

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004538.D
 Acq On : 14 Sep 2018 14:27
 Operator : JC/MD
 Sample : J4892-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-091218

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	1.331	21	29	39	rBV2	219370	819238	3.45%	0.595%
2	1.788	99	104	120	rVB	227831	347187	1.46%	0.252%
3	4.397	522	532	544	rVB2	135803	401815	1.69%	0.292%
4	5.501	697	713	721	rBV	177936	547630	2.30%	0.398%
5	5.665	732	740	770	rVB2	260590	962900	4.05%	0.699%
6	6.068	796	806	815	rBV2	187517	489032	2.06%	0.355%
7	6.342	826	851	863	rBV2	112980	515114	2.17%	0.374%
8	6.860	927	936	944	rBV	355316	850129	3.58%	0.617%
9	7.458	1021	1034	1047	rBV4	88054	242889	1.02%	0.176%
10	8.720	1235	1241	1246	rVB	849099	1341084	5.64%	0.974%
11	8.787	1246	1252	1259	rBV	1865563	2807105	11.81%	2.039%
12	10.116	1464	1470	1476	rBV	729655	977078	4.11%	0.710%
13	10.256	1487	1493	1503	rBV	9504574	12275458	51.66%	8.916%
14	10.366	1504	1511	1527	rVB	17888171	23763776	100.00%	17.260%
15	10.701	1560	1566	1580	rVB	9760129	12017027	50.57%	8.728%
16	11.018	1613	1618	1632	rBV	920857	1167694	4.91%	0.848%
17	11.140	1632	1638	1643	rBV	764036	965293	4.06%	0.701%
18	11.359	1666	1674	1681	rBV	1152084	1357363	5.71%	0.986%
19	11.439	1681	1687	1688	rVV	2400928	3220429	13.55%	2.339%
20	11.457	1688	1690	1694	rVV	2976956	3155686	13.28%	2.292%
21	11.506	1694	1698	1707	rVB	4383921	5313166	22.36%	3.859%
22	11.670	1719	1725	1733	rBV	2256237	2791094	11.75%	2.027%
23	11.811	1743	1748	1753	rVB	13704001	15880377	66.83%	11.534%
24	12.024	1777	1783	1787	rBV	342074	431649	1.82%	0.314%
25	12.079	1787	1792	1797	rVB2	995788	1348582	5.67%	0.979%
26	12.146	1797	1803	1808	rBV	3982962	4817271	20.27%	3.499%
27	12.298	1823	1828	1831	rBV	2683889	3476006	14.63%	2.525%
28	12.371	1836	1840	1847	rVB2	1458853	2115326	8.90%	1.536%
29	12.463	1847	1855	1860	rBV3	257263	403194	1.70%	0.293%
30	12.518	1860	1864	1870	rVB	551447	667171	2.81%	0.485%
31	12.585	1870	1875	1877	rBV	865522	1064923	4.48%	0.773%
32	12.609	1877	1879	1884	rVV	839958	1000266	4.21%	0.727%
33	12.670	1884	1889	1892	rVV	1342557	1539687	6.48%	1.118%
34	12.756	1898	1903	1911	rBV3	731838	1340973	5.64%	0.974%

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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 >
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Title : SW846 8260

35	12.902	1923	1927	1932	rVB2	538795	702706	2.96%	0.510%
36	12.981	1932	1940	1943	rBV	985645	1329448	5.59%	0.966%
37	13.018	1943	1946	1953	rVB	1617337	1978312	8.32%	1.437%
38	13.085	1953	1957	1962	rBV3	139305	316853	1.33%	0.230%
39	13.225	1977	1980	1984	rVB	507916	579752	2.44%	0.421%
40	13.310	1990	1994	1996	rBV2	179460	268862	1.13%	0.195%
41	13.347	1996	2000	2005	rVB2	2535059	3403912	14.32%	2.472%
42	13.481	2017	2022	2030	rVB	1278511	1617023	6.80%	1.174%
43	13.639	2044	2048	2054	rBV3	310528	549411	2.31%	0.399%
44	13.725	2059	2062	2067	rVB2	287759	447930	1.88%	0.325%
45	13.835	2072	2080	2087	rVB	4521363	5703861	24.00%	4.143%
46	13.914	2087	2093	2098	rVB2	264050	394900	1.66%	0.287%
47	13.987	2098	2105	2109	rBV2	337663	491006	2.07%	0.357%
48	14.286	2147	2154	2162	rVB2	481404	867961	3.65%	0.630%
49	14.542	2191	2196	2205	rBV2	470525	692576	2.91%	0.503%
50	14.694	2214	2221	2226	rBV	2557495	3465684	14.58%	2.517%
51	14.841	2238	2245	2250	rBV	1971198	2471646	10.40%	1.795%
52	15.548	2356	2361	2367	rBV	324818	504652	2.12%	0.367%
53	15.688	2377	2384	2387	rBV	433135	669976	2.82%	0.487%
54	15.724	2387	2390	2398	rVB	346388	530210	2.23%	0.385%
55	15.920	2413	2422	2432	rVB	104493	281758	1.19%	0.205%

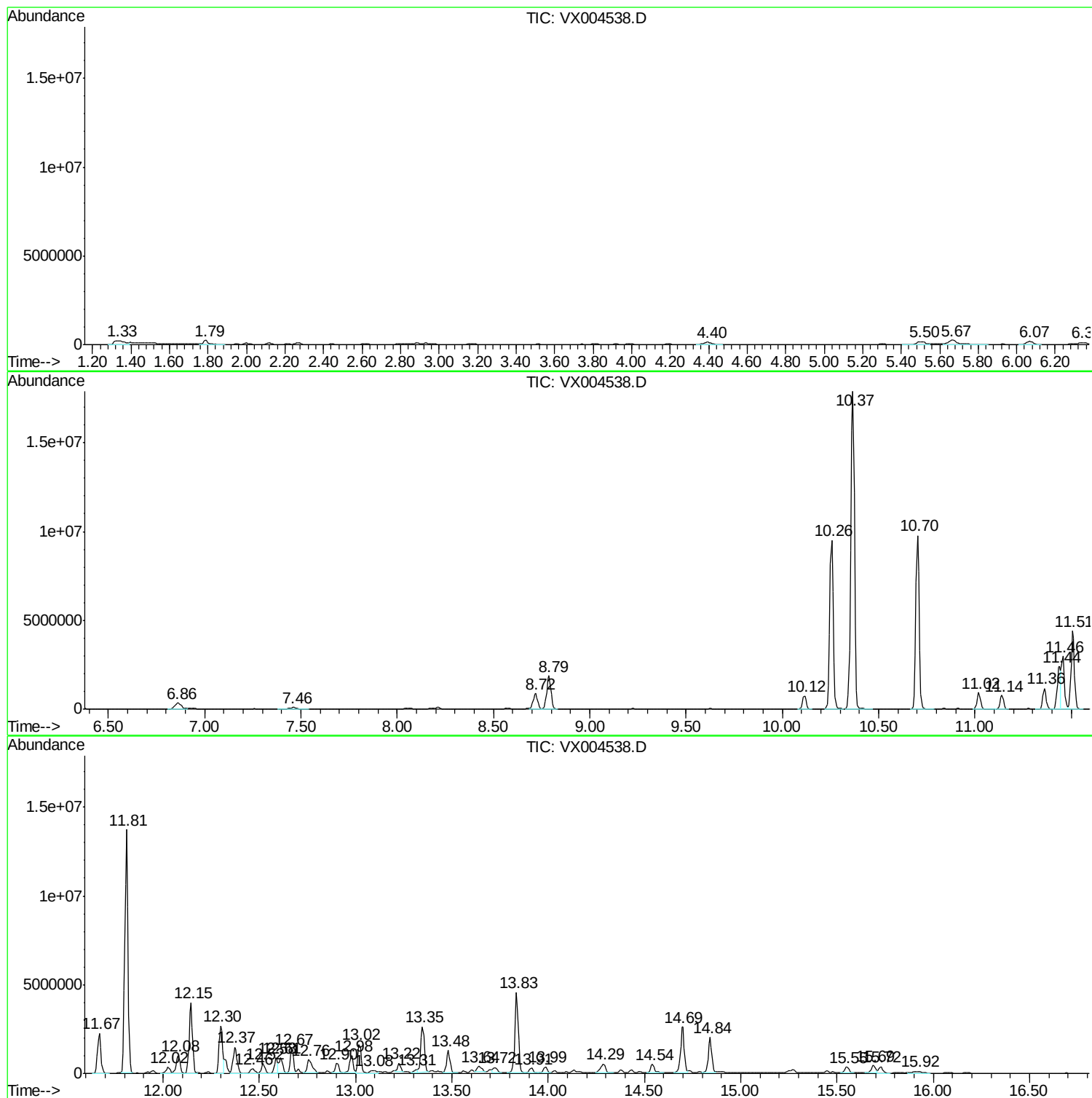
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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



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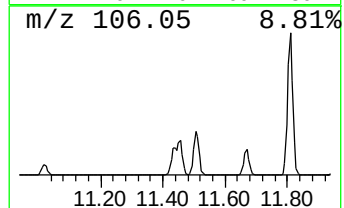
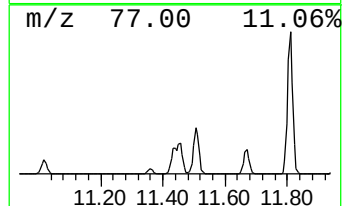
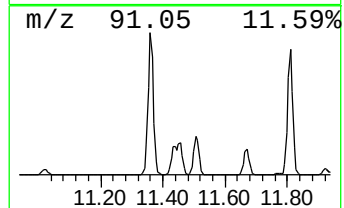
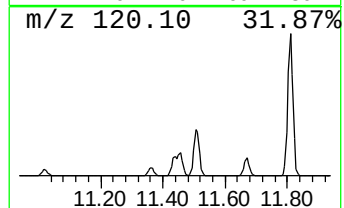
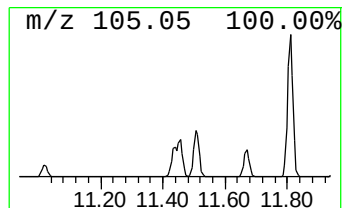
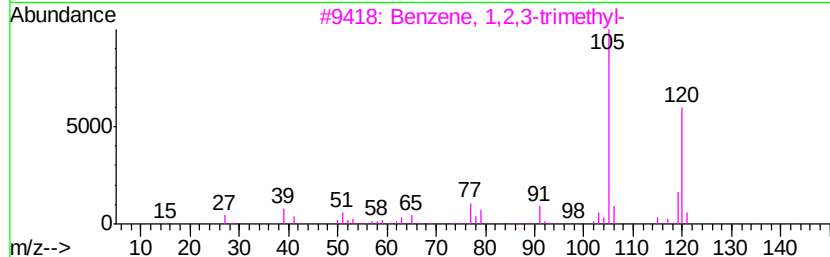
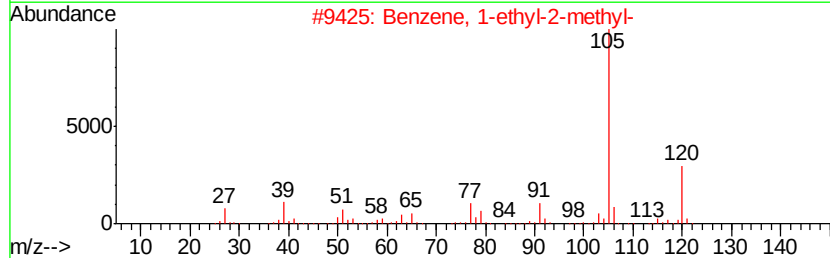
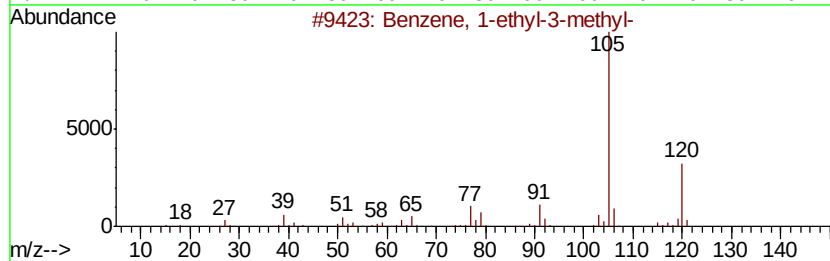
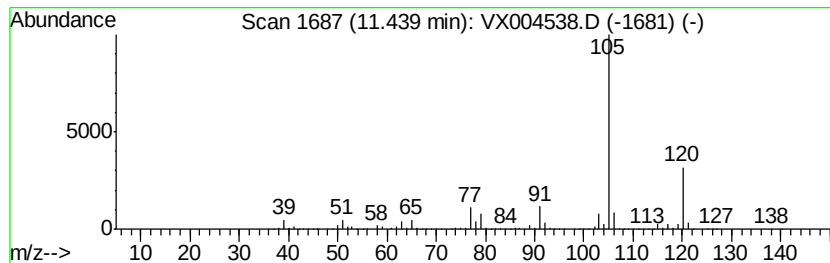
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	119.40 ug/l	3220430	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
4		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91
5		Mesitylene	120 C9H12	000108-67-8 91



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR-MW-01-091218

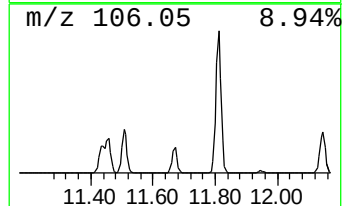
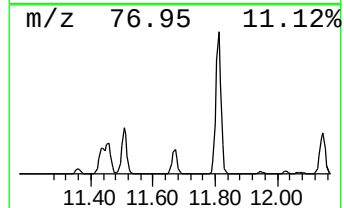
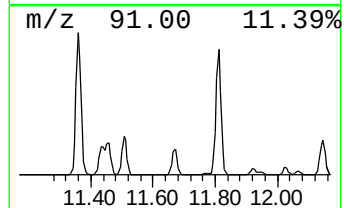
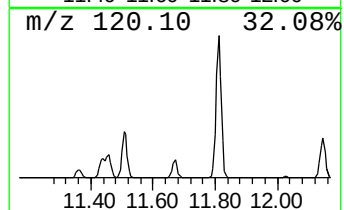
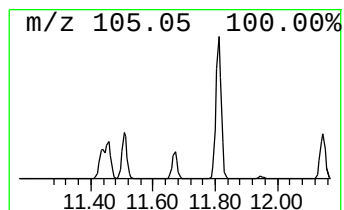
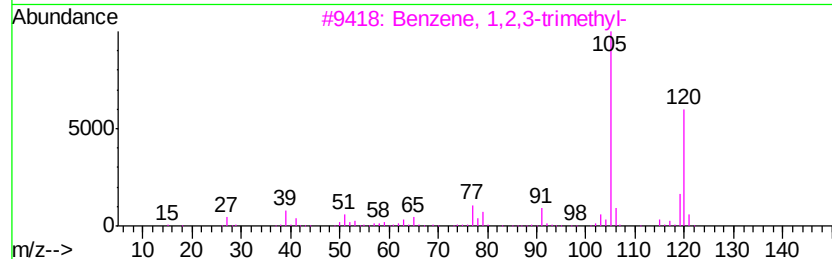
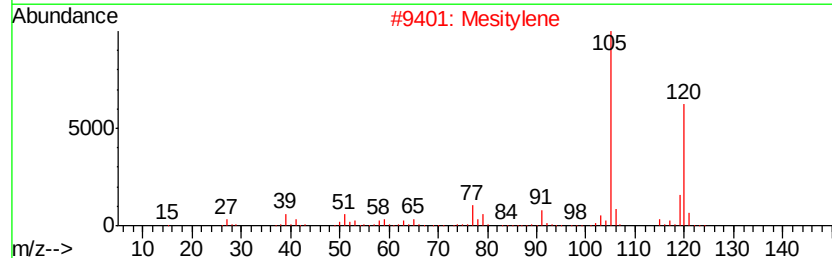
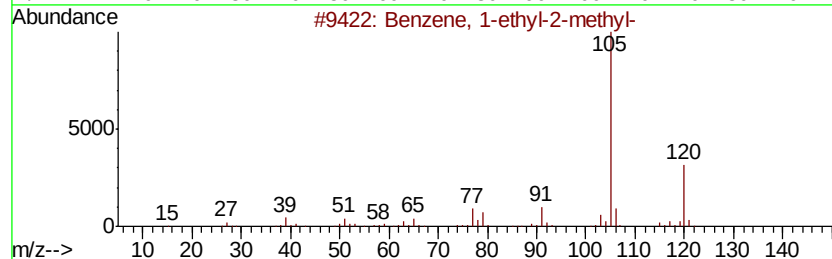
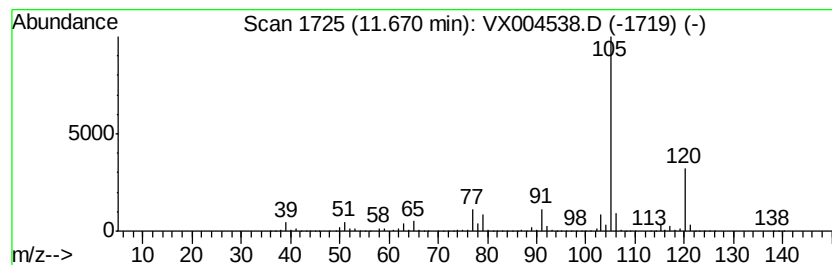
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	103.48 ug/l	2791090	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

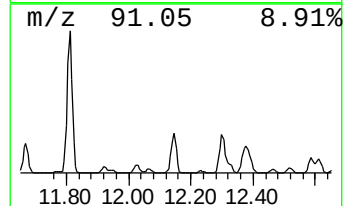
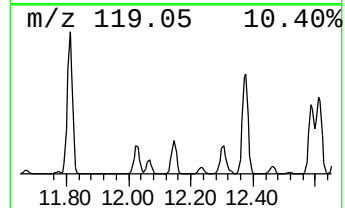
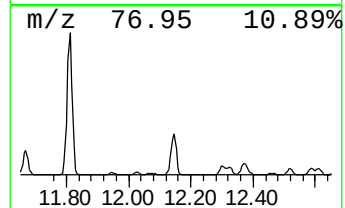
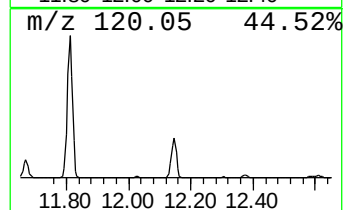
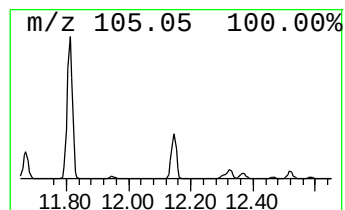
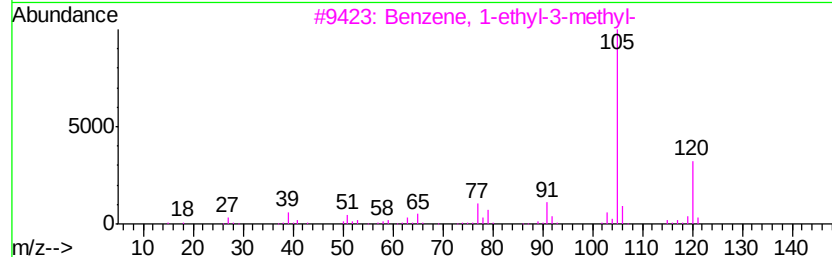
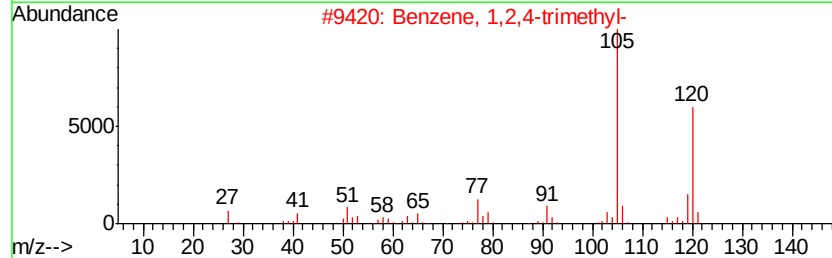
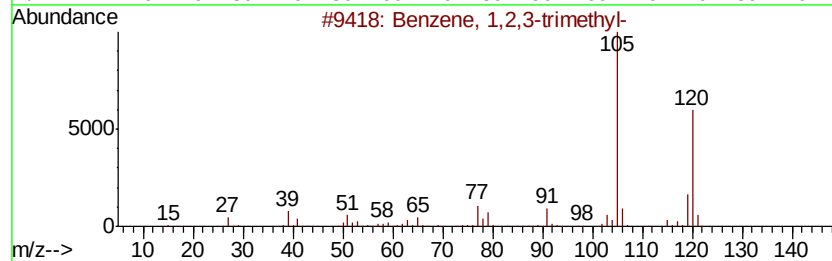
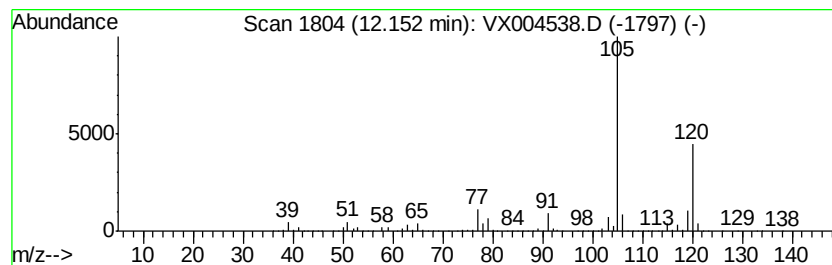
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	178.61 ug/l	4817270	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 95
2		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
3		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 90



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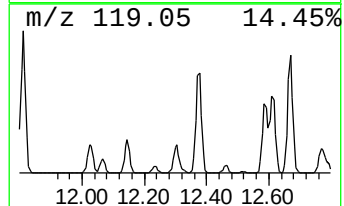
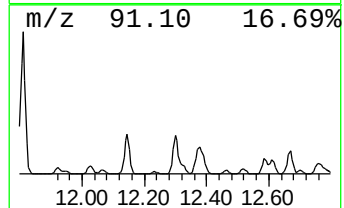
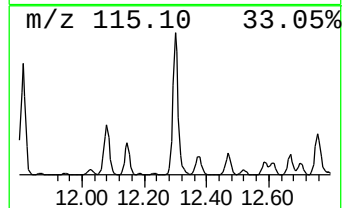
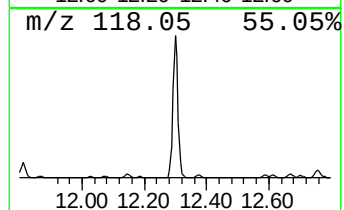
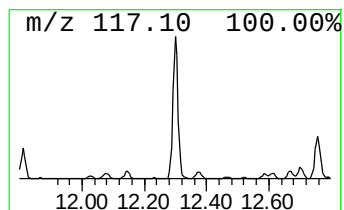
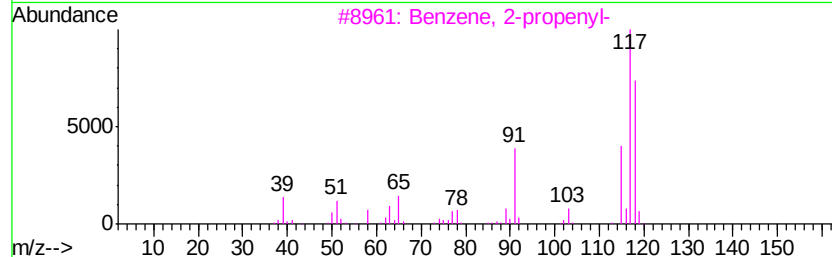
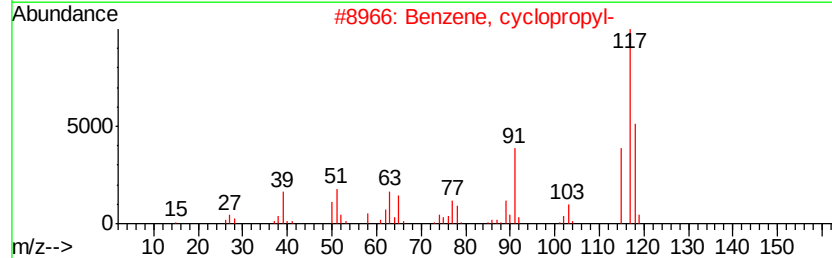
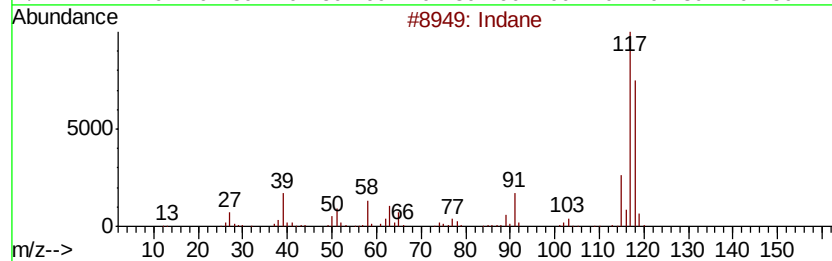
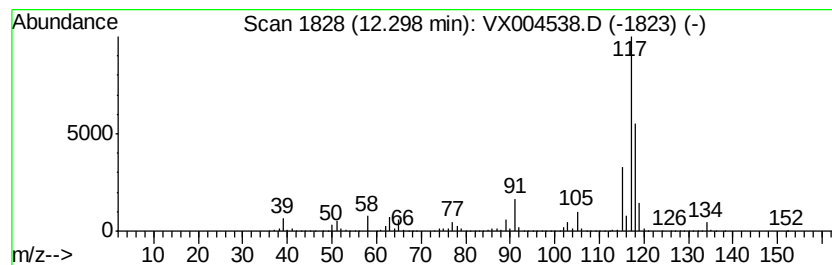
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	128.88 ug/l	3476010	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 76
2	Benzene, cyclopropyl-		118 C9H10	000873-49-4 76
3	Benzene, 2-propenyl-		118 C9H10	000300-57-2 68
4	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 58
5	Deltacyclene		118 C9H10	007785-10-6 58



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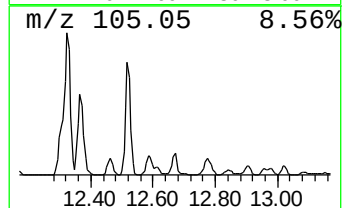
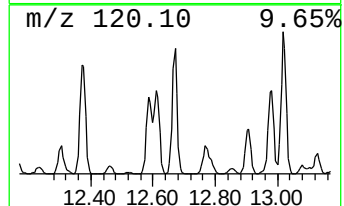
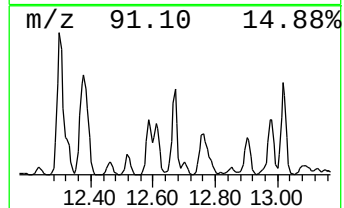
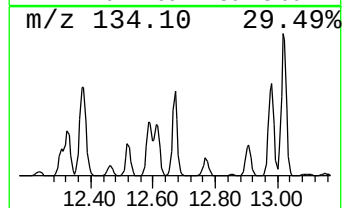
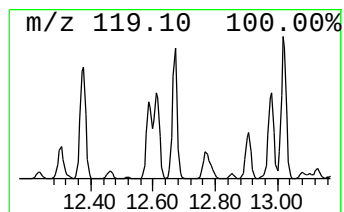
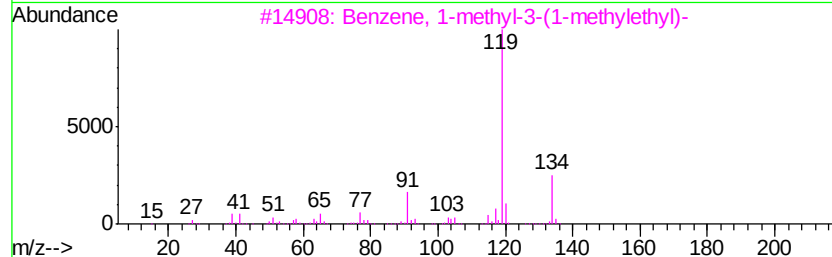
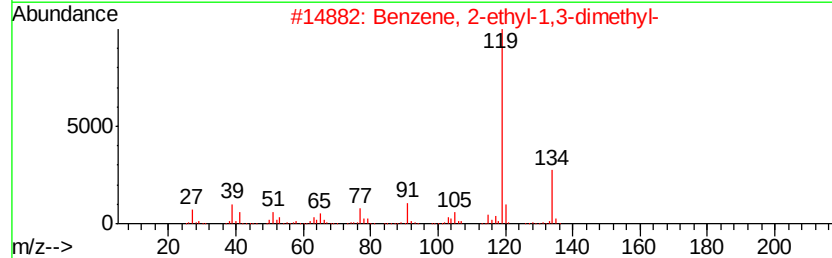
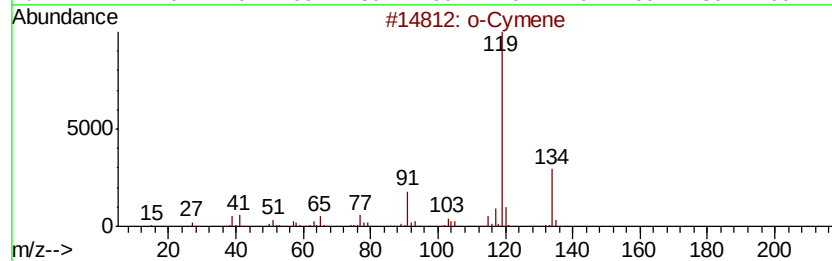
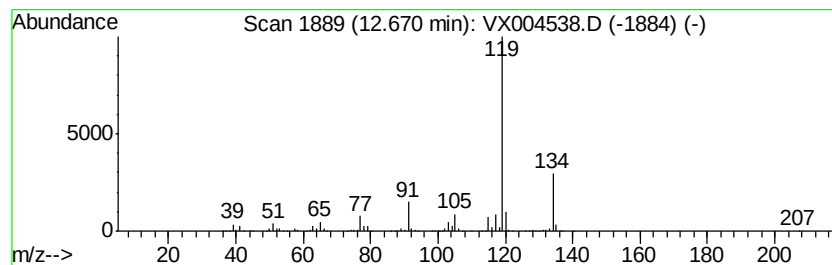
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Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	57.09 ug/l	1539690	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
Operator : JC/MD
Sample : J4892-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

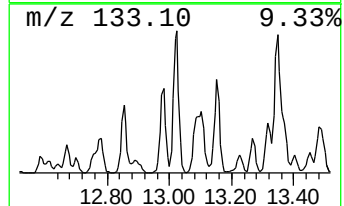
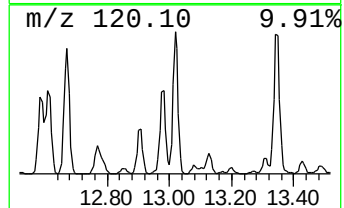
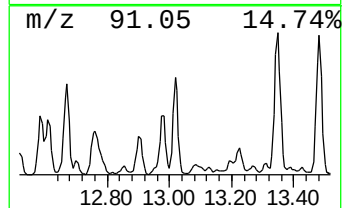
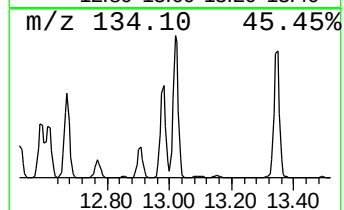
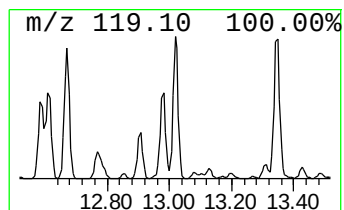
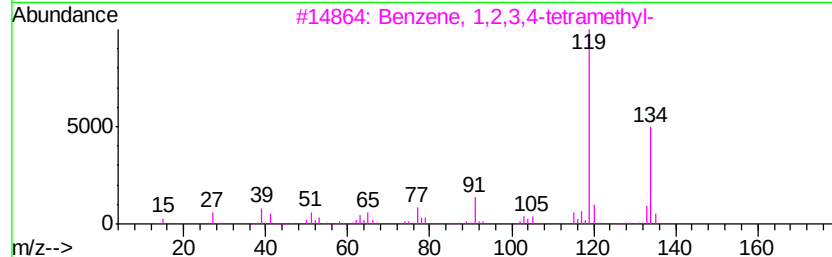
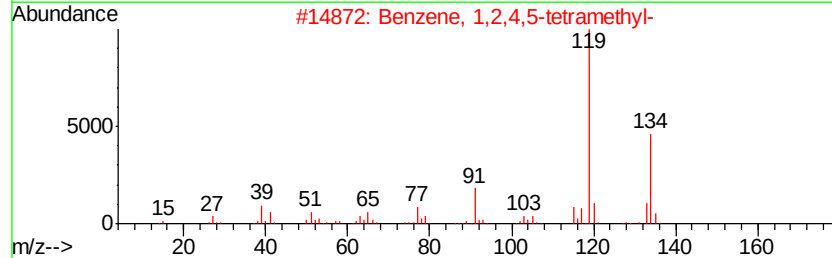
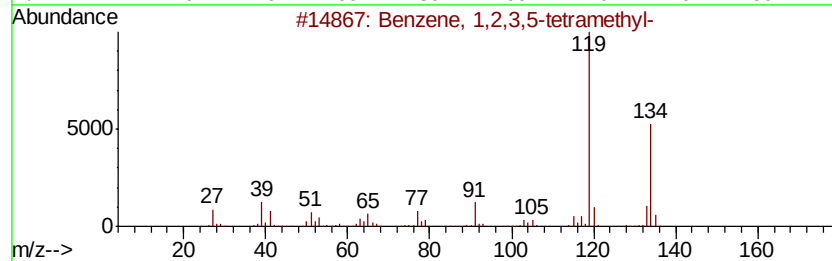
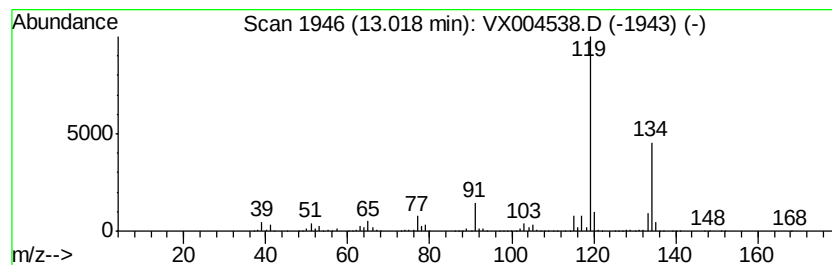
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	73.35 ug/l	1978310	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
Operator : JC/MD
Sample : J4892-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

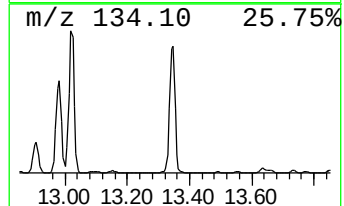
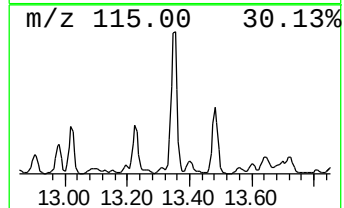
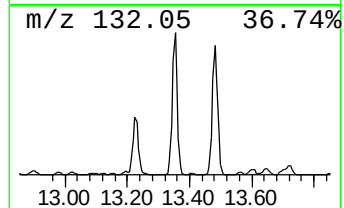
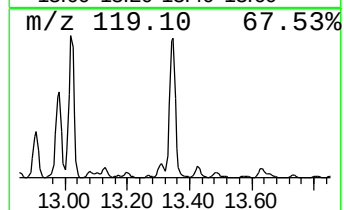
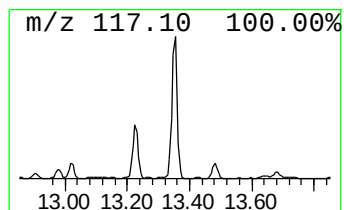
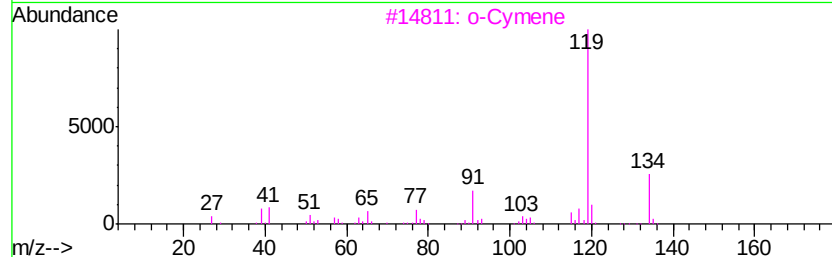
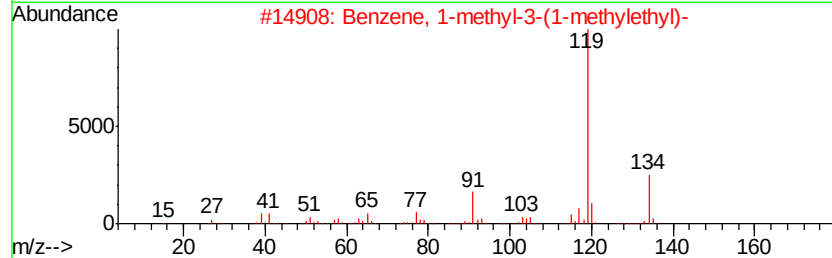
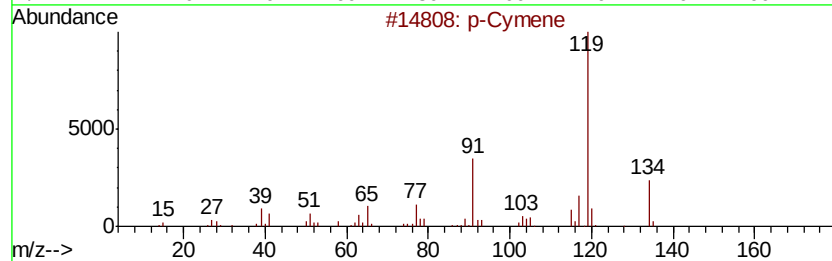
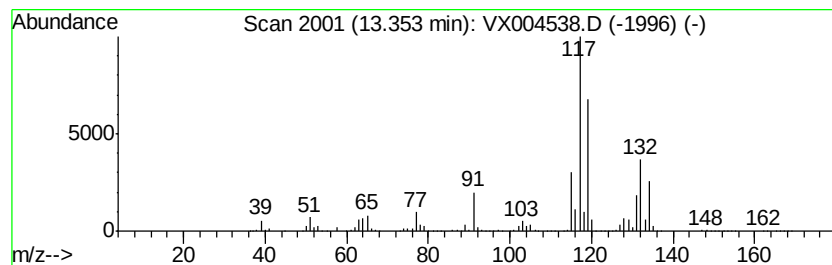
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Quant Title : SW846 8260

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

Peak Number 7 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	126.20 ug/l	3403910	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	60
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3		o-Cymene	134	C10H14	000527-84-4	60
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
Operator : JC/MD
Sample : J4892-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

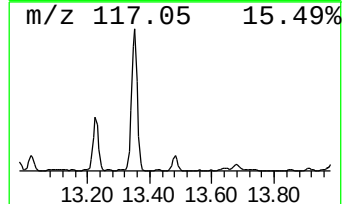
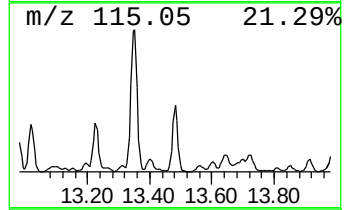
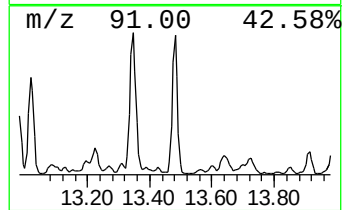
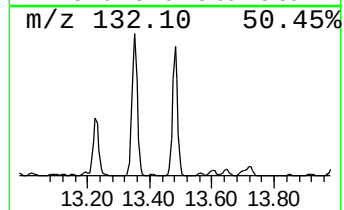
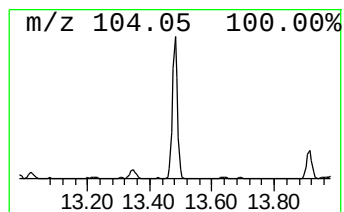
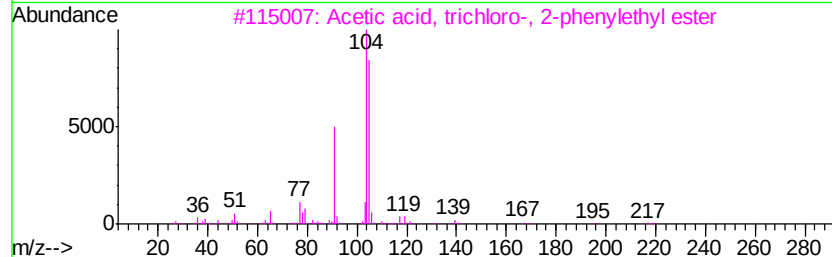
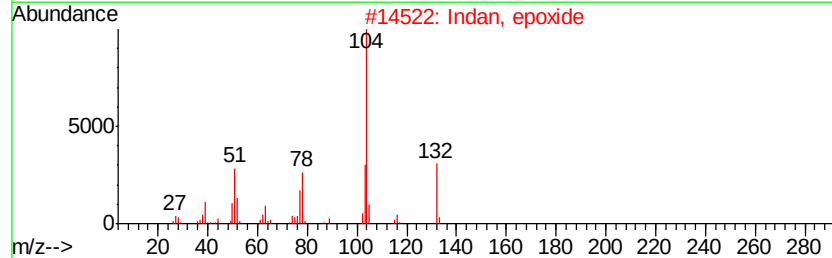
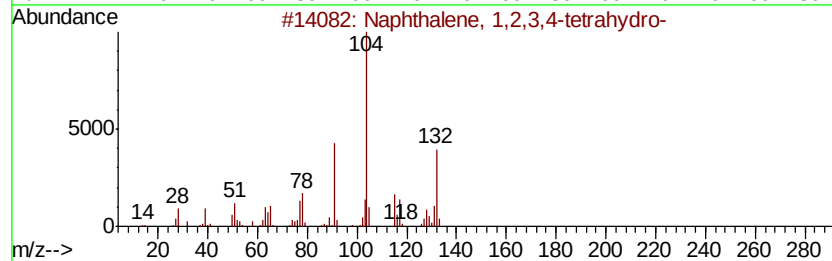
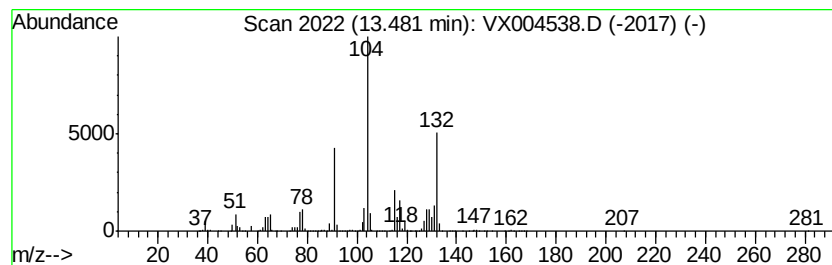
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

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 8 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	59.95 ug/l	1617020	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132 C10H12	000119-64-2 95
2		Indan, epoxide	132 C9H8O	000768-22-9 53
3		Acetic acid, trichloro-, 2-phenyl...	266 C10H9Cl3O2	071965-07-6 35
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132 C8H8N2	034760-58-2 35
5		Acetic acid, trifluoro-, 2-phenyl...	218 C10H9F3O2	055419-66-4 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
Operator : JC/MD
Sample : J4892-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

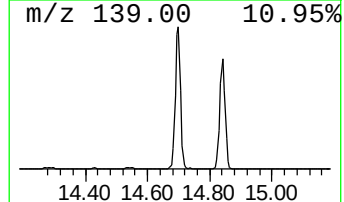
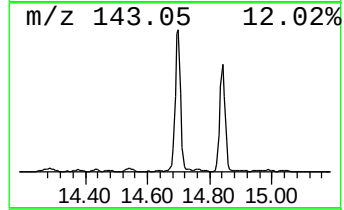
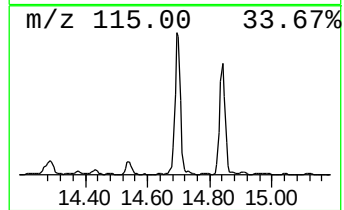
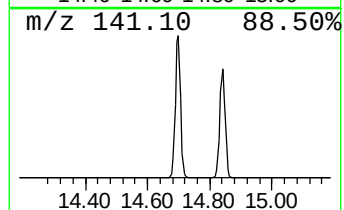
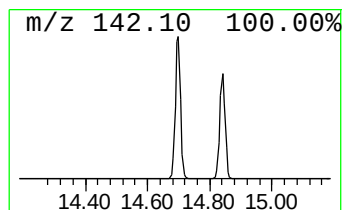
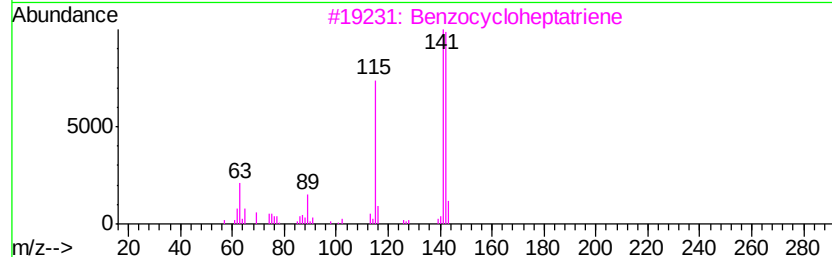
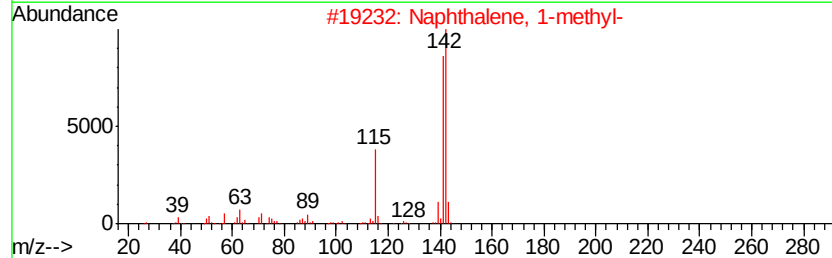
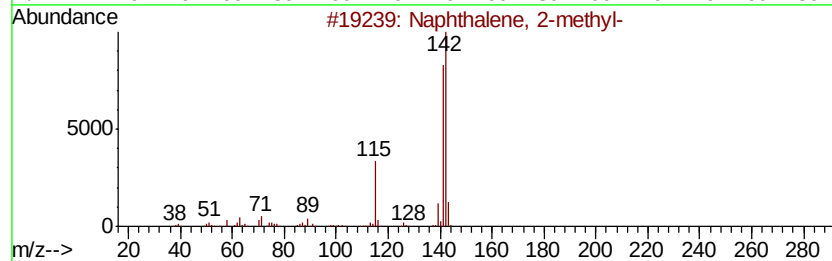
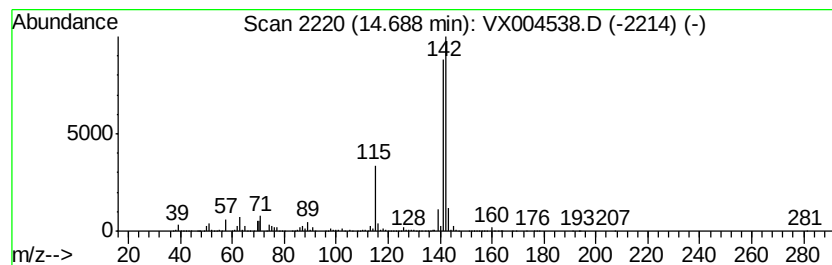
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

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, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	128.49 ug/l	3465680	1,4-Dichlorobenzene-d4	12.08
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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
Operator : JC/MD
Sample : J4892-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

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
Benzene, 1-ethyl-...	11.44	119.4	ug/l	3220430	4	12.08	1348580	50.0
Benzene, 1-ethyl-...	11.67	103.5	ug/l	2791090	4	12.08	1348580	50.0
Benzene, 1,2,3-tr...	12.15	178.6	ug/l	4817270	4	12.08	1348580	50.0
Indane	12.30	128.9	ug/l	3476010	4	12.08	1348580	50.0
o-Cymene	12.67	57.1	ug/l	1539690	4	12.08	1348580	50.0
Benzene, 1,2,3,5-...	13.02	73.3	ug/l	1978310	4	12.08	1348580	50.0
p-Cymene	13.35	126.2	ug/l	3403910	4	12.08	1348580	50.0
Naphthalene, 1,2,...	13.48	60.0	ug/l	1617020	4	12.08	1348580	50.0
Naphthalene, 1-me...	14.69	128.5	ug/l	3465680	4	12.08	1348580	50.0