

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074971.D
 Acq On : 21 Oct 2022 19:00
 Operator : JC\MD
 Sample : N5222-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

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: VN074971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.301	35	42	50	rBV2	267478	641604	8.14%	0.908%
2	7.971	1001	1006	1016	rVB3	91206	250680	3.18%	0.355%
3	8.177	1032	1041	1046	rBV2	1022271	2644066	33.53%	3.742%
4	8.230	1046	1050	1062	rVB	1241627	2621885	33.25%	3.711%
5	8.588	1101	1111	1122	rVB	1141392	2634915	33.42%	3.729%
6	9.106	1190	1199	1209	rBV	1638237	3331016	42.25%	4.714%
7	10.571	1438	1448	1457	rBV	4309044	7884648	100.00%	11.159%
8	11.106	1534	1539	1545	rVB3	80647	143074	1.81%	0.202%
9	11.865	1661	1668	1677	rVB	2426779	4465029	56.63%	6.319%
10	12.653	1785	1802	1803	rBV2	459932	1346805	17.08%	1.906%
11	12.853	1826	1836	1844	rVB	3082499	5435668	68.94%	7.693%
12	13.135	1873	1884	1887	rBV10	45507	136087	1.73%	0.193%
13	13.347	1897	1920	1940	rBV2	804028	4880275	61.90%	6.907%
14	13.482	1940	1943	1949	rVB	177950	265684	3.37%	0.376%
15	13.682	1958	1977	1989	rBV3	722080	3714523	47.11%	5.257%
16	13.794	1989	1996	2004	rVB	3316915	5681879	72.06%	8.041%
17	14.029	2017	2036	2047	rBV2	1799651	6781449	86.01%	9.598%
18	14.135	2047	2054	2067	rVB3	568794	2007289	25.46%	2.841%
19	14.323	2081	2086	2094	rVB4	61948	159730	2.03%	0.226%
20	14.500	2100	2116	2120	rBV4	325254	1107783	14.05%	1.568%
21	14.576	2121	2129	2139	rVB4	510425	1685804	21.38%	2.386%
22	14.865	2163	2178	2194	rBV4	362546	1408844	17.87%	1.994%
23	15.100	2211	2218	2219	rVV5	53966	104387	1.32%	0.148%
24	15.206	2229	2236	2245	rBV3	172565	328484	4.17%	0.465%
25	15.317	2245	2255	2264	rVB9	85397	255754	3.24%	0.362%
26	15.529	2274	2291	2302	rBV	1372341	4786358	60.70%	6.774%
27	15.641	2302	2310	2319	rVV	2263872	4592010	58.24%	6.499%
28	15.747	2323	2328	2338	rVB	32747	93653	1.19%	0.133%
29	16.282	2411	2419	2431	rVB	60163	191309	2.43%	0.271%
30	16.582	2463	2470	2477	rBV	30773	106162	1.35%	0.150%
31	16.782	2496	2504	2505	rBV2	632047	970508	12.31%	1.374%

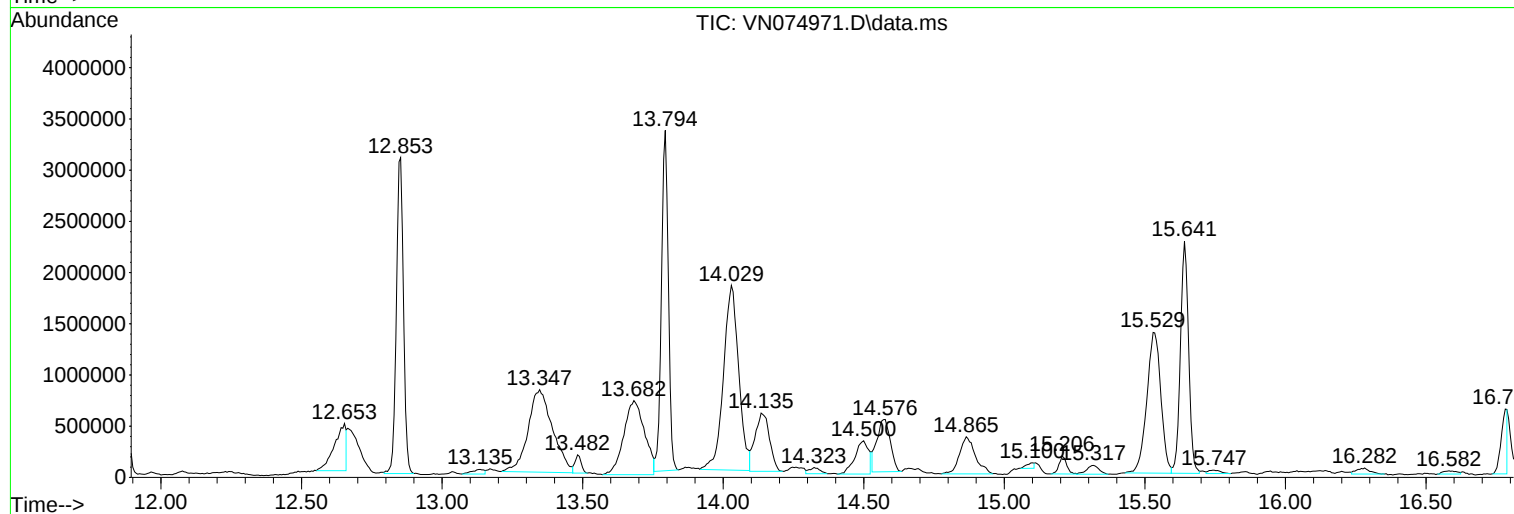
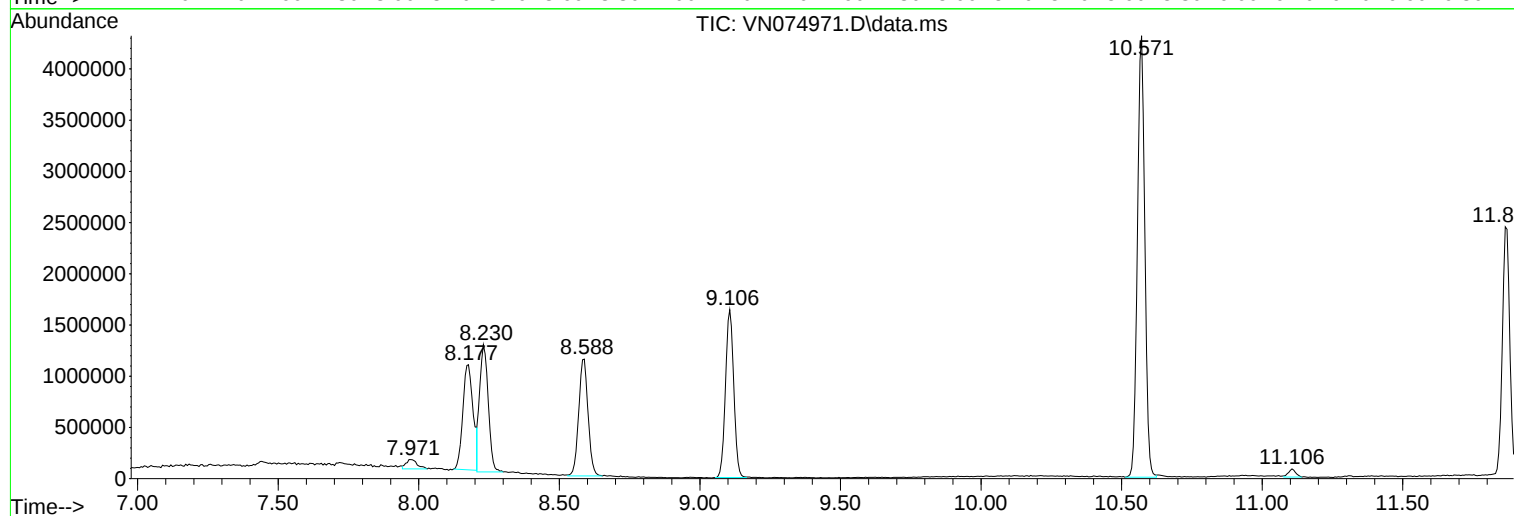
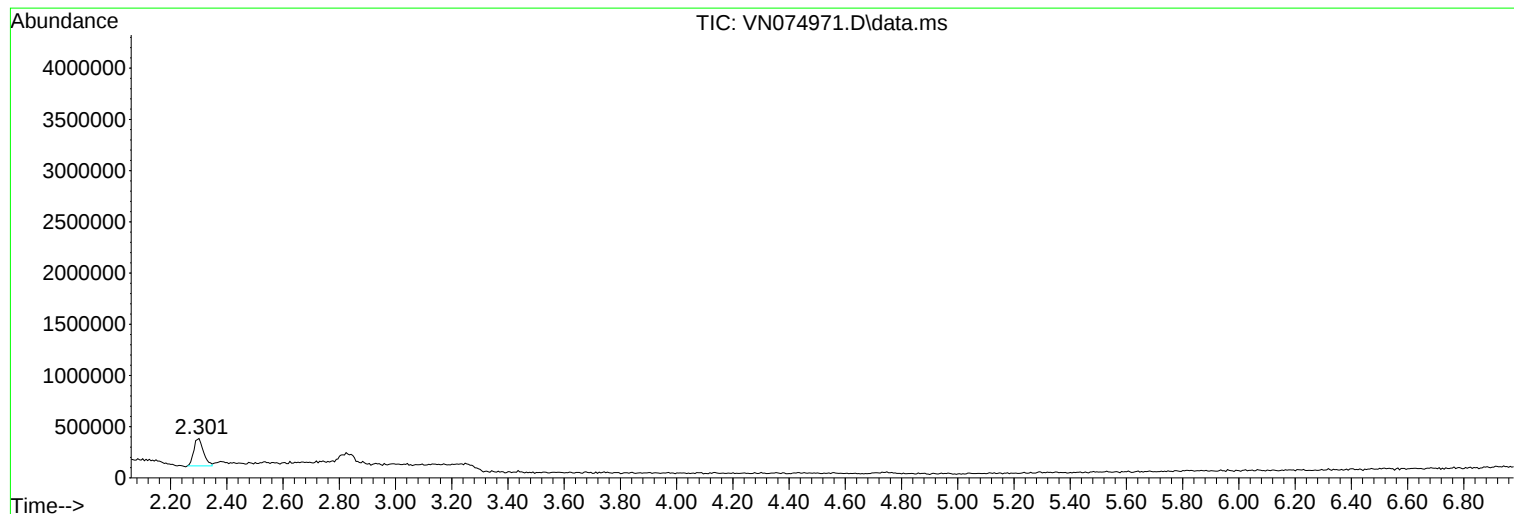
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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



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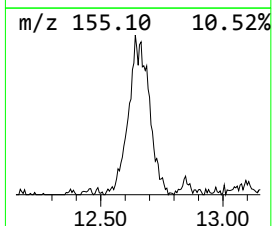
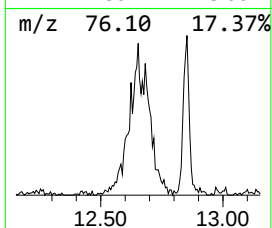
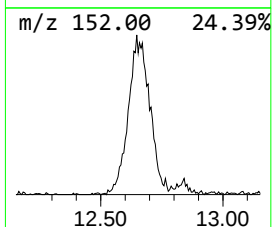
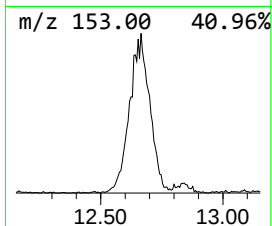
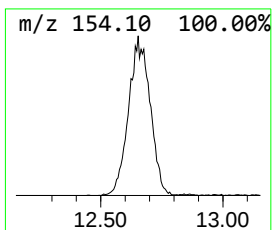
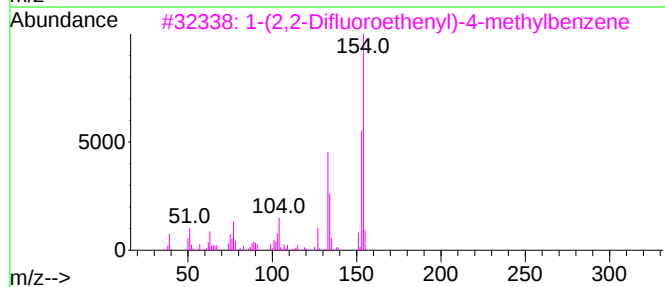
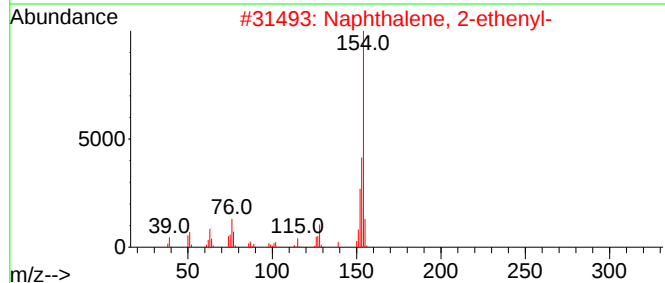
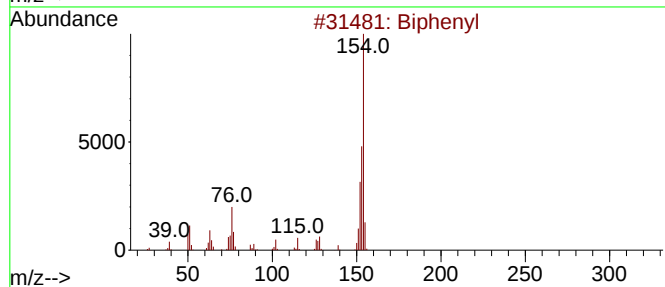
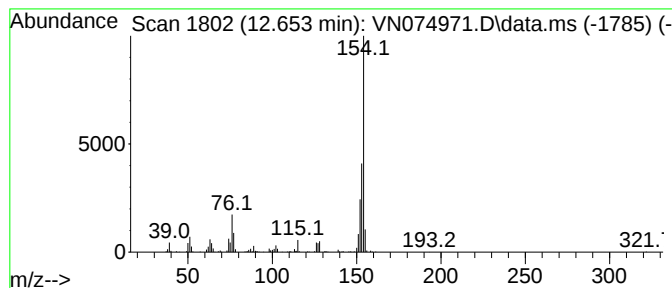
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	15.08 ug/l	1346810	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	87
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3			1-(2,2-Difluoroethyl)-4-methyl...	154	C9H8F2	1000305-64-2	58
4			6-Cyanoquinoline	154	C10H6N2	023395-72-4	49
5			Acenaphthene	154	C12H10	000083-32-9	49



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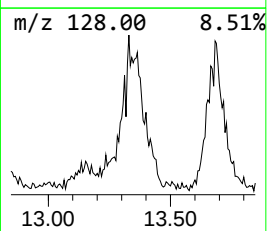
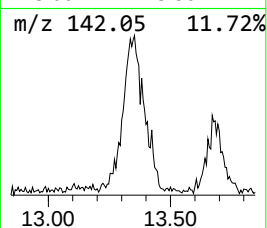
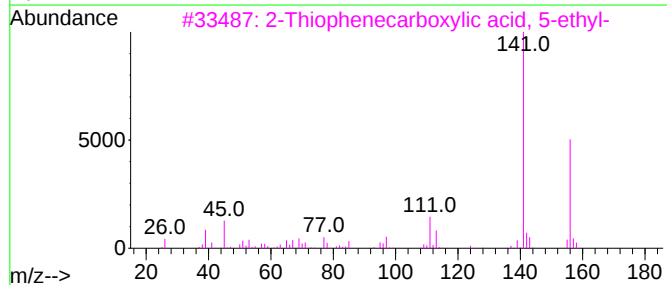
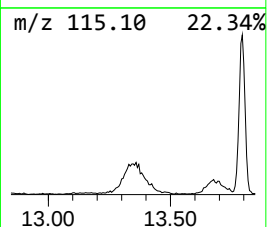
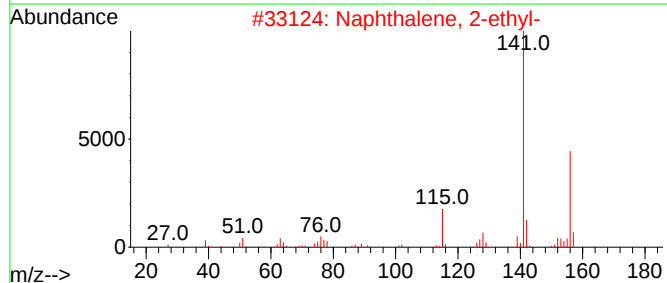
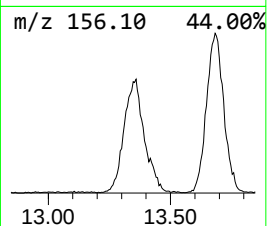
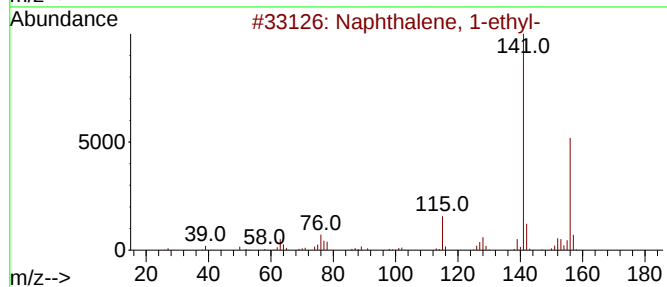
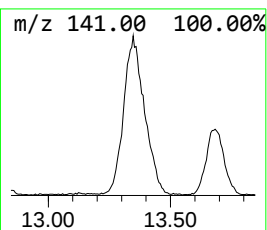
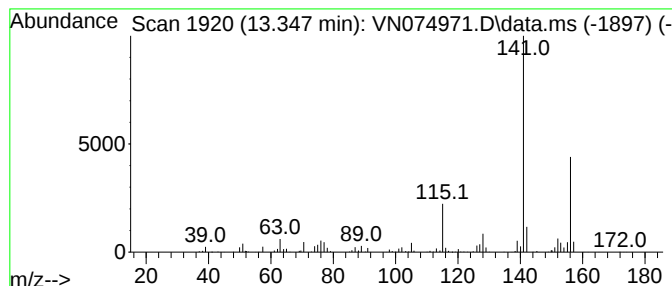
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	42.95 ug/l	4880280	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	59



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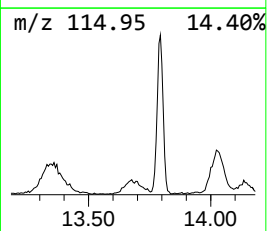
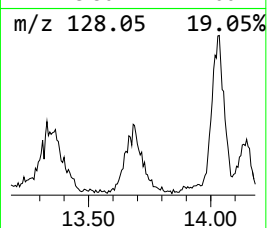
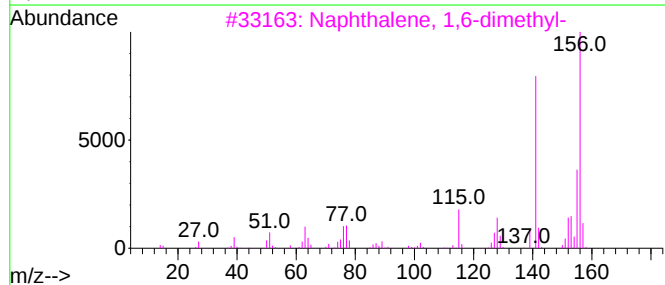
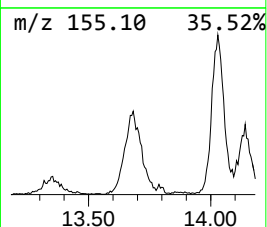
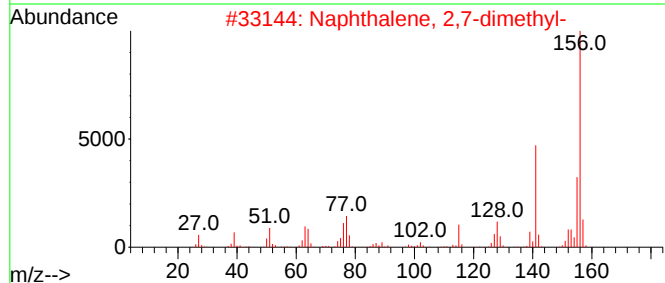
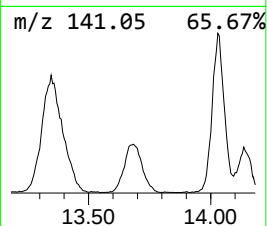
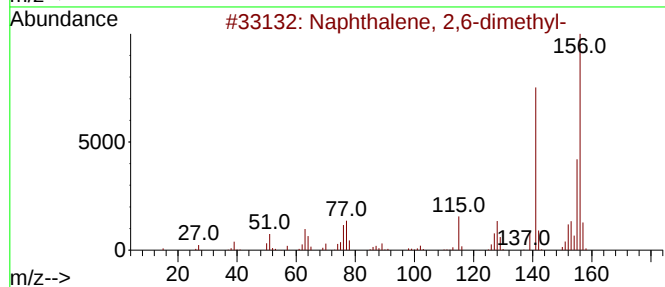
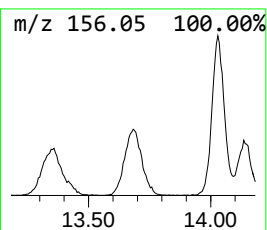
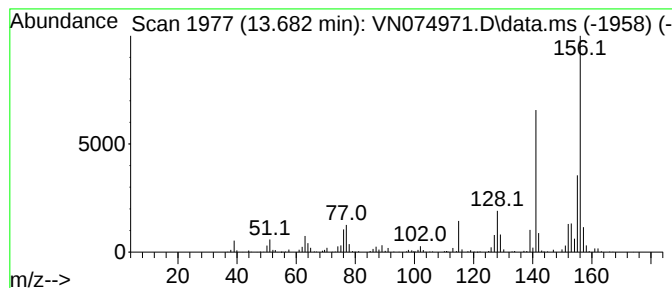
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.682	32.69 ug/l	3714520	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	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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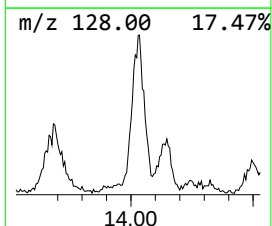
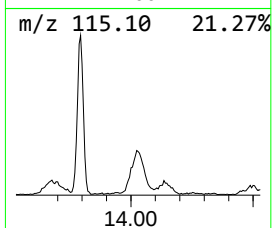
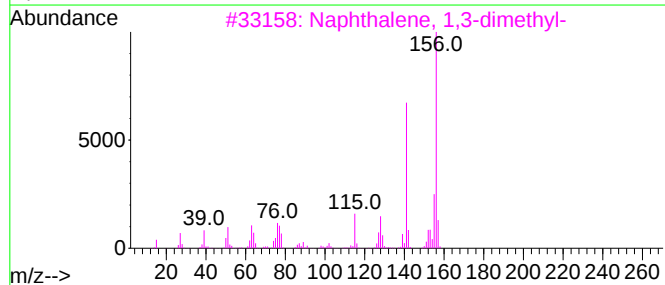
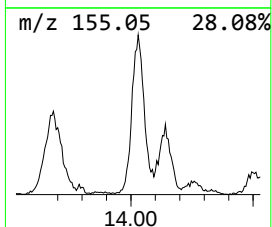
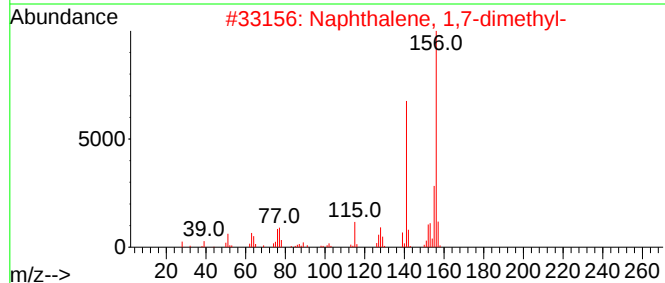
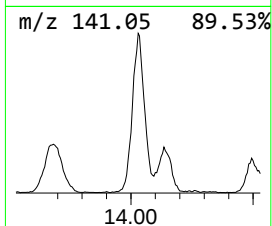
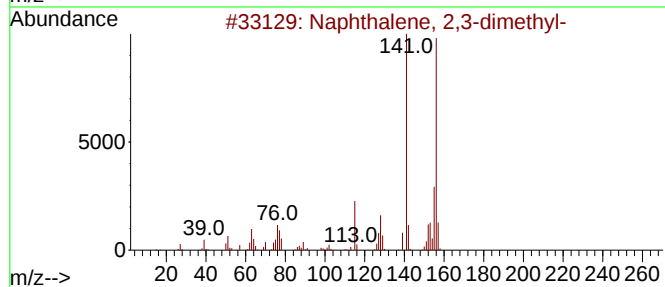
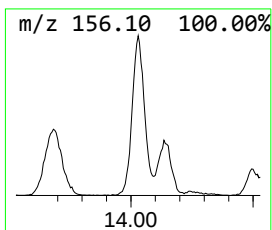
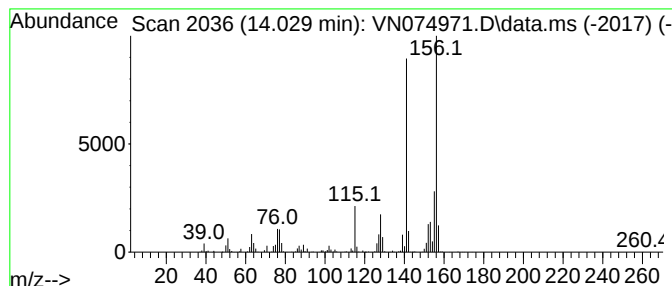
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.029	59.68 ug/l	6781450	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	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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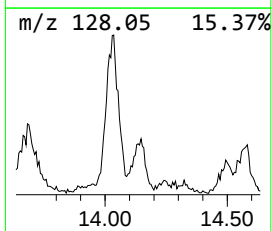
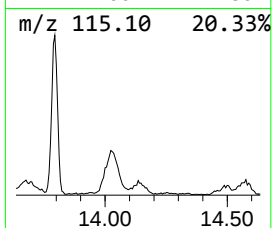
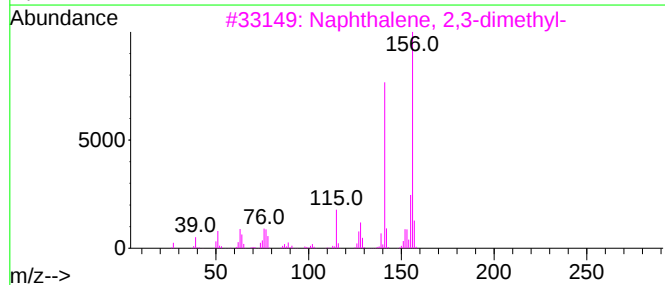
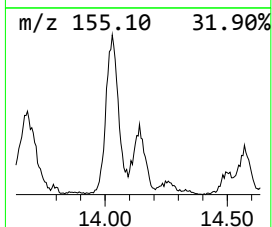
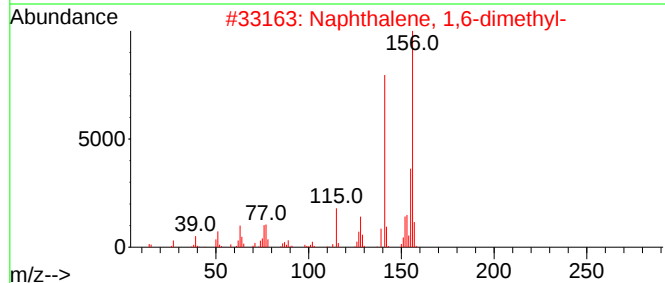
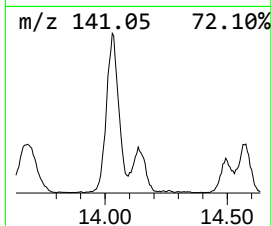
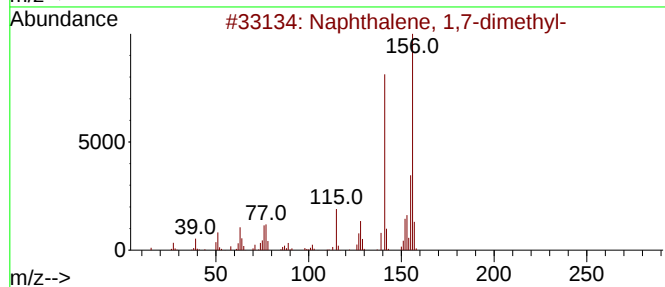
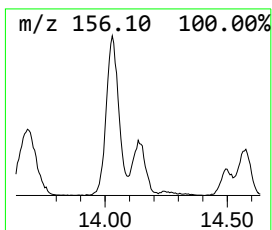
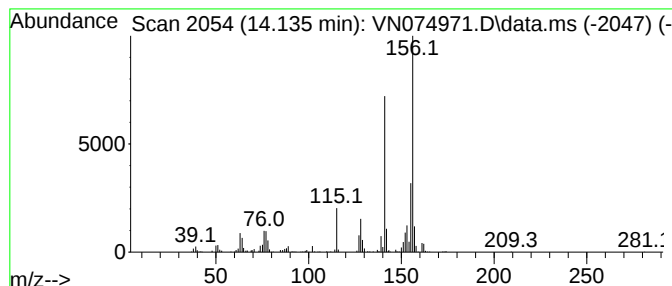
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Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	17.66 ug/l	2007290	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Instrument :
MSVOA_N
ClientSampleId :
MW-15

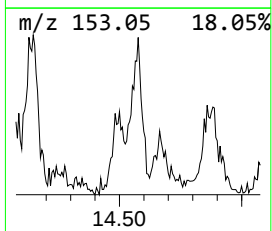
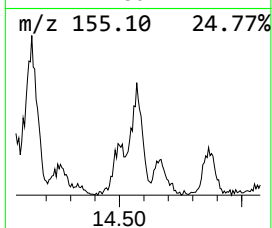
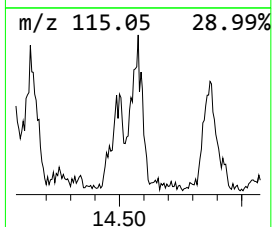
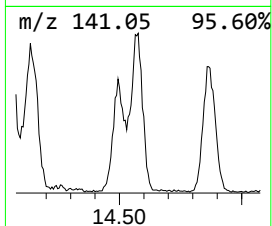
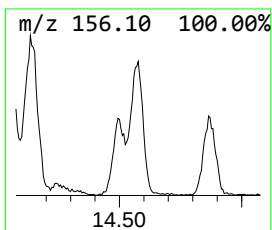
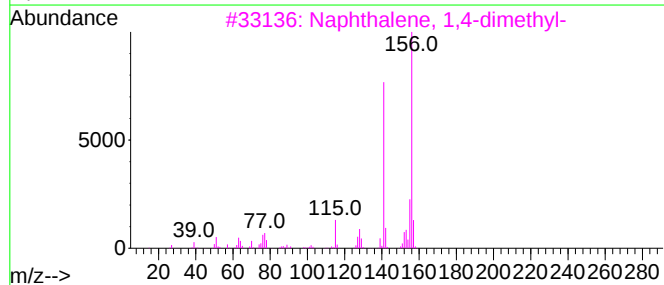
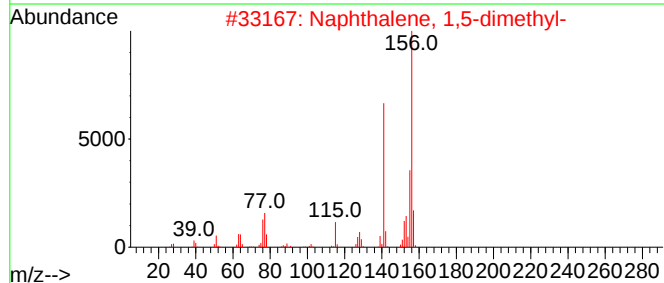
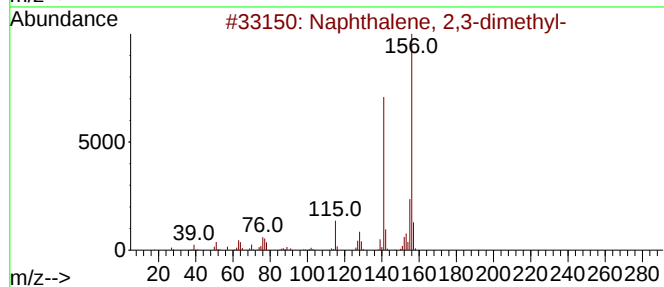
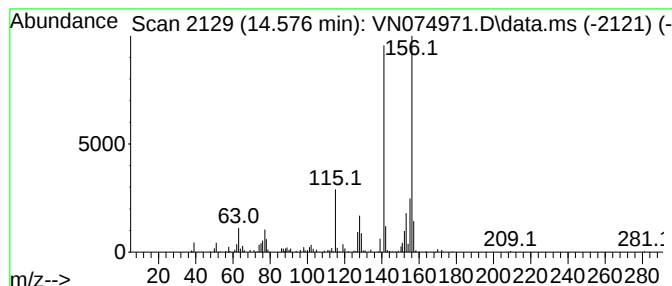
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.576	14.83 ug/l	1685800	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, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074971.D
Acq On : 21 Oct 2022 19:00
Operator : JC\MD
Sample : N5222-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

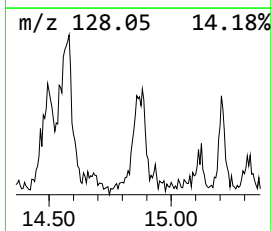
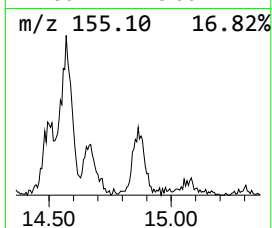
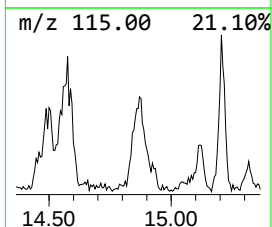
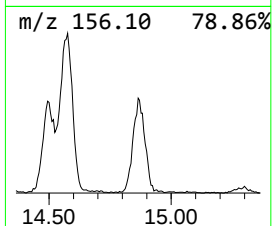
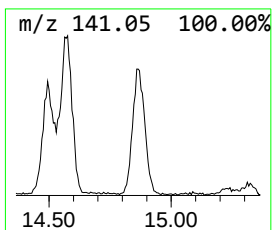
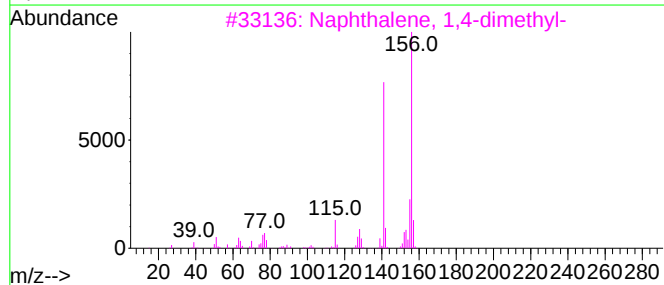
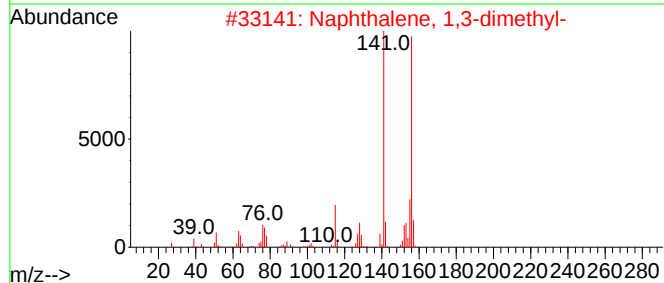
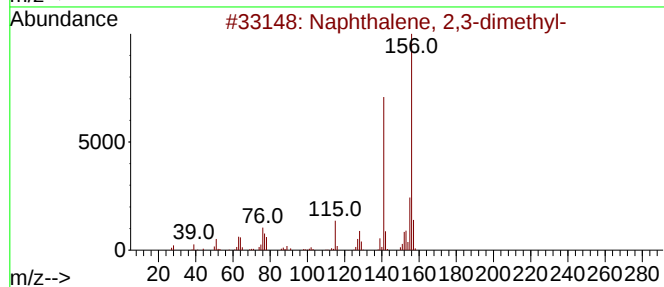
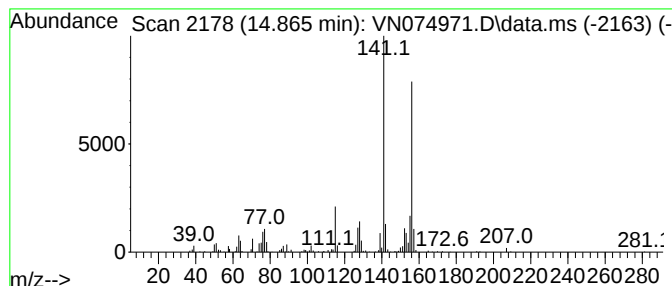
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	12.40 ug/l	1408840	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074971.D
Acq On : 21 Oct 2022 19:00
Operator : JC\MD
Sample : N5222-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

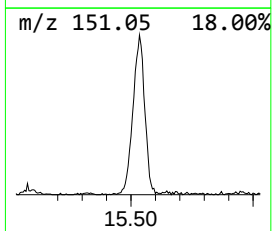
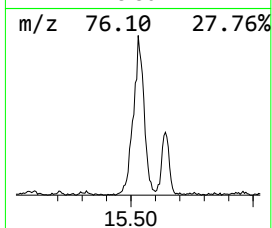
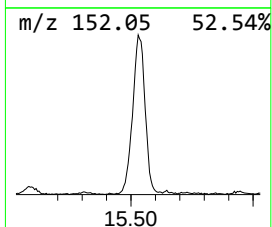
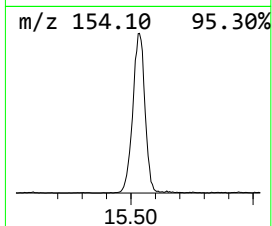
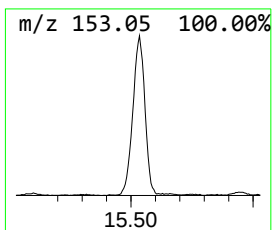
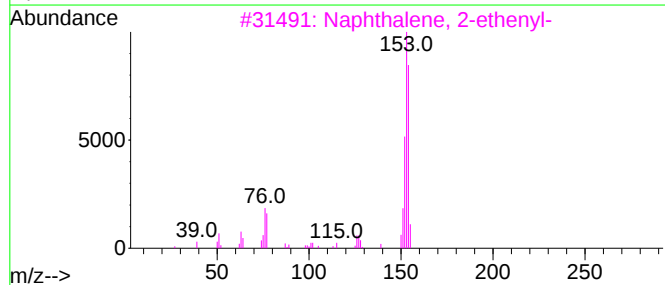
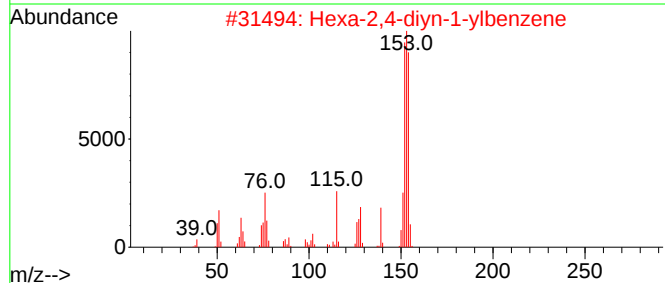
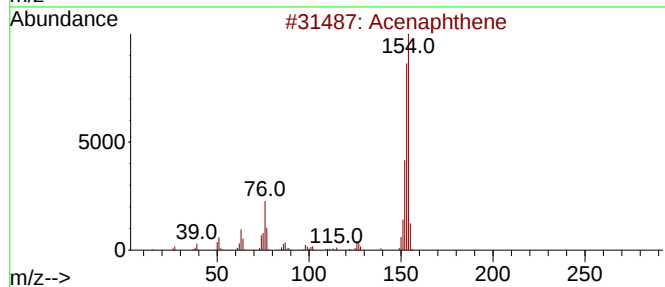
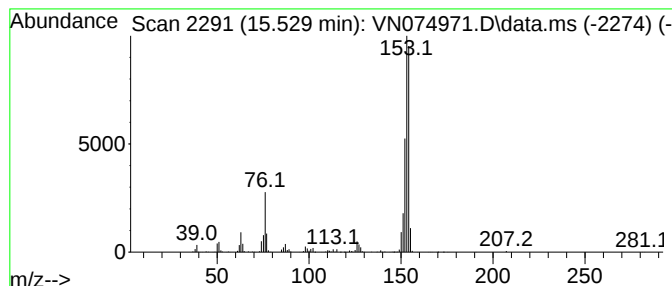
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Quant Title : SW846 8260

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

Peak Number 9 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.529	42.12 ug/l	4786360	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	91
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	68
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074971.D
Acq On : 21 Oct 2022 19:00
Operator : JC\MD
Sample : N5222-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

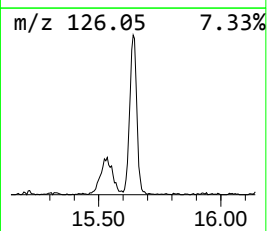
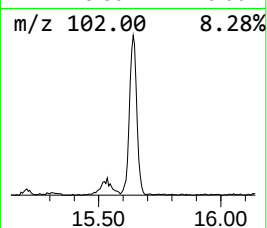
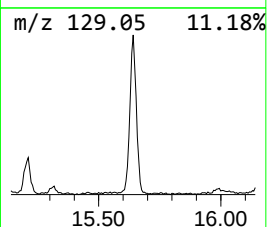
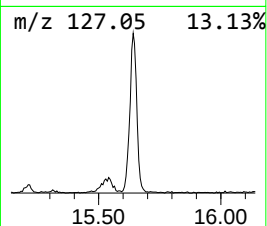
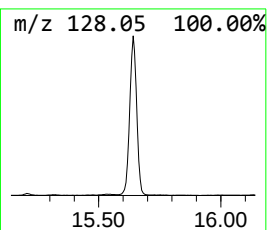
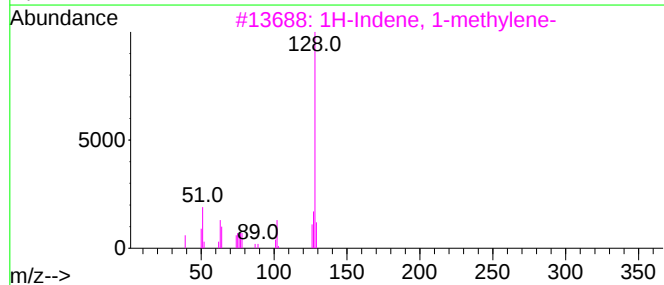
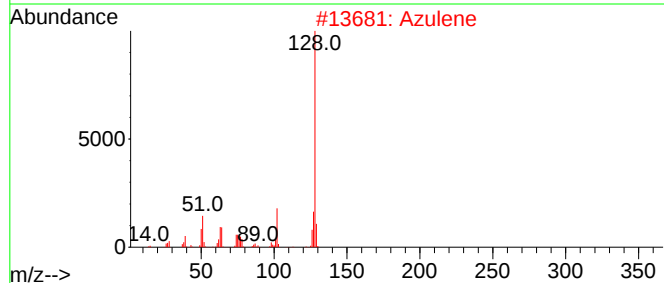
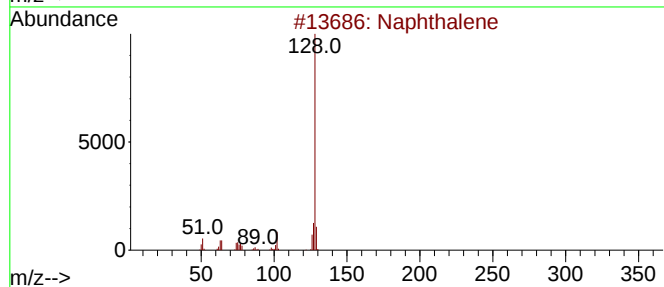
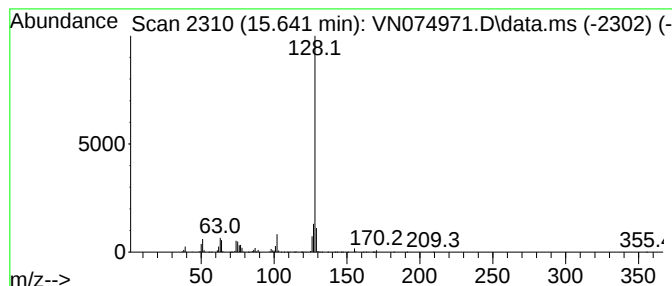
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Quant Title : SW846 8260

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	40.41 ug/l	4592010	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	90
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074971.D
Acq On : 21 Oct 2022 19:00
Operator : JC\MD
Sample : N5222-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

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
Sulfur dioxide	2.301	12.2	ug/l	641604	1	8.230	2621890	50.0
Biphenyl	12.653	15.1	ug/l	1346810	3	11.865	4465030	50.0
Naphthalene, 1-...	13.347	43.0	ug/l	4880280	4	13.794	5681880	50.0
Naphthalene, 2-...	13.682	32.7	ug/l	3714520	4	13.794	5681880	50.0
Naphthalene, 2-...	14.029	59.7	ug/l	6781450	4	13.794	5681880	50.0
Naphthalene, 1-...	14.135	17.7	ug/l	2007290	4	13.794	5681880	50.0
Naphthalene, 1-...	14.576	14.8	ug/l	1685800	4	13.794	5681880	50.0
Naphthalene, 1-...	14.865	12.4	ug/l	1408840	4	13.794	5681880	50.0
Hexa-2,4-dien-1...	15.529	42.1	ug/l	4786360	4	13.794	5681880	50.0
1H-Indene, 1-me...	15.641	40.4	ug/l	4592010	4	13.794	5681880	50.0