

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085226.D
 Acq On : 17 Dec 2024 15:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 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\82N112224W.M
 Title : SW846 8260

Signal : TIC: VN085226.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	49	57	79	rBV2	39029	136753	14.74%	1.511%
2	2.812	138	146	147	rBV8	6630	12578	1.36%	0.139%
3	2.918	156	164	165	rVV6	6486	17930	1.93%	0.198%
4	8.159	1046	1055	1060	rBV	107581	259844	28.02%	2.871%
5	8.218	1060	1065	1076	rVB2	197233	429671	46.33%	4.747%
6	8.571	1116	1125	1138	rBV	113533	256035	27.60%	2.829%
7	9.094	1205	1214	1225	rBV	269731	552051	59.52%	6.099%
8	10.565	1456	1464	1472	rBV	412935	745382	80.36%	8.235%
9	11.865	1677	1685	1696	rVB	377430	666621	71.87%	7.365%
10	12.065	1713	1719	1726	rBV4	5416	9338	1.01%	0.103%
11	12.624	1797	1814	1831	rVB4	34698	206524	22.27%	2.282%
12	12.847	1845	1852	1861	rVB	292021	512403	55.25%	5.661%
13	13.318	1912	1932	1955	rVV	108106	642526	69.27%	7.099%
14	13.476	1955	1959	1967	rVB	17071	30666	3.31%	0.339%
15	13.671	1973	1992	2006	rBV4	94298	499774	53.88%	5.521%
16	13.788	2006	2012	2021	rBV	373097	629952	67.92%	6.960%
17	14.006	2030	2049	2060	rBV2	249175	927504	100.00%	10.247%
18	14.118	2060	2068	2082	rVB3	74022	269337	29.04%	2.976%
19	14.329	2100	2104	2109	rVB4	10301	16290	1.76%	0.180%
20	14.476	2117	2129	2134	rBV4	41859	142927	15.41%	1.579%
21	14.547	2134	2141	2153	rVV2	73022	256599	27.67%	2.835%
22	14.647	2153	2158	2162	rVV5	9699	20612	2.22%	0.228%
23	14.694	2162	2166	2170	rVV5	6783	12465	1.34%	0.138%
24	14.847	2178	2192	2202	rBV4	48103	176556	19.04%	1.951%
25	14.918	2202	2204	2210	rVB2	8972	15393	1.66%	0.170%
26	15.053	2219	2227	2228	rBV5	14434	32879	3.54%	0.363%
27	15.112	2235	2237	2244	rVB4	10456	16383	1.77%	0.181%
28	15.200	2244	2252	2261	rBV2	23949	51057	5.50%	0.564%
29	15.306	2261	2270	2278	rVB10	13396	38145	4.11%	0.421%
30	15.517	2287	2306	2318	rBV2	167526	656650	70.80%	7.255%
31	15.635	2318	2326	2337	rVB	278255	596626	64.33%	6.591%
32	16.229	2418	2427	2428	rBV8	3784	9581	1.03%	0.106%
33	16.270	2428	2434	2441	rVB9	6827	17498	1.89%	0.193%
34	16.782	2511	2521	2522	rBV2	103871	187010	20.16%	2.066%

Sum of corrected areas: 9051560

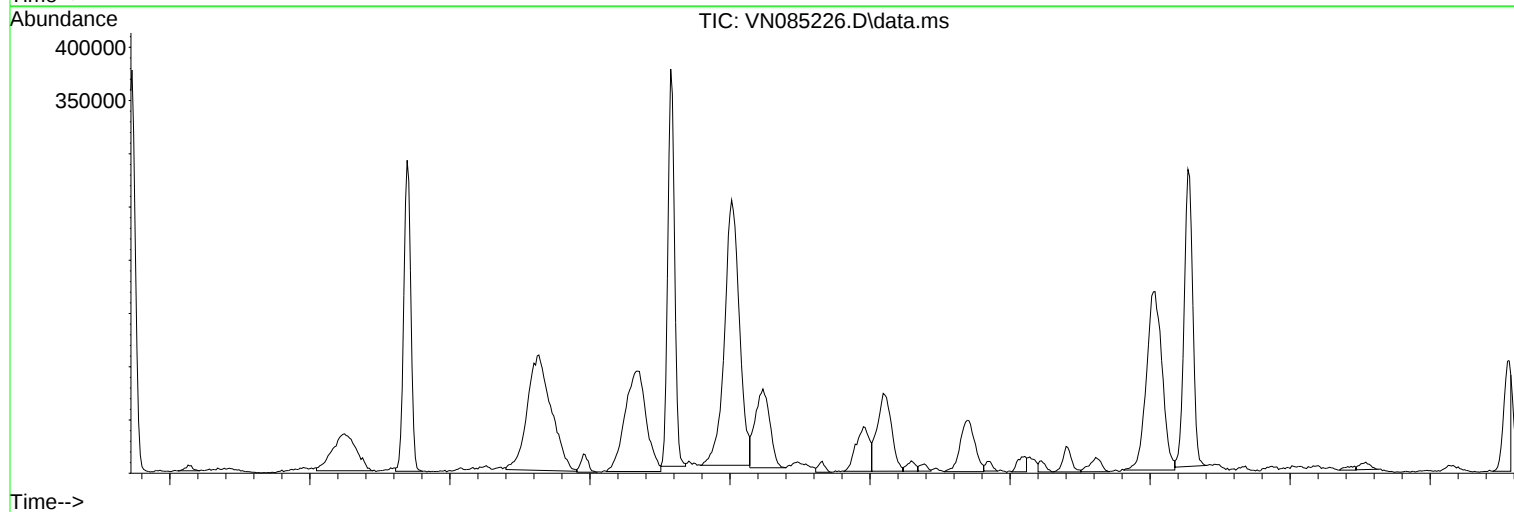
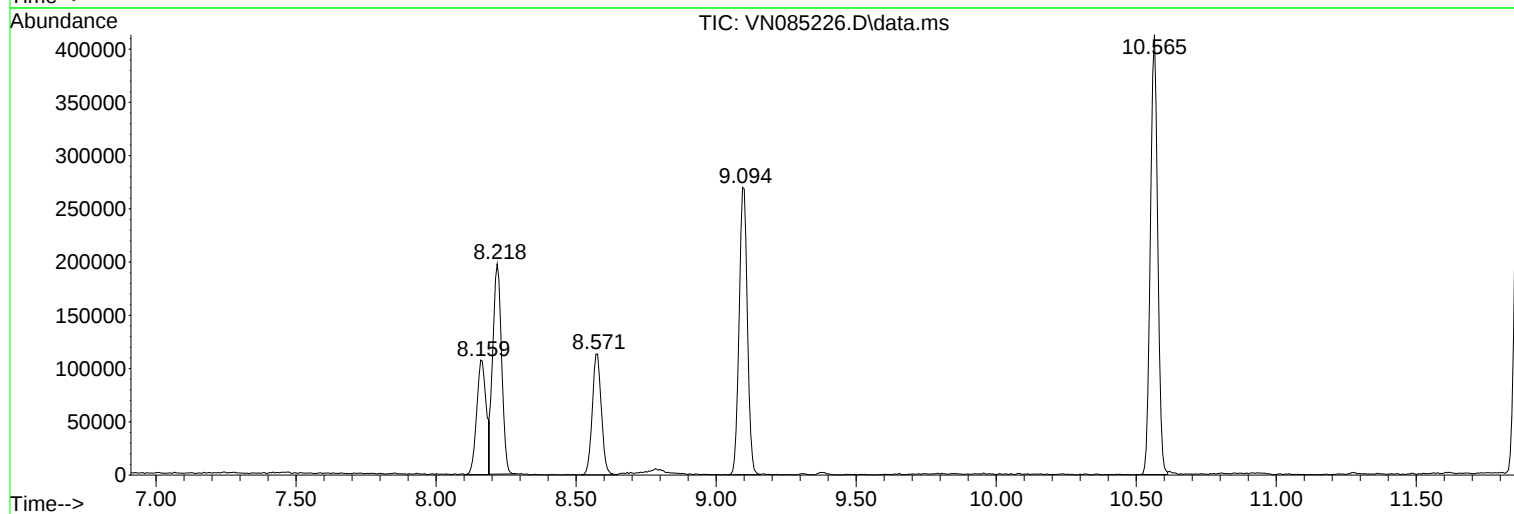
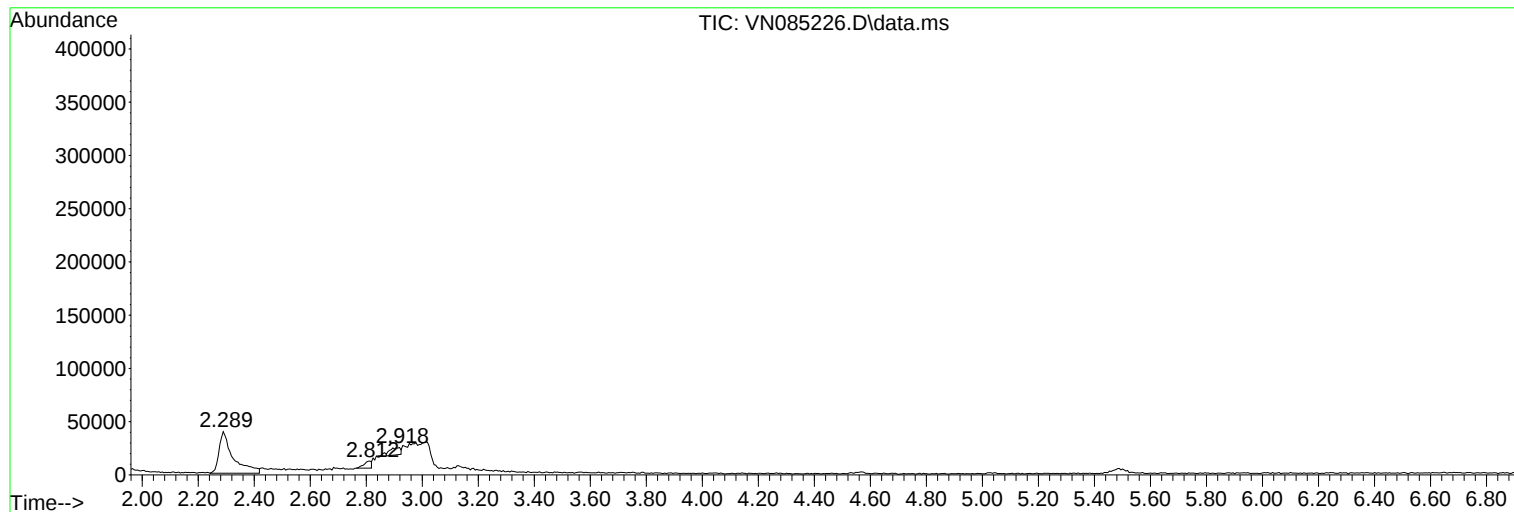
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MSVOA_N
ClientSampleId :
IBLK

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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



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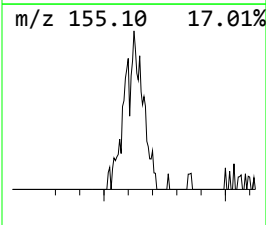
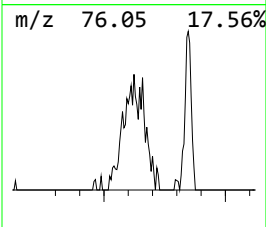
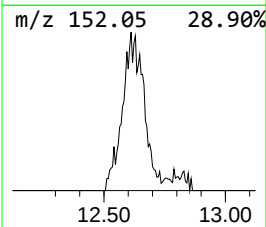
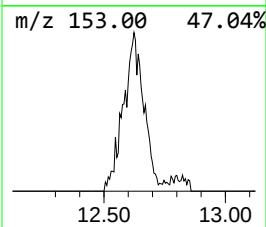
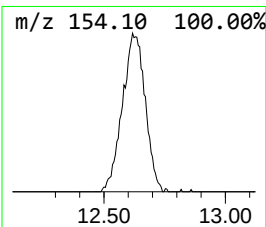
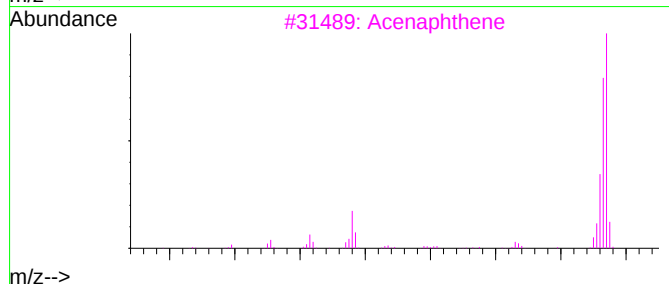
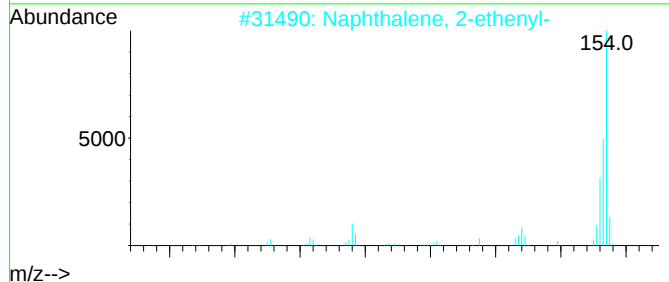
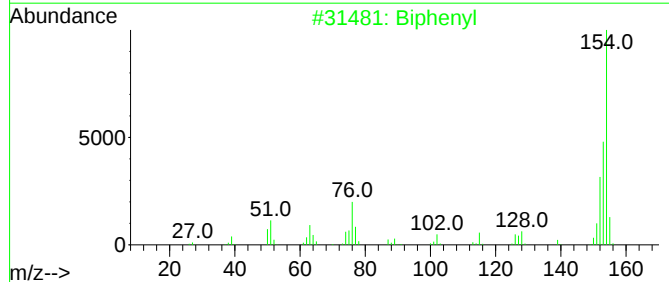
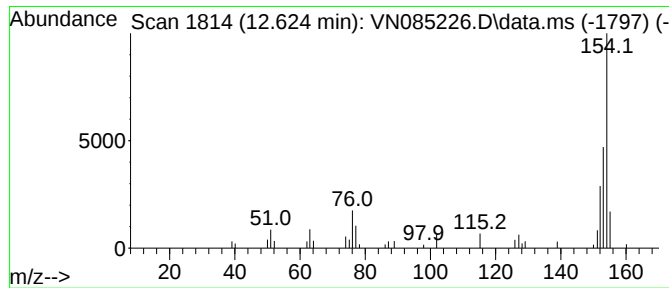
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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

Peak Number 2 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.624	15.49 ug/l	206524	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	91
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	80
3	Acenaphthene	154	C12H10	000083-32-9	47
4	Benzoic acid, 3,4-dihydroxy-	154	C7H6O4	000099-50-3	25
5	Propanedinitrile, (phenylmethyl-...)	154	C10H6N2	002700-22-3	9



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ALS Vial : 11 Sample Multiplier: 1

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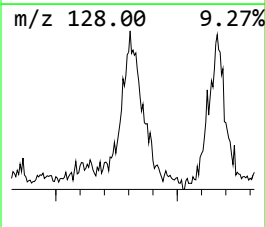
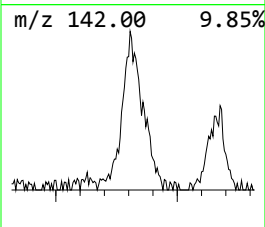
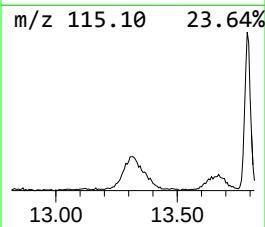
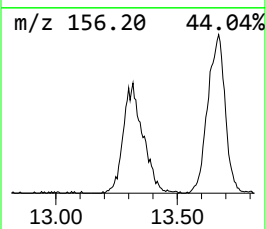
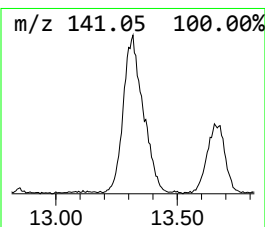
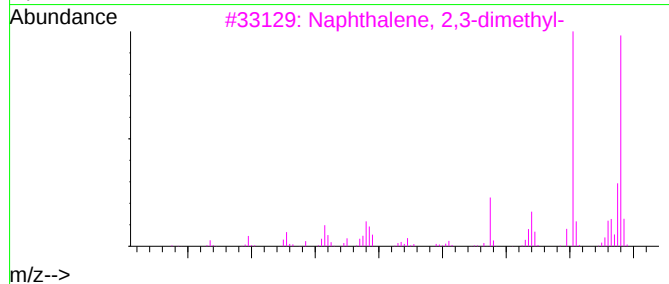
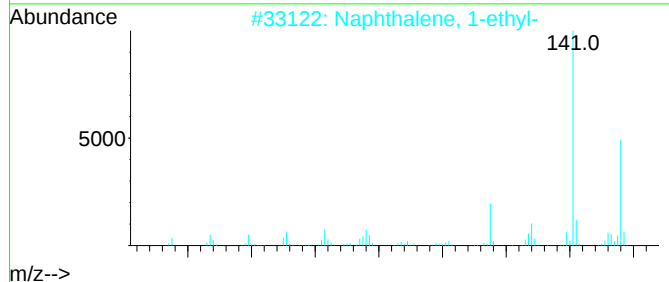
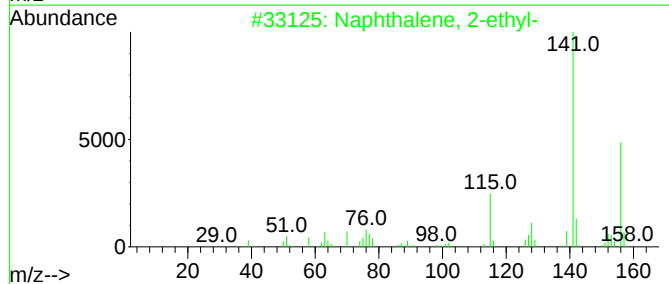
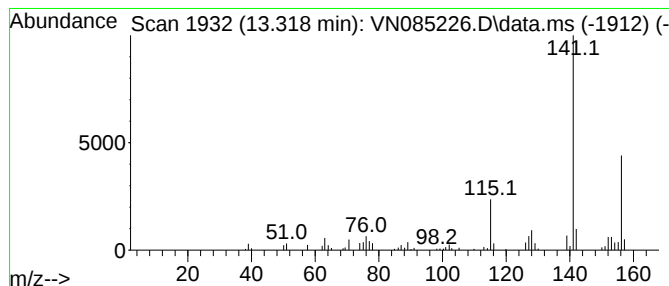
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.318	51.00 ug/l	642526	1,4-Dichlorobenzene-d4	13.788	
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	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



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IBLK

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

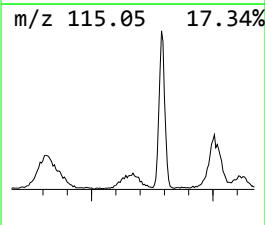
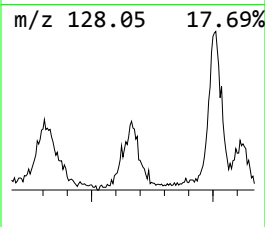
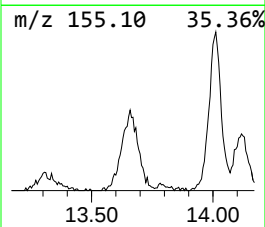
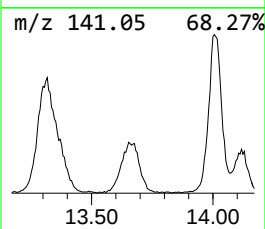
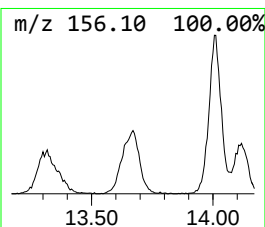
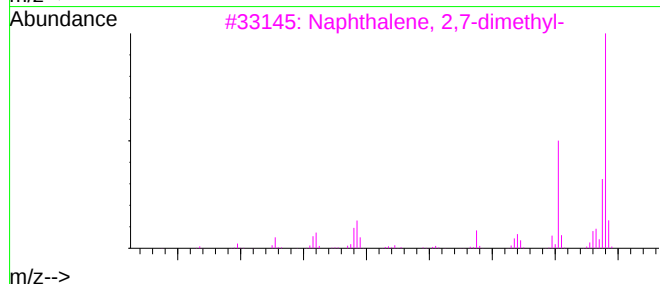
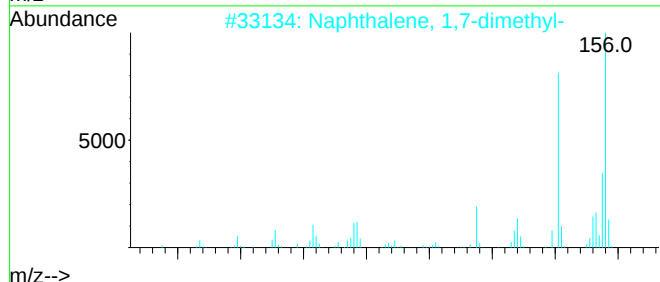
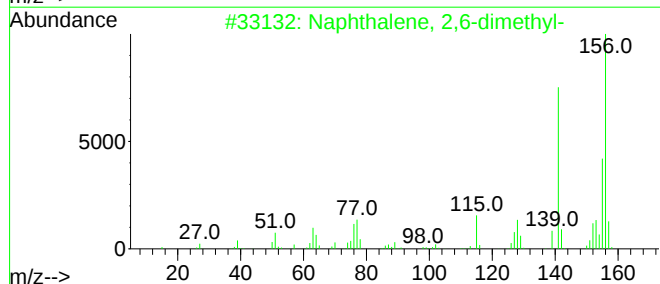
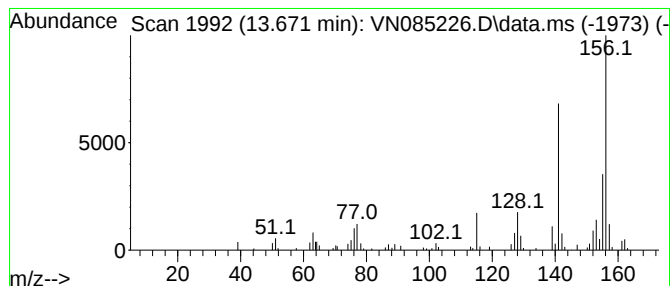
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.671	39.67 ug/l	499774	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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Instrument :
MSVOA_N
ClientSampleId :
IBLK

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

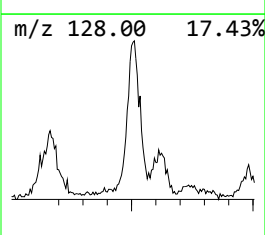
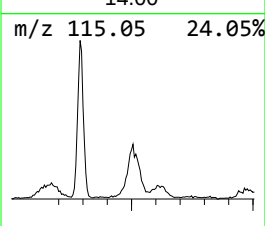
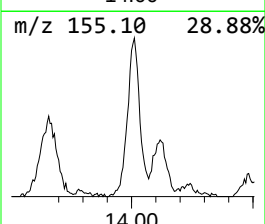
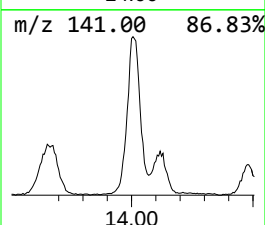
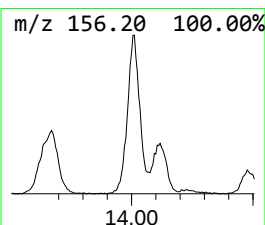
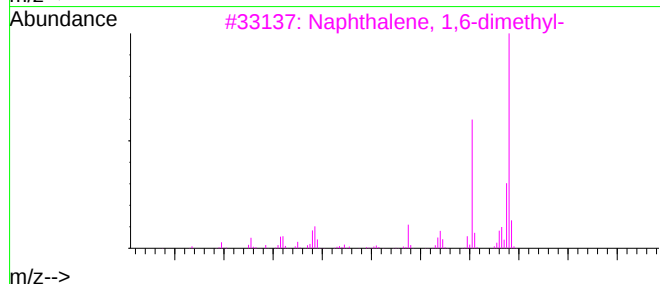
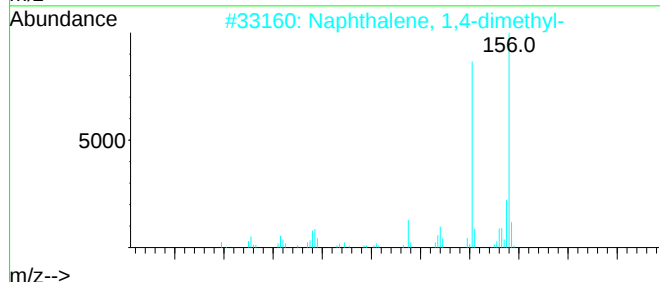
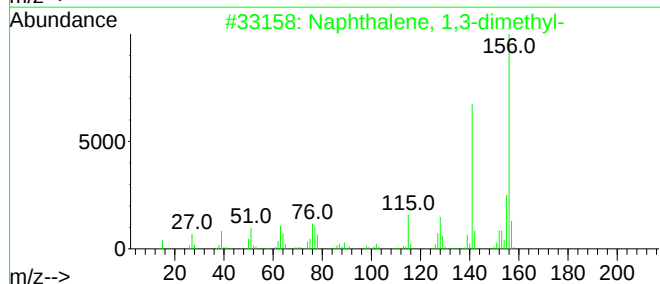
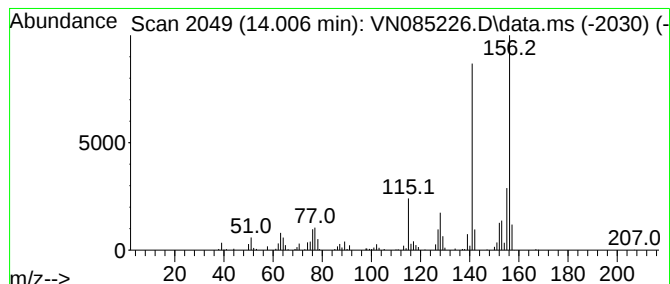
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.006	73.62 ug/l	927504	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	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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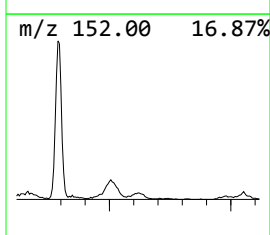
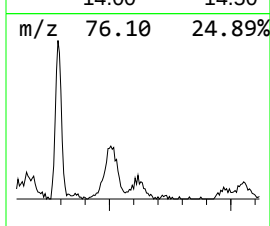
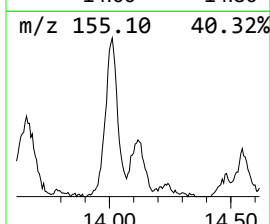
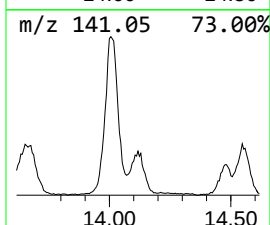
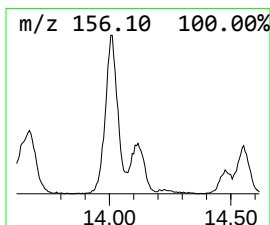
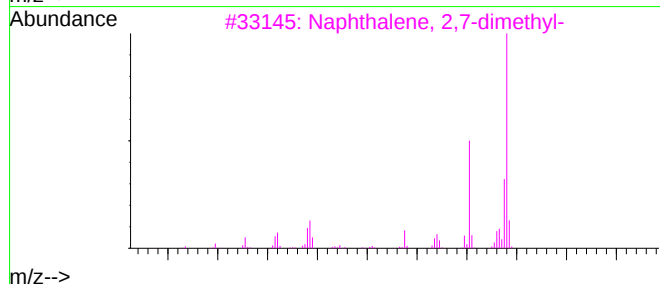
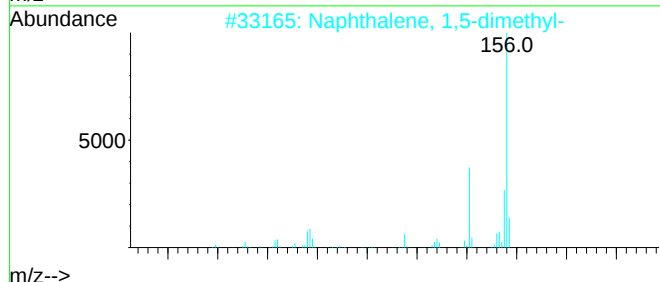
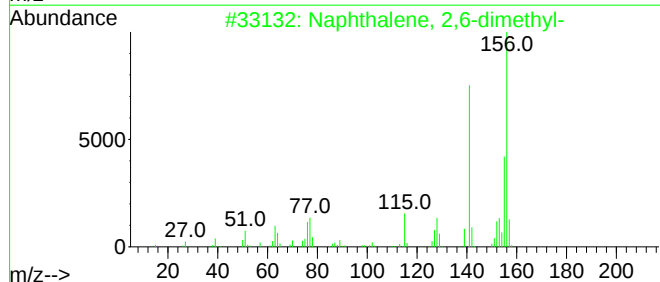
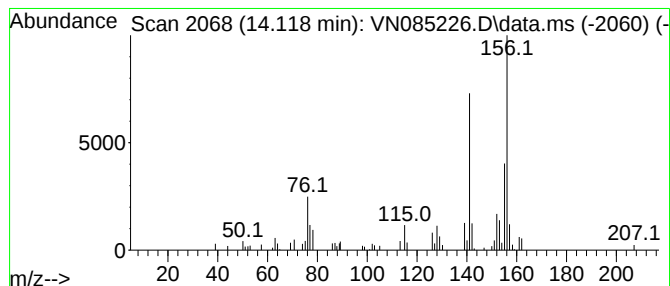
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.118	21.38 ug/l	269337	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90



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ClientSampleId :
IBLK

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

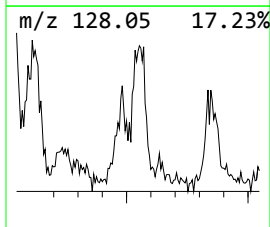
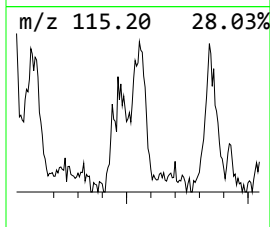
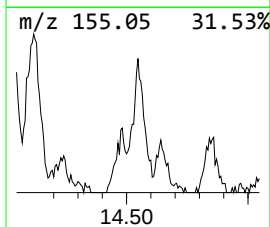
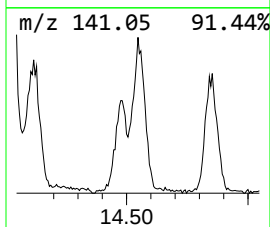
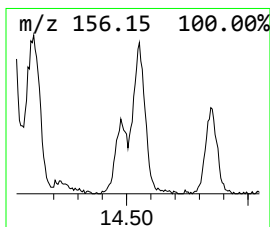
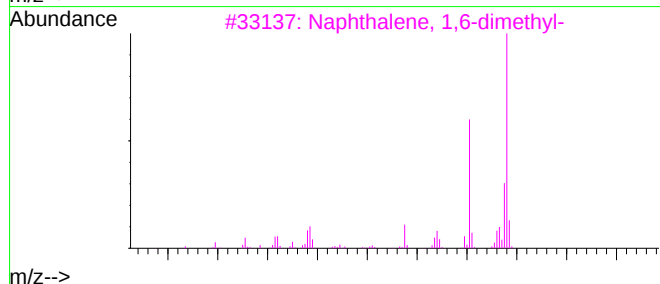
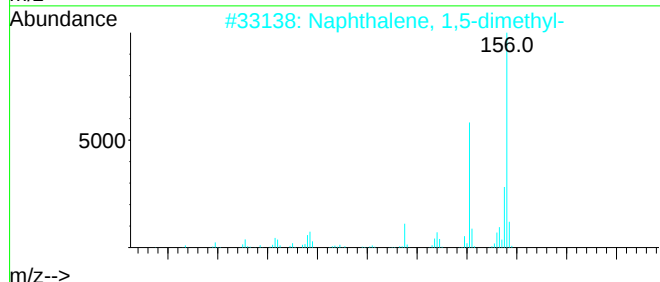
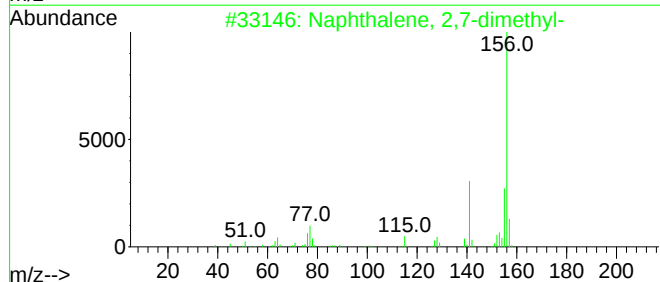
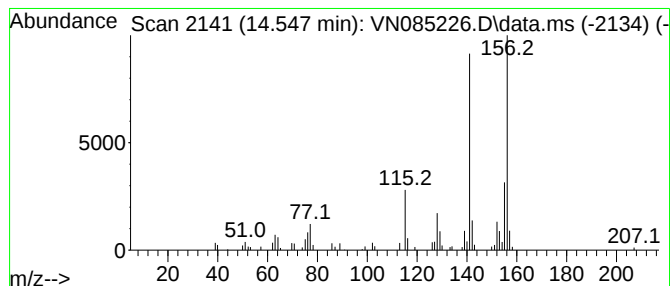
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.547	20.37 ug/l	256599	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085226.D
Acq On : 17 Dec 2024 15:56
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

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

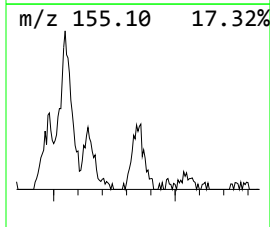
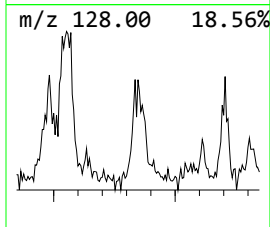
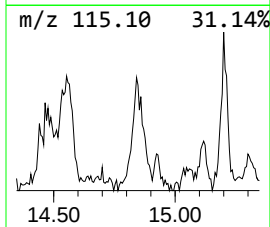
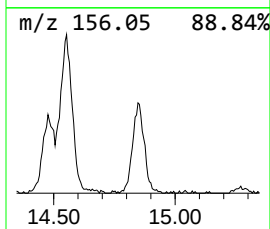
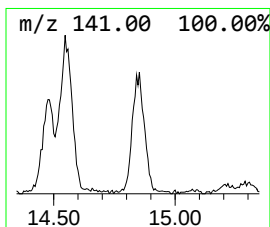
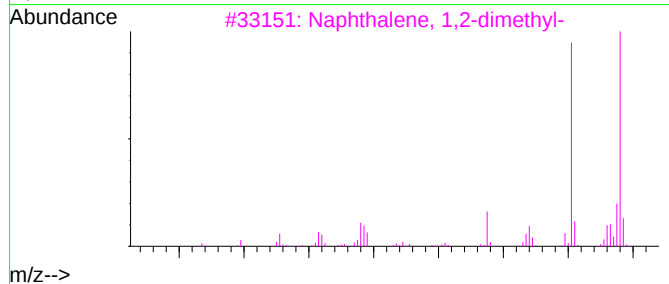
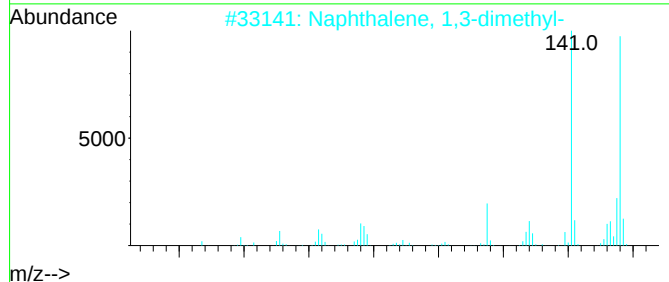
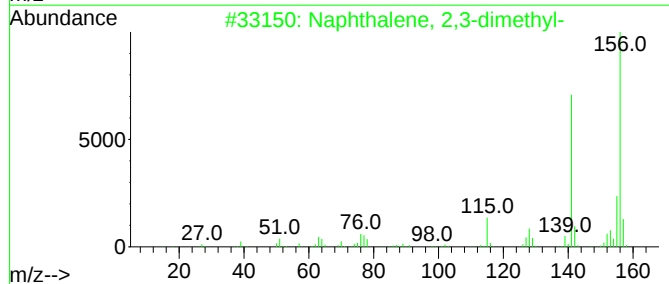
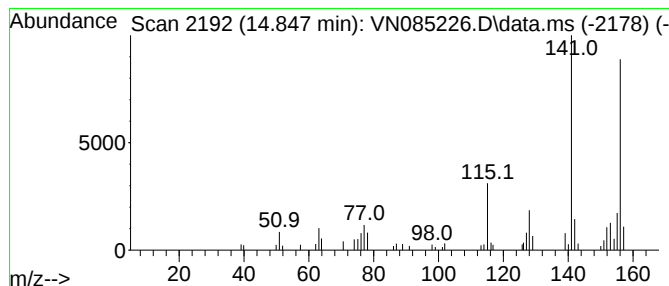
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	14.01 ug/l	176556	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085226.D
Acq On : 17 Dec 2024 15:56
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

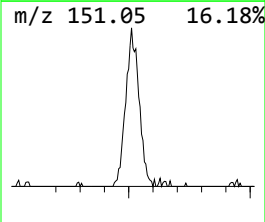
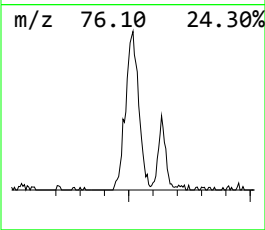
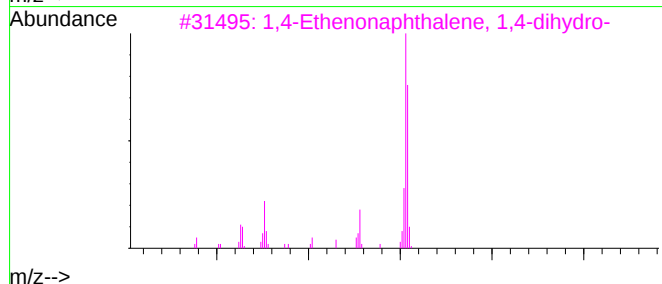
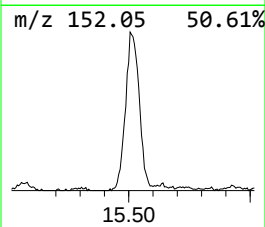
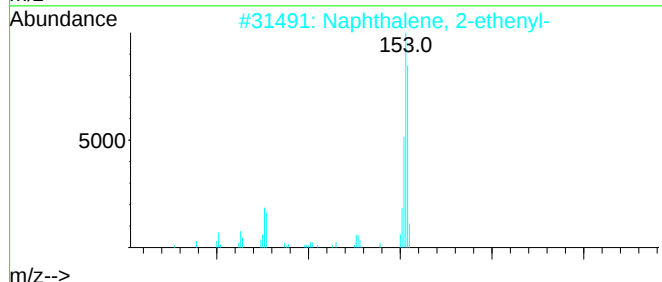
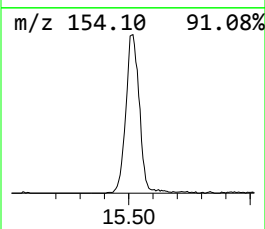
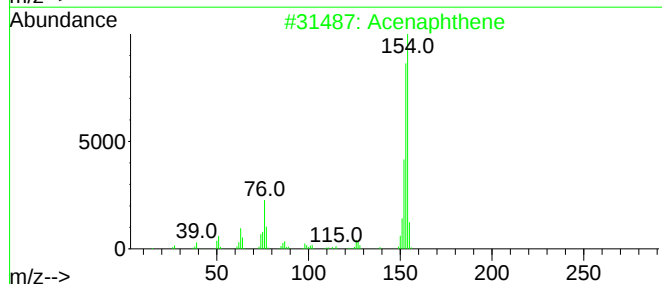
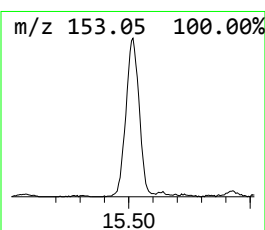
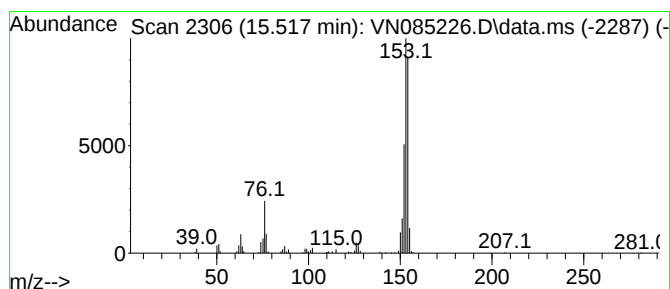
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Quant Title : SW846 8260

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.
15.518	52.12 ug/l	656650	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	90
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
5	Biphenyl	154	C12H10	000092-52-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085226.D
Acq On : 17 Dec 2024 15:56
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

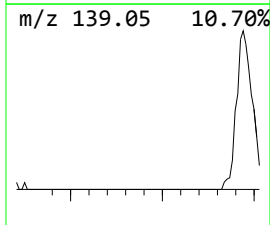
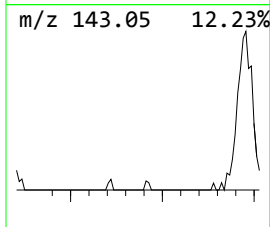
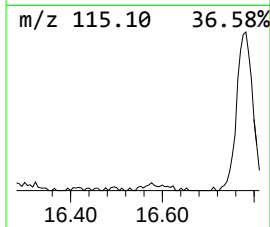
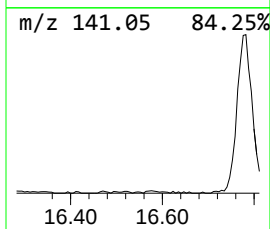
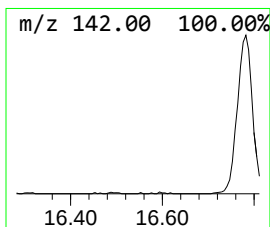
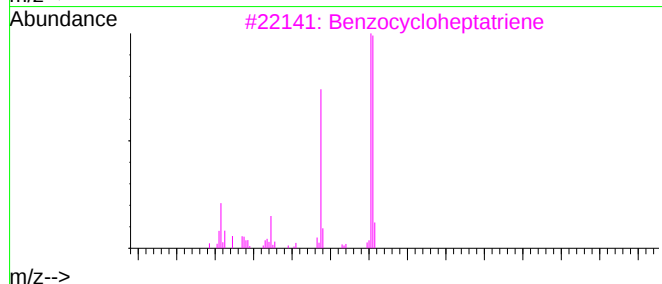
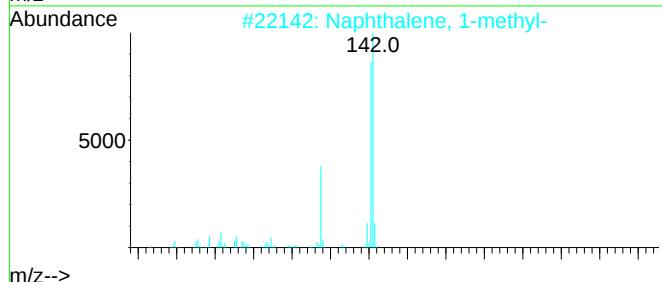
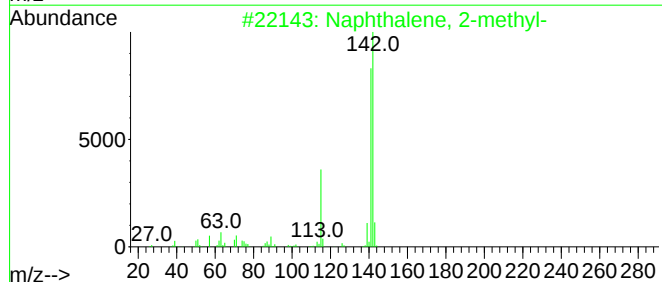
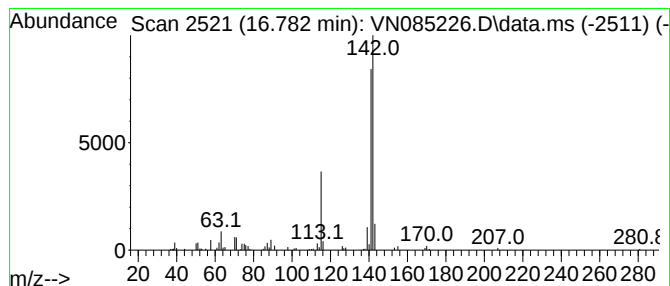
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.782	14.84 ug/l	187010	1,4-Dichlorobenzene-d4		13.788	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-		142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-		142	C11H10	000090-12-0	96
3	Benzocycloheptatriene		142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...		142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-		142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085226.D
Acq On : 17 Dec 2024 15:56
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.289	15.9	ug/l	136753	1	8.218	429671	50.0
Biphenyl	12.624	15.5	ug/l	206524	3	11.865	666621	50.0
Naphthalene, 2-...	13.318	51.0	ug/l	642526	4	13.788	629952	50.0
Naphthalene, 2,...	13.671	39.7	ug/l	499774	4	13.788	629952	50.0
Naphthalene, 1,...	14.006	73.6	ug/l	927504	4	13.788	629952	50.0
Naphthalene, 1,...	14.118	21.4	ug/l	269337	4	13.788	629952	50.0
Naphthalene, 2,...	14.547	20.4	ug/l	256599	4	13.788	629952	50.0
Naphthalene, 2,...	14.847	14.0	ug/l	176556	4	13.788	629952	50.0
Acenaphthene	15.518	52.1	ug/l	656650	4	13.788	629952	50.0
Naphthalene, 1-...	16.782	14.8	ug/l	187010	4	13.788	629952	50.0