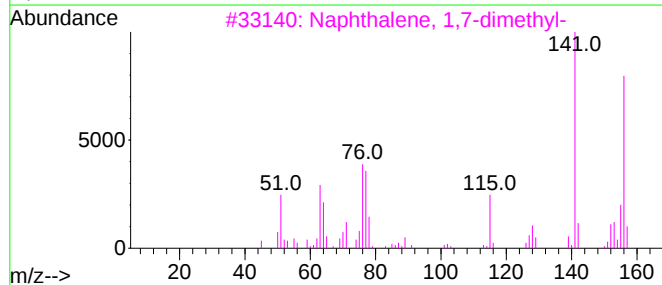
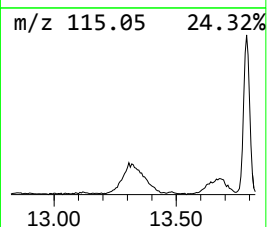
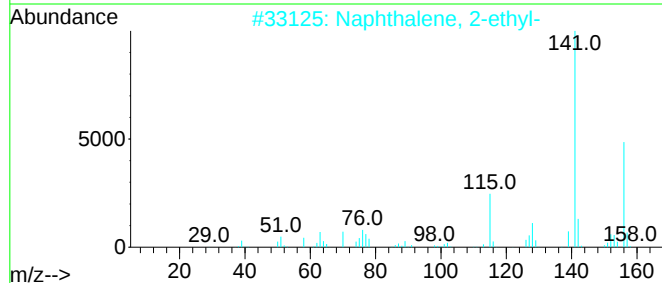
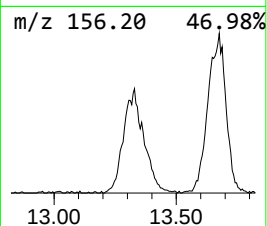
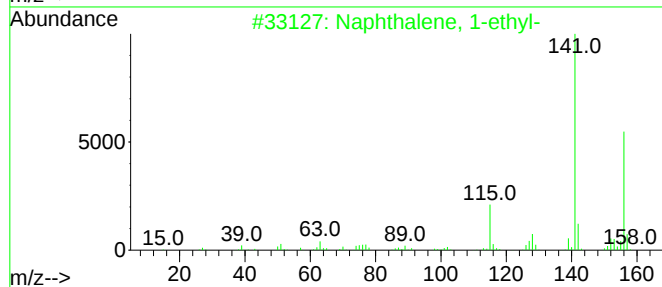
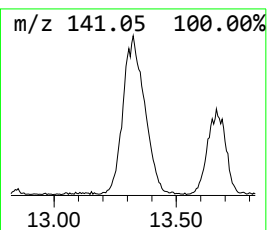
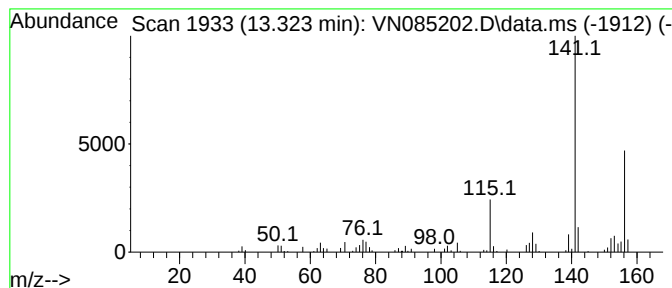
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	45.91 ug/l	682714	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

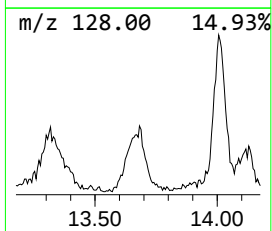
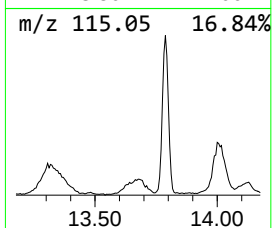
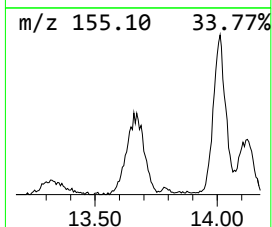
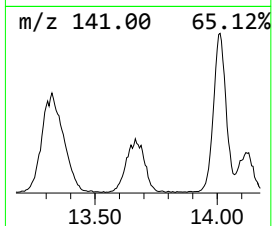
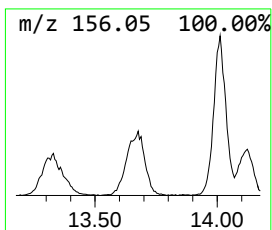
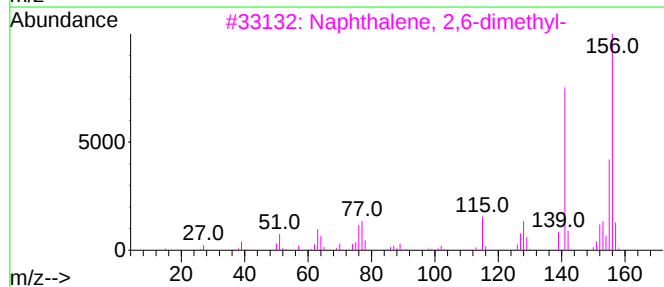
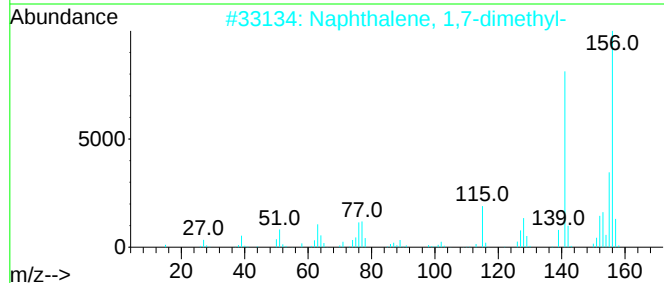
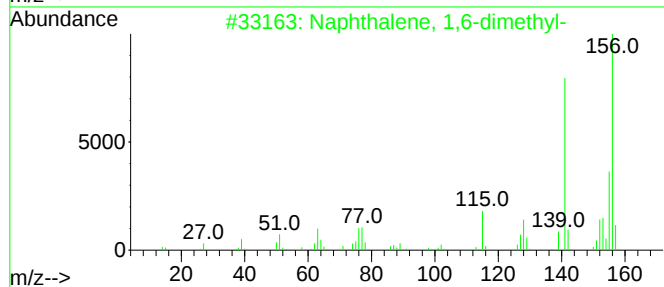
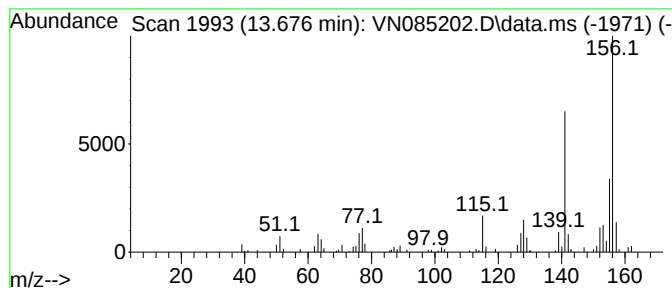
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	40.28 ug/l	599002	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	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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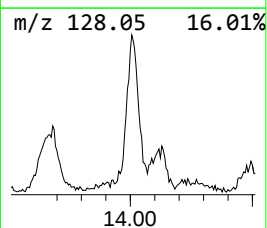
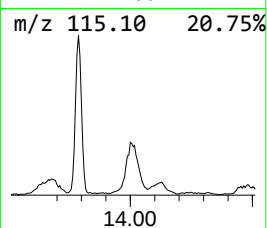
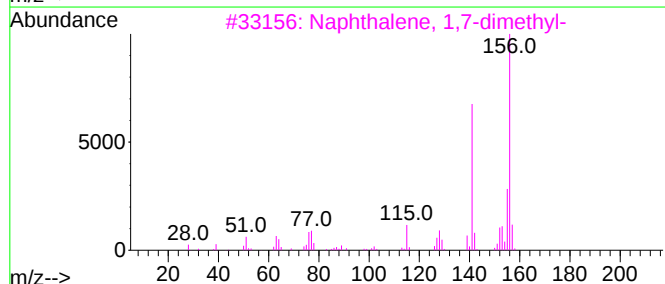
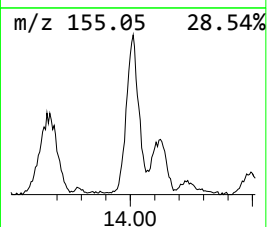
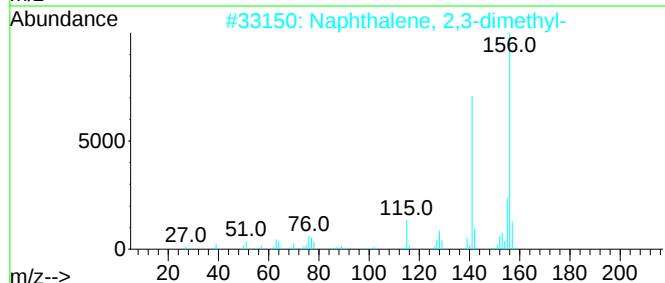
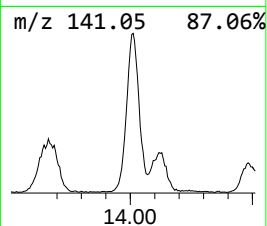
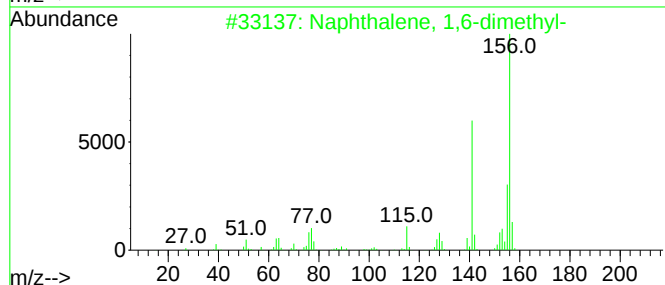
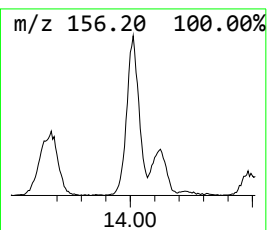
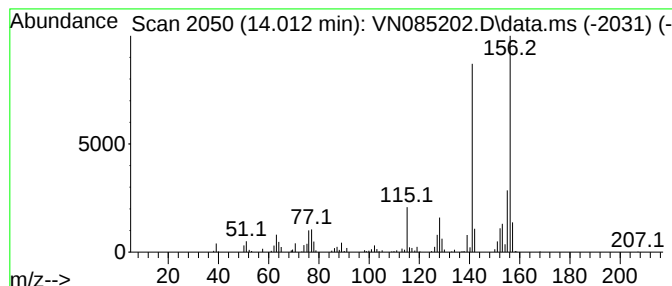
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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.
14.012	69.68 ug/l	1036310	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	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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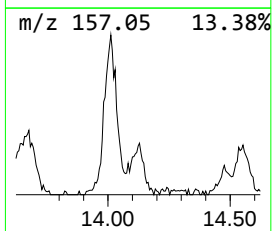
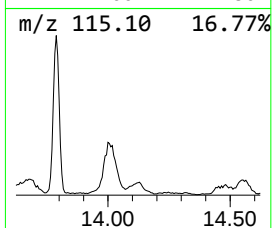
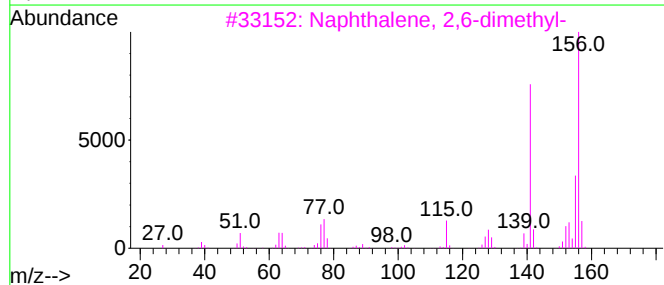
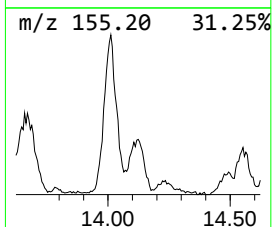
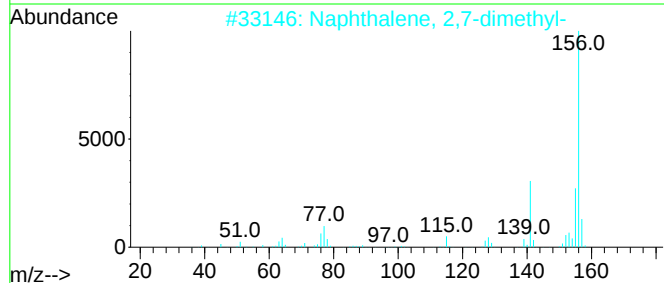
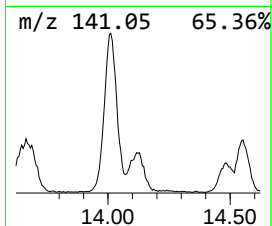
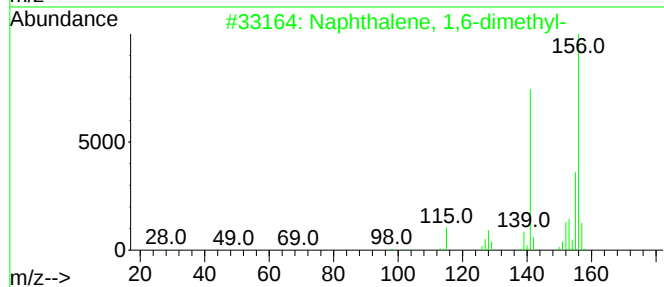
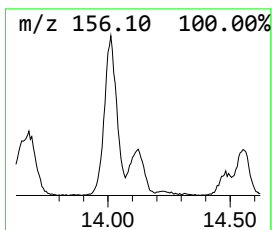
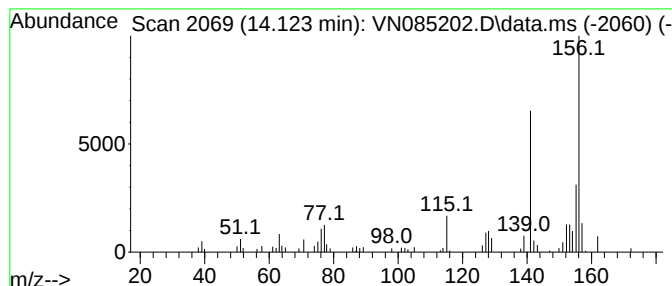
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	19.75 ug/l	293767	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	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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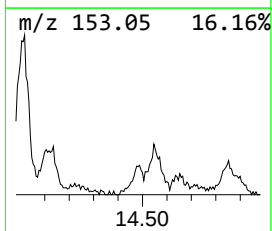
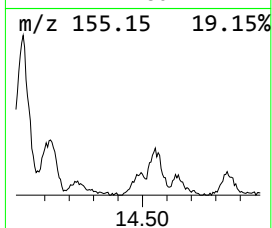
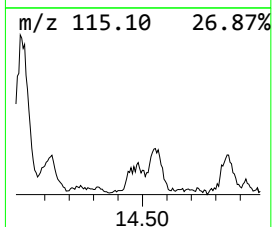
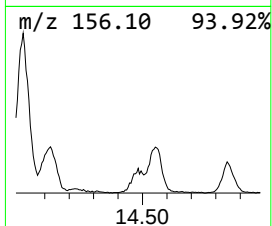
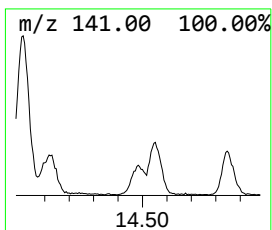
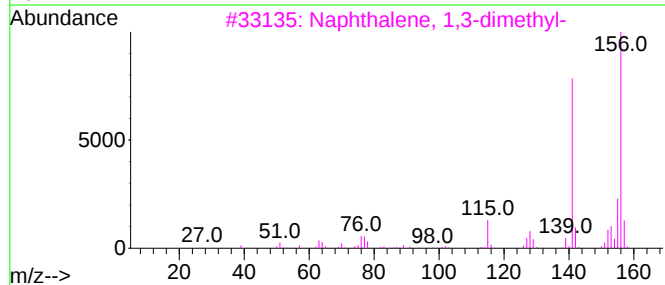
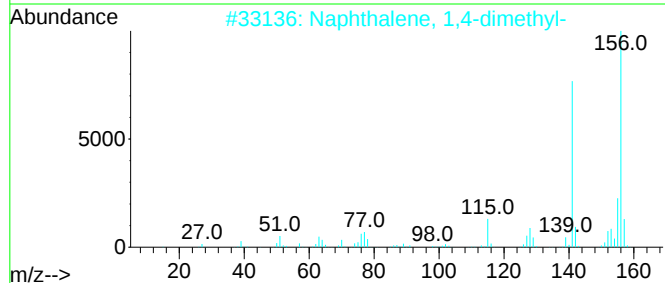
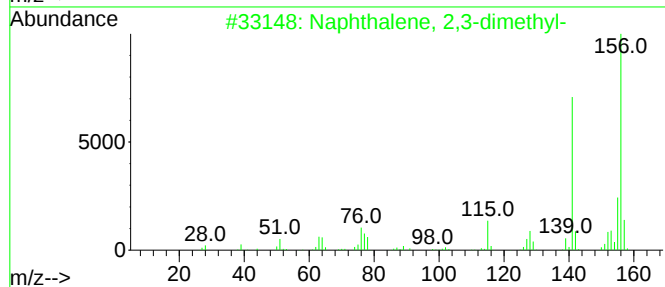
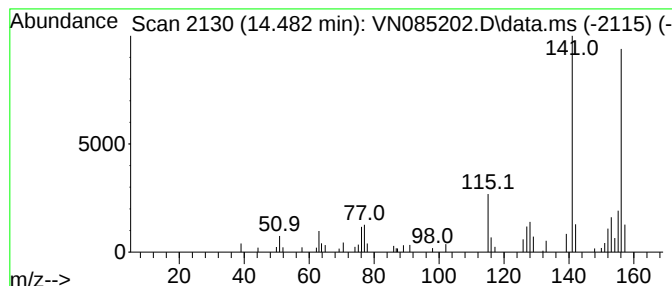
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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.
14.482	12.40 ug/l	184450	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	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



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MW16D-20241212

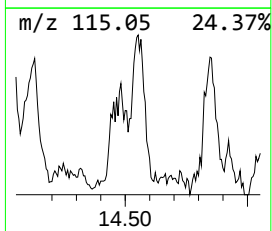
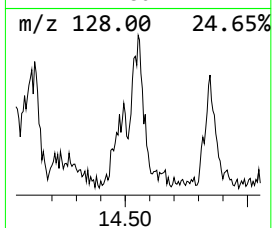
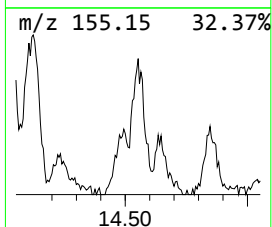
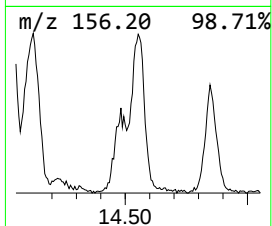
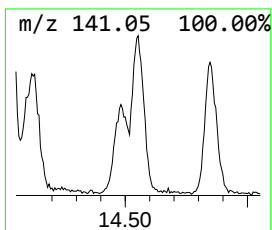
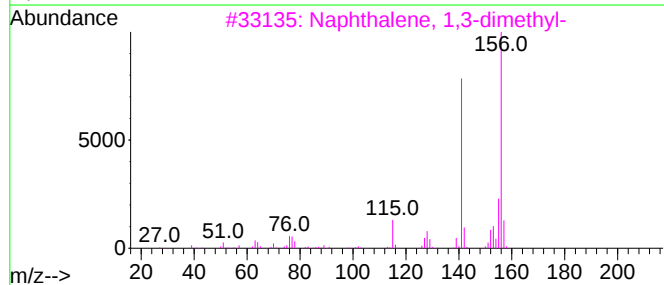
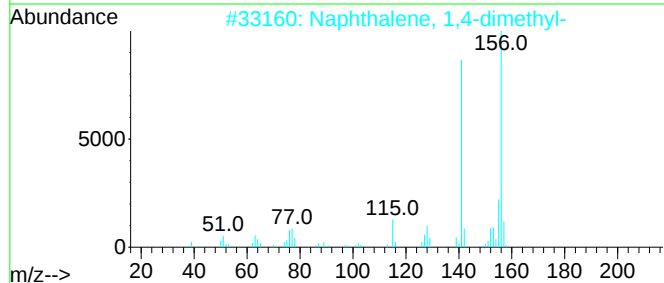
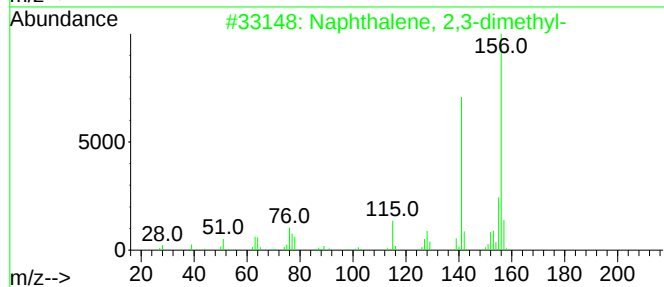
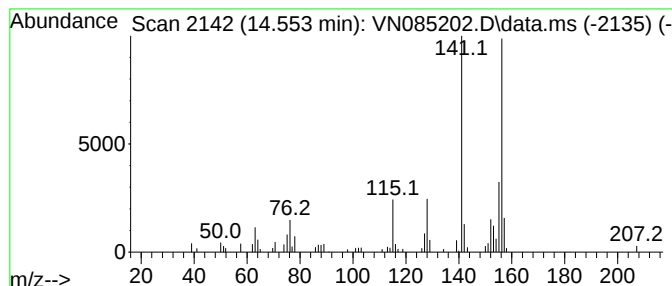
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.553	19.54 ug/l	290604	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	95
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085202.D
Acq On : 13 Dec 2024 17:27
Operator : JC\MD
Sample : P5270-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

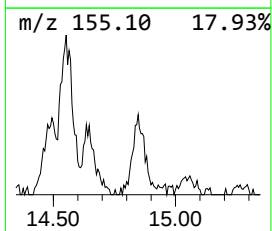
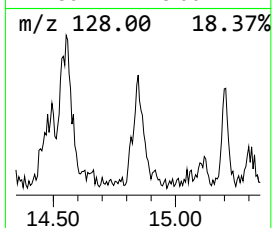
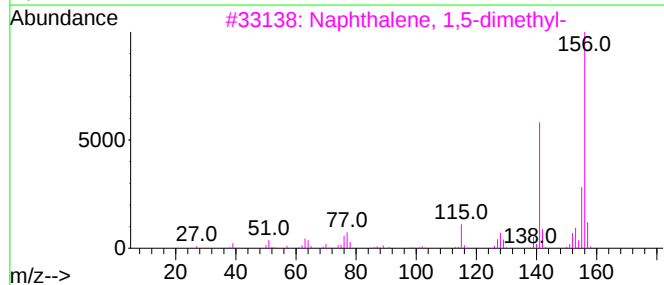
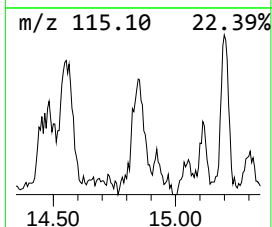
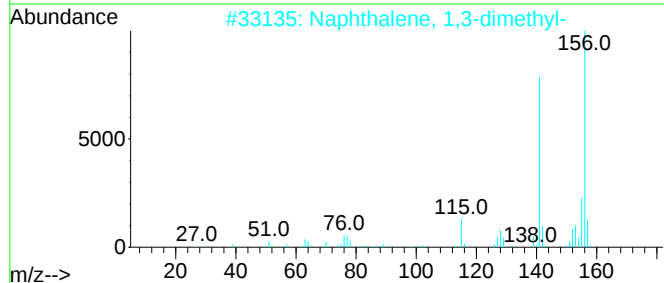
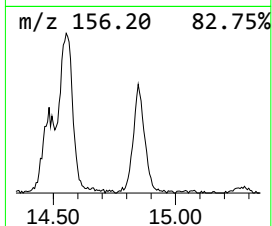
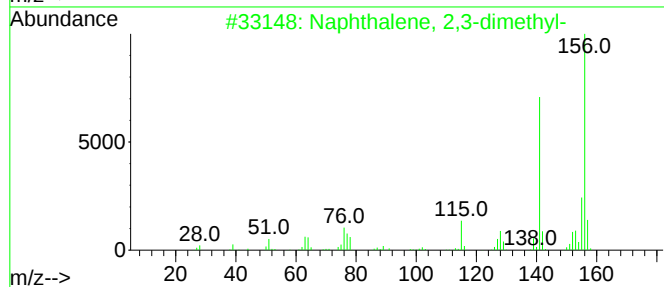
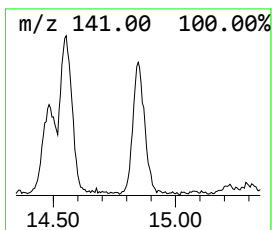
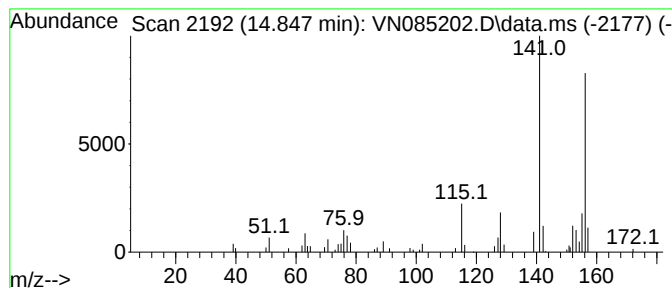
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	14.08 ug/l	209414	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	94
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085202.D
Acq On : 13 Dec 2024 17:27
Operator : JC\MD
Sample : P5270-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

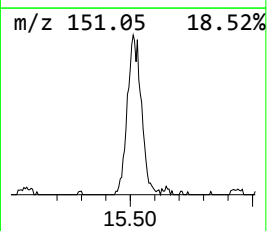
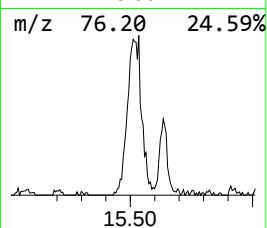
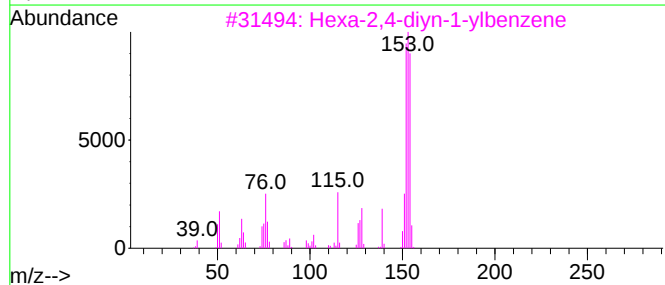
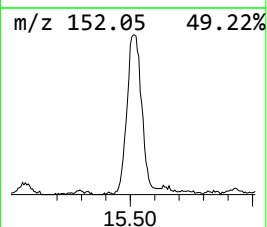
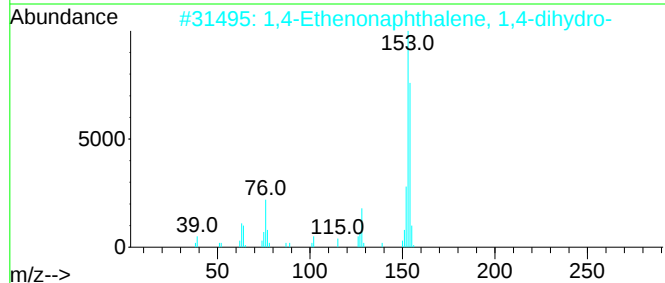
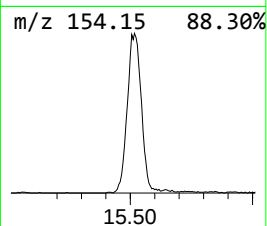
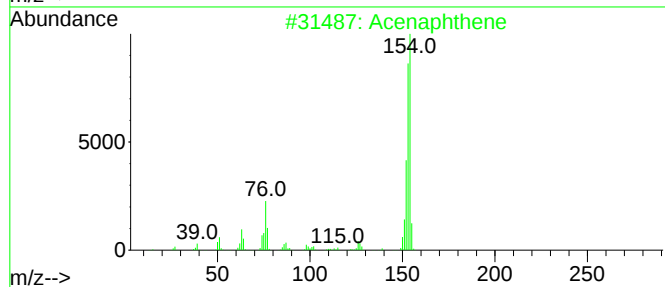
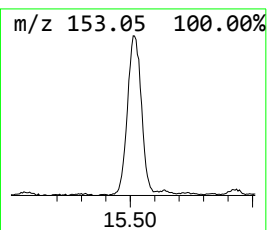
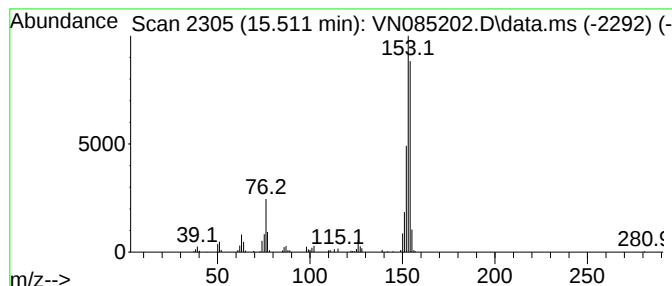
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Quant Title : SW846 8260

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

Peak Number 9 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.512	49.02 ug/l	728993	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	95
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
3			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	58
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
5			Naphthalene, 1,4-bis(bromomethyl)-	312	C12H10Br2	058791-49-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085202.D
Acq On : 13 Dec 2024 17:27
Operator : JC\MD
Sample : P5270-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

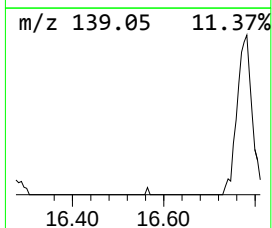
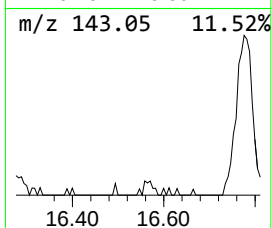
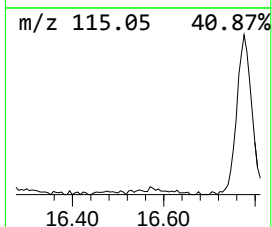
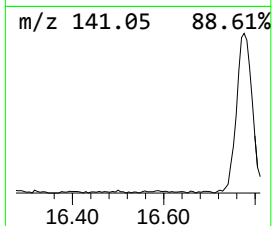
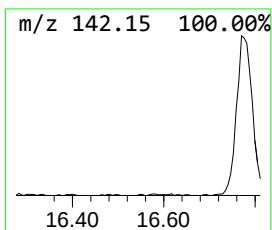
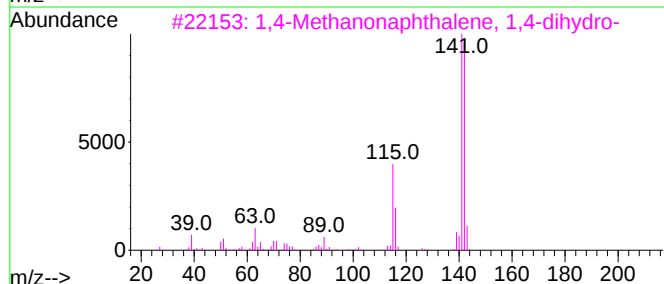
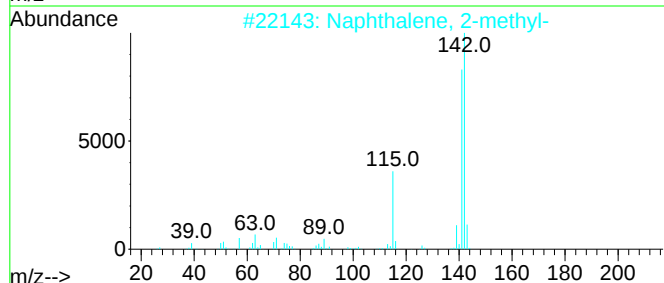
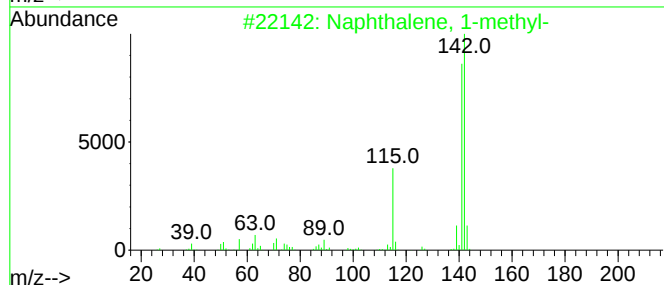
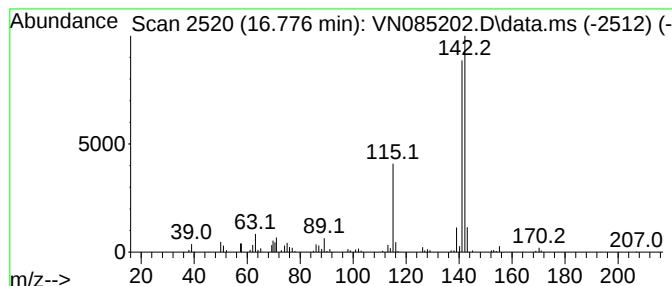
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.776	16.36 ug/l	243349	1,4-Dichlorobenzene-d4	13.788

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085202.D
Acq On : 13 Dec 2024 17:27
Operator : JC\MD
Sample : P5270-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW16D-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.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
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Naphthalene, 1-...	13.323	45.9	ug/l	682714	4	13.788	743604	50.0
Naphthalene, 1,...	13.676	40.3	ug/l	599002	4	13.788	743604	50.0
Naphthalene, 2,...	14.012	69.7	ug/l	1036310	4	13.788	743604	50.0
Naphthalene, 2,...	14.123	19.8	ug/l	293767	4	13.788	743604	50.0
Naphthalene, 1,...	14.482	12.4	ug/l	184450	4	13.788	743604	50.0
Naphthalene, 1,...	14.553	19.5	ug/l	290604	4	13.788	743604	50.0
Naphthalene, 1,...	14.847	14.1	ug/l	209414	4	13.788	743604	50.0
Acenaphthene	15.512	49.0	ug/l	728993	4	13.788	743604	50.0
Naphthalene, 1-...	16.776	16.4	ug/l	243349	4	13.788	743604	50.0