

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011394.D
 Acq On : 08 Aug 2019 17:30
 Operator : JC/SP
 Sample : K4251-02 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-K-0819

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\82X080119W.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	1.635	59	79	80	rBV10	14804	49999	2.80%	0.531%
2	5.488	700	711	724	rBV	90582	260981	14.62%	2.774%
3	5.653	724	738	750	rVV	147786	416411	23.33%	4.426%
4	6.055	792	804	817	rBV	91540	243676	13.65%	2.590%
5	6.848	925	934	951	rBV	229209	544373	30.50%	5.785%
6	8.707	1232	1239	1250	rBV	475349	762362	42.72%	8.102%
7	10.109	1463	1469	1477	rBV	519330	687278	38.51%	7.304%
8	10.250	1484	1492	1498	rBV	14092	23512	1.32%	0.250%
9	10.359	1500	1510	1516	rBV	84919	126446	7.08%	1.344%
10	10.640	1549	1556	1563	rBV5	14681	31372	1.76%	0.333%
11	10.835	1579	1588	1592	rBV2	31459	52278	2.93%	0.556%
12	10.908	1592	1600	1604	rBV3	29654	48314	2.71%	0.513%
13	11.018	1612	1618	1622	rBV	98102	133291	7.47%	1.417%
14	11.134	1632	1637	1642	rBV	475512	584781	32.77%	6.215%
15	11.274	1652	1660	1668	rVB2	23305	40592	2.27%	0.431%
16	11.359	1668	1674	1678	rBV	185161	240008	13.45%	2.551%
17	11.451	1684	1689	1693	rBV	199855	251776	14.11%	2.676%
18	11.505	1693	1698	1707	rVB2	34397	75845	4.25%	0.806%
19	11.670	1720	1725	1732	rVB6	11547	24268	1.36%	0.258%
20	11.768	1737	1741	1743	rVV	36467	48556	2.72%	0.516%
21	11.804	1743	1747	1757	rVB	1513197	1784761	100.00%	18.968%
22	11.920	1757	1766	1767	rBV	30995	51422	2.88%	0.546%
23	11.944	1767	1770	1775	rVB	59831	77165	4.32%	0.820%
24	11.993	1775	1778	1781	rBV	16469	20086	1.13%	0.213%
25	12.072	1786	1791	1797	rVV	595797	777795	43.58%	8.266%
26	12.139	1797	1802	1812	rVV	393355	476434	26.69%	5.063%
27	12.225	1812	1816	1822	rVB	25165	40059	2.24%	0.426%
28	12.298	1822	1828	1835	rBV	247622	312898	17.53%	3.325%
29	12.365	1835	1839	1847	rVB3	73102	141167	7.91%	1.500%
30	12.456	1849	1854	1862	rBV	34238	51102	2.86%	0.543%
31	12.585	1870	1875	1877	rBV	77977	108577	6.08%	1.154%
32	12.609	1877	1879	1883	rVV	81084	87561	4.91%	0.931%
33	12.664	1884	1888	1891	rVV	134728	159949	8.96%	1.700%
34	12.700	1891	1894	1898	rVV	41640	50456	2.83%	0.536%

LSC Area Percent Report

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Integration Parameters: RTEINT.P

Integrator: RTE
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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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35	12.755	1898	1903	1909	rVV3	97284	166211	9.31%	1.766%
36	12.895	1921	1926	1931	rVB2	30776	48170	2.70%	0.512%
37	12.975	1931	1939	1942	rVV	59015	85404	4.79%	0.908%
38	13.017	1942	1946	1952	rVV	81132	100975	5.66%	1.073%
39	13.078	1952	1956	1962	rVB4	13124	21719	1.22%	0.231%
40	13.340	1995	1999	2005	rVB2	105933	150319	8.42%	1.598%
41	13.475	2017	2021	2027	rVB	20958	30314	1.70%	0.322%
42	13.834	2073	2080	2086	rVB3	10394	20684	1.16%	0.220%

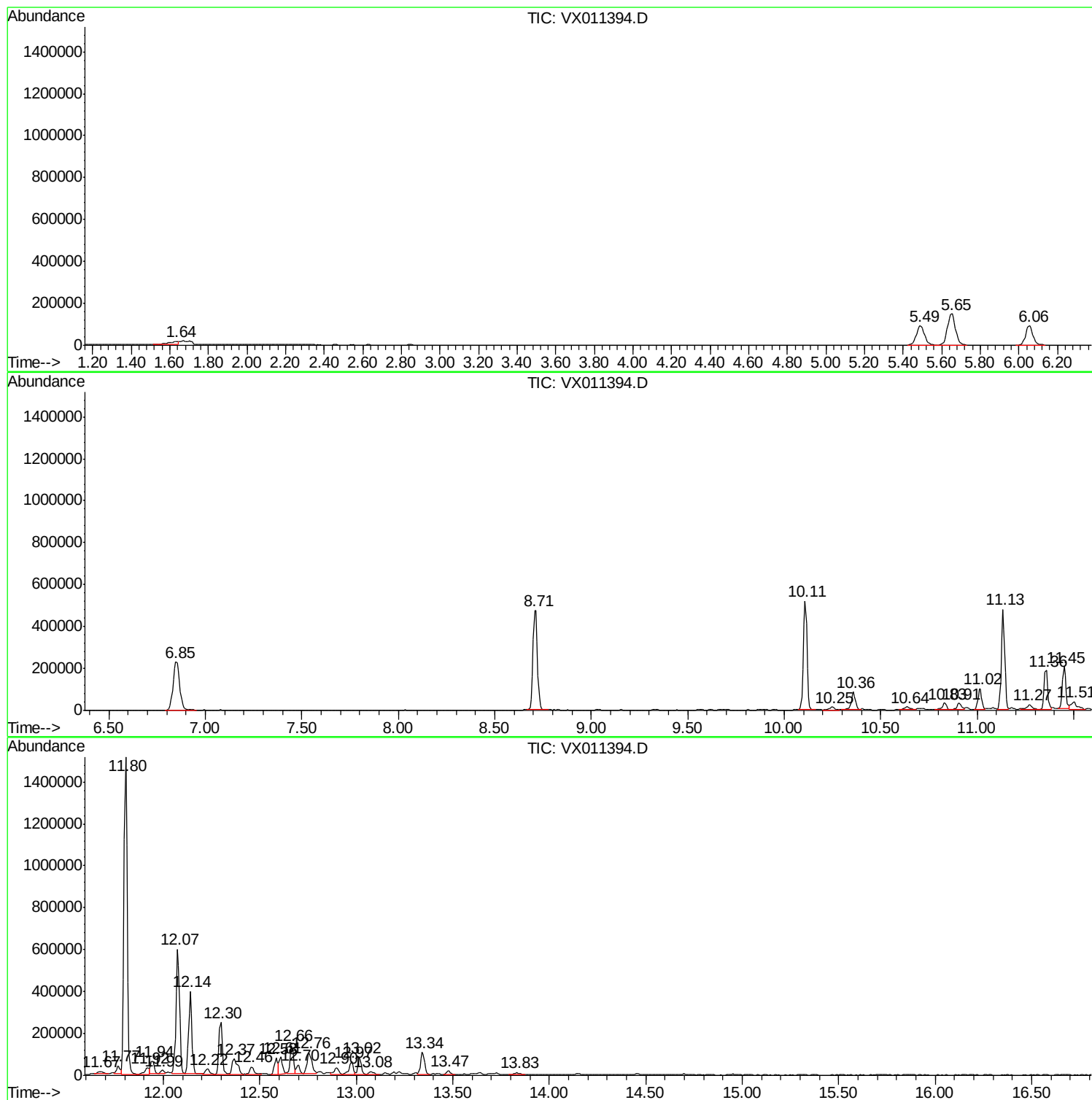
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Quant Title : SW846 8260

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



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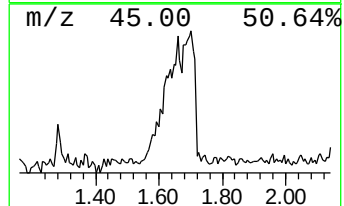
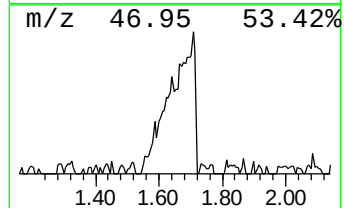
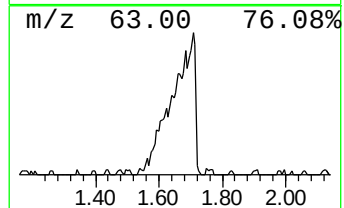
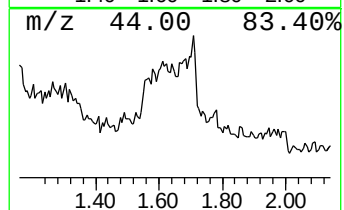
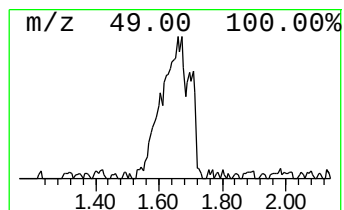
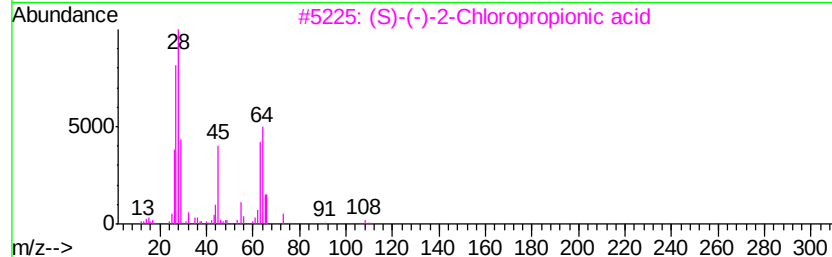
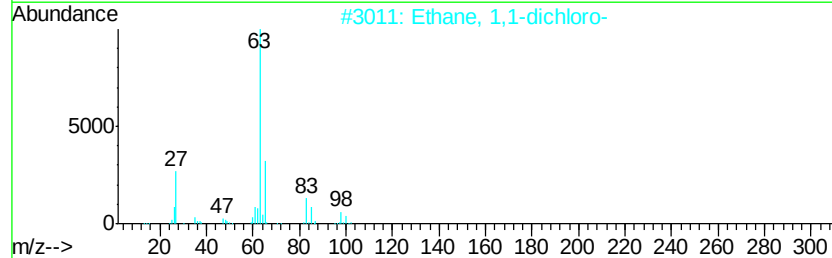
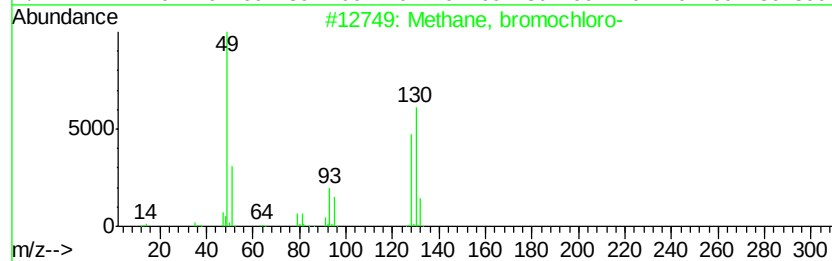
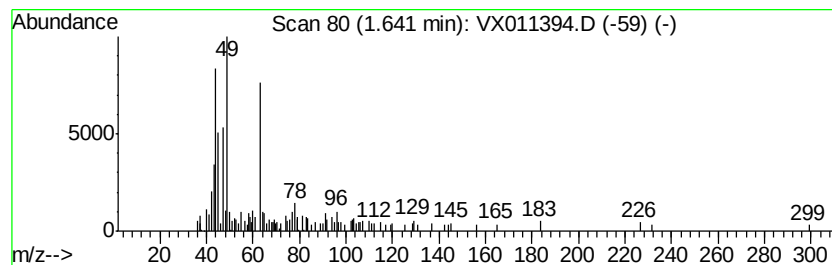
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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

Peak Number 1 unknown1.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.64	6.00 ug/l	49999	Pentafluorobenzene	5.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methane, bromochloro-	128	CH2BrCl	000074-97-5	10
2		Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	10
3		(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	9
4		Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	9
5		Methanesulfinyl chloride	98	CH3ClOS	000676-85-7	9



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampled :
EP1-MW-K-0819

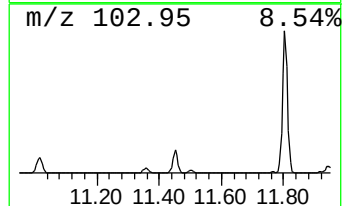
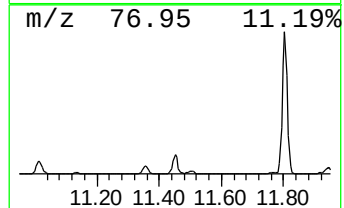
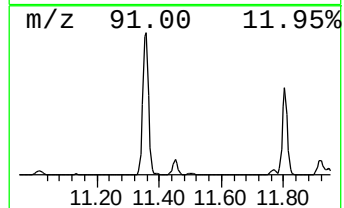
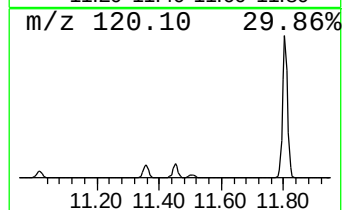
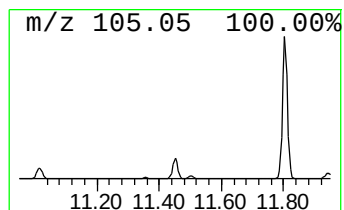
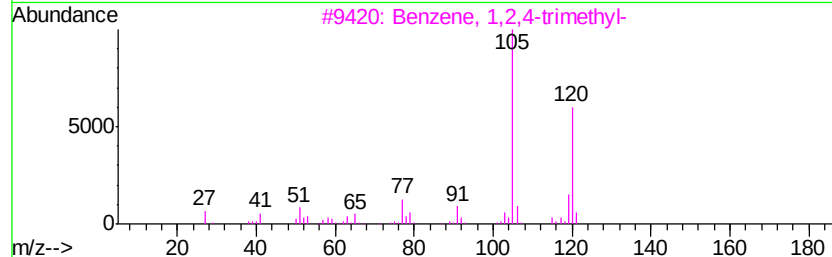
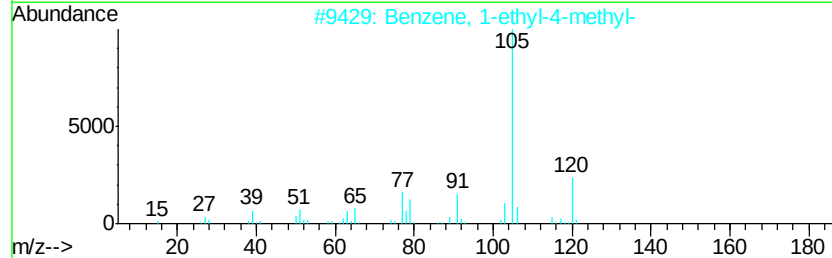
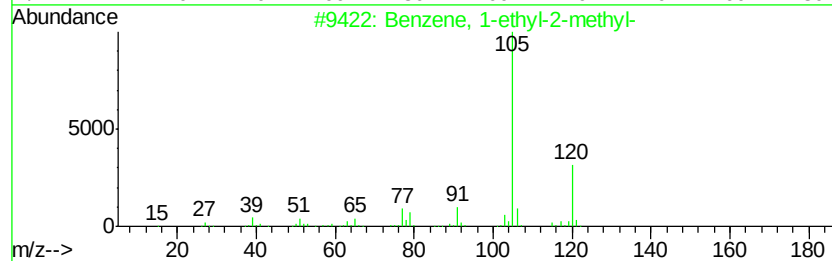
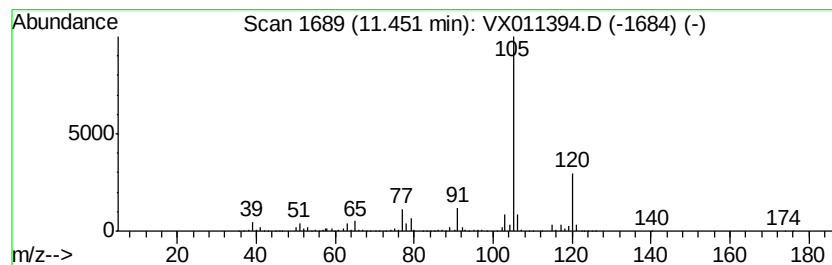
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	16.19 ug/l	251776	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Mesitylene	120	C9H12	000108-67-8	90



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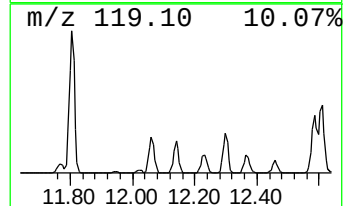
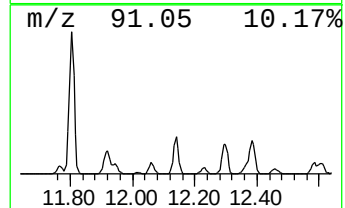
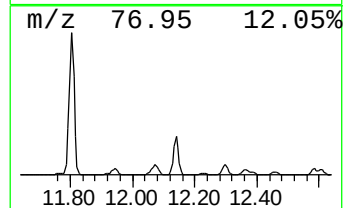
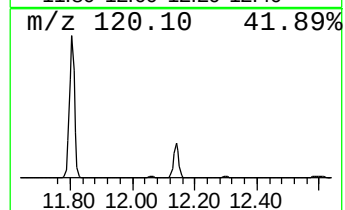
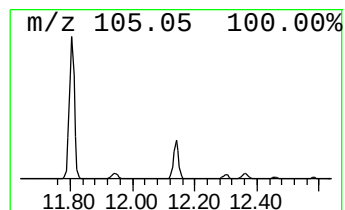
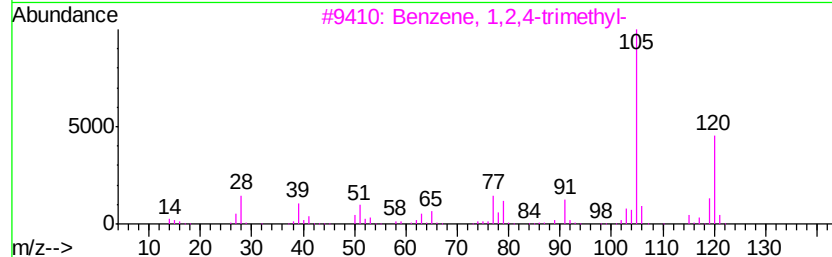
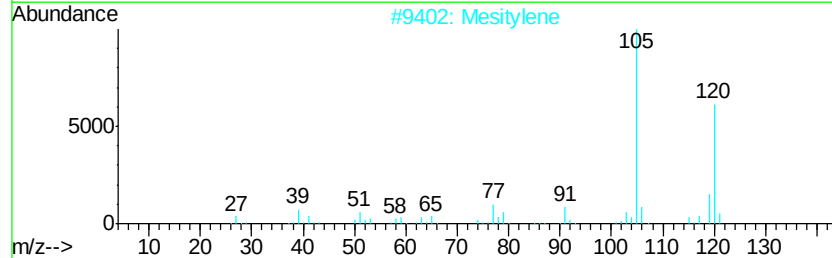
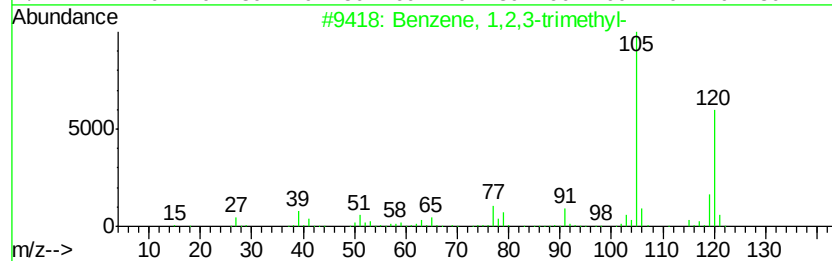
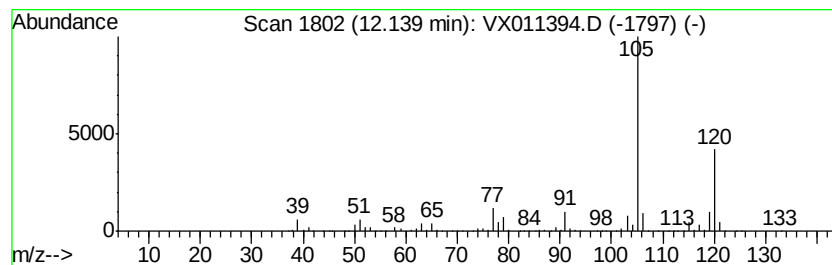
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	30.63 ug/l	476434	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 95
2		Mesitylene	120 C9H12	000108-67-8 93
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91
4		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 90



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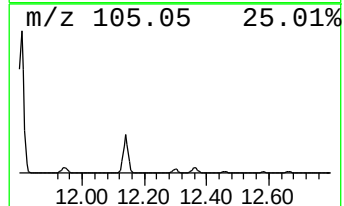
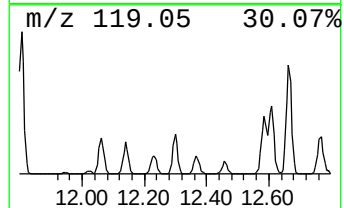
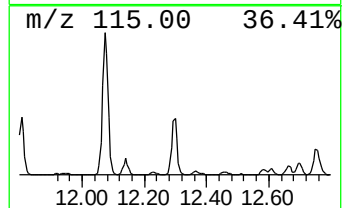
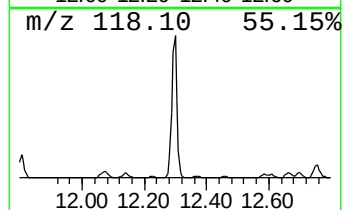
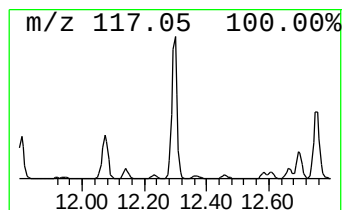
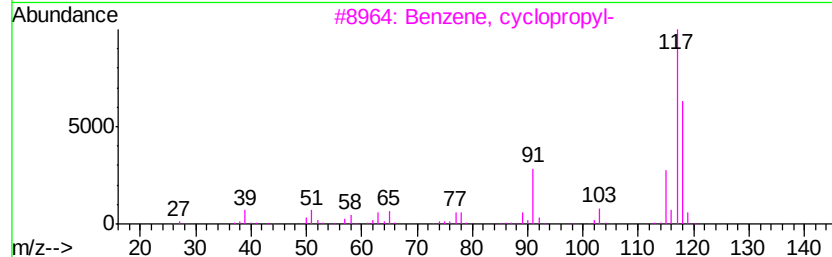
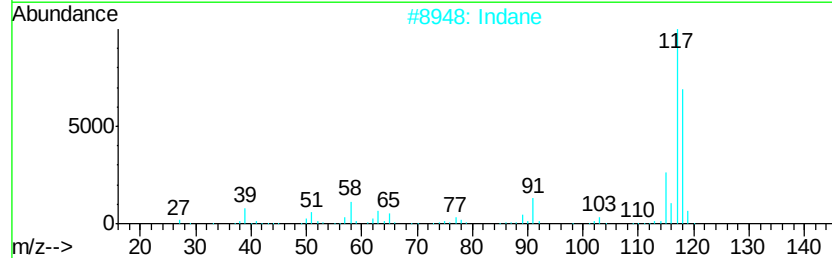
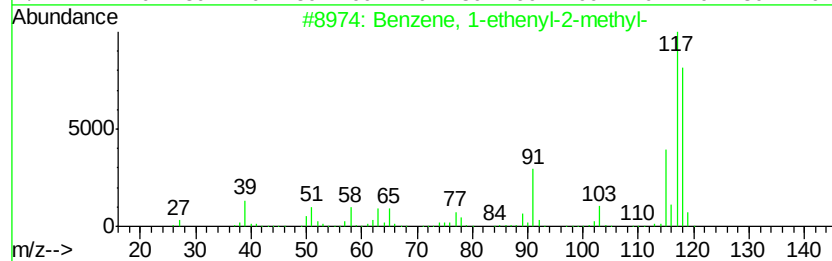
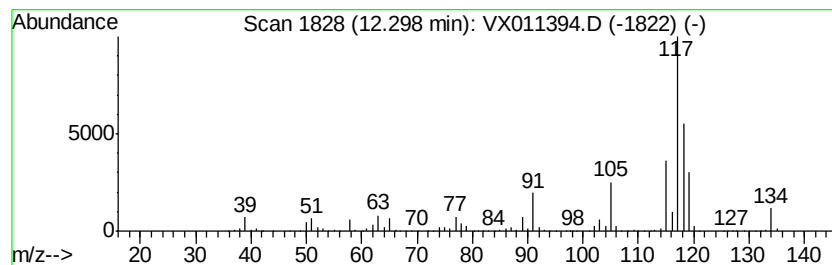
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Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	20.11 ug/l	312898	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 86
2		Indane	118 C9H10	000496-11-7 70
3		Benzene, cyclopropyl-	118 C9H10	000873-49-4 64
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 64
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118 C9H10	1000191-13-7 58



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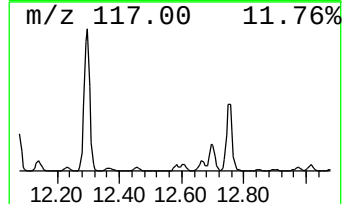
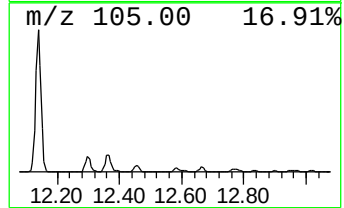
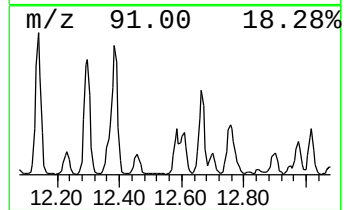
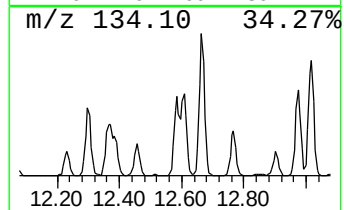
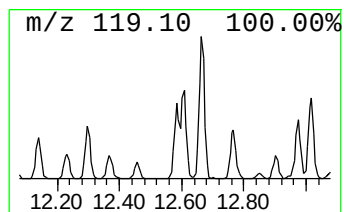
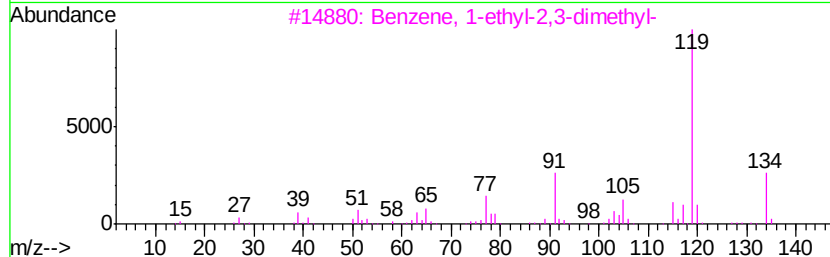
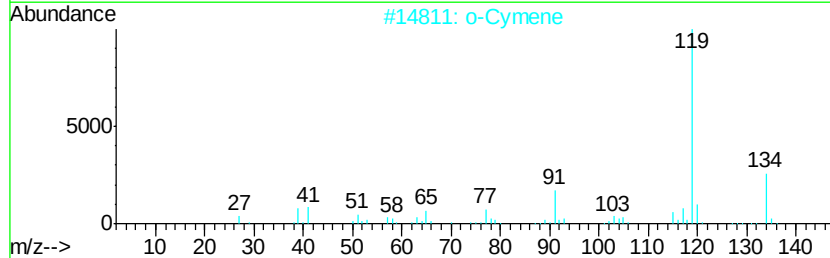
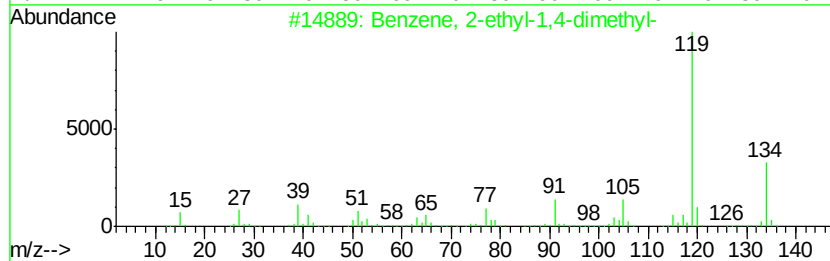
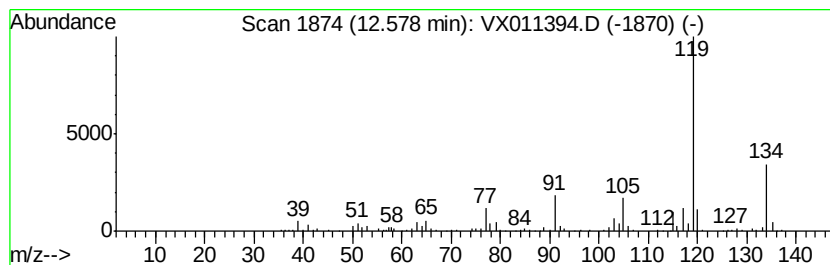
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	6.98 ug/l	108577	1,4-Dichlorobenzene-d4	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080819\
Data File : VX011394.D
Acq On : 08 Aug 2019 17:30
Operator : JC/SP
Sample : K4251-02 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-0819

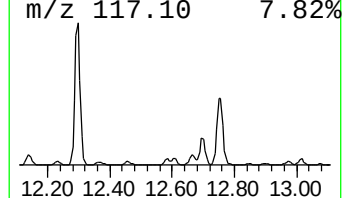
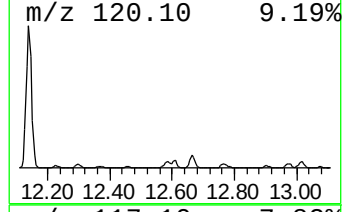
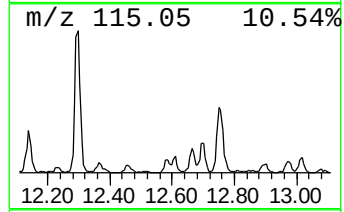
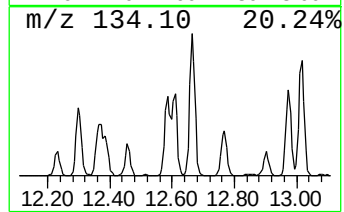
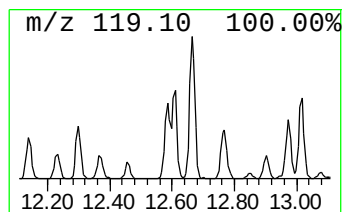
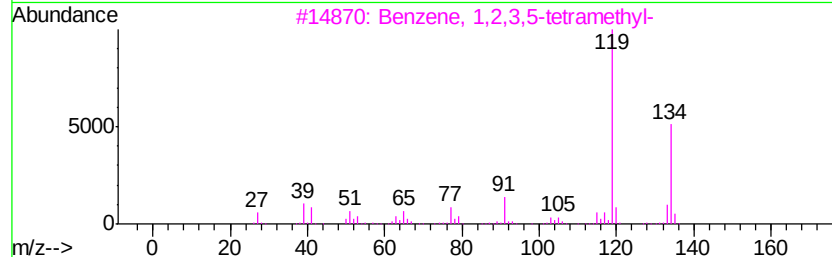
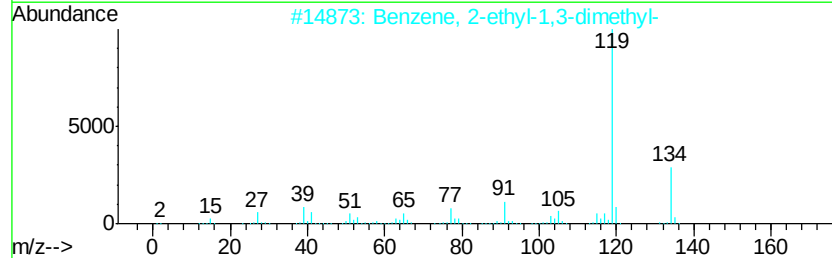
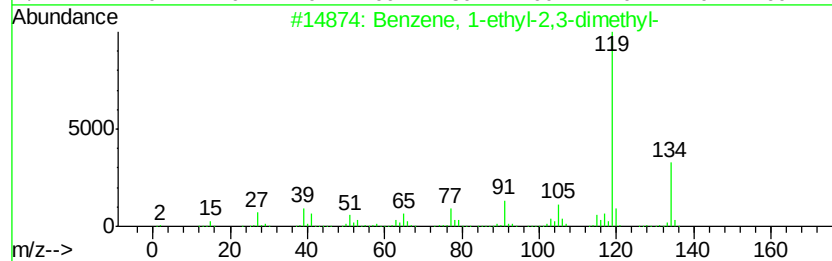
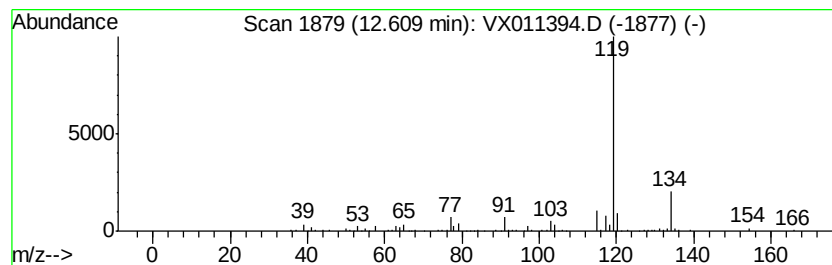
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.63 ug/l	87561	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080819\
Data File : VX011394.D
Acq On : 08 Aug 2019 17:30
Operator : JC/SP
Sample : K4251-02 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

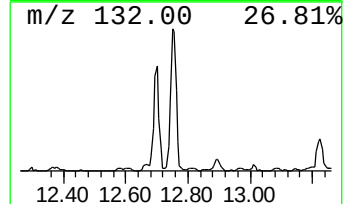
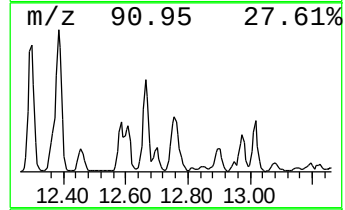
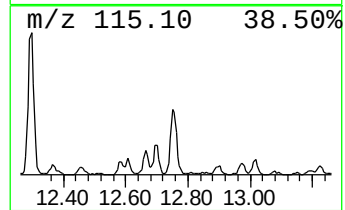
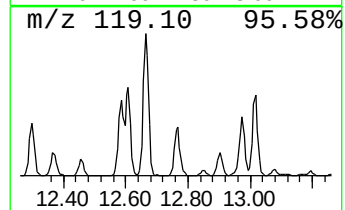
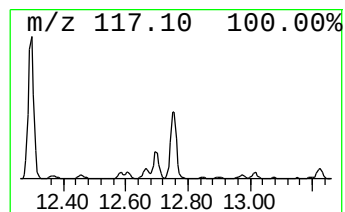
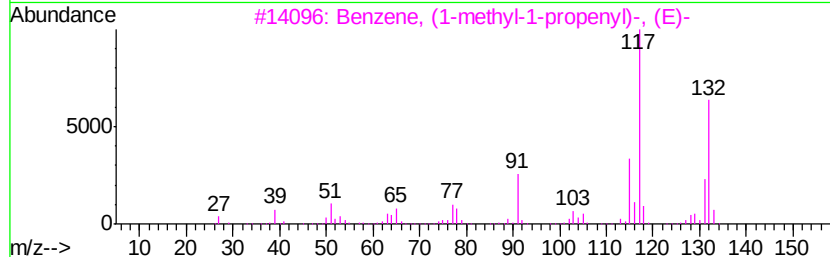
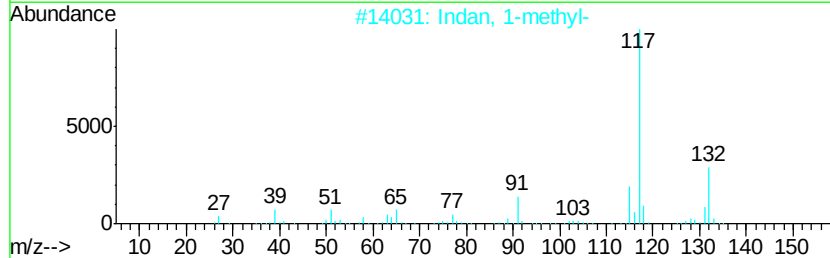
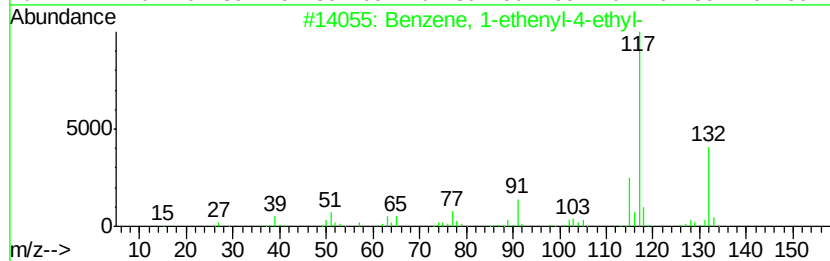
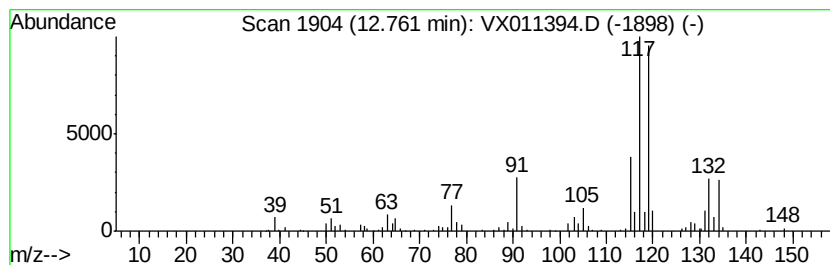
Instrument :
MSVOA_X
ClientSampled :
EP1-MW-K-0819

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	10.68 ug/l	166211	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 81
2		Indan, 1-methyl-	132 C10H12	000767-58-8 76
3		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 74
4		1-Phenyl-1-butene	132 C10H12	000824-90-8 74
5		Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4 74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080819\
Data File : VX011394.D
Acq On : 08 Aug 2019 17:30
Operator : JC/SP
Sample : K4251-02 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-0819

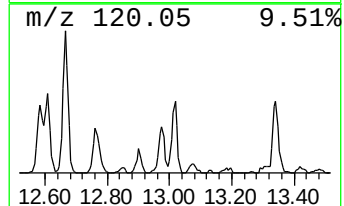
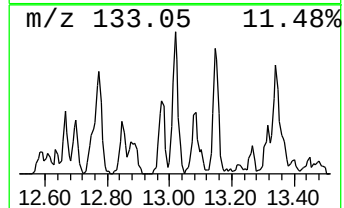
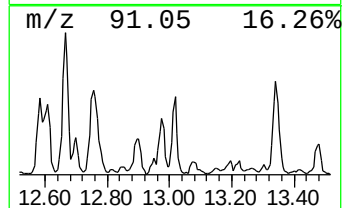
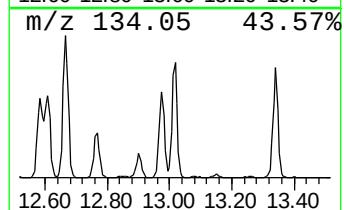
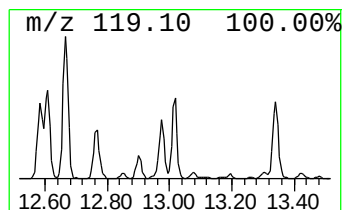
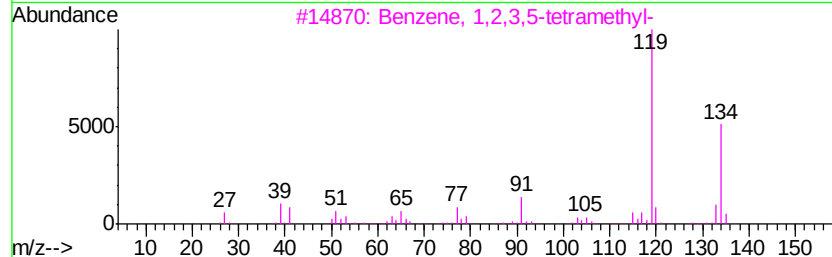
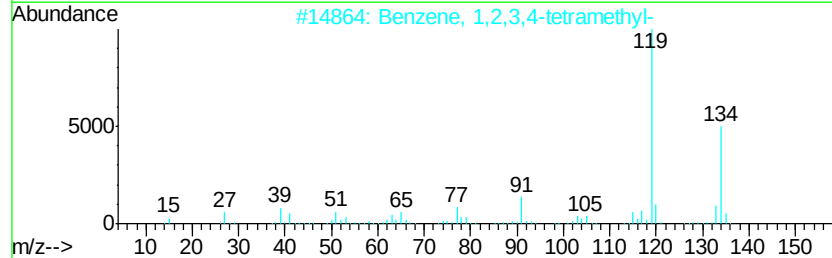
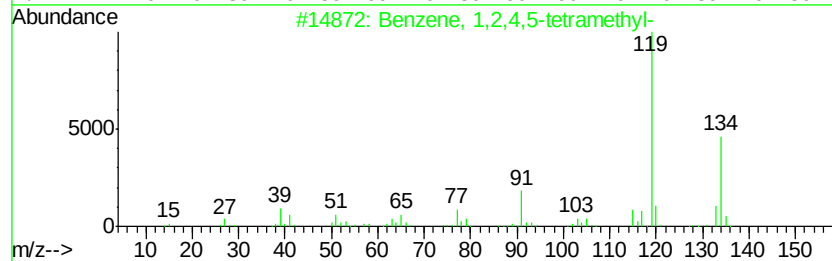
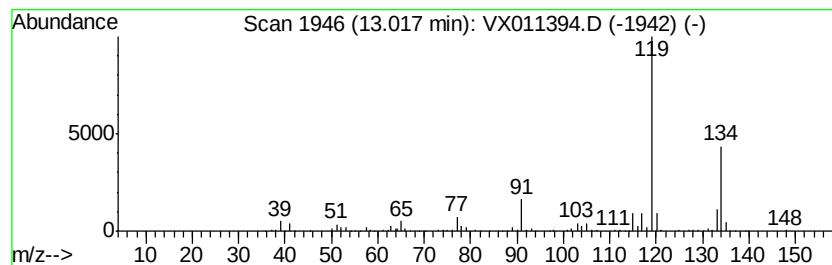
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.49 ug/l	100975	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080819\
Data File : VX011394.D
Acq On : 08 Aug 2019 17:30
Operator : JC/SP
Sample : K4251-02 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

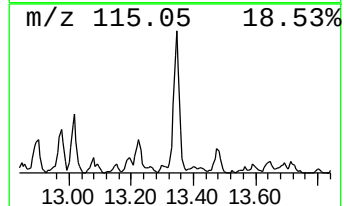
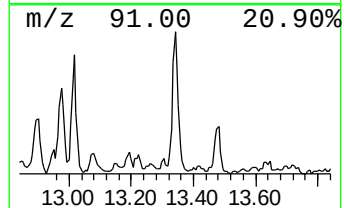
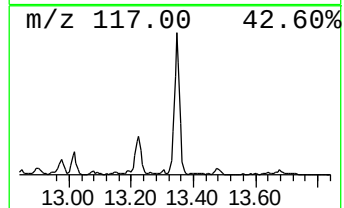
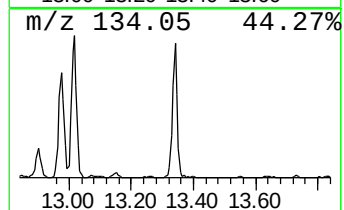
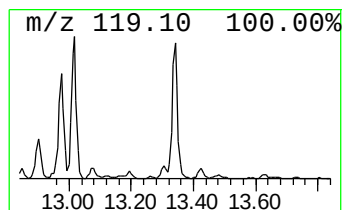
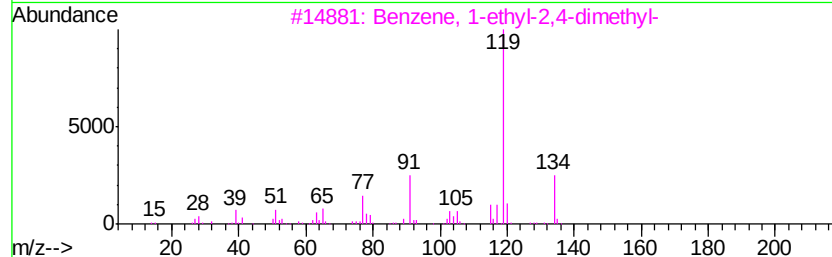
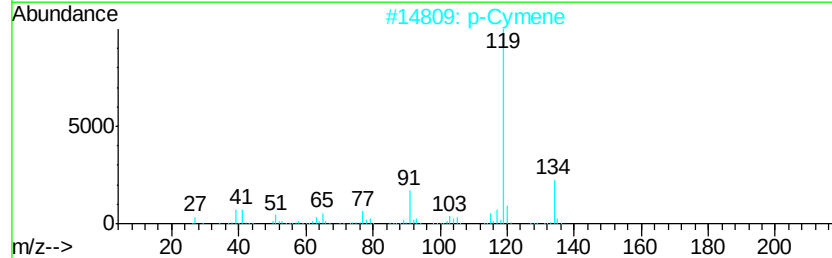
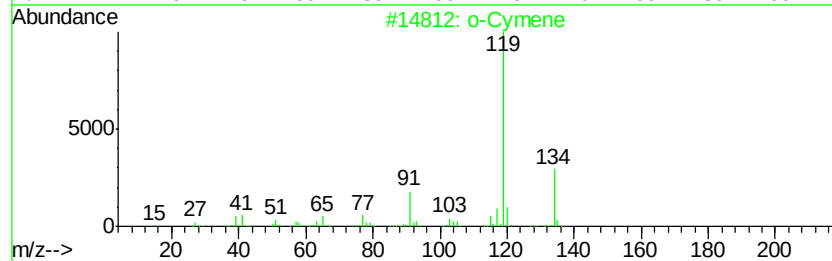
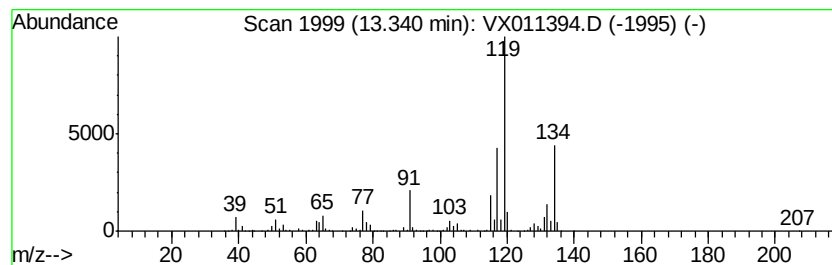
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-0819

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

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

Peak Number 10 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	9.66 ug/l	150319	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 70
2		p-Cymene	134 C10H14	000099-87-6 70
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 64
4		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 64
5		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 62



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011394.D
Acq On : 08 Aug 2019 17:30
Operator : JC/SP
Sample : K4251-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-K-0819

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.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
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Benzene, 1-ethyl-...	11.45	16.2	ug/l	251776	4	12.07	777795	50.0
Benzene, 1,2,3-tr...	12.14	30.6	ug/l	476434	4	12.07	777795	50.0
Benzene, 1-etheny...	12.30	20.1	ug/l	312898	4	12.07	777795	50.0
Benzene, 2-ethyl-...	12.58	7.0	ug/l	108577	4	12.07	777795	50.0
Benzene, 1-ethyl-...	12.61	5.6	ug/l	87561	4	12.07	777795	50.0
Benzene, 1-etheny...	12.76	10.7	ug/l	166211	4	12.07	777795	50.0
Benzene, 1,2,4,5-...	13.02	6.5	ug/l	100975	4	12.07	777795	50.0
o-Cymene	13.34	9.7	ug/l	150319	4	12.07	777795	50.0