

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004655.D
 Acq On : 18 Sep 2018 14:02
 Operator : JC/MD
 Sample : J4898-02 5X
 Misc : 9.01µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.500	702	713	727	rBV	137617	383156	1.97%	0.700%
2	5.653	727	738	755	rVB	185096	538798	2.77%	0.984%
3	6.067	795	806	811	rBV2	133645	346086	1.78%	0.632%
4	6.141	811	818	833	rVB2	304934	784756	4.03%	1.433%
5	6.860	926	936	957	rBV	324216	719606	3.70%	1.314%
6	8.713	1231	1240	1246	rBV	668276	1062484	5.46%	1.941%
7	8.787	1246	1252	1265	rVB	775982	1193572	6.14%	2.180%
8	10.116	1464	1470	1480	rBV	608025	809831	4.16%	1.479%
9	10.256	1487	1493	1499	rBV	306417	416232	2.14%	0.760%
10	10.359	1502	1510	1516	rBV	922703	1240500	6.38%	2.266%
11	10.701	1561	1566	1581	rVB2	386628	570785	2.93%	1.043%
12	11.140	1632	1638	1645	rBV	639105	801064	4.12%	1.463%
13	11.432	1681	1686	1693	rBV	130170	235848	1.21%	0.431%
14	11.506	1693	1698	1710	rVB	204047	293469	1.51%	0.536%
15	11.810	1738	1748	1752	rBV	527212	661127	3.40%	1.208%
16	11.865	1752	1757	1760	rVV	182365	218551	1.12%	0.399%
17	12.018	1777	1782	1787	rVB2	376650	491571	2.53%	0.898%
18	12.079	1787	1792	1798	rVB	828139	1045937	5.38%	1.910%
19	12.146	1798	1803	1807	rBV	160325	198099	1.02%	0.362%
20	12.298	1823	1828	1836	rVB2	143791	214365	1.10%	0.392%
21	12.469	1847	1856	1862	rBV	2368898	2897860	14.90%	5.293%
22	12.944	1930	1934	1937	rBV	188436	222099	1.14%	0.406%
23	13.024	1943	1947	1951	rBV	486495	673645	3.46%	1.230%
24	13.127	1955	1964	1966	rBV4	167776	448210	2.30%	0.819%
25	13.402	2005	2009	2014	rBV	485680	563279	2.90%	1.029%
26	13.487	2017	2023	2028	rBV	521959	692727	3.56%	1.265%
27	13.840	2069	2081	2086	rBV	15368699	19449945	100.00%	35.526%
28	13.932	2092	2096	2102	rVB2	438623	651854	3.35%	1.191%
29	14.279	2149	2153	2156	rBV2	133441	209508	1.08%	0.383%
30	14.700	2217	2222	2232	rVB	3963229	4989866	25.65%	9.114%
31	14.840	2240	2245	2257	rVB	2640798	3347649	17.21%	6.115%
32	15.273	2305	2316	2321	rBV	575398	807437	4.15%	1.475%
33	15.444	2337	2344	2348	rBV2	115139	203506	1.05%	0.372%
34	15.554	2354	2362	2373	rVB	875765	1510700	7.77%	2.759%

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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

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Peak separation: 5

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Title : SW846 8260

35	15.688	2373	2384	2388	rVV	1085013	1822989	9.37%	3.330%
36	15.730	2388	2391	2397	rVB	520102	742302	3.82%	1.356%
37	15.919	2412	2422	2433	rVB	356933	926352	4.76%	1.692%
38	16.072	2441	2447	2456	rVB	201174	351990	1.81%	0.643%
39	16.175	2457	2464	2472	rBV	786939	1366045	7.02%	2.495%
40	16.419	2489	2504	2512	rBV2	264095	644784	3.32%	1.178%

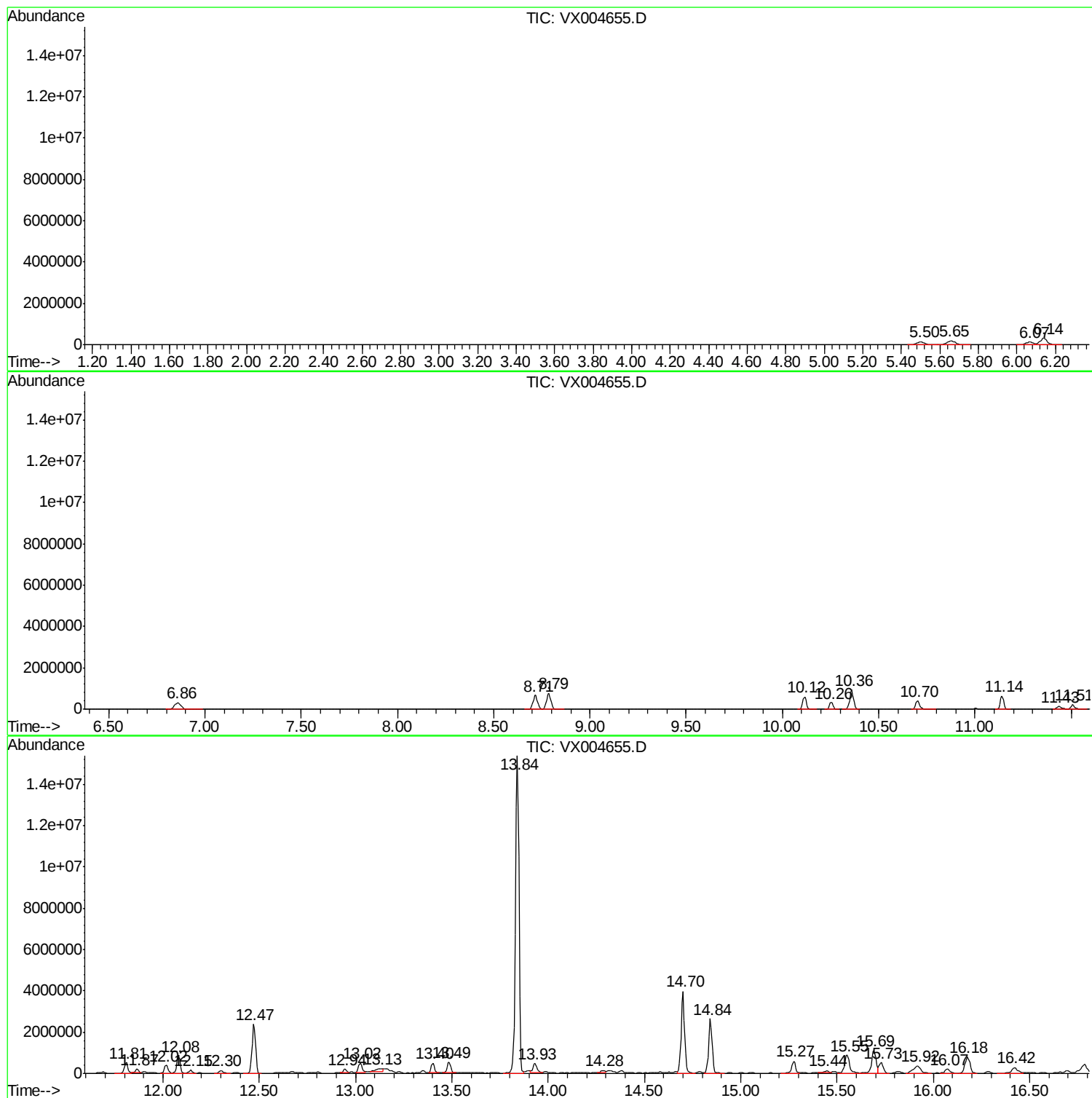
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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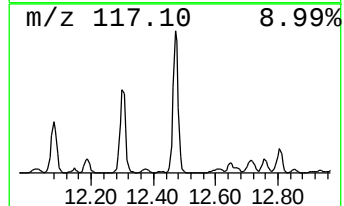
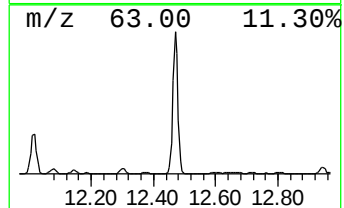
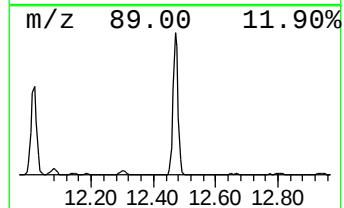
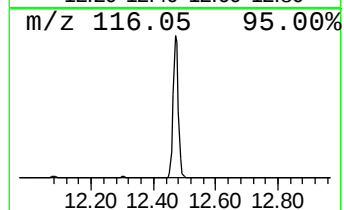
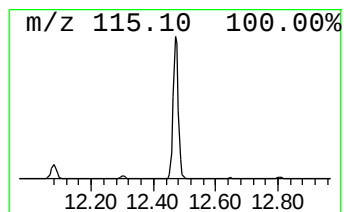
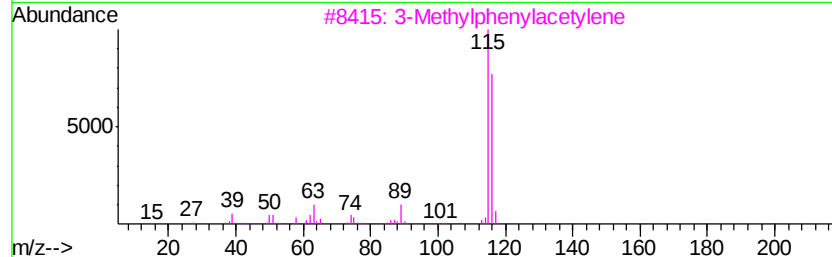
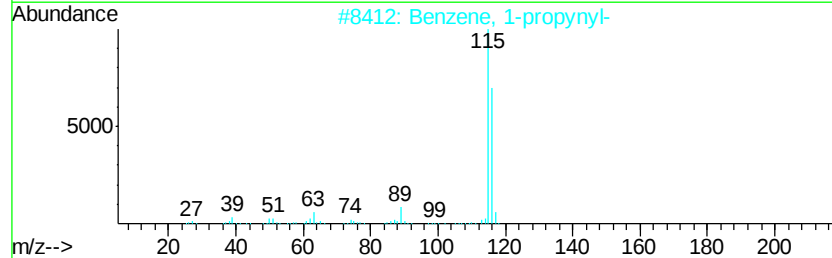
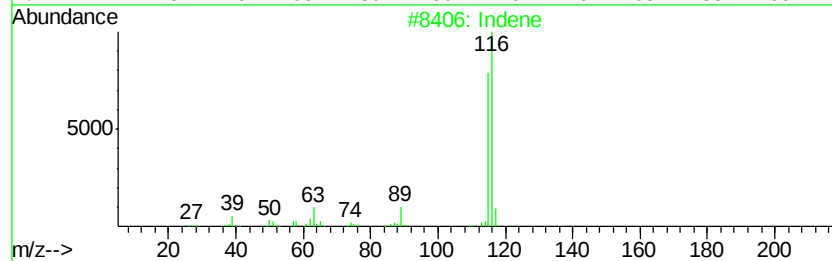
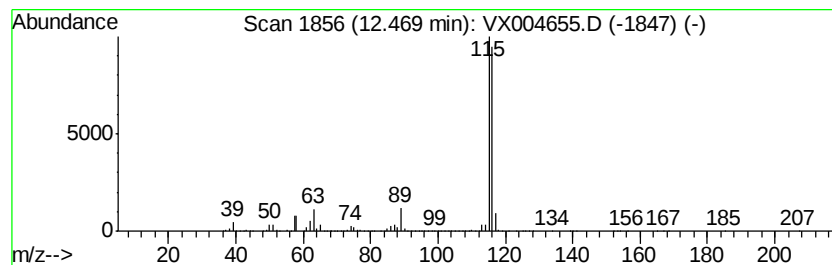
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	138.53 ug/l	2897860	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indene		116 C9H8	000095-13-6 97
2	Benzene, 1-propynyl-		116 C9H8	000673-32-5 94
3	3-Methylphenylacetylene		116 C9H8	000766-82-5 91
4	Benzene, 1-ethynyl-4-methyl-		116 C9H8	000766-97-2 91
5	1-Propyne, 3-phenyl-		116 C9H8	010147-11-2 90



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Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

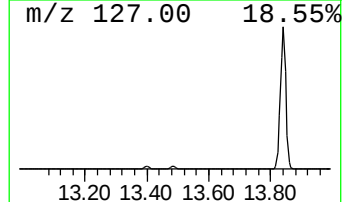
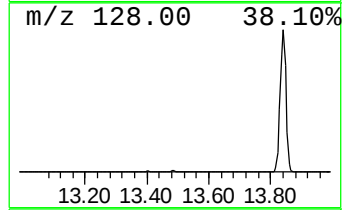
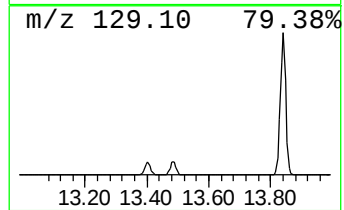
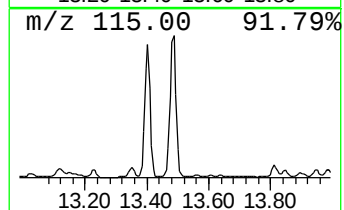
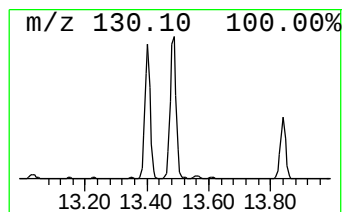
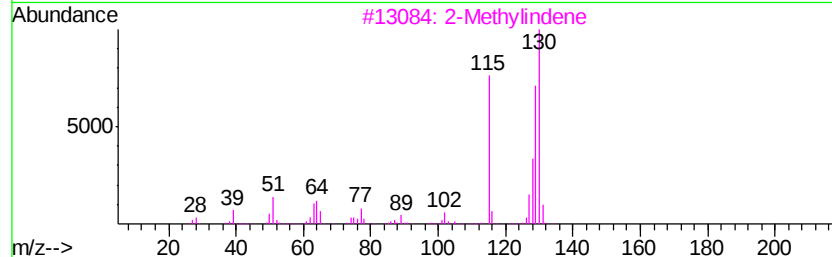
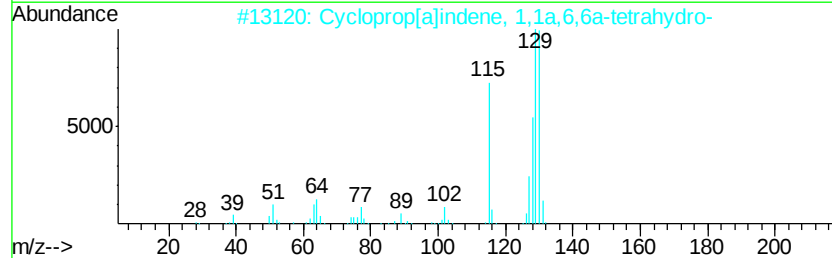
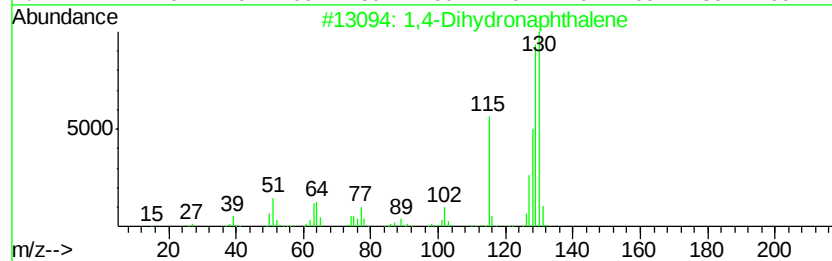
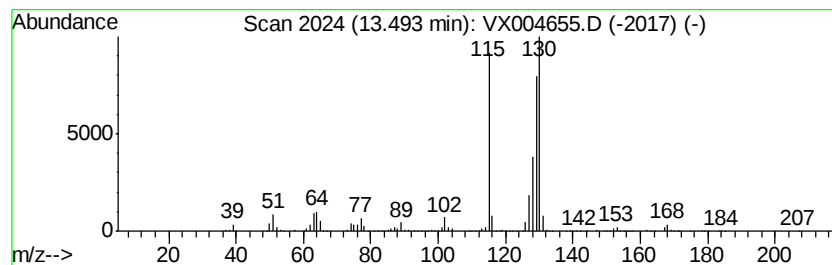
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,4-Dihydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	33.12 ug/l	692727	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3		2-Methylindene	130	C10H10	002177-47-1	94
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93



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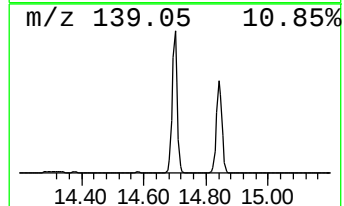
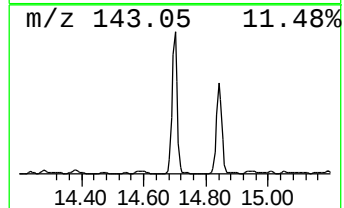
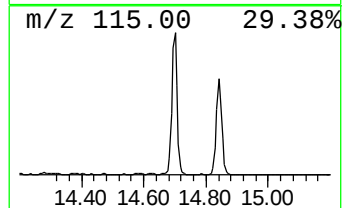
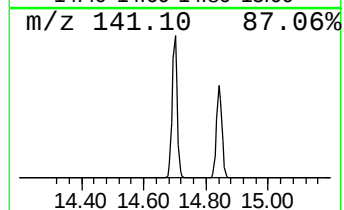
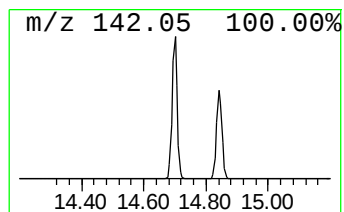
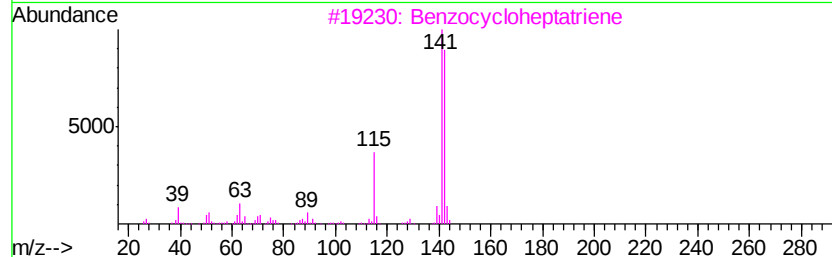
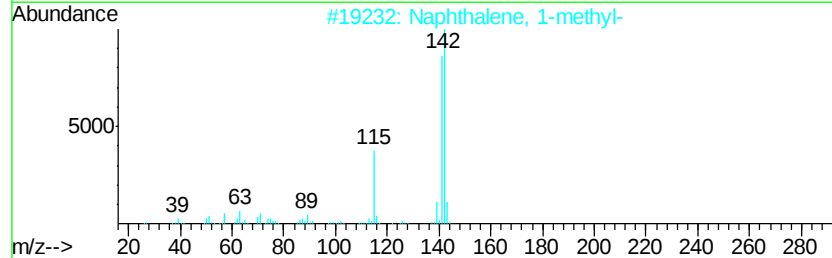
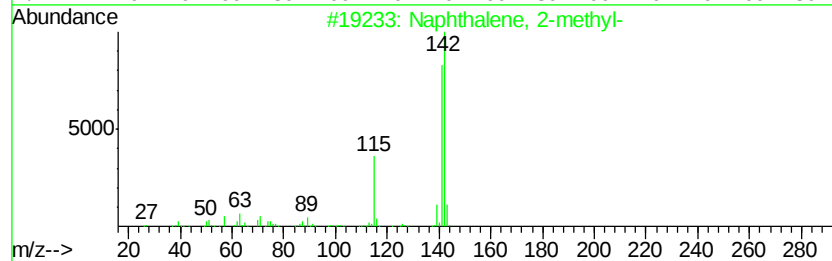
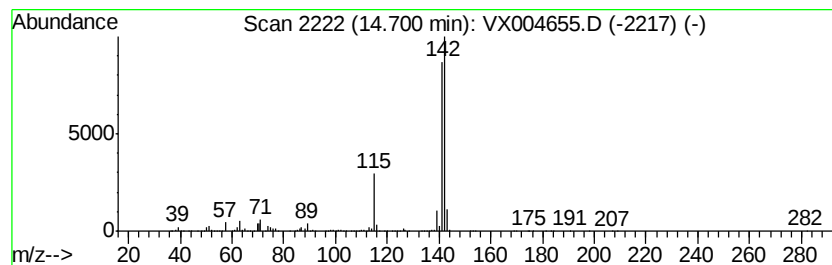
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	238.54 ug/l	4989870	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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



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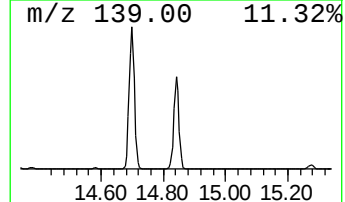
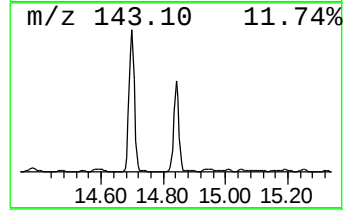
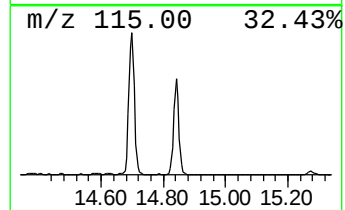
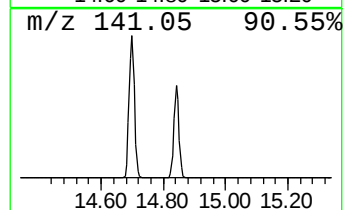
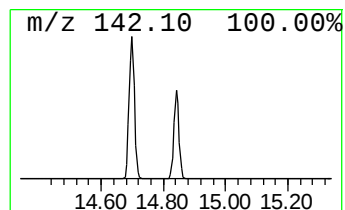
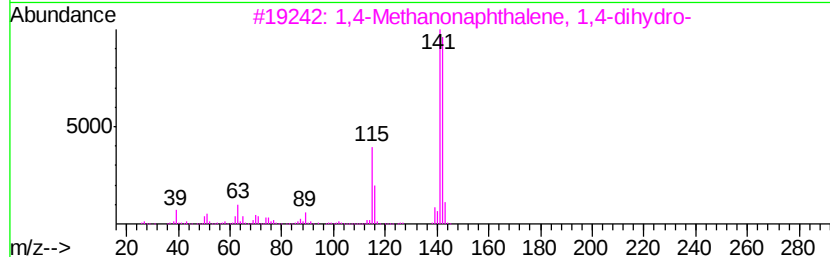
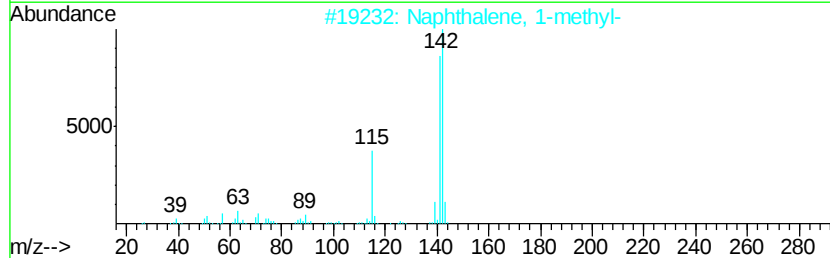
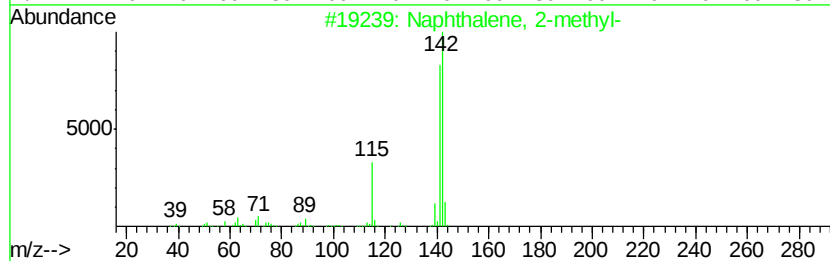
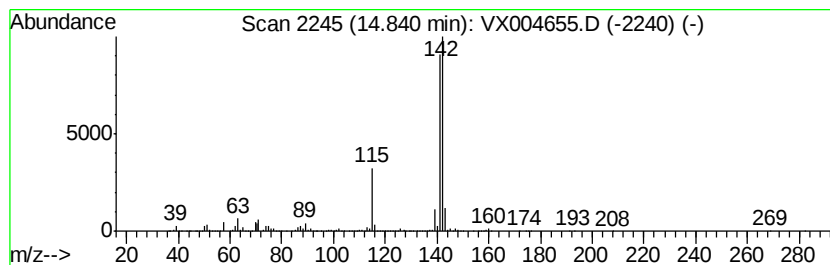
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	160.03 ug/l	3347650	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		3-Indolecarbonitrile	142	C9H6N2	005457-28-3	46



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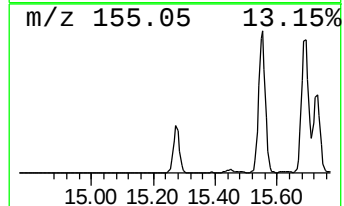
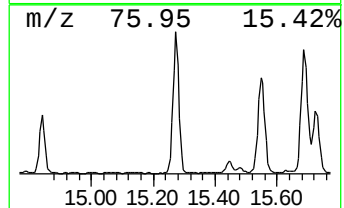
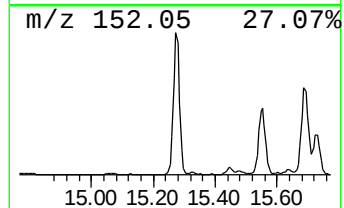
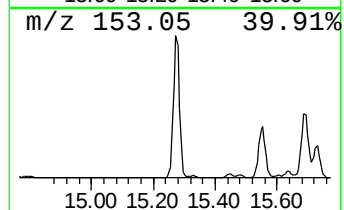
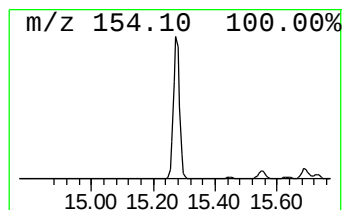
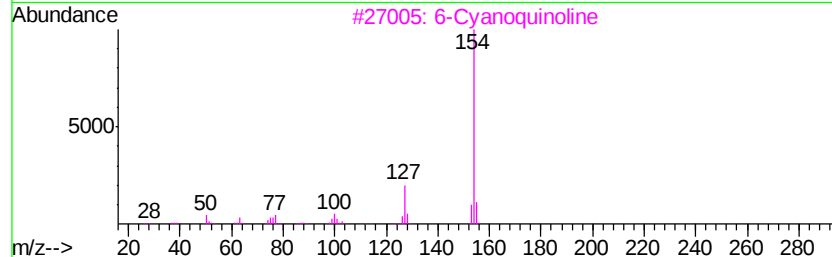
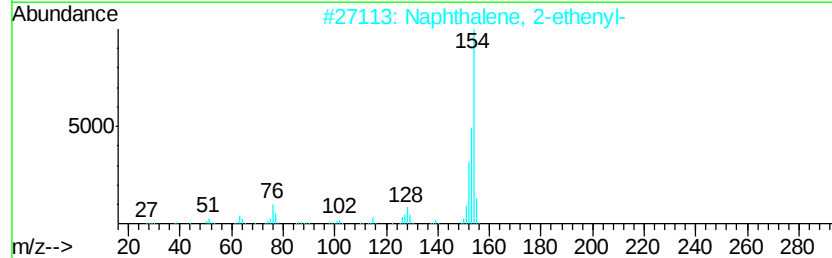
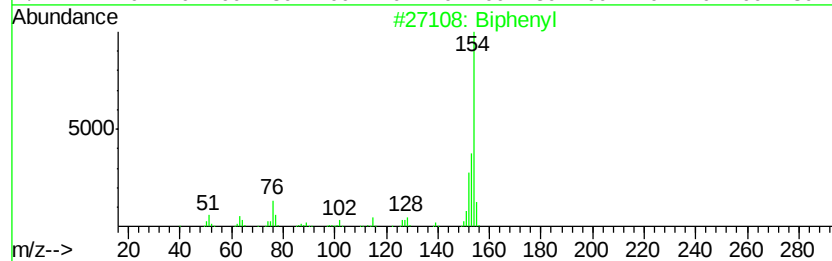
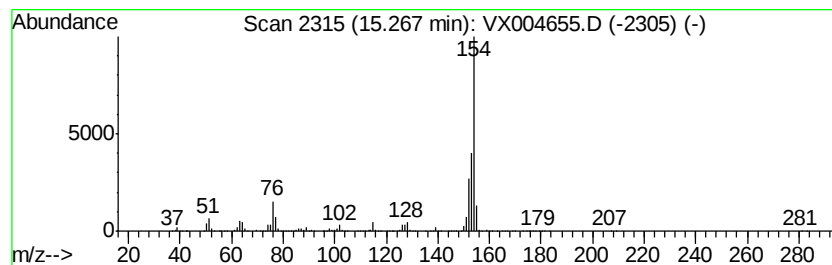
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	38.60 ug/l	807437	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	87
3	6-Cyanoquinoline		154	C10H6N2	023395-72-4	49
4	Acenaphthene		154	C12H10	000083-32-9	47
5	3-Quinolinecarbonitrile		154	C10H6N2	034846-64-5	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004655.D
Acq On : 18 Sep 2018 14:02
Operator : JC/MD
Sample : J4898-02 5X
Misc : 9.01µL/5mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

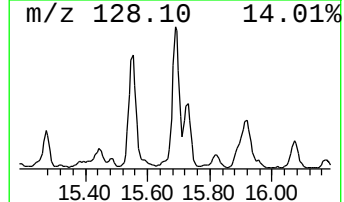
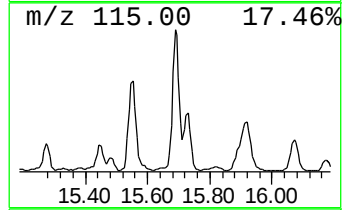
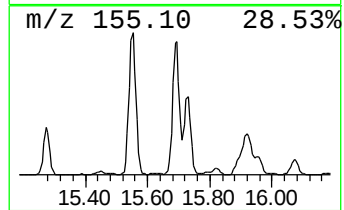
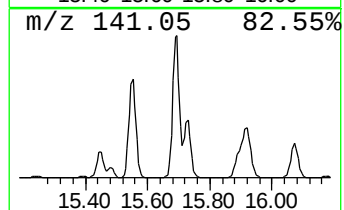
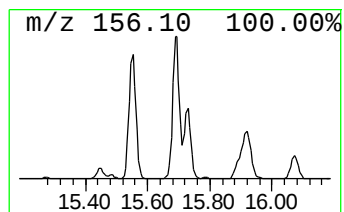
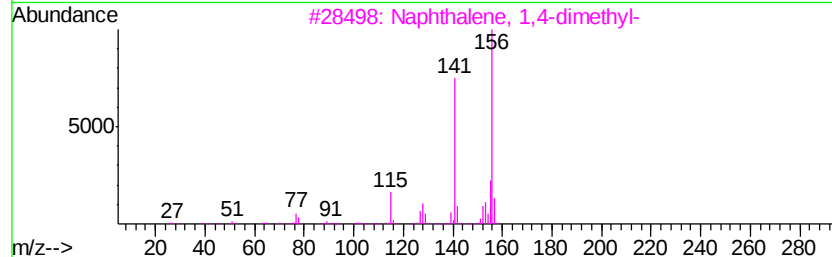
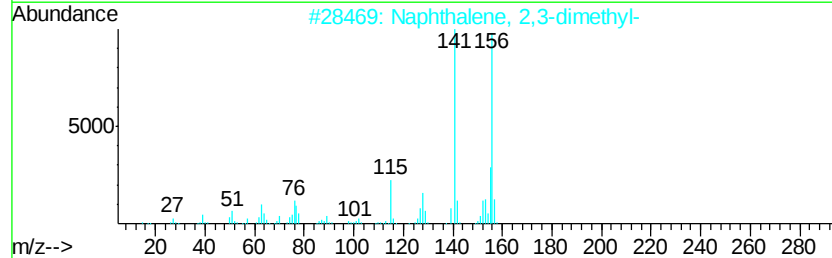
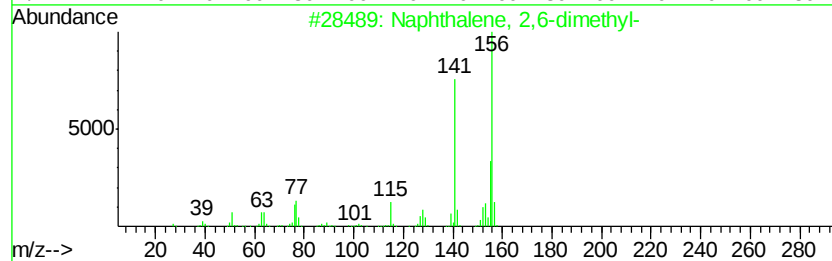
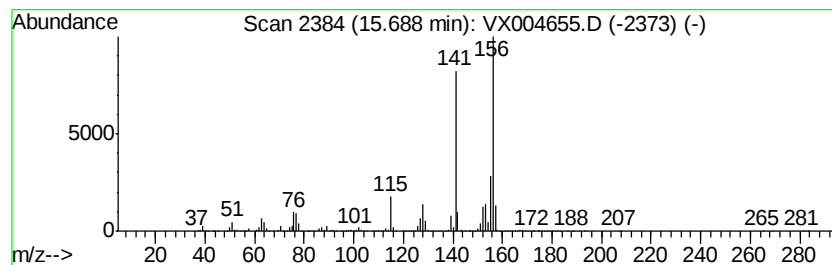
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ClientSampleId :
ROLLOFF02-COMP-FILL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	87.15 ug/l	1822990	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004655.D
Acq On : 18 Sep 2018 14:02
Operator : JC/MD
Sample : J4898-02 5X
Misc : 9.01µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

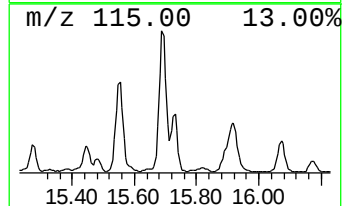
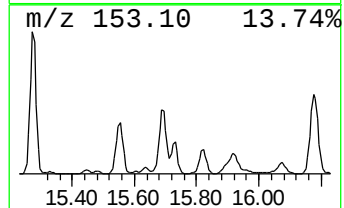
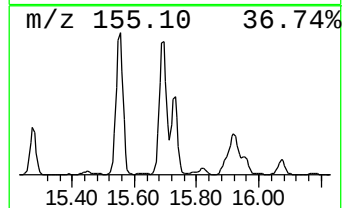
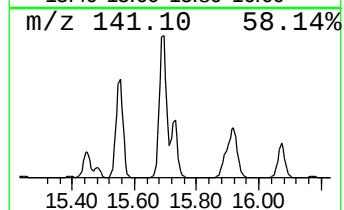
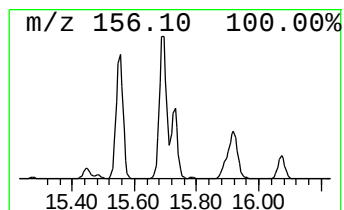
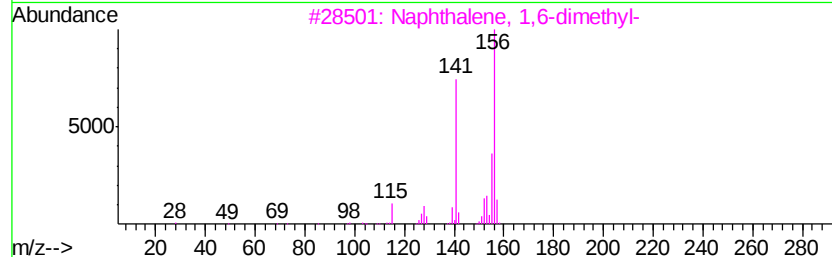
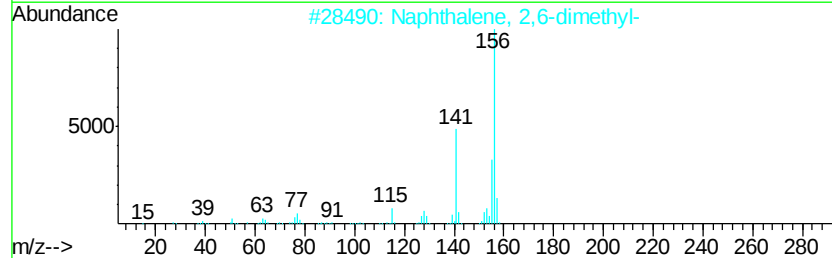
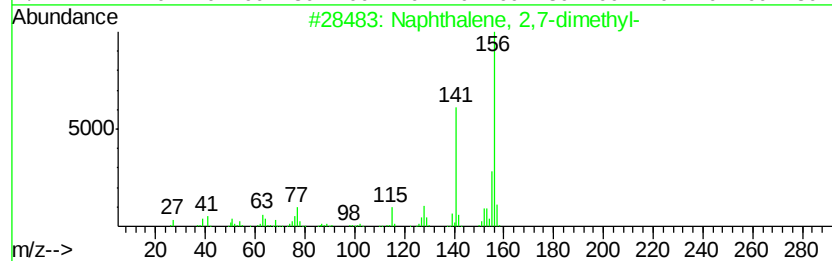
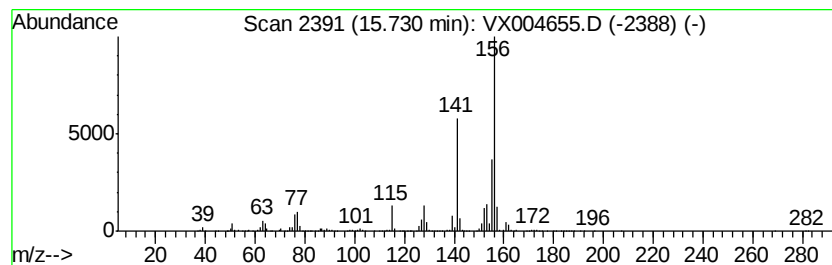
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	35.49 ug/l	742302	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004655.D
Acq On : 18 Sep 2018 14:02
Operator : JC/MD
Sample : J4898-02 5X
Misc : 9.01µL/5mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

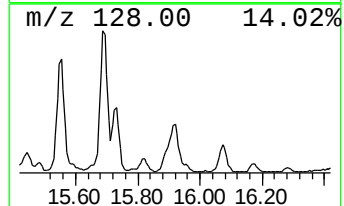
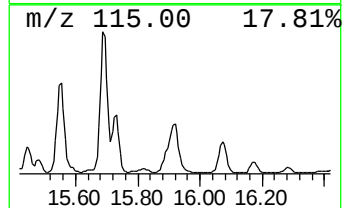
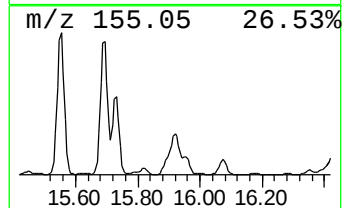
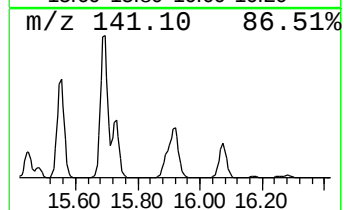
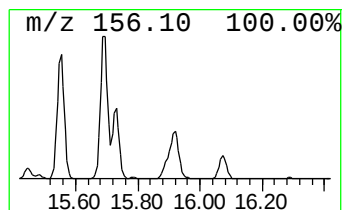
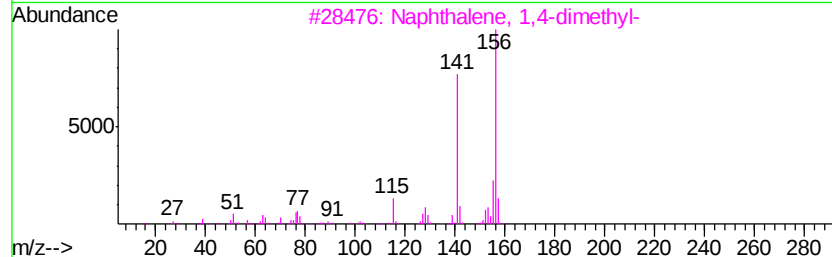
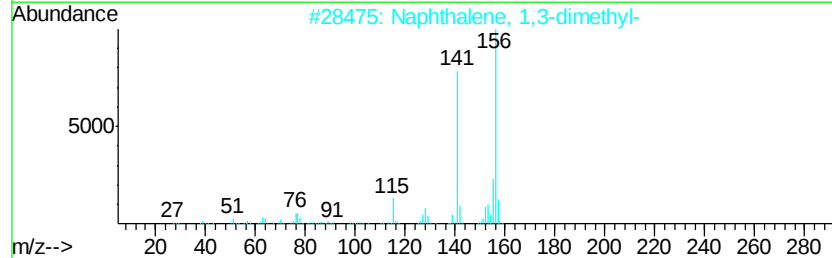
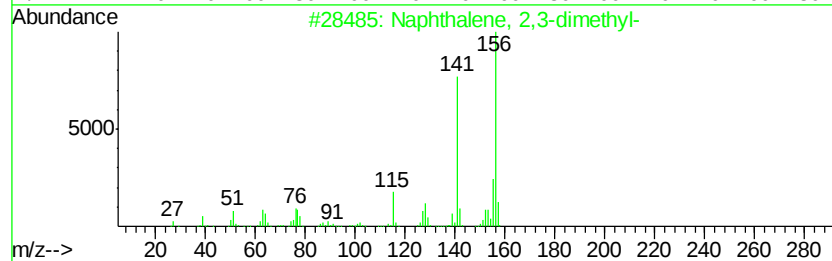
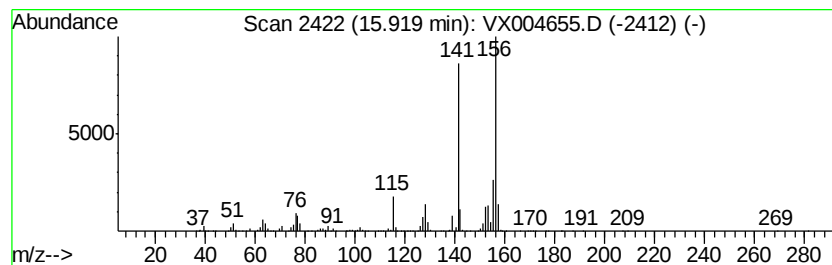
Instrument :
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ClientSampleID :
ROLLOFF02-COMP-FILL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.92	44.28 ug/l	926352	1,4-Dichlorobenzene-d4	12.08	
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	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004655.D
Acq On : 18 Sep 2018 14:02
Operator : JC/MD
Sample : J4898-02 5X
Misc : 9.01µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

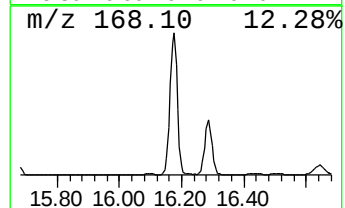
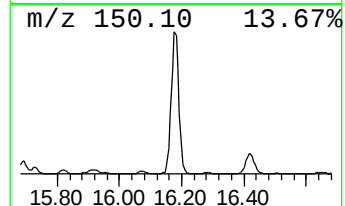
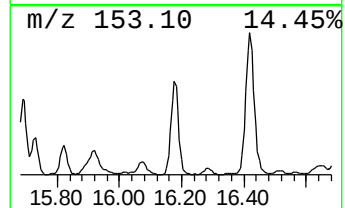
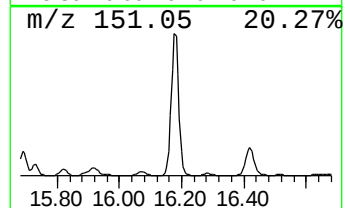
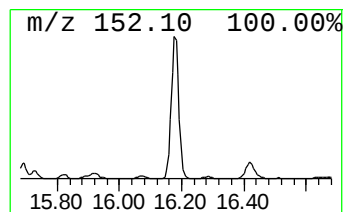
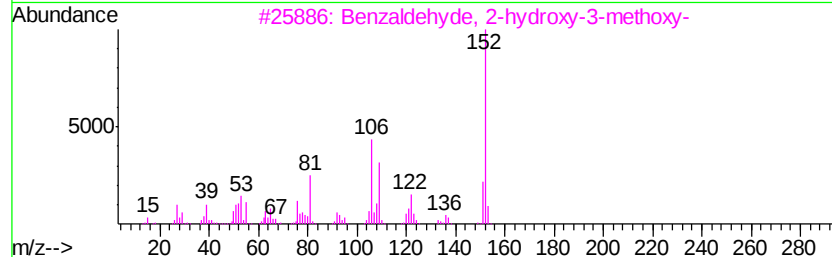
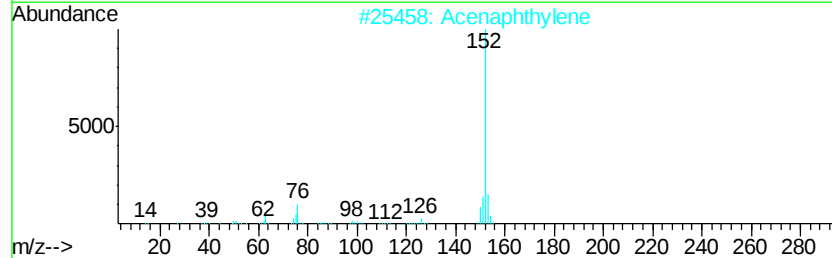
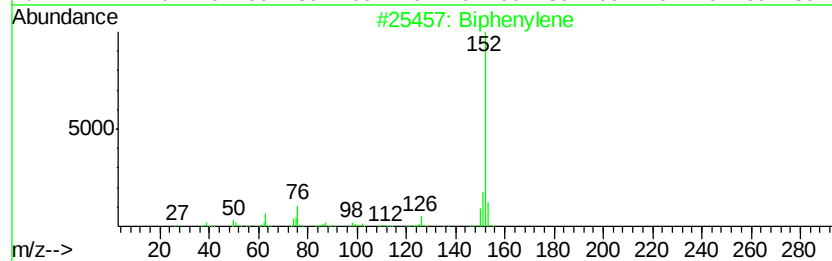
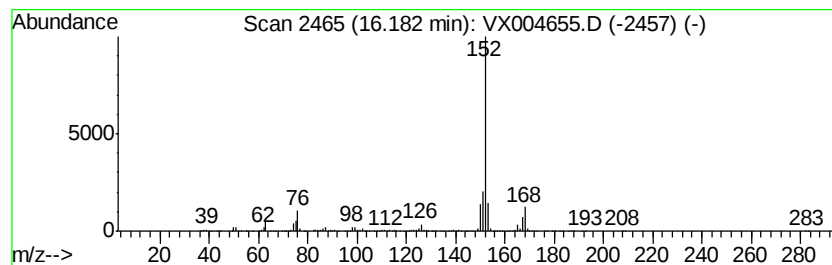
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	65.30 ug/l	1366050	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Biphenylene	152 C12H8	000259-79-0	90
2	Acenaphthylene	152 C12H8	000208-96-8	90
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152 C8H8O3	000148-53-8	53
4	5,6-Dihydro-4-methylthieno(2,3-d...	152 C7H8N2S	092204-06-3	50
5	1-acenaphthenol, trifluoroacetat...	266 C14H9F3O2	1000376-45-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004655.D
Acq On : 18 Sep 2018 14:02
Operator : JC/MD
Sample : J4898-02 5X
Misc : 9.01g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	12.47	138.5	ug/l	2897860	4	12.08	1045940	50.0
1,4-Dihydronaphth...	13.49	33.1	ug/l	692727	4	12.08	1045940	50.0
Naphthalene, 1-me...	14.70	238.5	ug/l	4989870	4	12.08	1045940	50.0
Naphthalene, 2-me...	14.84	160.0	ug/l	3347650	4	12.08	1045940	50.0
Biphenyl	15.27	38.6	ug/l	807437	4	12.08	1045940	50.0
Naphthalene, 2,6-...	15.69	87.2	ug/l	1822990	4	12.08	1045940	50.0
Naphthalene, 2,7-...	15.73	35.5	ug/l	742302	4	12.08	1045940	50.0
Naphthalene, 2,3-...	15.92	44.3	ug/l	926352	4	12.08	1045940	50.0
Biphenylene	16.18	65.3	ug/l	1366050	4	12.08	1045940	50.0