

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001981.D
 Acq On : 25 May 2018 17:03
 Operator : JC/MD
 Sample : J3139-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-BASELINEWATER

Manual Integrations
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 5/29/2018 4:39:21 PM

Quant Time: May 26 03:27:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	49545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	271144	93.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	187.86%	
35) Dibromofluoromethane	5.51	113	195034	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
50) Toluene-d8	8.73	98	368181	31.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.56%	
62) 4-Bromofluorobenzene	11.14	95	96094	21.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.08	59	27329	48.232	ug/l	96
16) Acetone	2.45	43	121818	109.350	ug/l	99
25) 2-Butanone	4.72	43	72850	35.679	ug/l	98
29) Tetrahydrofuran	5.18	42	14909	11.223	ug/l	97
39) Methylcyclohexane	7.47	83	3459	0.633	ug/l	97
40) Benzene	6.15	78	7984	0.612	ug/l	94
43) Isopropyl Acetate	6.48	43	18376	1.901	ug/l	97
45) 1,2-Dichloropropane	7.53	63	2429	0.686	ug/l #	89
51) 4-Methyl-2-Pentanone	8.67	43	9207937	1579.882	ug/l	96
52) Toluene	8.79	92	613787	73.965	ug/l	99
67) Ethyl Benzene	10.26	91	147915	15.115	ug/l	100
68) m/p-Xylenes	10.36	106	331808	88.697	ug/l	100
69) o-Xylene	10.70	106	371780	99.533	ug/l	99
73) Isopropylbenzene	11.02	105	77147	18.388	ug/l	99
78) n-propylbenzene	11.37	91	351920	74.894	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	845906	235.927	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3262061	880.400	ug/l	98
85) sec-Butylbenzene	11.95	105	127985	30.260	ug/l	85
86) p-Isopropyltoluene	12.07	119	96676	25.544	ug/l	99
89) n-Butylbenzene	12.39	91	219404m	68.416	ug/l	
95) Naphthalene	13.84	128	592312	132.368	ug/l #	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

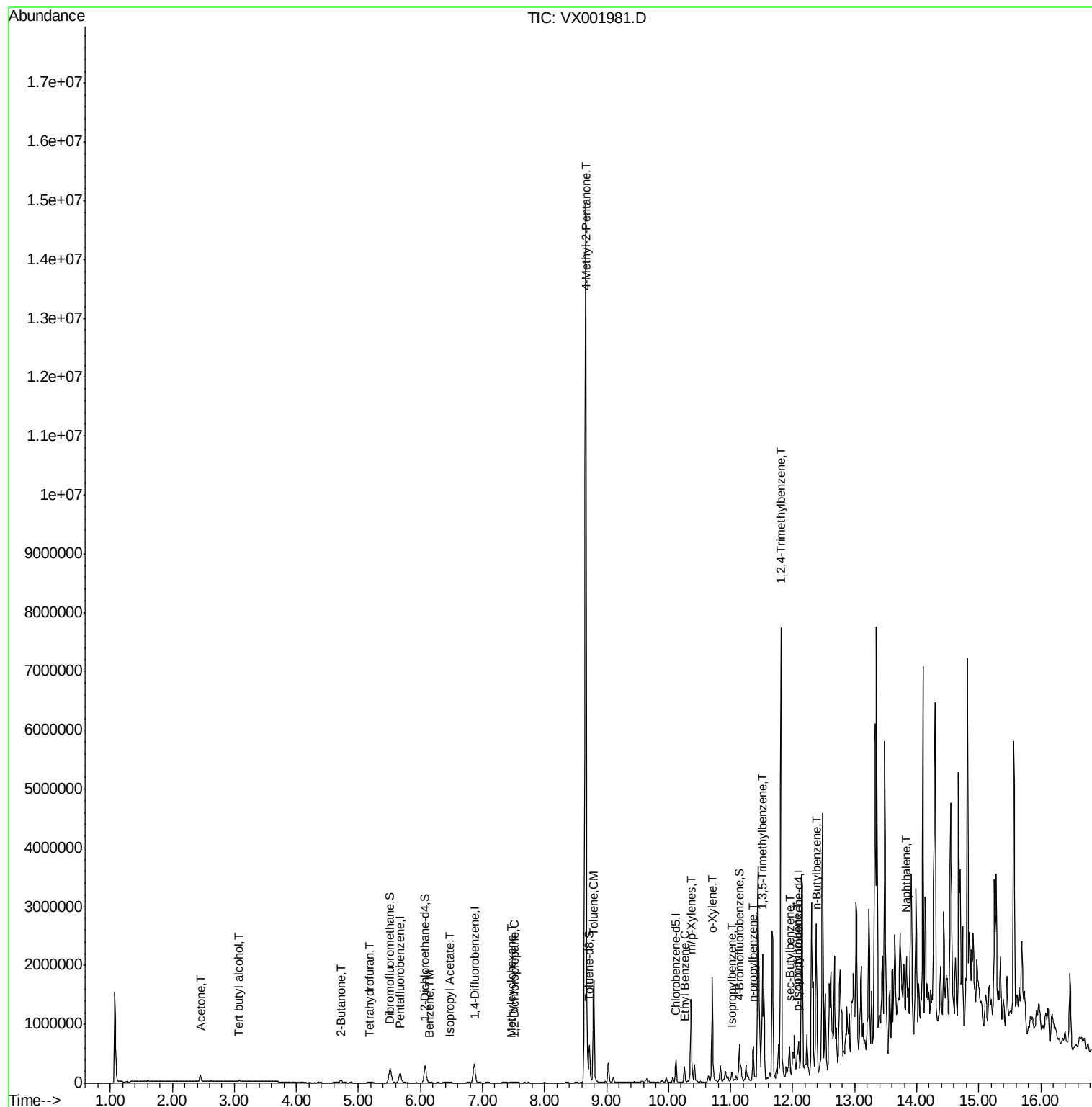
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001981.D
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ALS Vial : 16 Sample Multiplier: 1

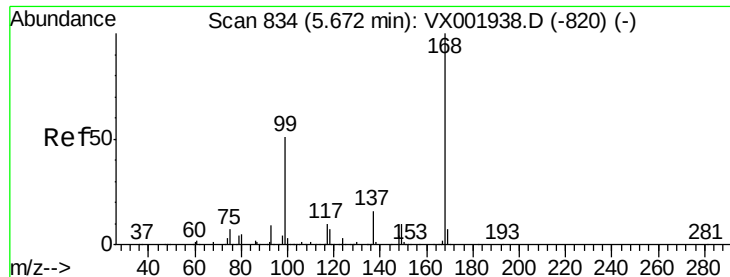
Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

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Quant Time: May 26 03:27:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

BS-BASELINEWATER

Tot Ion:168 Resp: 161487

Ion Ratio Lower Upper

168 100

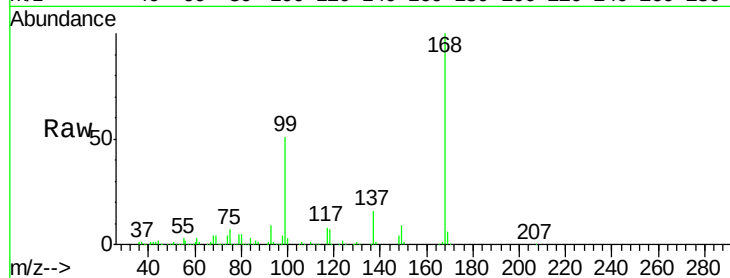
99 51.3 41.0 61.4

Manual Integrations

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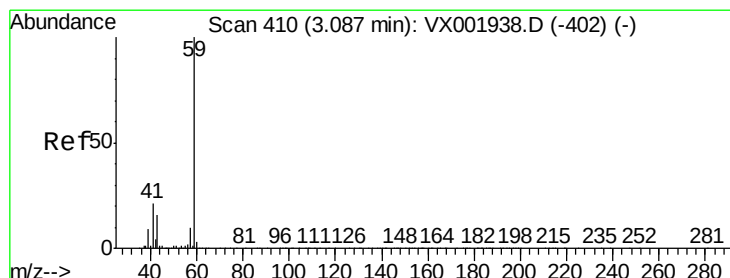
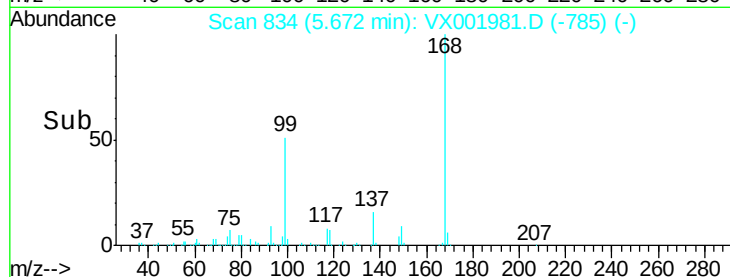
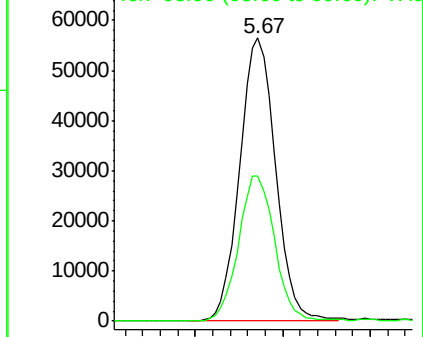
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 48.232 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001981.D

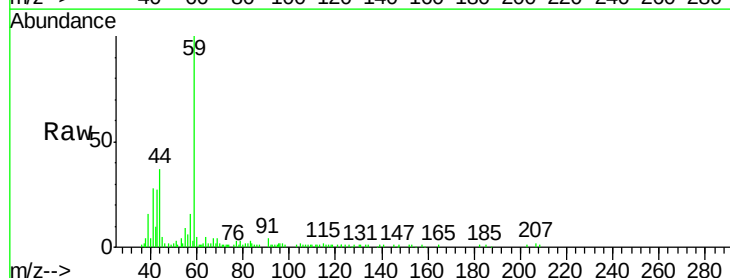
Acq: 25 May 2018 17:03

Tgt Ion: 59 Resp: 27329

Ion Ratio Lower Upper

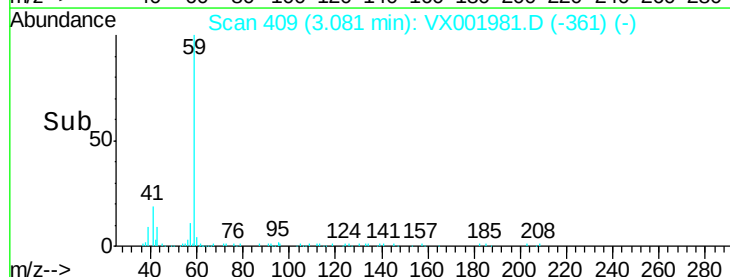
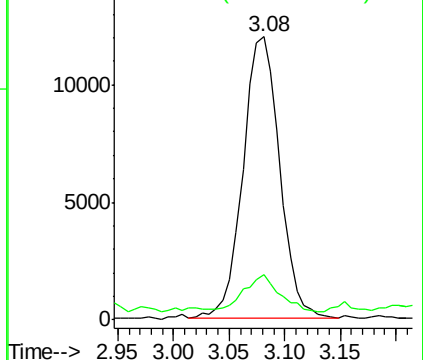
59 100

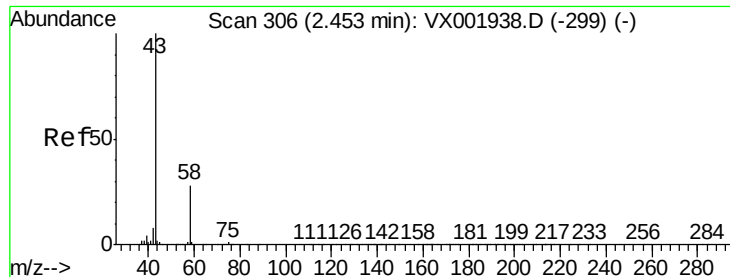
57 12.4 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





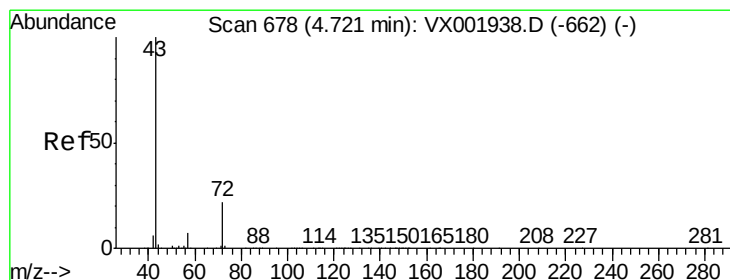
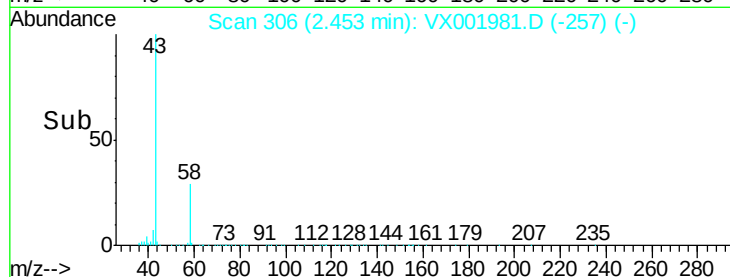
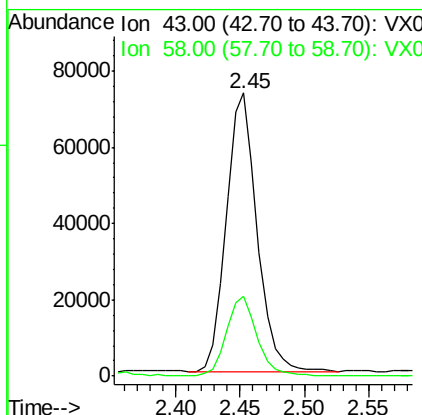
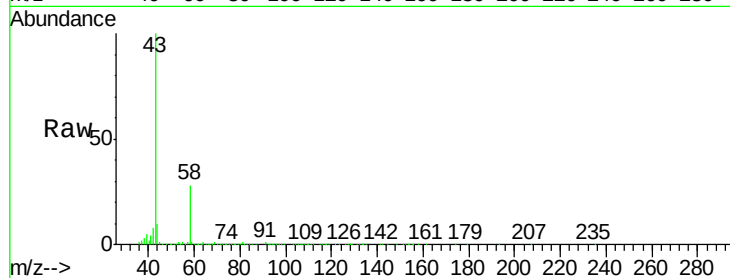
#16
Acetone
Concen: 109.350 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.3	33.5

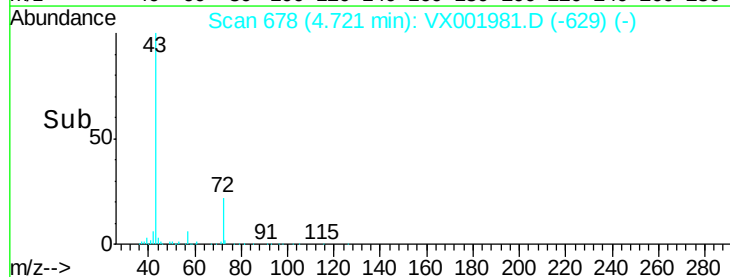
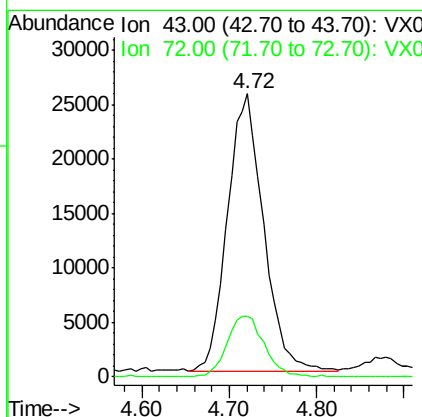
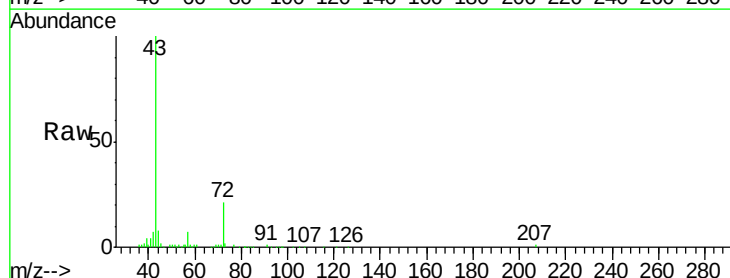
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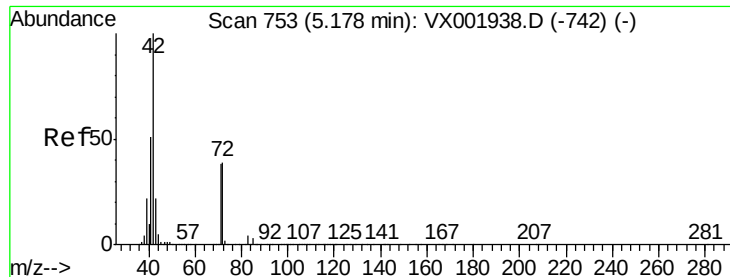
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#25
2-Butanone
Concen: 35.679 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.9	26.9





#29

Tetrahydrofuran

Concen: 11.223 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

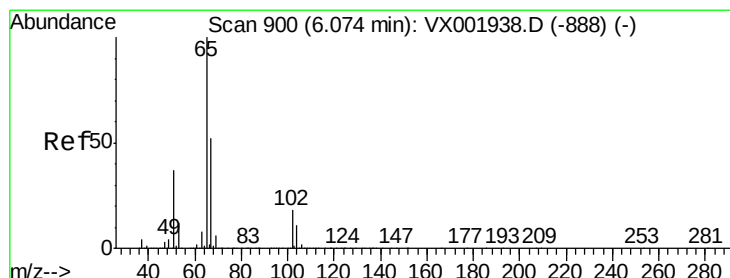
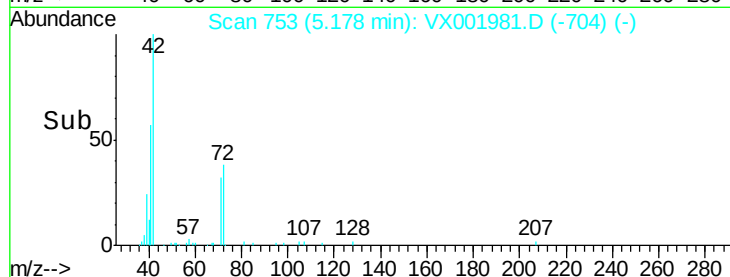
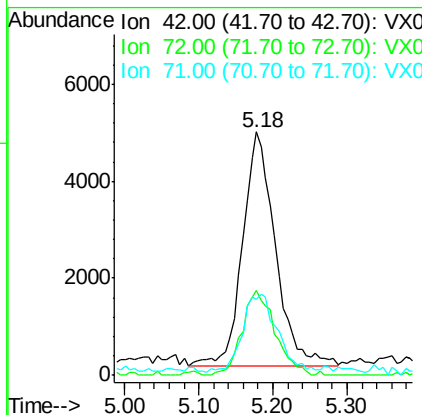
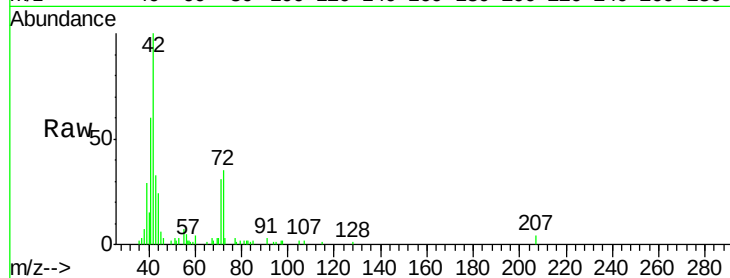
ClientSampleId :

BS-BASELINEWATER

Tot Ion:	42	Resp:	14909
Ion	Ratio	Lower	Upper
42	100		
72	36.6	31.4	47.0
71	36.2	29.5	44.3

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#33

1,2-Dichloroethane-d4

Concen: 93.933 ug/l

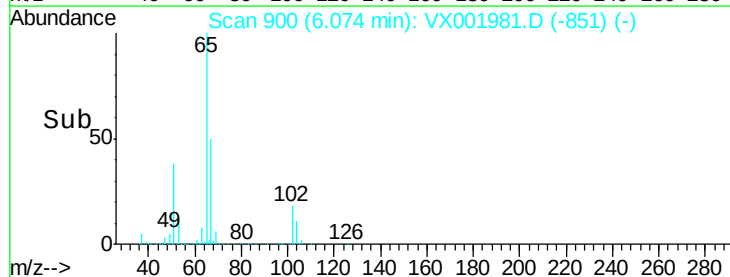
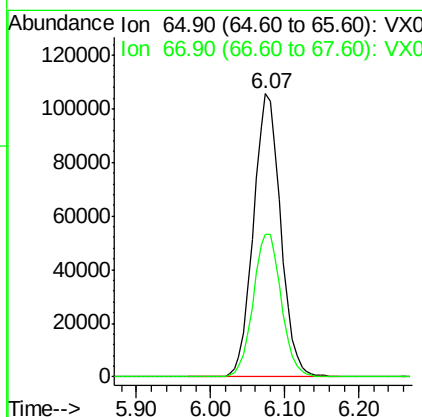
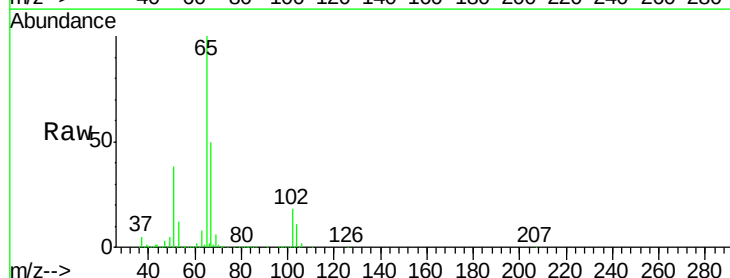
RT: 6.07 min Scan# 900

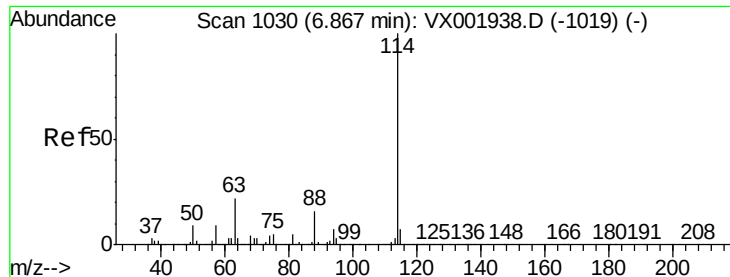
Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Tgt Ion:	65	Resp:	271144
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0





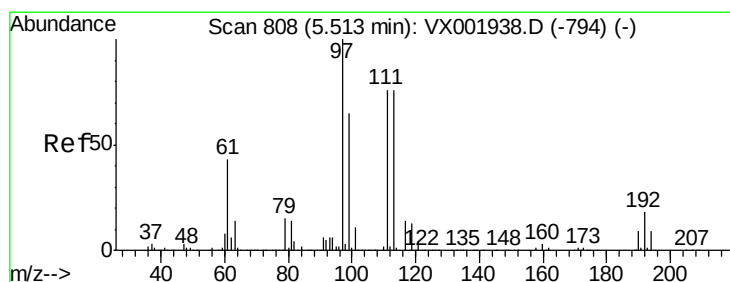
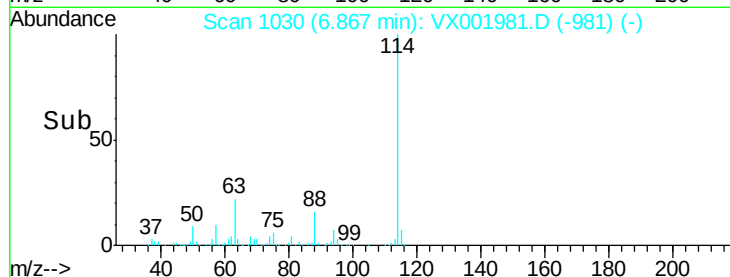
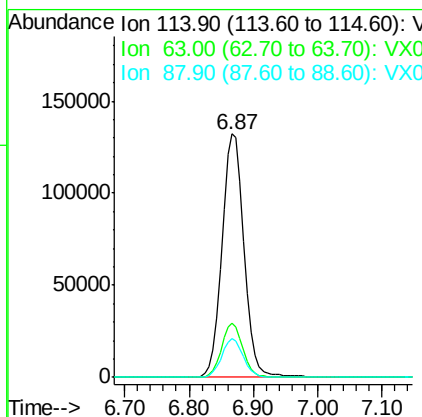
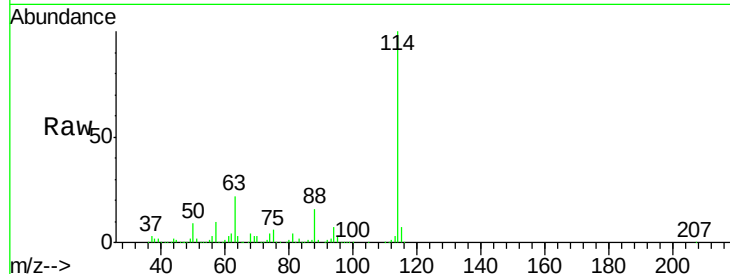
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001981.D
 Acq: 25 May 2018 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-BASELINEWATER

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.4	0.0	43.2
88	16.0	0.0	31.6

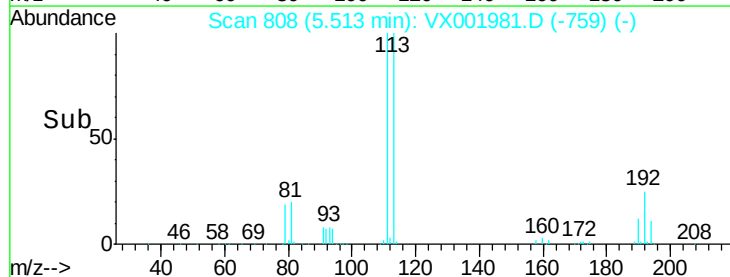
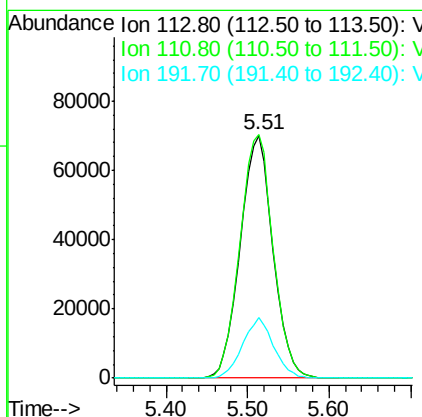
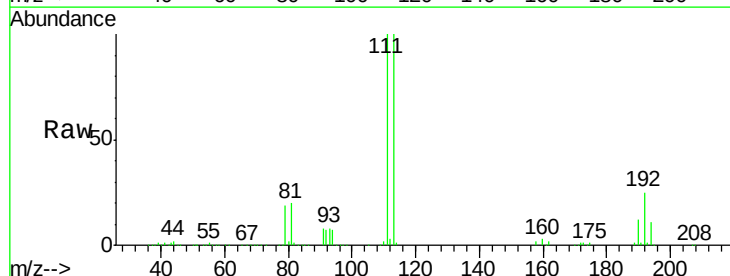
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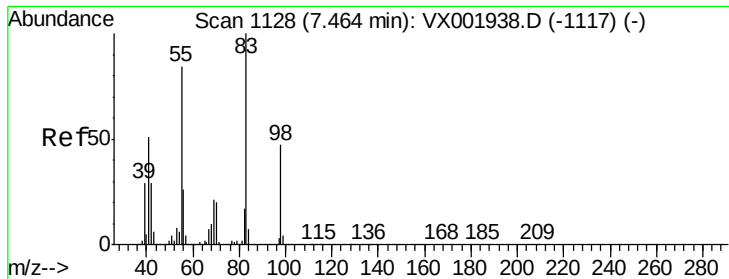
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#35
 Dibromofluoromethane
 Concen: 60.951 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001981.D
 Acq: 25 May 2018 17:03

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.6	18.9	28.3





#39

Methylvlcyclohexane

Concen: 0.633 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

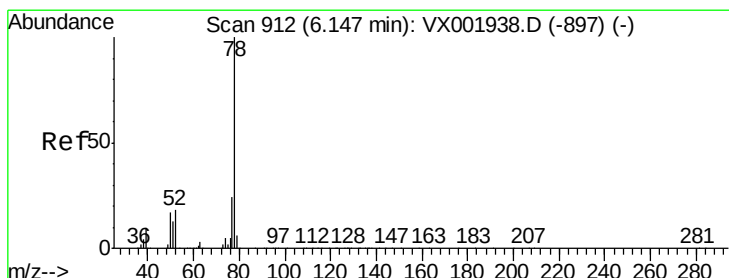
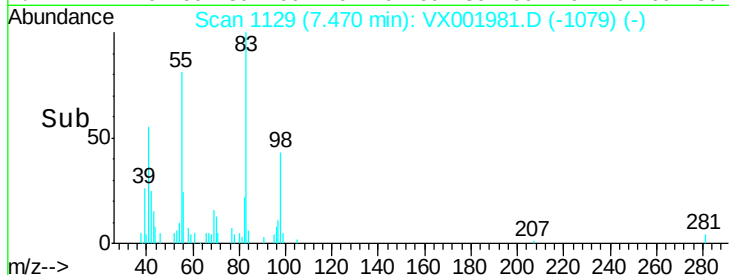
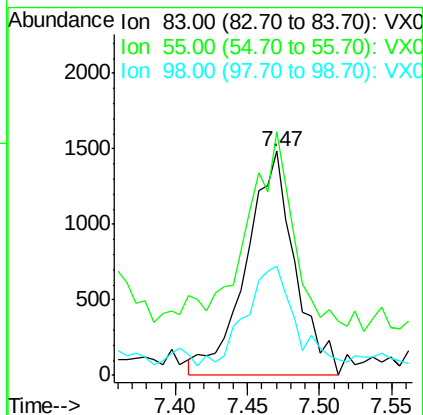
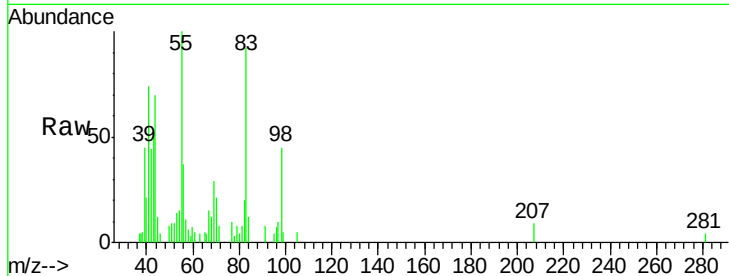
ClientSampleId :

BS-BASELINEWATER

Tot Ion:	83	Resp:	3459
Ion	Ratio	Lower	Upper
83	100		
55	84.6	67.3	100.9
98	41.4	37.5	56.3

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#40

Benzene

Concen: 0.612 ug/l

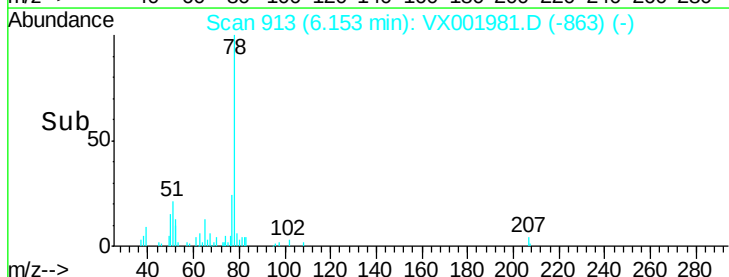
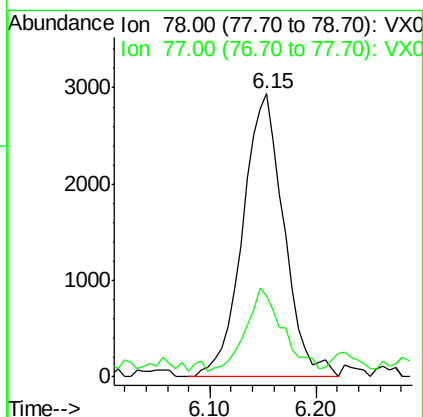
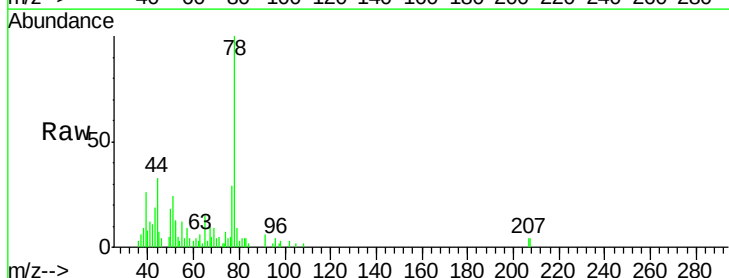
RT: 6.15 min Scan# 913

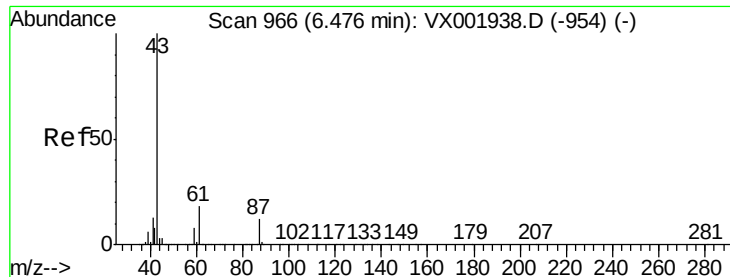
Delta R.T. 0.01 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Tgt Ion:	78	Resp:	7984
Ion	Ratio	Lower	Upper
78	100		
77	26.7	19.1	28.7





#43

Isopropyl Acetate

Concen: 1.901 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

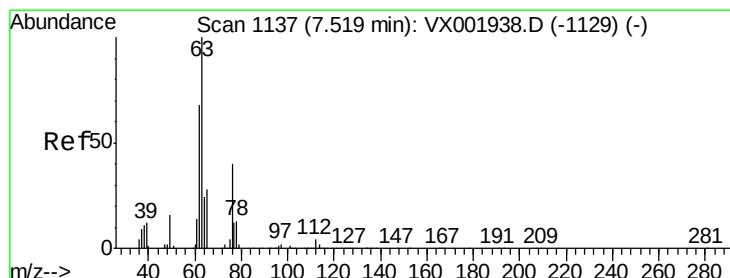
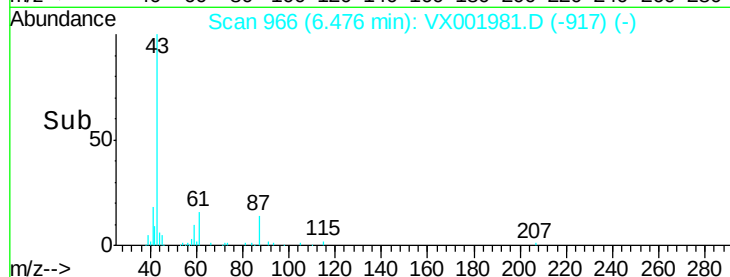
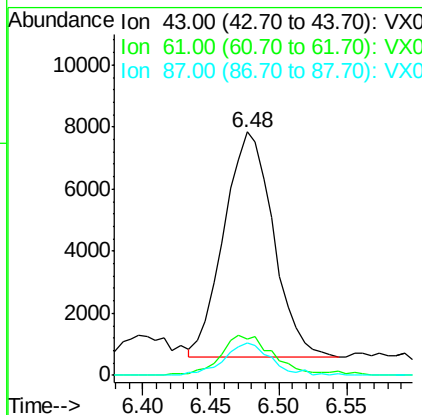
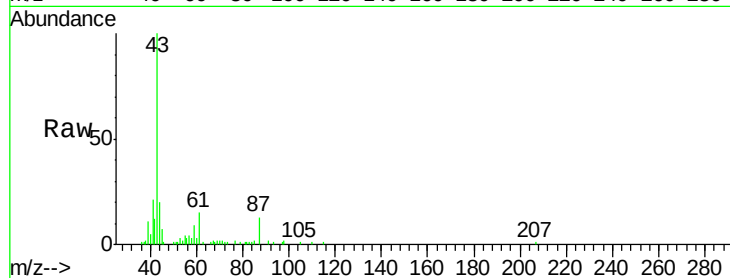
ClientSampleId :

BS-BASELINEWATER

Tot Ion:	43	Resp:	18376
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.5	21.7
87	13.8	9.5	14.3

Manual Integrations
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#45

1,2-Dichloropropane

Concen: 0.686 ug/l

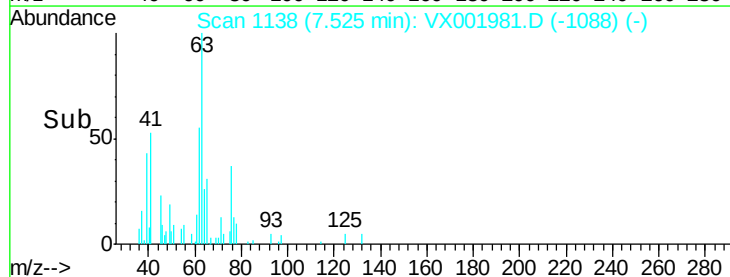
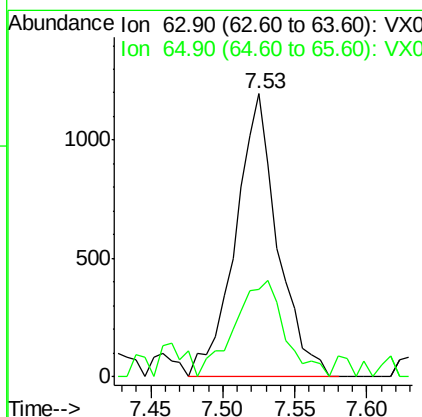
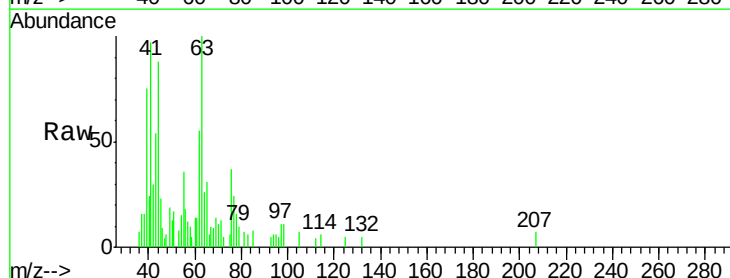
RT: 7.53 min Scan# 1138

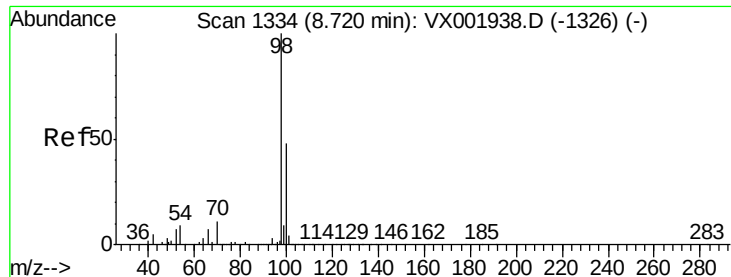
Delta R.T. 0.01 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Tgt Ion:	63	Resp:	2429
Ion	Ratio	Lower	Upper
63	100		
65	23.9	24.1	36.1#





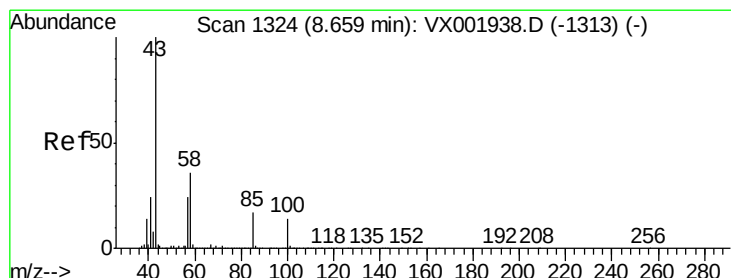
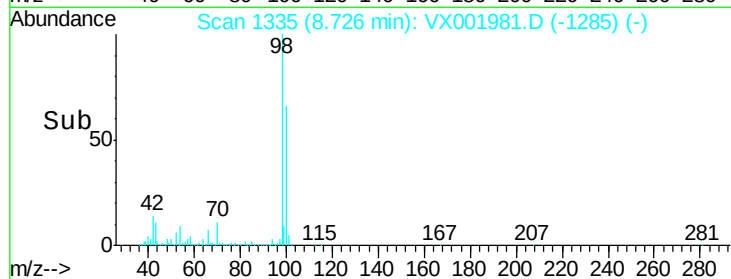
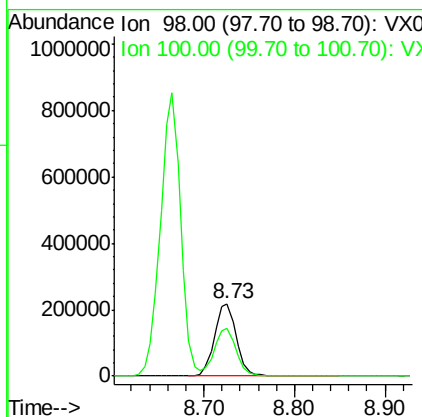
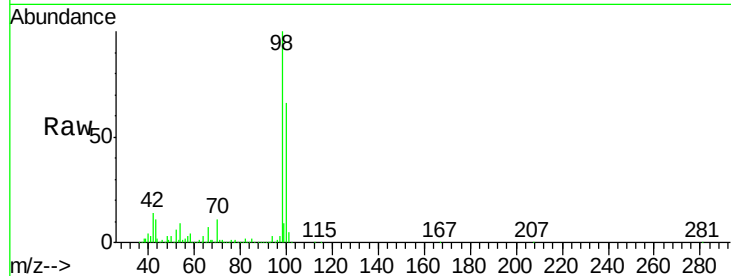
#50
Toluene-d8
Concen: 31.782 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	68.0	51.5	77.3	

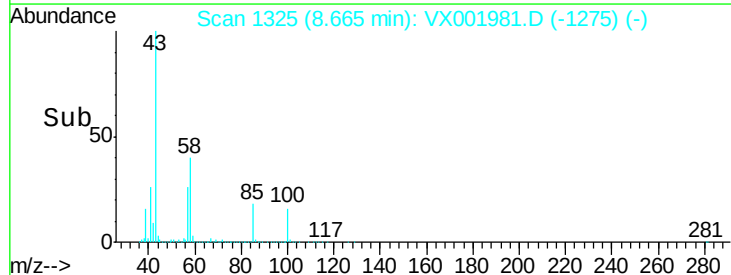
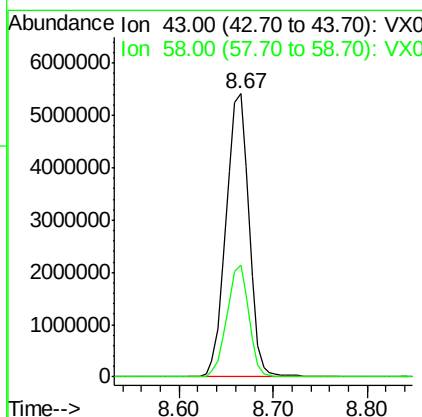
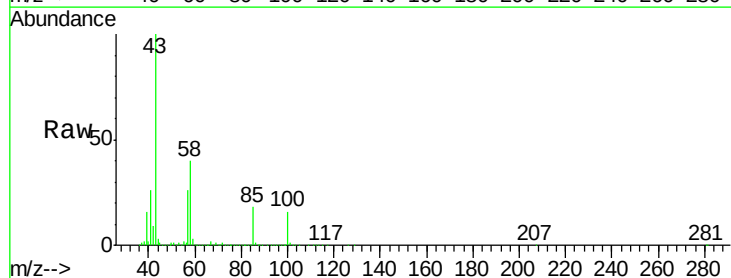
Manual Integrations
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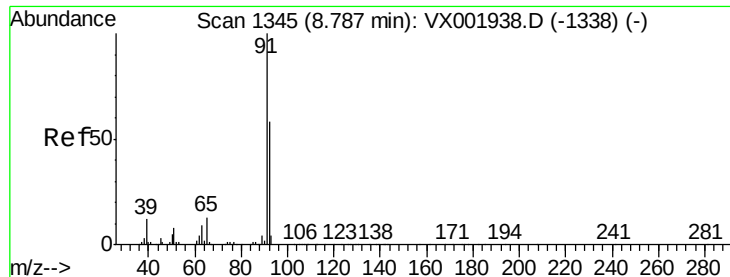
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 1579.882 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	37.9	28.5	42.7	





#52

Toluene

Concen: 73.965 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

BS-BASELINEWATER

Tot Ion: 92 Resp: 613787

Ion Ratio Lower Upper

92 100

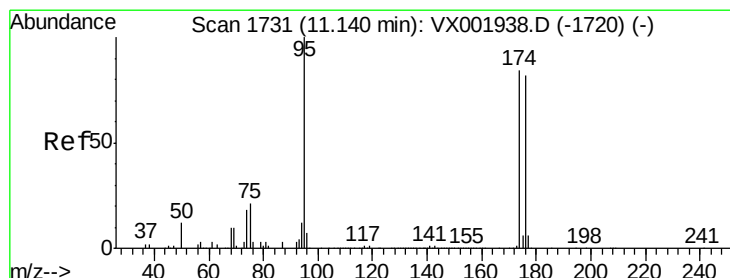
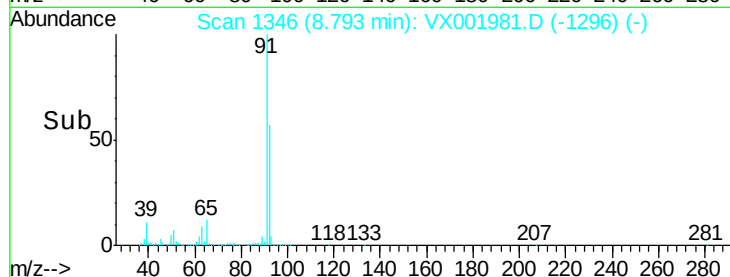
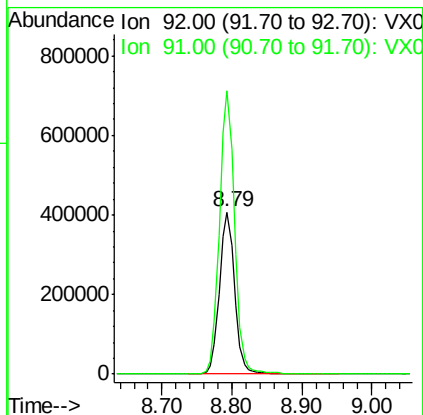
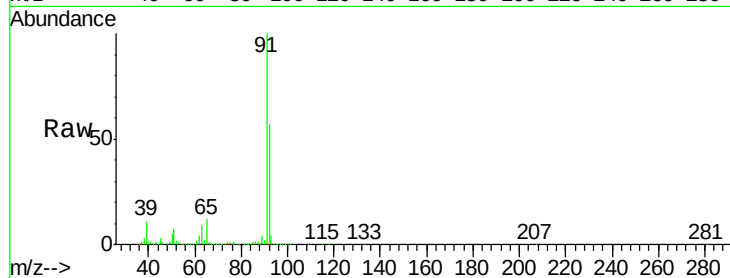
91 175.2 139.4 209.2

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#62

4-Bromofluorobenzene

Concen: 21.201 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

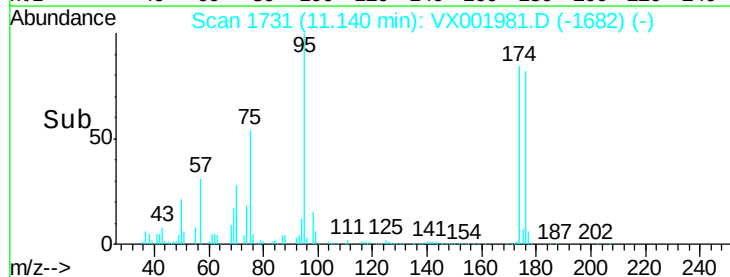
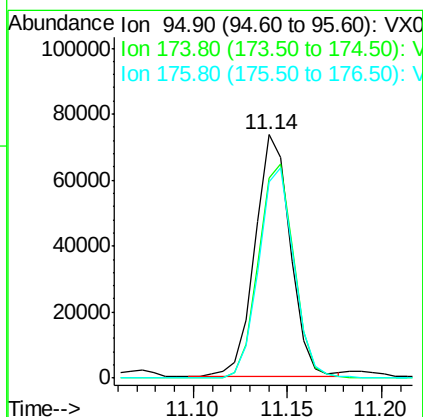
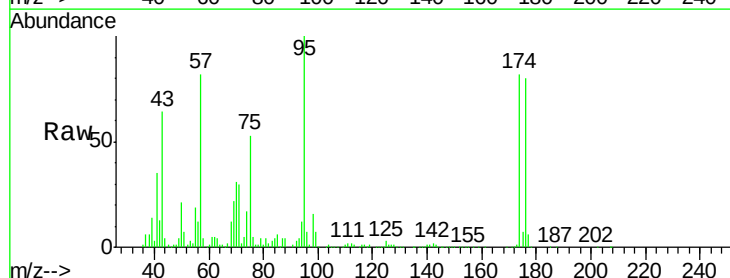
Tgt Ion: 95 Resp: 96094

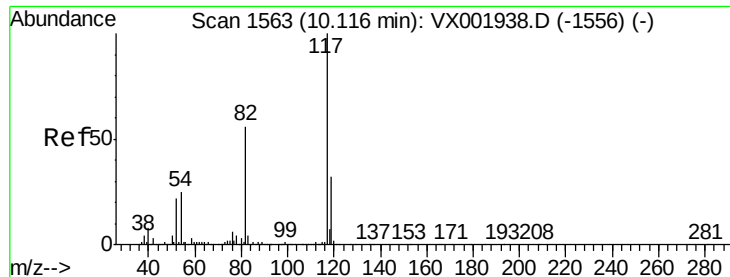
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.8

176 86.3 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

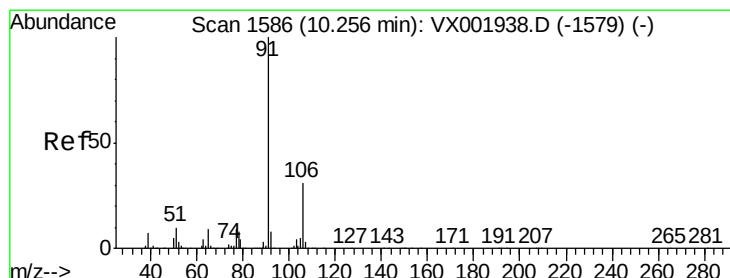
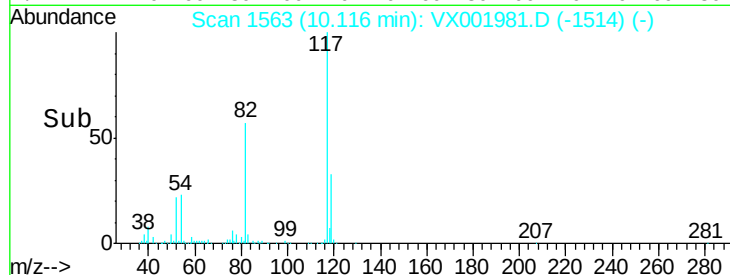
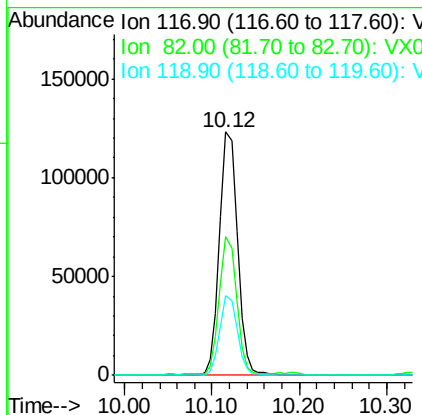
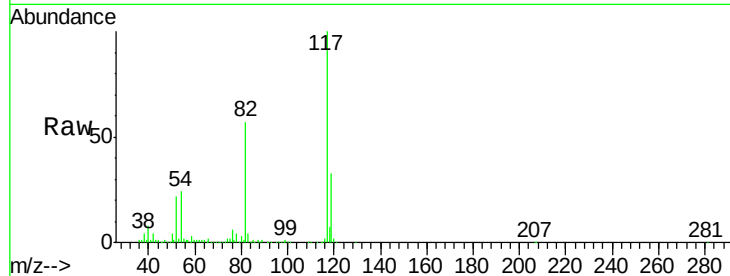
ClientSampleId :

BS-BASELINEWATER

Tot Ion:	117	Resp:	177781
Ion Ratio	Lower	Upper	
117	100		
82	56.5	44.8	67.2
119	32.8	25.5	38.3

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#67

Ethyl Benzene

Concen: 15.115 ug/l

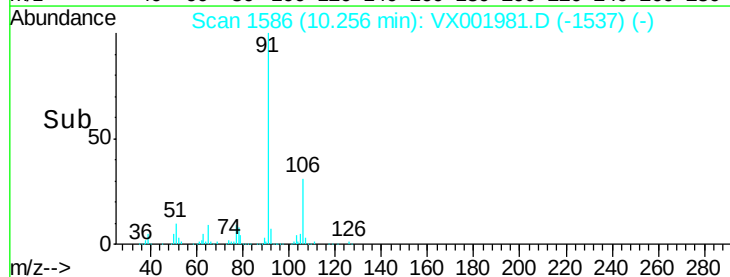
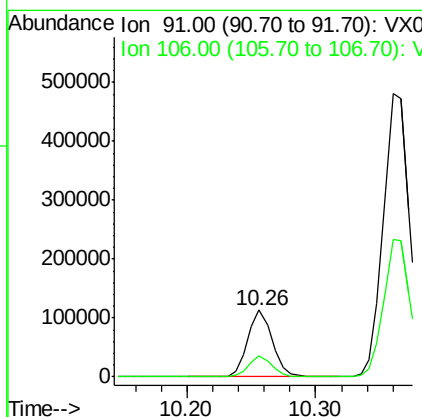
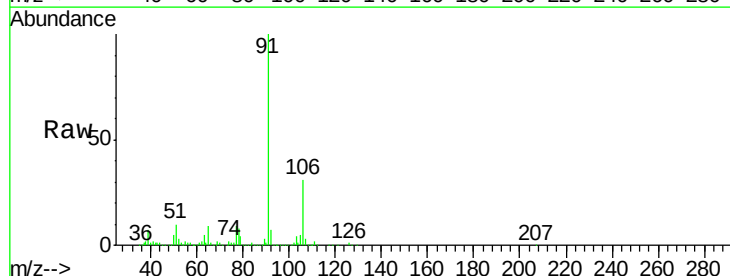
RT: 10.26 min Scan# 1586

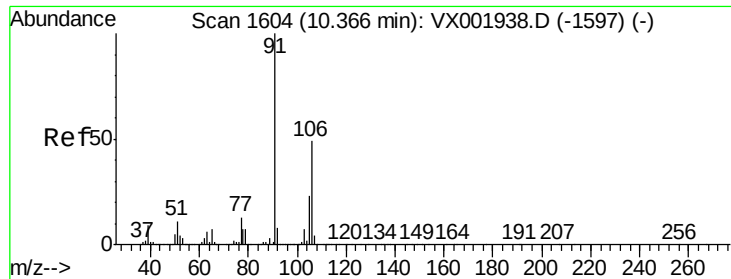
Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Tgt Ion:	91	Resp:	147915
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.0	37.6





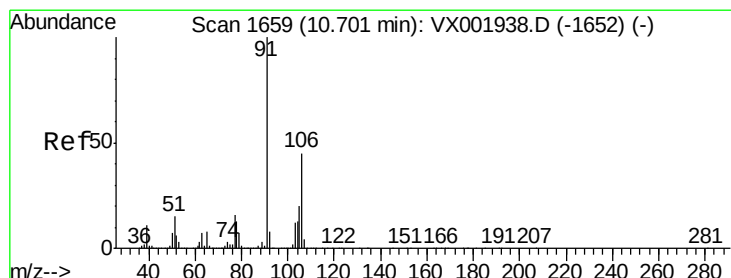
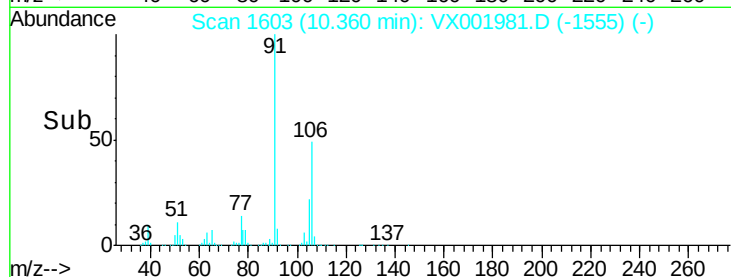
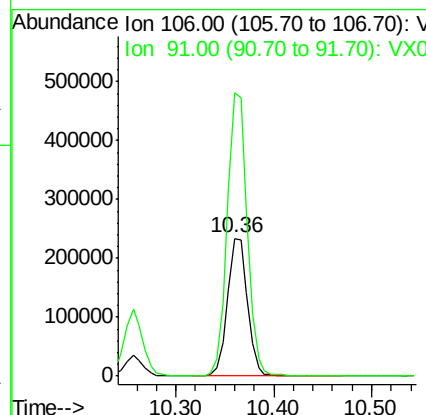
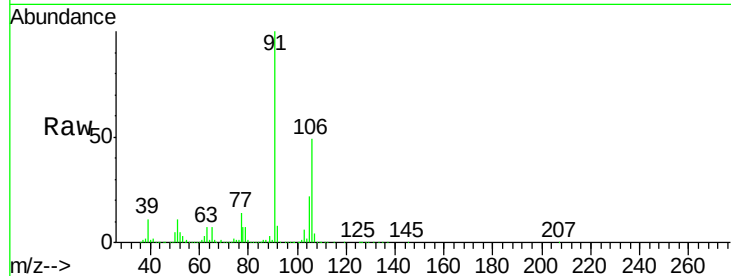
#68
m/p-Xylenes
Concen: 88.697 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

Tot Ion:106 Resp: 331808
Ion Ratio Lower Upper
106 100
91 206.3 165.0 247.6

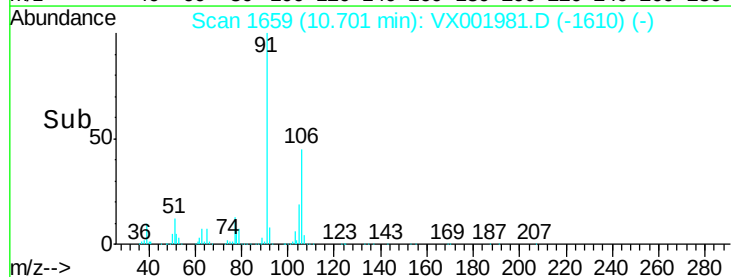
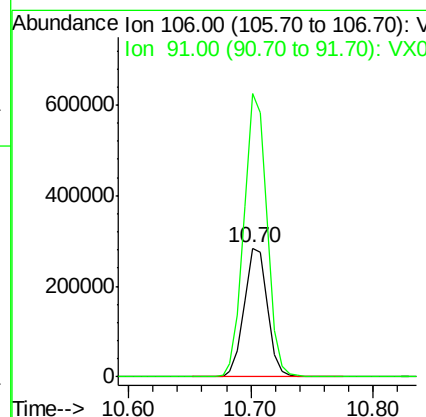
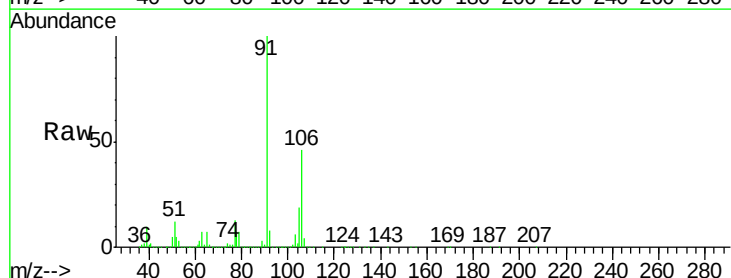
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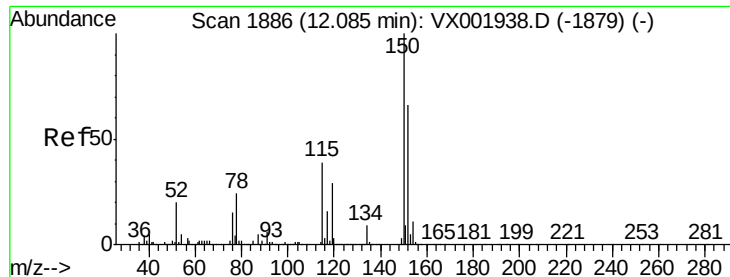
MMDadoda
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#69
o-Xylene
Concen: 99.533 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Tgt Ion:106 Resp: 371780
Ion Ratio Lower Upper
106 100
91 218.2 108.7 325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

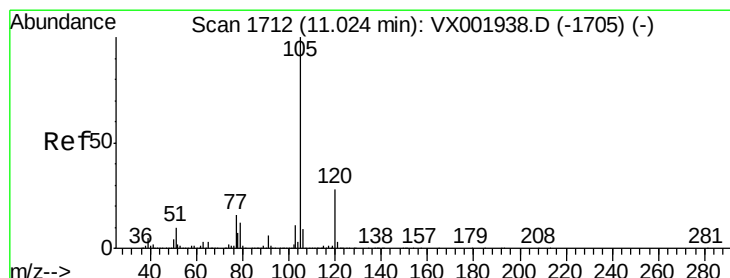
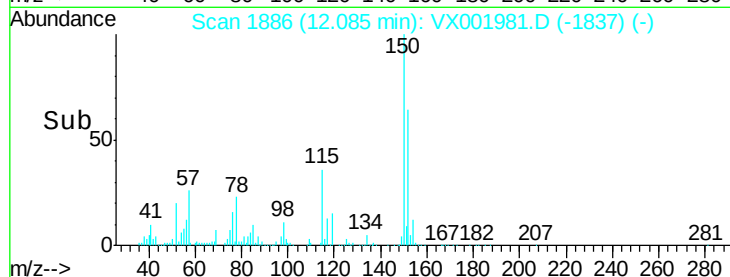
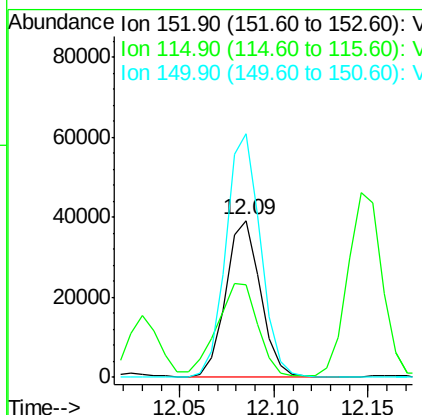
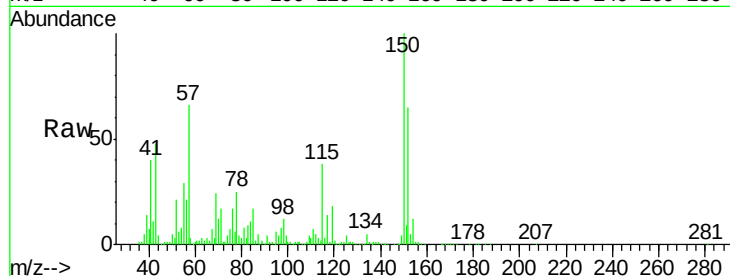
ClientSampleId :

BS-BASELINEWATER

Tot Ion:	152	Resp:	49545
Ion Ratio	Lower	Upper	
152	100		
115	69.8	42.3	126.8
150	156.8	0.0	351.0

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#73

Isopropylbenzene

Concen: 18.388 ug/l

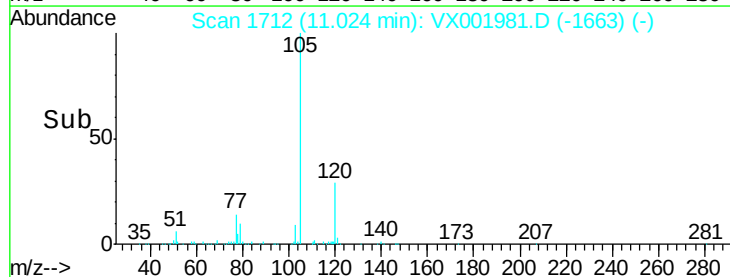
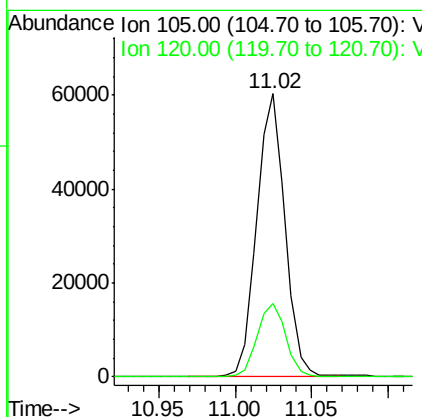
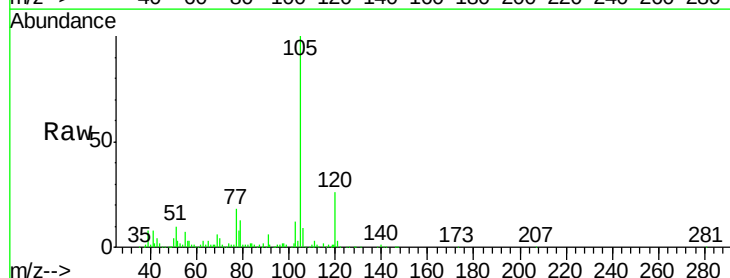
RT: 11.02 min Scan# 1712

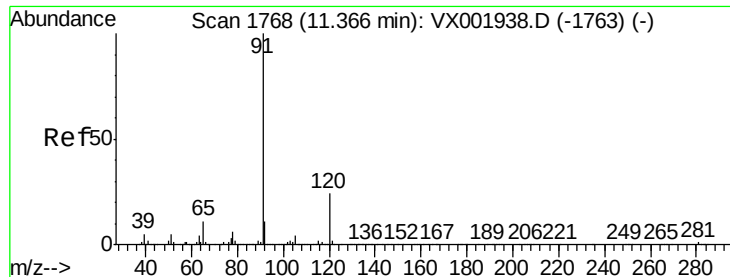
Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Tgt Ion:	105	Resp:	77147
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.6	40.7





#78

n-propylbenzene

Concen: 74.894 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001981.D

Acq: 25 May 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

BS-BASELINEWATER

Tot Ion: 91 Resp: 351920

Ion Ratio Lower Upper

91 100

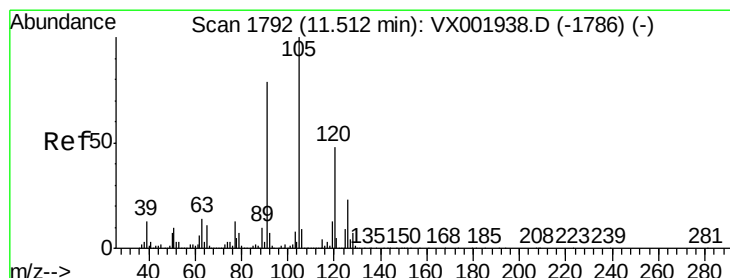
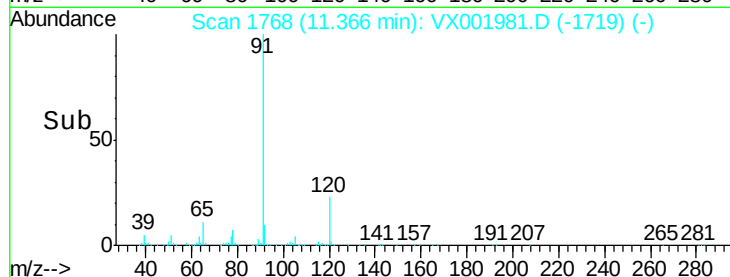
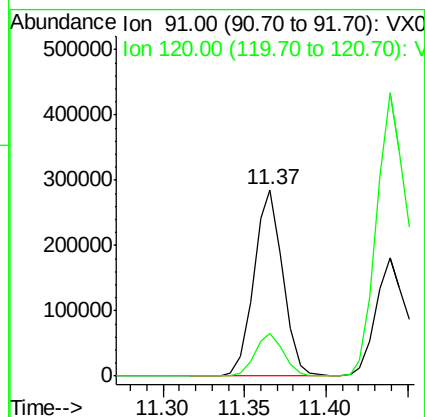
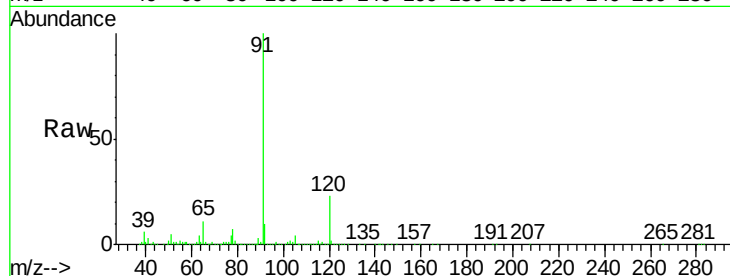
120 22.9 11.9 35.7

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#80

1,3,5-Trimethylbenzene

Concen: 235.927 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001981.D

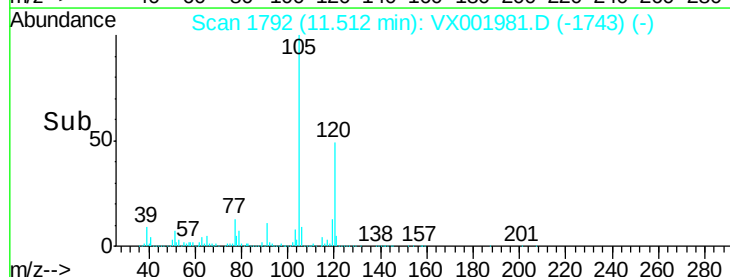
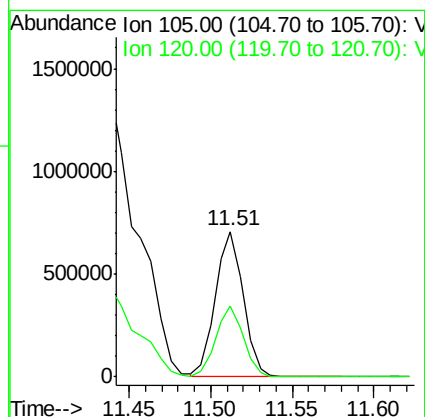
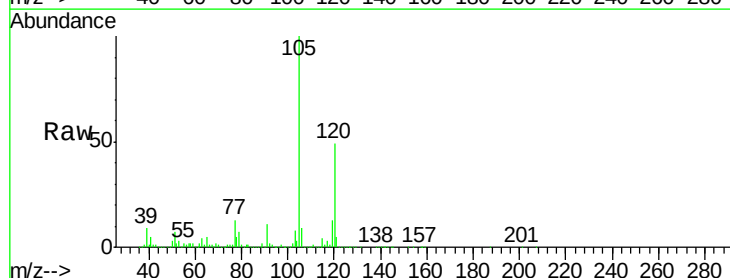
Acq: 25 May 2018 17:03

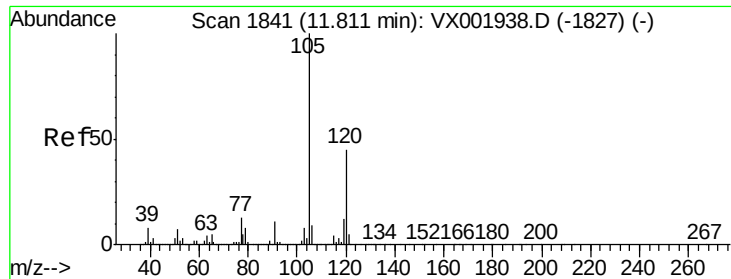
Tgt Ion: 105 Resp: 845906

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4





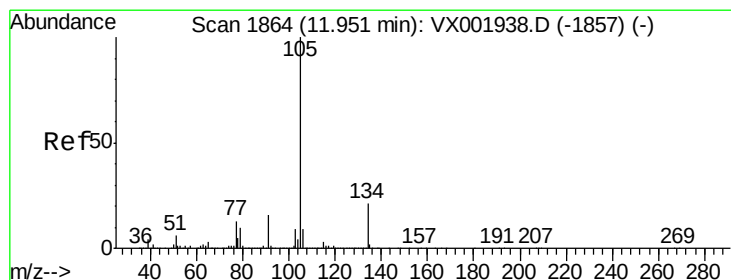
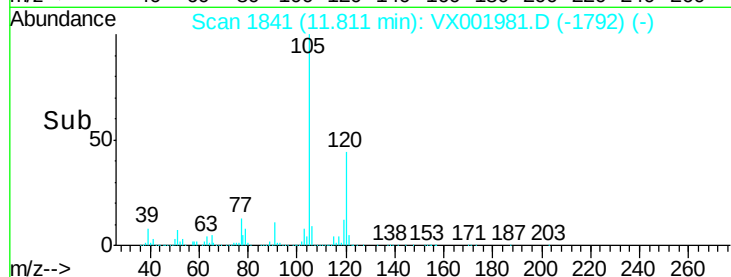
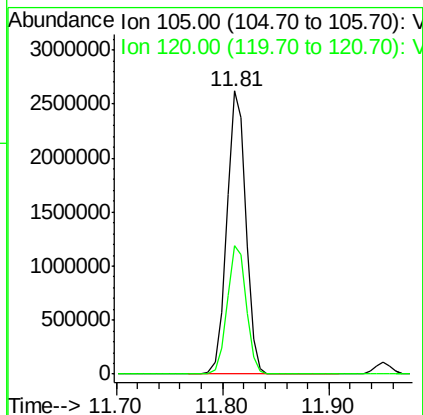
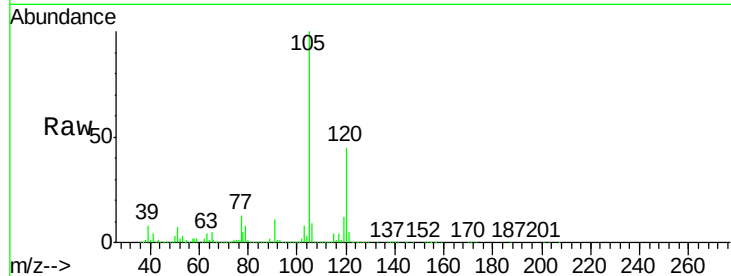
#84
 1,2,4-Trimethylbenzene
 Concen: 880.400 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001981.D
 Acq: 25 May 2018 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-BASELINEWATER

Tot Ion:105 Resp: 3262061
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.1 66.5

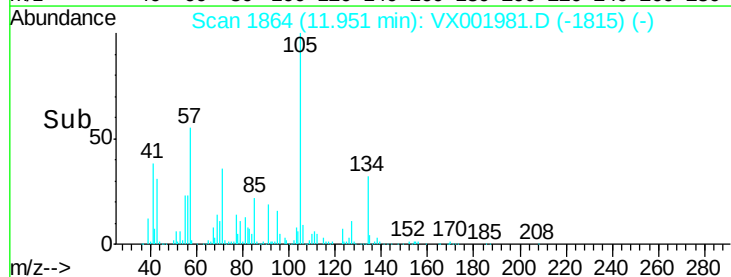
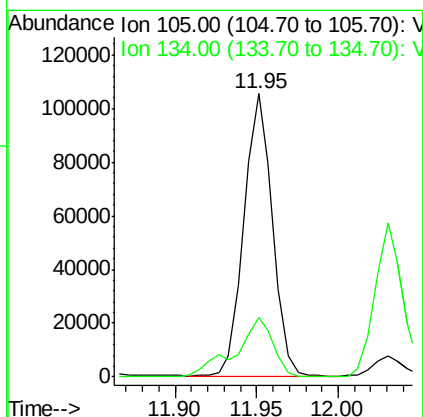
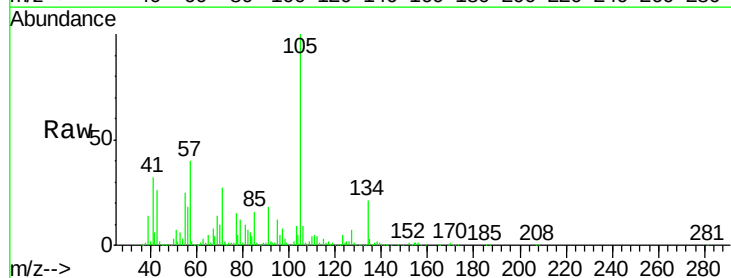
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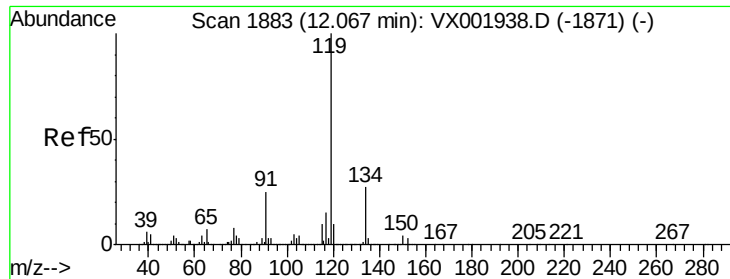
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#85
 sec-Butylbenzene
 Concen: 30.260 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001981.D
 Acq: 25 May 2018 17:03

Tgt Ion:105 Resp: 127985
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.4 31.4





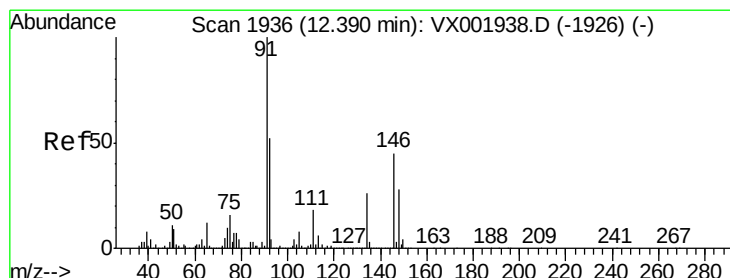
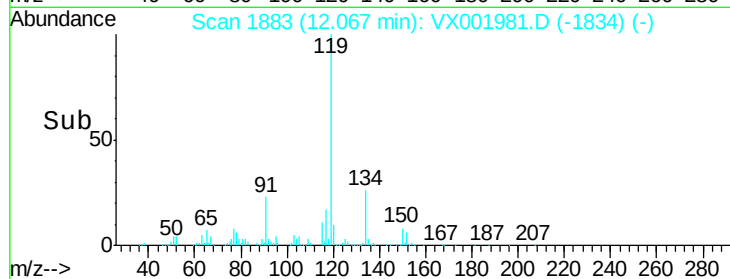
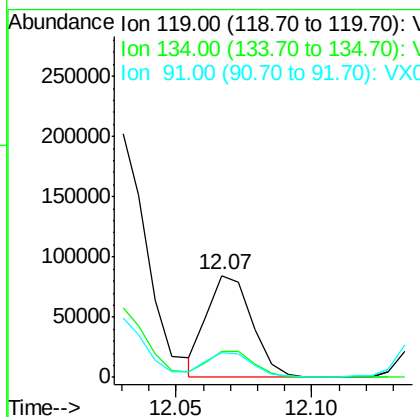
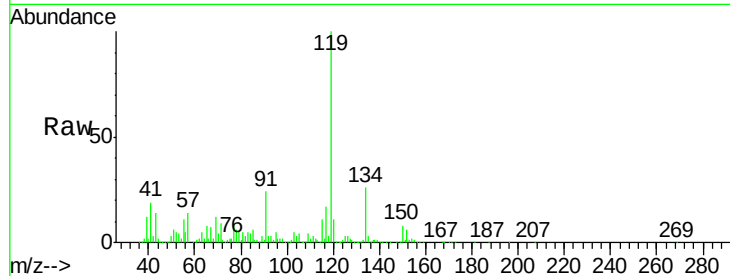
#86
p-Isopropyltoluene
Concen: 25.544 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

Tot Ion	Ratio	Resp	Lower	Upper
119	100	96676		
134	27.0		13.6	40.8
91	25.0		12.2	36.4

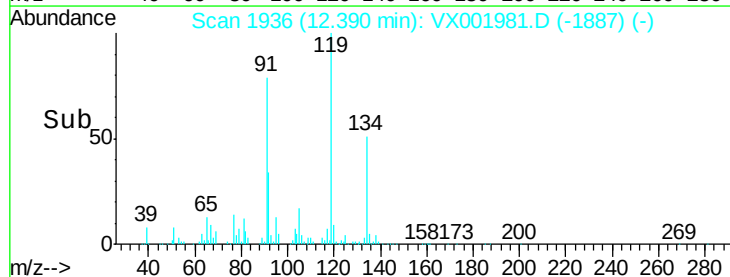
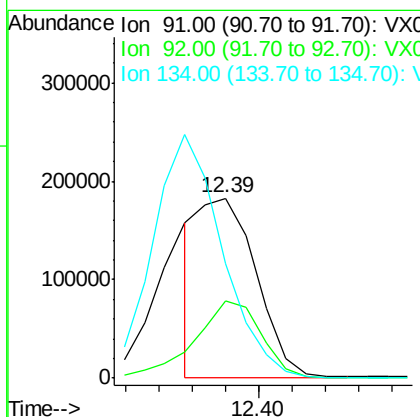
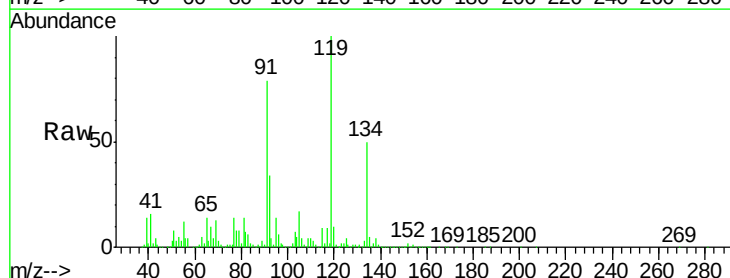
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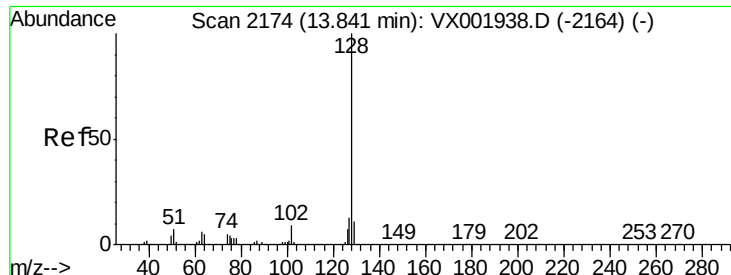
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#89
n-Butylbenzene
Concen: 68.416 ug/l m
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	219404		
92	49.7		26.3	78.9
134	163.2		13.6	40.7#





#95
Naphthalene
Concen: 132.368 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001981.D
Acq: 25 May 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
BS-BASELINEWATER

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.0	10.4	15.6
129	13.8	8.8	13.2

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