

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032022.D
 Acq On : 10 Oct 2022 19:00
 Operator : JC/MD
 Sample : N4941-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

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_X\Method\82X100622W.M
 Title : SW846 8260

Signal : TIC: VX032022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.276	26	31	49	rBV	31322	134054	9.66%	2.116%
2	3.111	322	332	345	rVB	13939	33471	2.41%	0.528%
3	5.385	692	705	721	rBV	65242	191918	13.84%	3.029%
4	5.550	721	732	745	rVB	71393	201797	14.55%	3.185%
5	5.958	788	799	807	rBV2	73177	193726	13.97%	3.058%
6	6.037	807	812	823	rVB2	20778	54338	3.92%	0.858%
7	6.763	921	931	944	rBV	98764	234546	16.91%	3.702%
8	8.647	1234	1240	1248	rBV	351526	548931	39.58%	8.665%
9	10.055	1465	1471	1484	rBV	243874	322559	23.26%	5.092%
10	10.195	1489	1494	1503	rVV	24393	32064	2.31%	0.506%
11	10.299	1506	1511	1518	rVB	10243	14868	1.07%	0.235%
12	10.640	1563	1567	1573	rVB	19144	26141	1.88%	0.413%
13	11.079	1634	1639	1649	rBV	275676	345375	24.90%	5.452%
14	11.750	1745	1749	1755	rBV	24141	30646	2.21%	0.484%
15	12.024	1788	1794	1800	rBV	316673	409248	29.51%	6.460%
16	12.085	1800	1804	1809	rVB	25023	31492	2.27%	0.497%
17	12.244	1824	1830	1838	rBV	372058	450007	32.44%	7.103%
18	12.701	1900	1905	1912	rVB	33503	42590	3.07%	0.672%
19	12.884	1932	1935	1939	rBV	28756	35274	2.54%	0.557%
20	12.969	1944	1949	1956	rBV	54871	92819	6.69%	1.465%
21	13.170	1977	1982	1989	rVB	24594	30056	2.17%	0.474%
22	13.292	1994	2002	2007	rBV2	42907	56470	4.07%	0.891%
23	13.426	2019	2024	2029	rVB	21609	28655	2.07%	0.452%
24	13.774	2073	2081	2088	rBV	1127023	1387025	100.00%	21.894%
25	14.384	2176	2181	2188	rBV3	9677	15276	1.10%	0.241%
26	14.597	2208	2216	2219	rBV	30809	40470	2.92%	0.639%
27	14.640	2219	2223	2233	rVB	77587	105639	7.62%	1.667%
28	14.780	2241	2246	2258	rVB	519459	634933	45.78%	10.022%
29	15.615	2371	2383	2387	rBV4	19159	36411	2.63%	0.575%
30	15.841	2410	2420	2428	rVB5	10036	25868	1.86%	0.408%
31	15.987	2437	2444	2454	rBV3	8082	14208	1.02%	0.224%
32	16.328	2492	2500	2511	rBV	234700	408437	29.45%	6.447%
33	16.688	2550	2559	2570	rVB	66111	125904	9.08%	1.987%

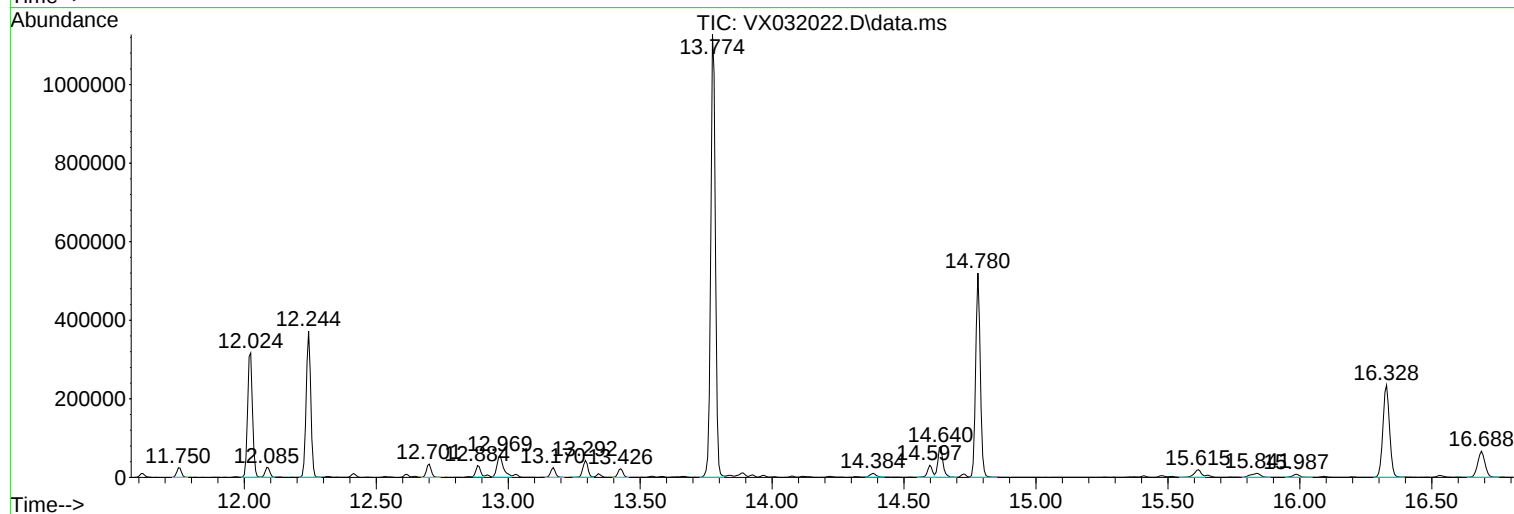
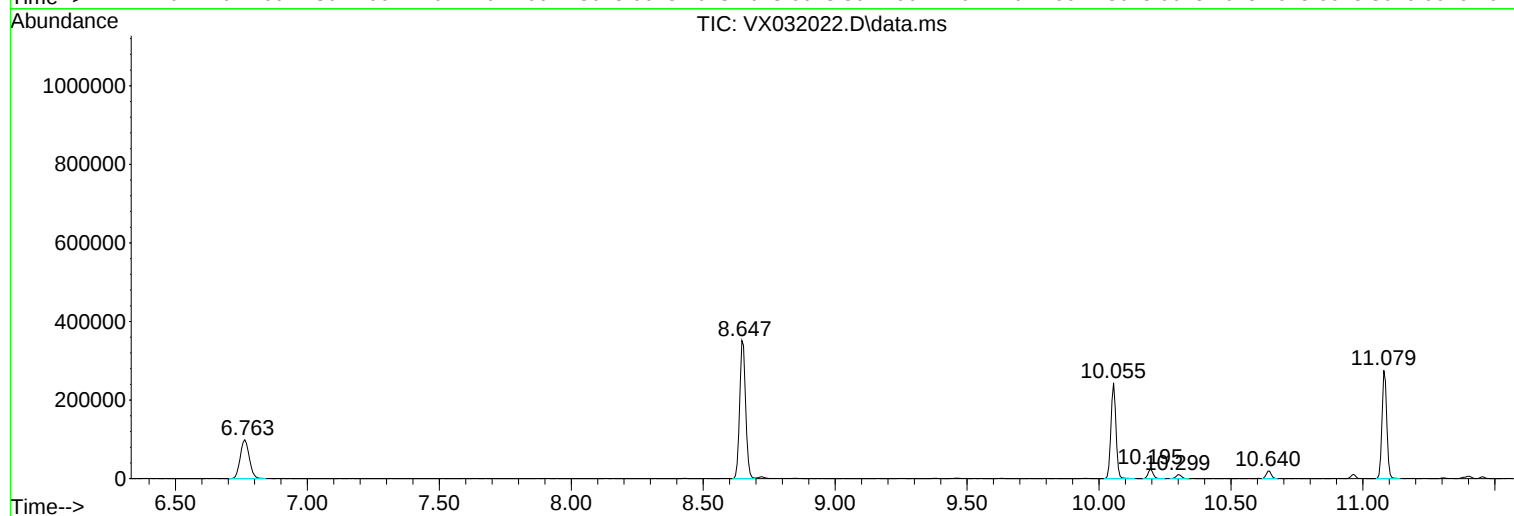
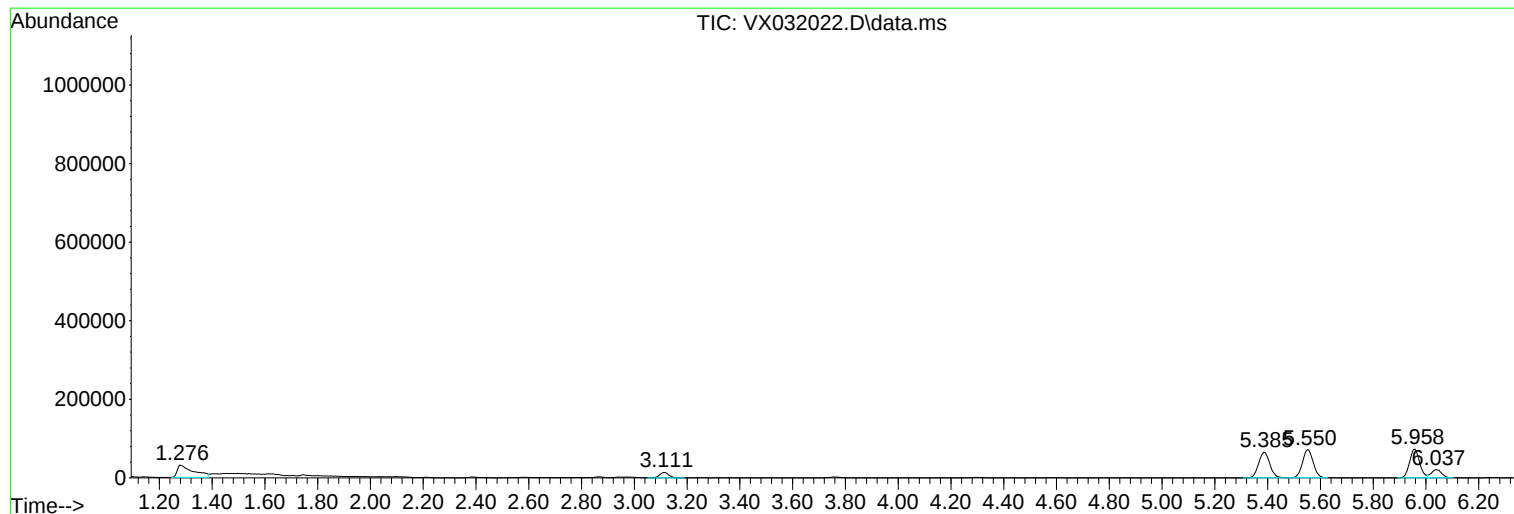
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

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



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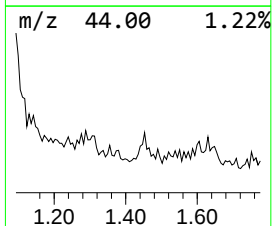
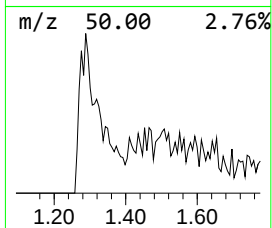
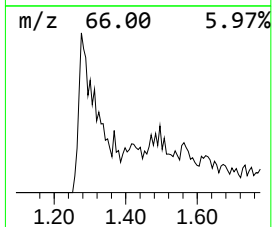
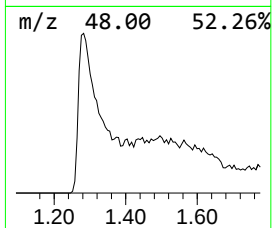
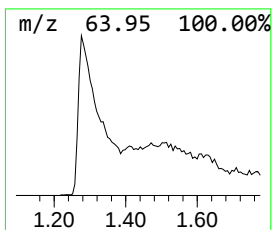
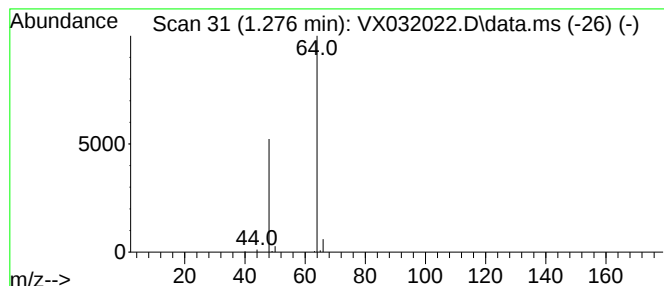
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Quant Title : SW846 8260

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

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.276	33.22 ug/l	134054	Pentafluorobenzene	5.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	4



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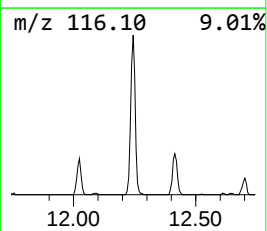
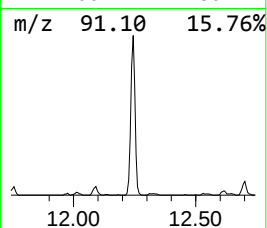
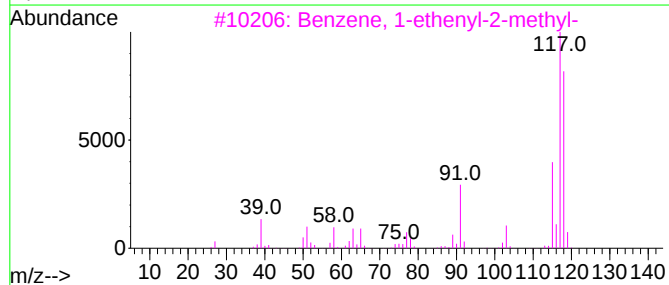
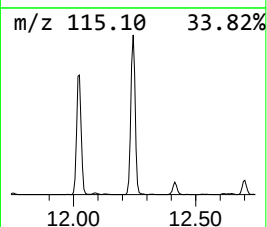
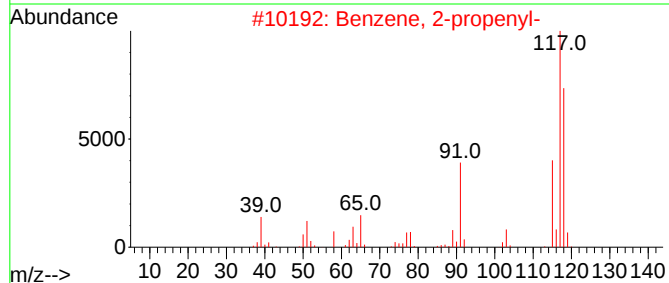
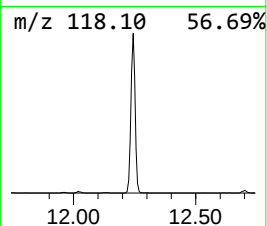
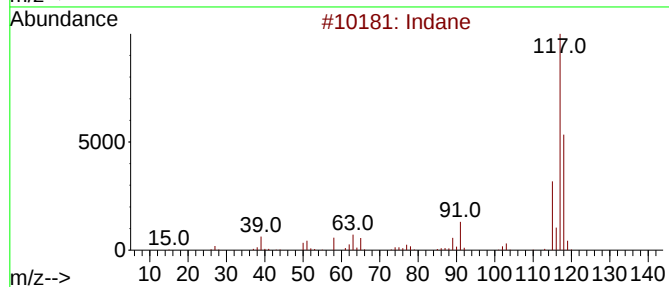
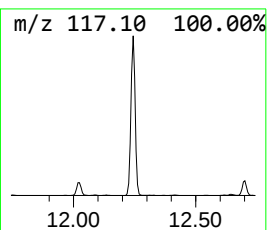
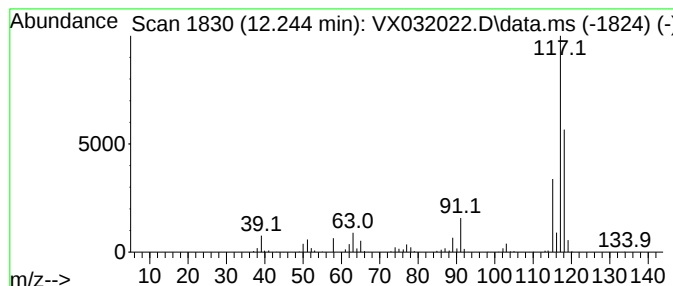
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Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	54.98 ug/l	450007	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



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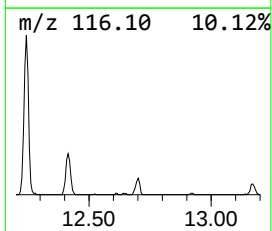
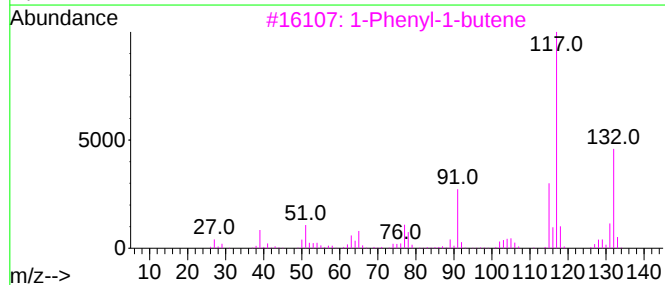
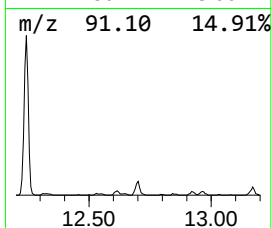
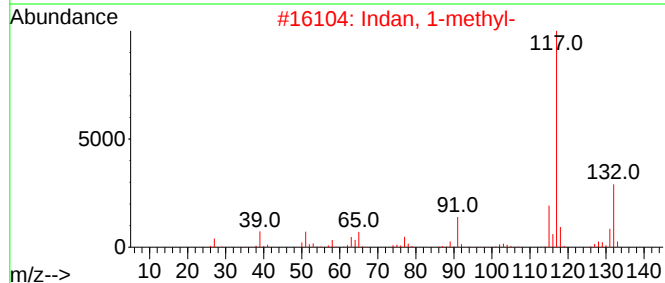
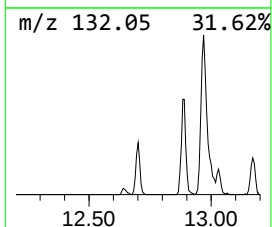
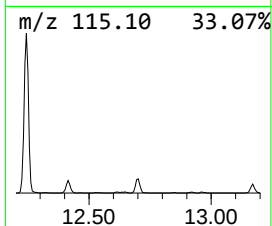
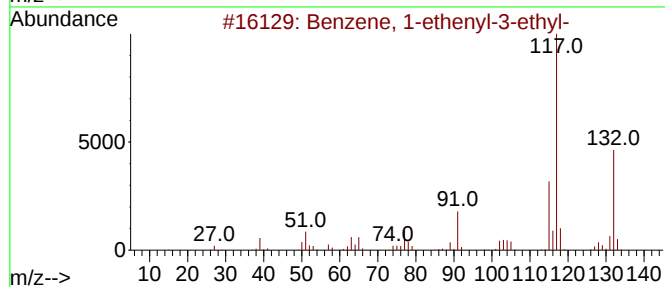
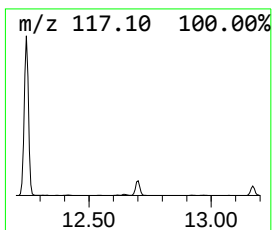
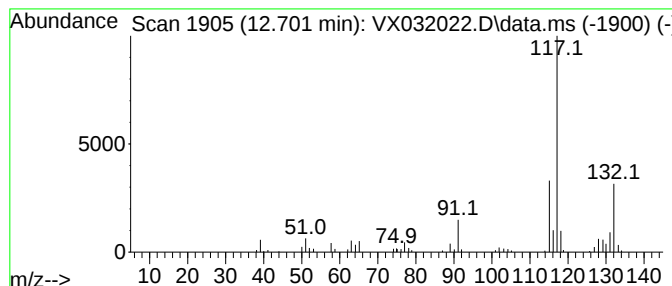
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	5.20 ug/l	42590	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81



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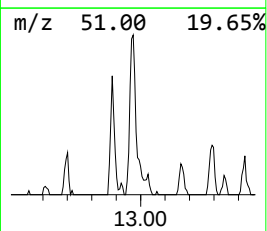
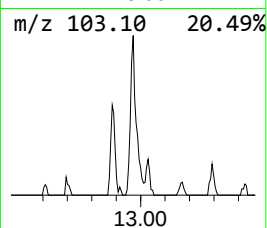
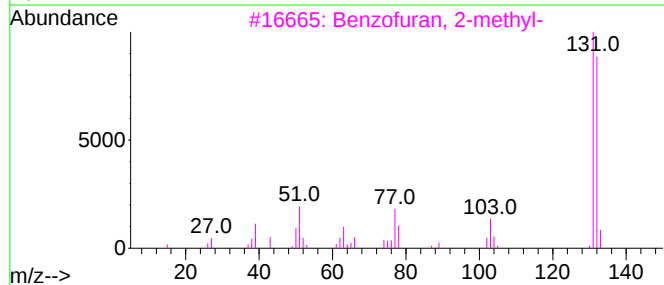
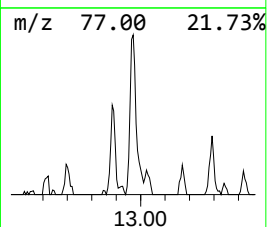
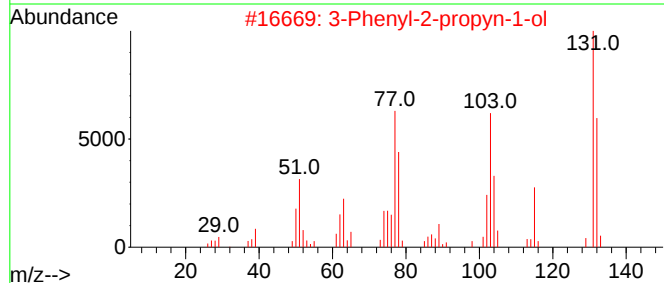
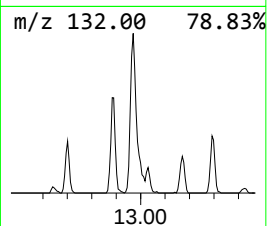
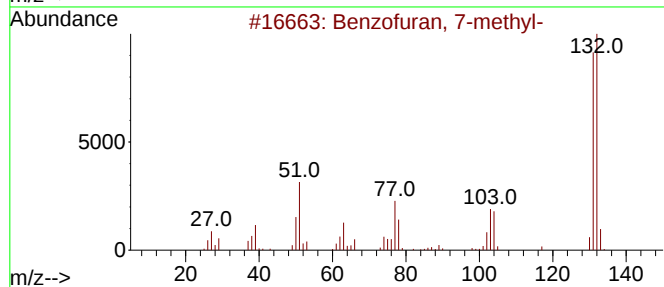
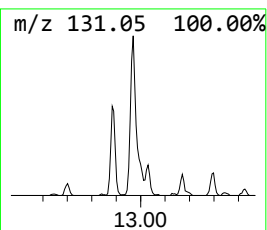
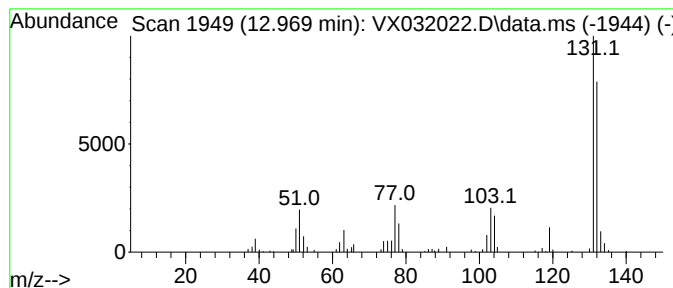
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Quant Title : SW846 8260

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

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	11.34 ug/l	92819	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5			Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	80



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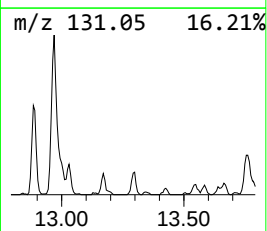
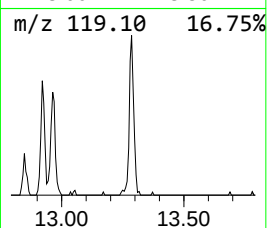
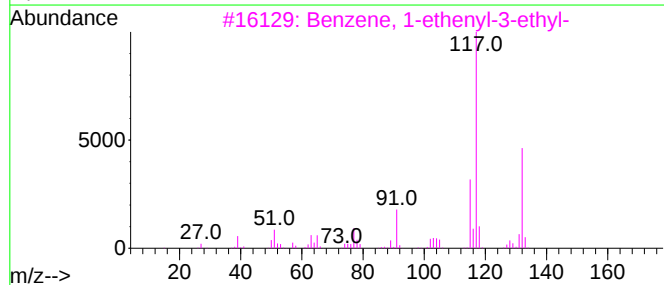
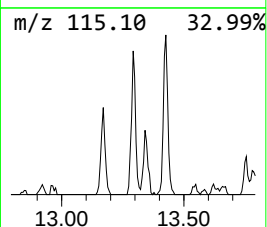
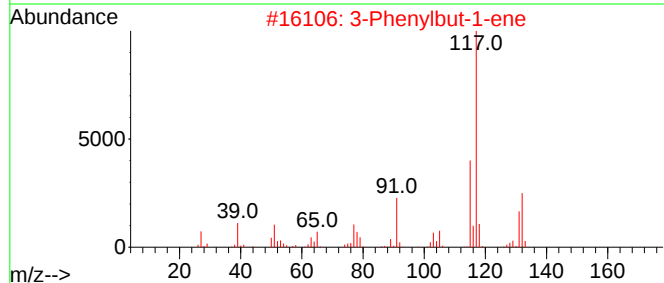
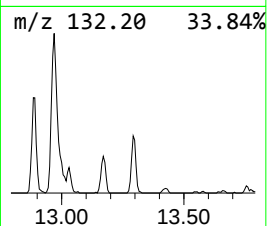
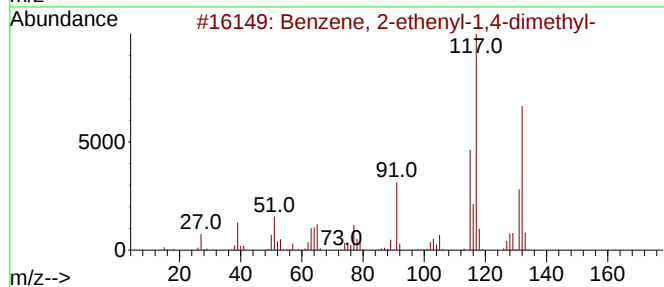
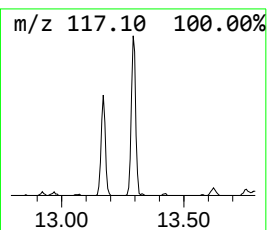
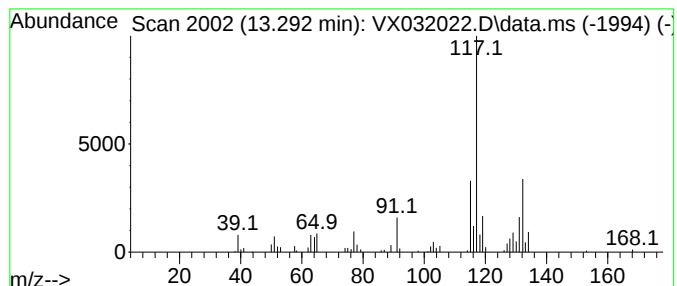
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	6.90 ug/l	56470	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



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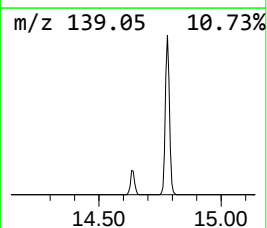
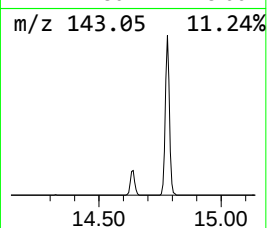
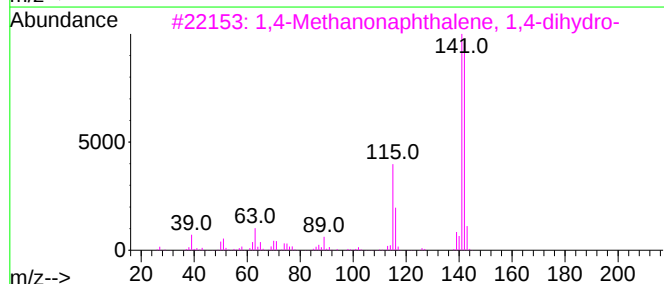
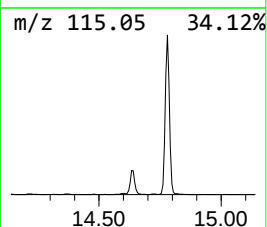
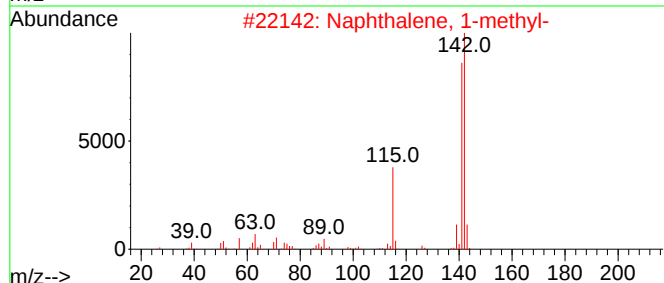
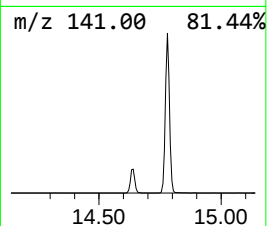
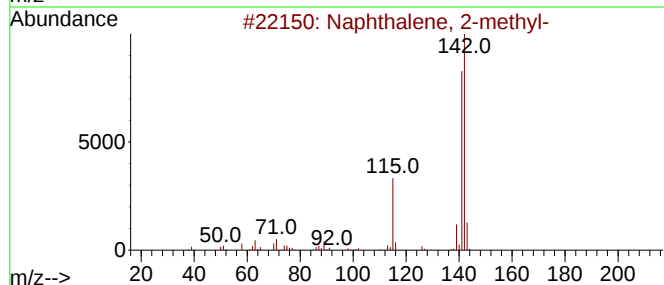
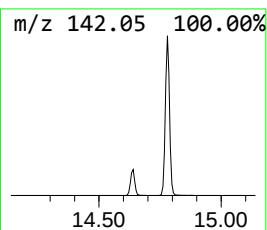
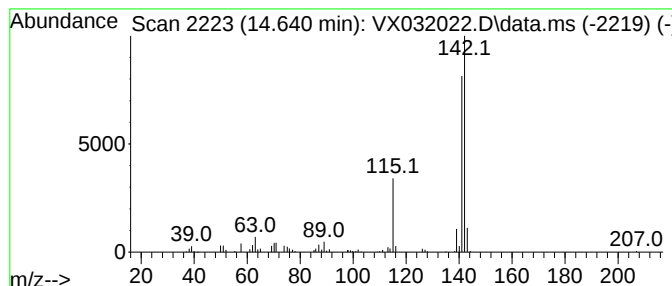
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	12.91 ug/l	105639	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032022.D
Acq On : 10 Oct 2022 19:00
Operator : JC/MD
Sample : N4941-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

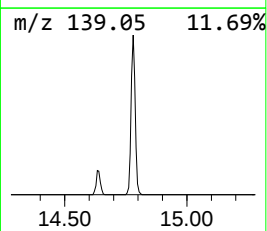
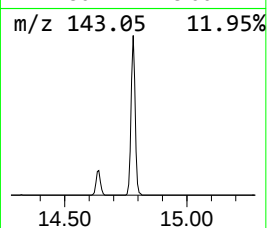
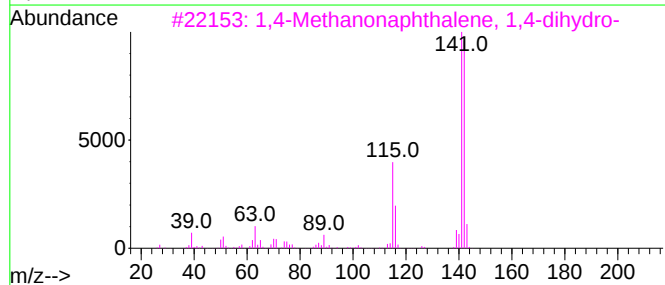
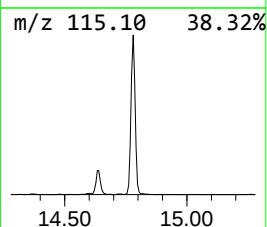
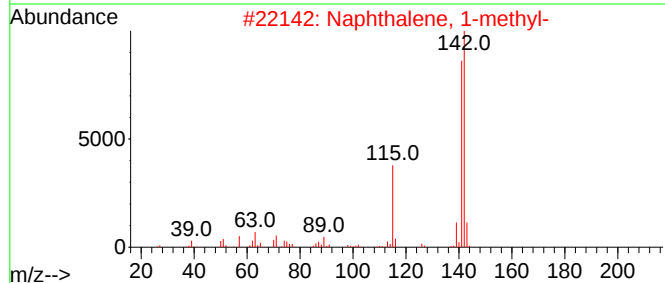
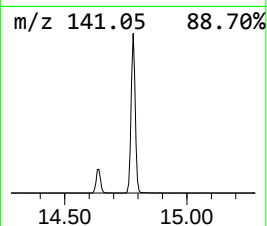
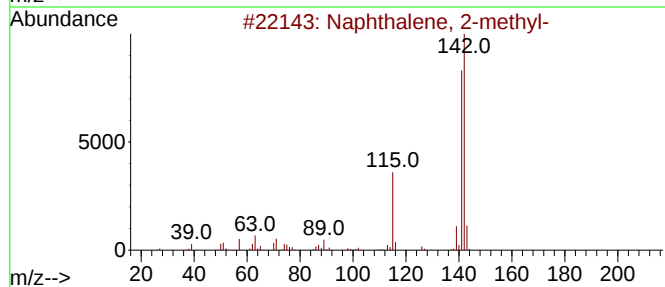
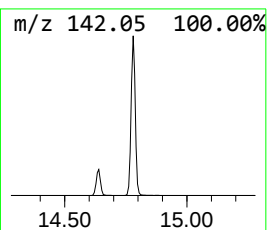
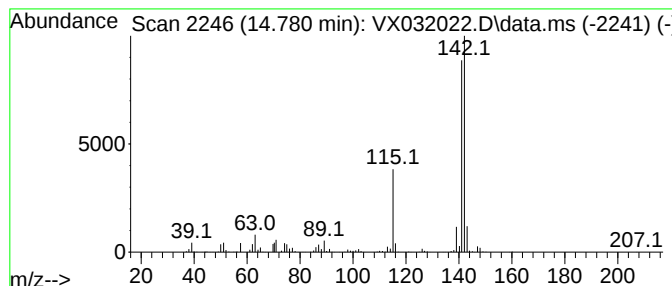
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Quant Title : SW846 8260

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

Peak Number 7 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	77.57 ug/l	634933	1,4-Dichlorobenzene-d4	12.024

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			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	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032022.D
Acq On : 10 Oct 2022 19:00
Operator : JC/MD
Sample : N4941-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

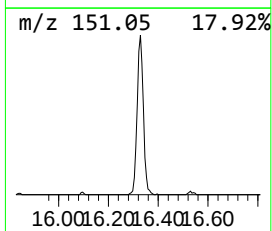
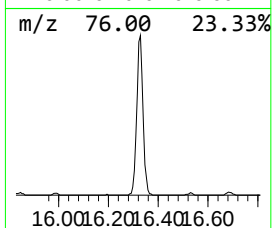
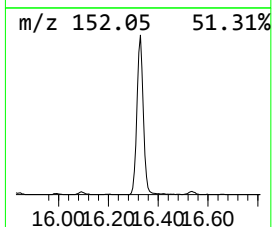
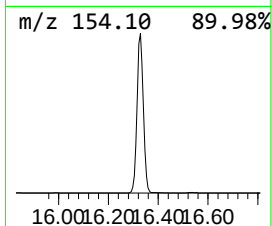
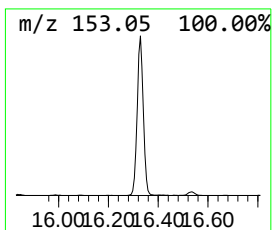
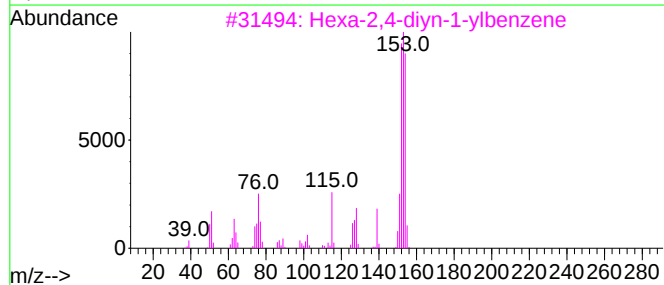
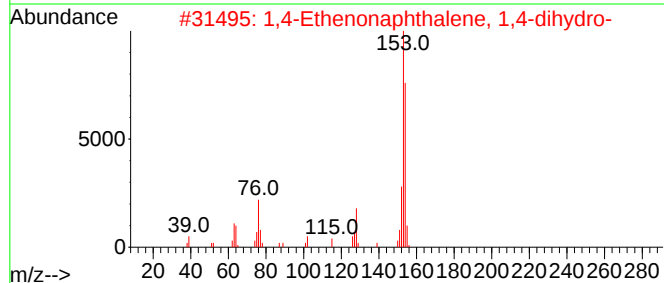
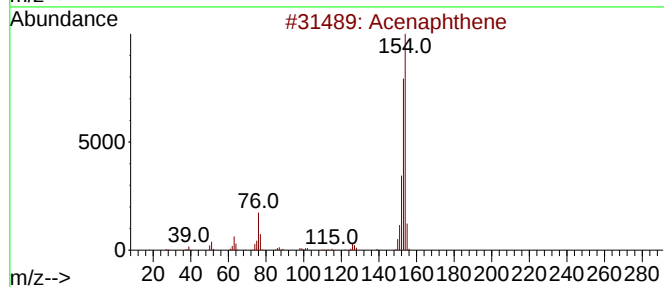
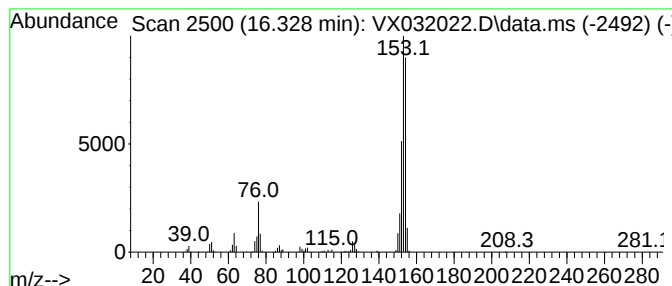
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Quant Title : SW846 8260

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

Peak Number 8 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	49.90 ug/l	408437	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	72
3			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032022.D
Acq On : 10 Oct 2022 19:00
Operator : JC/MD
Sample : N4941-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

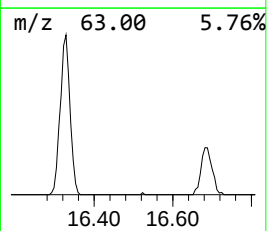
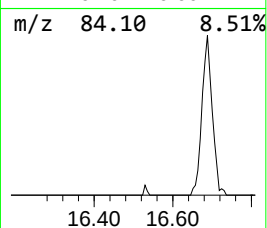
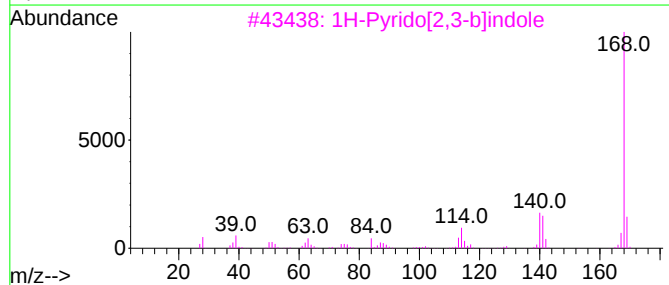
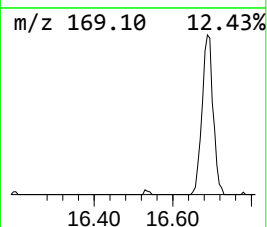
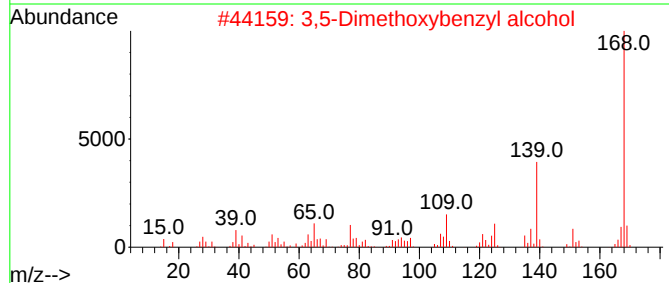
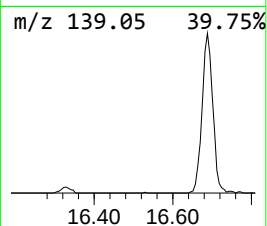
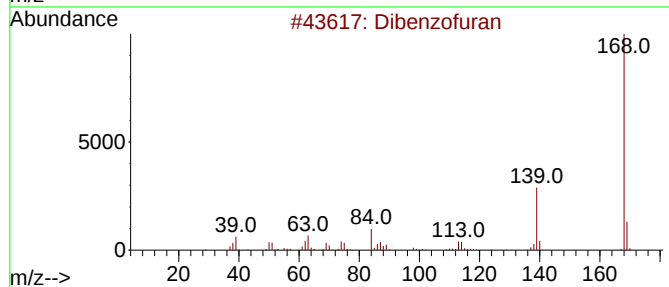
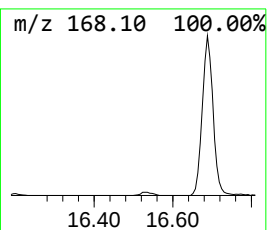
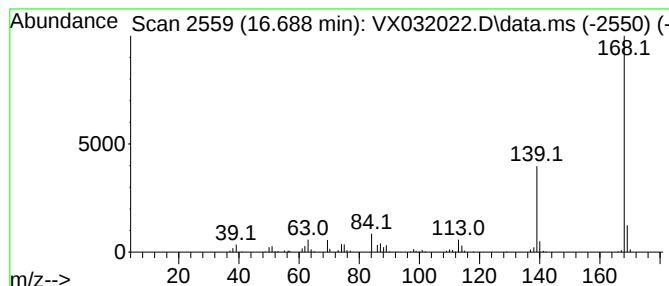
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

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

Peak Number 9 Dibenzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.688	15.38 ug/l	125904	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	87
2			3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56
3			1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50
4			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	50
5			l-Isoleucine, n-propargyloxycarb...	381	C22H39NO4	1010328-14-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032022.D
Acq On : 10 Oct 2022 19:00
Operator : JC/MD
Sample : N4941-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.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	1.276	33.2	ug/l	134054	1	5.556	201797	50.0
Indane	12.244	55.0	ug/l	450007	4	12.024	409248	50.0
Benzene, 1-ethe...	12.701	5.2	ug/l	42590	4	12.024	409248	50.0
Benzofuran, 7-m...	12.969	11.3	ug/l	92819	4	12.024	409248	50.0
Benzene, 2-ethe...	13.292	6.9	ug/l	56470	4	12.024	409248	50.0
Naphthalene, 1-...	14.640	12.9	ug/l	105639	4	12.024	409248	50.0
1,4-Methanonaph...	14.780	77.6	ug/l	634933	4	12.024	409248	50.0
Hexa-2,4-diyne-1...	16.328	49.9	ug/l	408437	4	12.024	409248	50.0
Dibenzofuran	16.688	15.4	ug/l	125904	4	12.024	409248	50.0