

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010144.D
 Acq On : 08 Jun 2019 17:30
 Operator : JC/SP
 Sample : K3249-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20190605

Quant Time: Jun 10 08:01:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	297201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	188881	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	131432	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	5.50	113	138480	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	521989	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	184147	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	

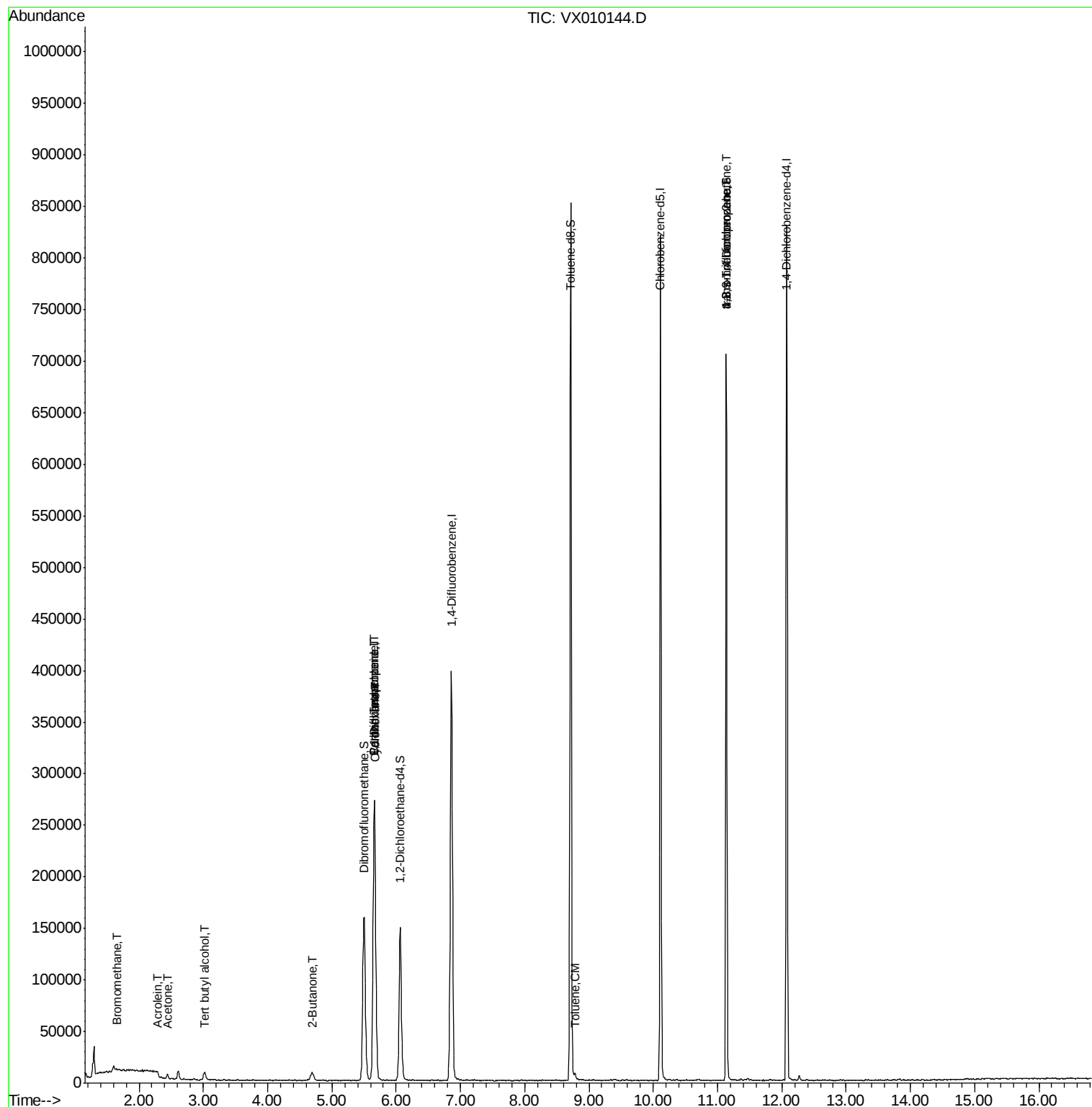
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	540	0.561	ug/l #	54
11) Tert butyl alcohol	3.02	59	5628	7.919	ug/l #	83
13) Acrolein	2.29	56	251	1.937	ug/l #	1
16) Acetone	2.44	43	4996	3.662	ug/l #	75
25) 2-Butanone	4.69	43	1694	0.834	ug/l #	65
31) Cyclohexane	5.67	56	4501	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17580	4.792	ug/l #	52
38) Carbon Tetrachloride	5.66	117	24915	6.000	ug/l #	17
52) Toluene	8.78	92	1821	0.244	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	81571	21.591	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	81571	47.704	ug/l #	10

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

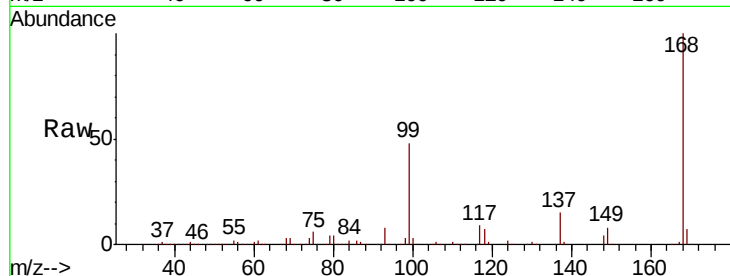
BP-EB02-20190605

Tgt Ion: 168 Resp: 297201

Ion Ratio Lower Upper

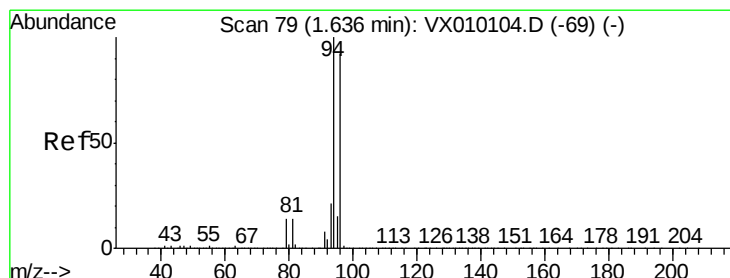
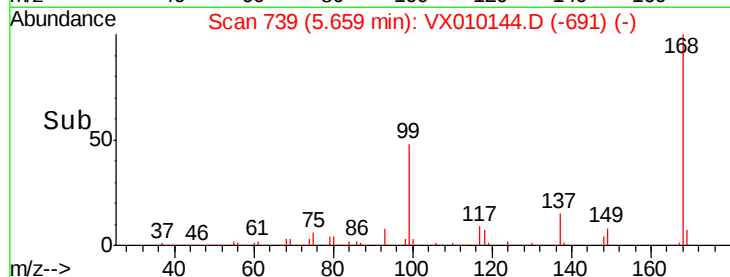
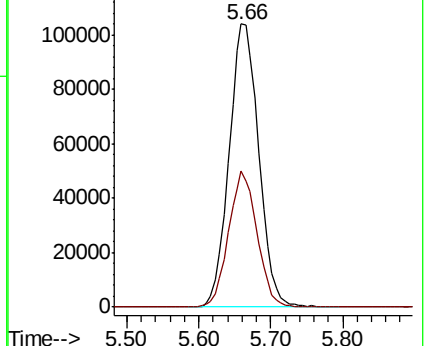
168 100

99 48.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.561 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010144.D

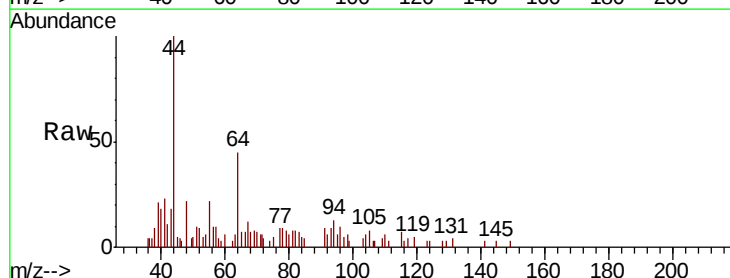
Acq: 08 Jun 2019 17:30

Tgt Ion: 94 Resp: 540

Ion Ratio Lower Upper

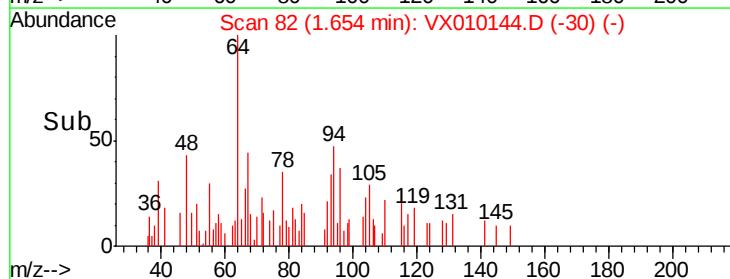
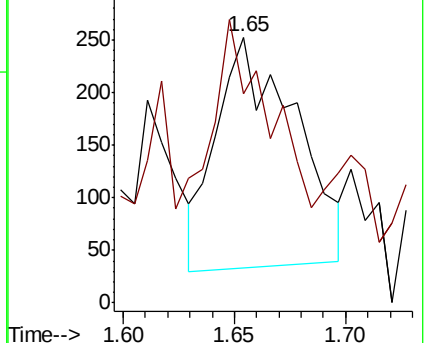
94 100

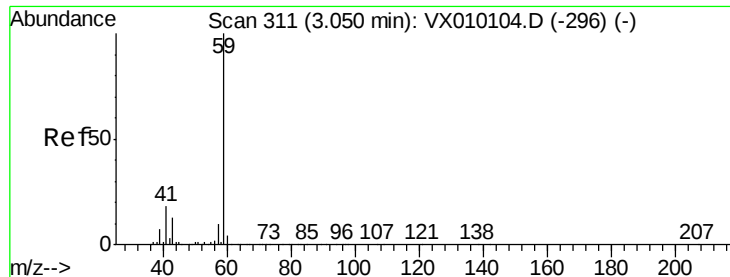
96 50.9 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

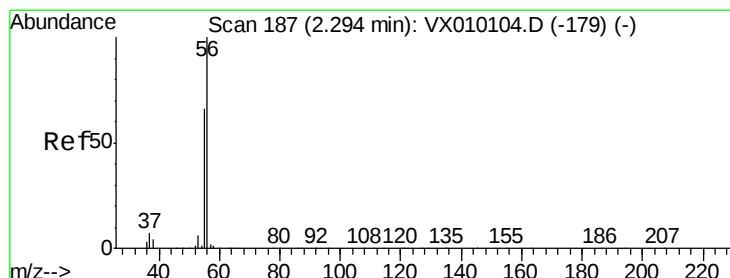
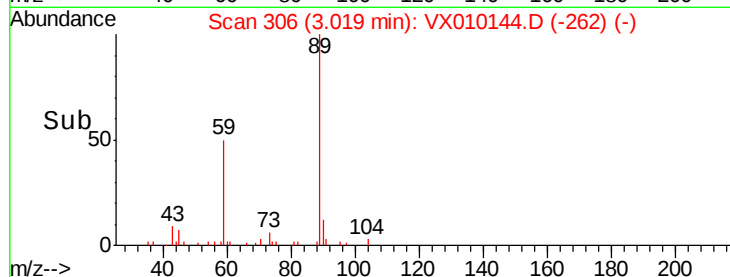
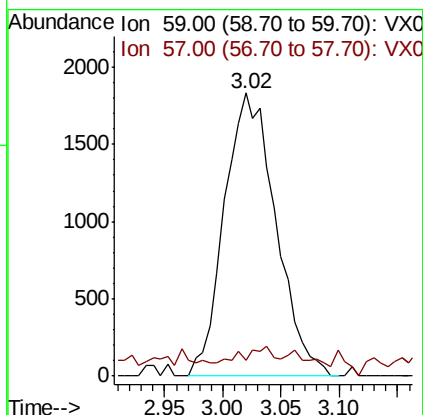
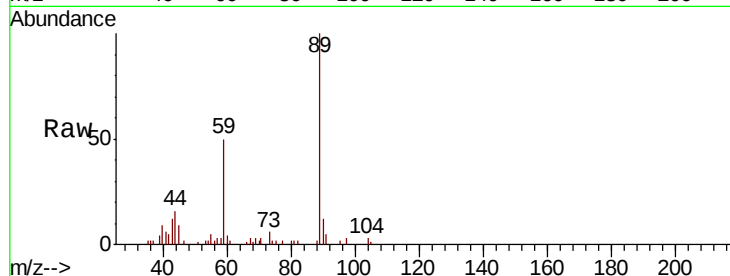




#11
Tert butyl alcohol
Concen: 7.919 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

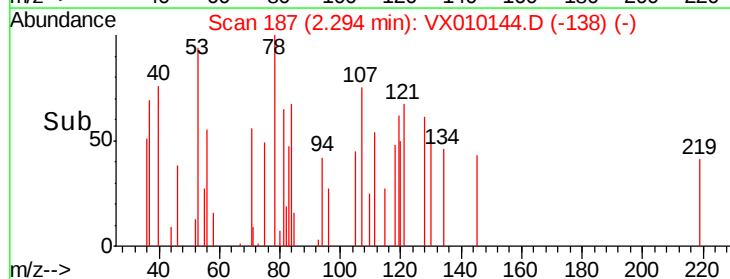
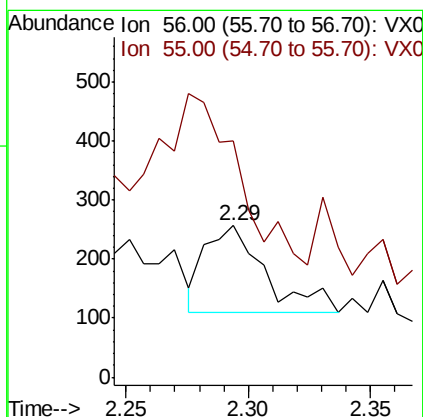
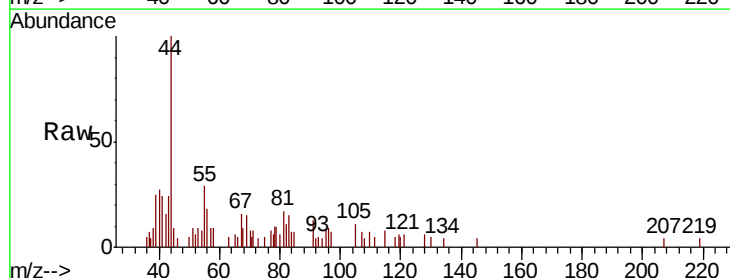
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

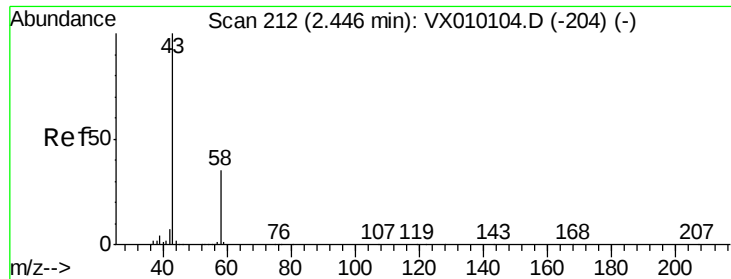
Tgt Ion: 59 Resp: 5628
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.2#



#13
Acrolein
Concen: 1.937 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 257.8 57.0 85.4#

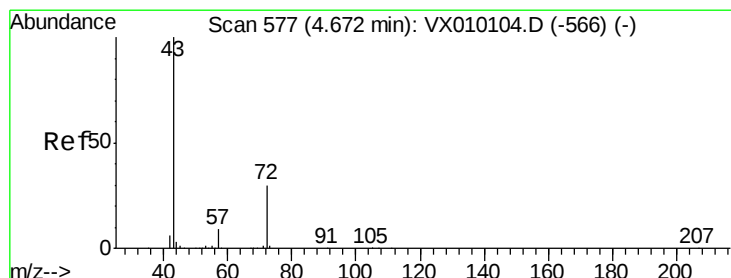
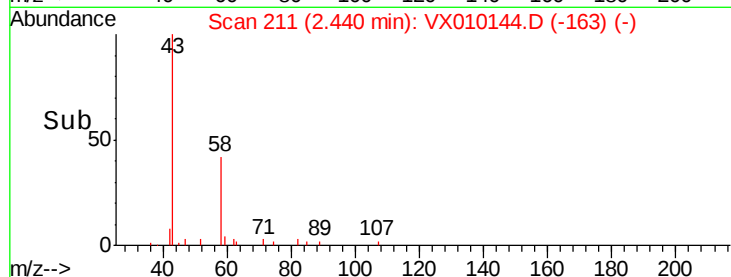
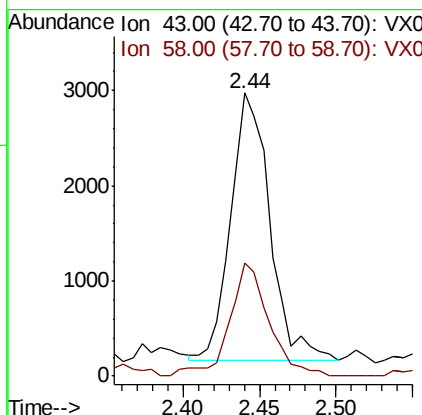
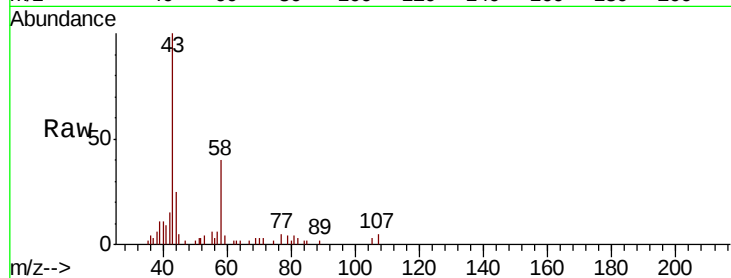




#16
Acetone
Concen: 3.662 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

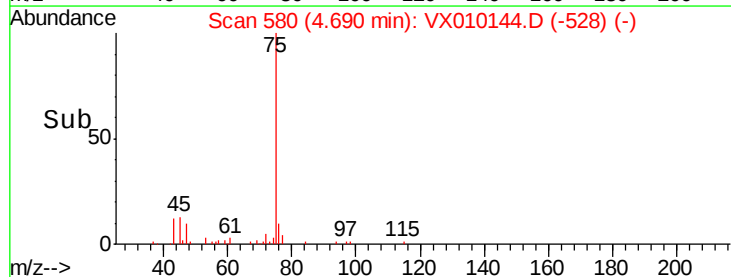
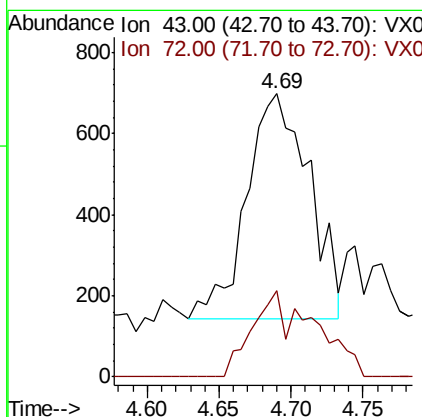
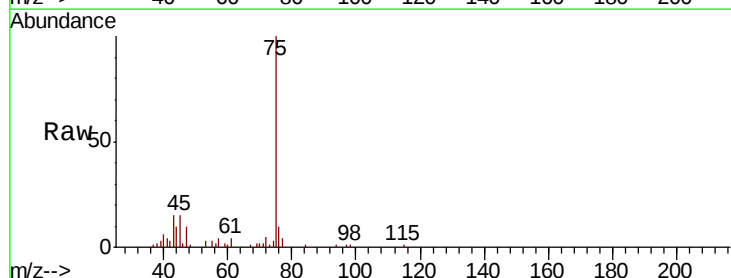
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

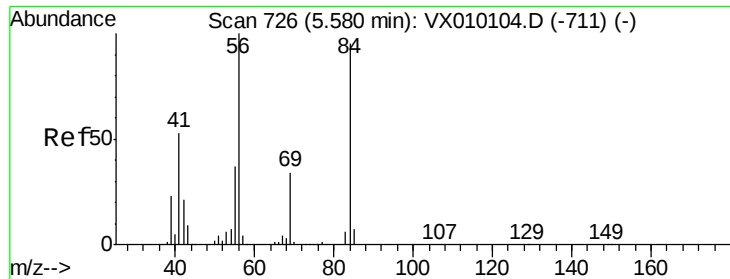
Tgt Ion: 43 Resp: 4996
Ion Ratio Lower Upper
43 100
58 42.3 23.2 34.8#



#25
2-Butanone
Concen: 0.834 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
72 38.5 17.5 26.3#

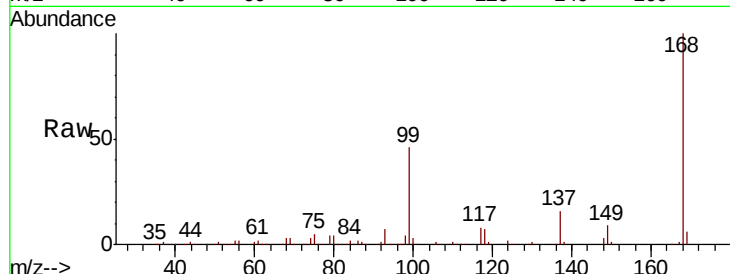




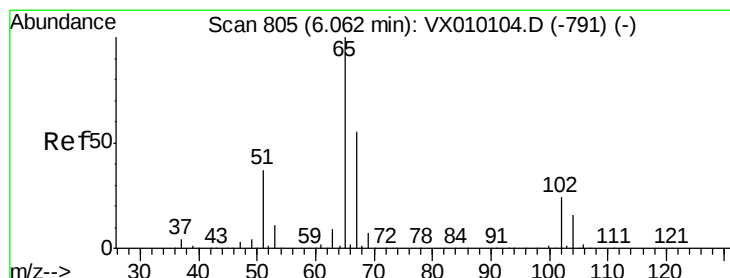
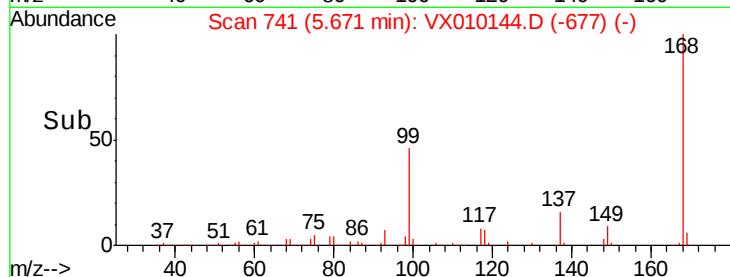
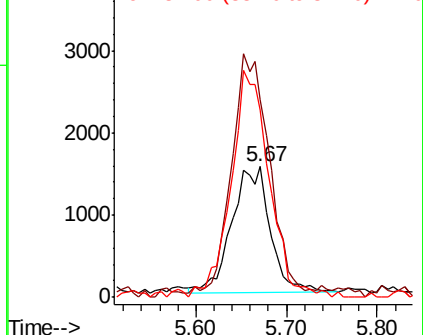
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.09 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

Tgt Ion: 56 Resp: 4501
Ion Ratio Lower Upper
56 100
69 154.0 21.6 32.4#
84 150.3 56.8 85.2#

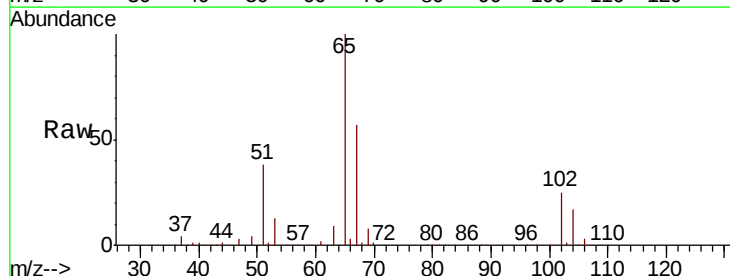


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

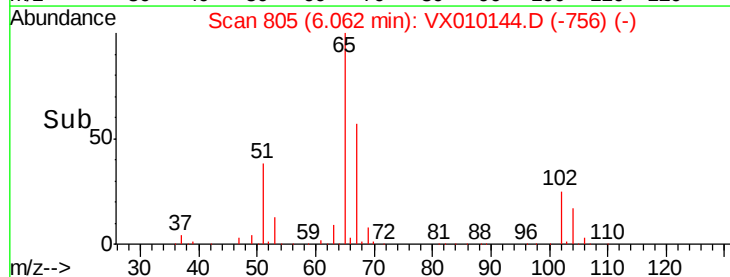
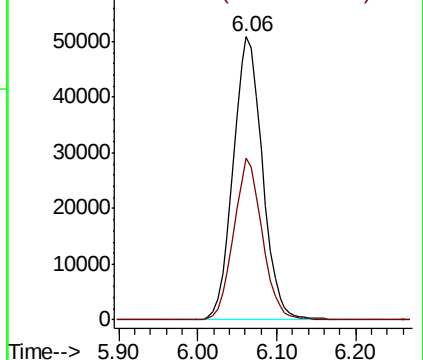


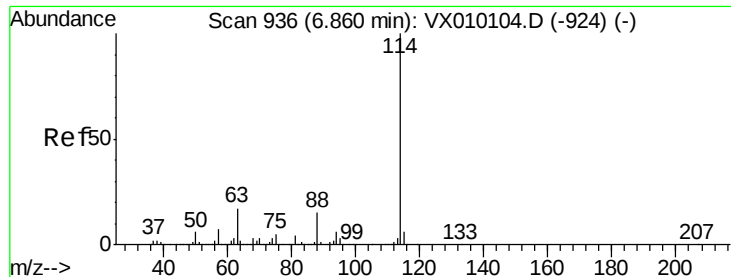
#33
1,2-Dichloroethane-d4
Concen: 45.305 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion: 65 Resp: 131432
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

BP-EB02-20190605

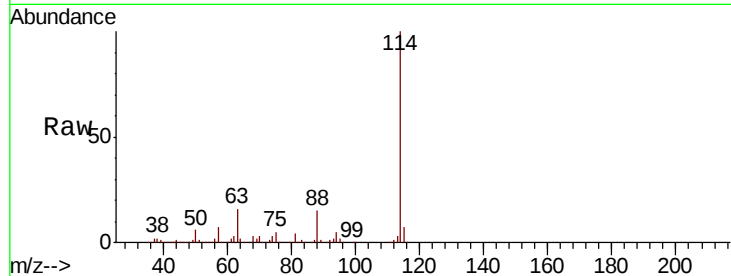
Tgt Ion:114 Resp: 449690

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

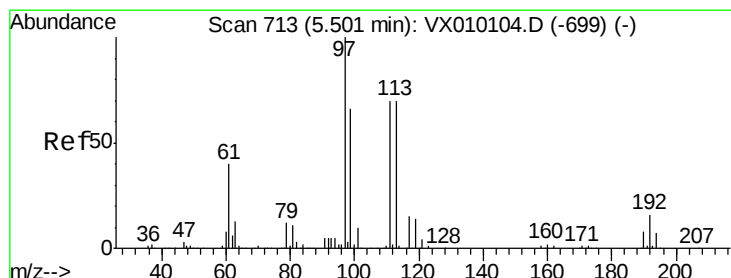
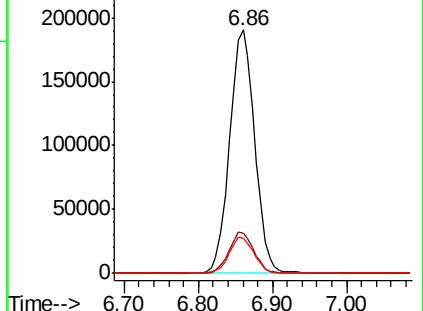
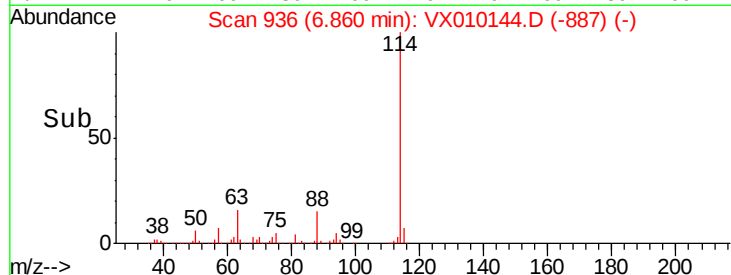
88 14.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.924 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

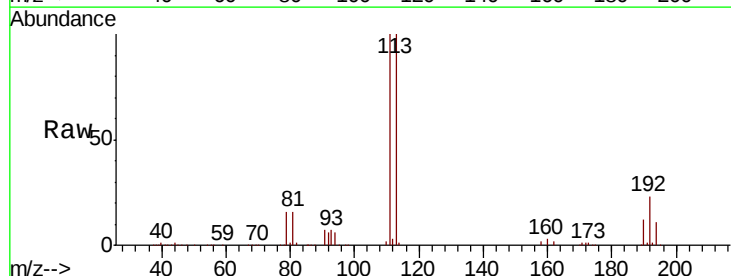
Tgt Ion:113 Resp: 138480

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

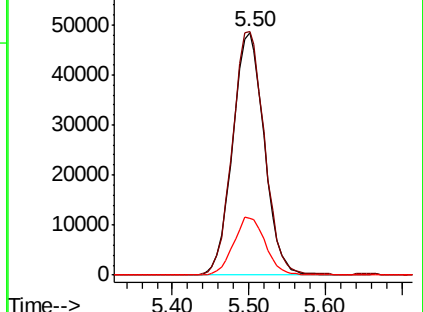
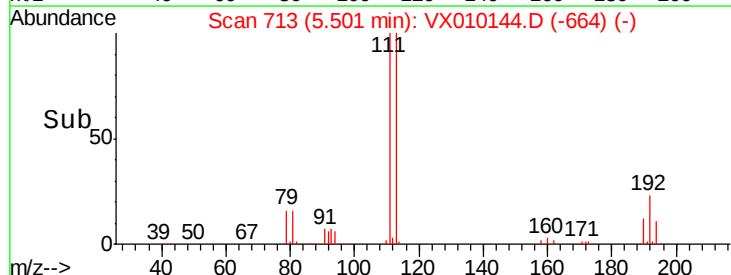
192 24.0 17.1 25.7

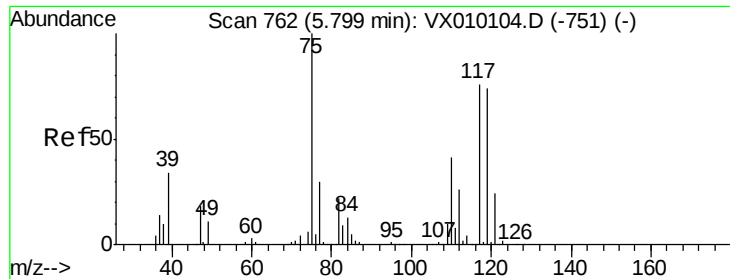


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

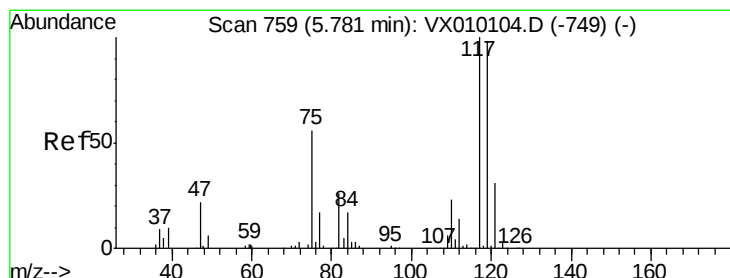
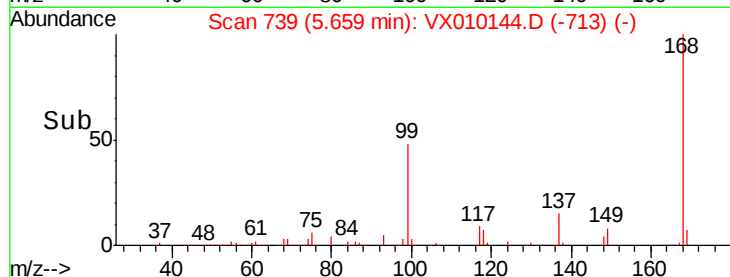
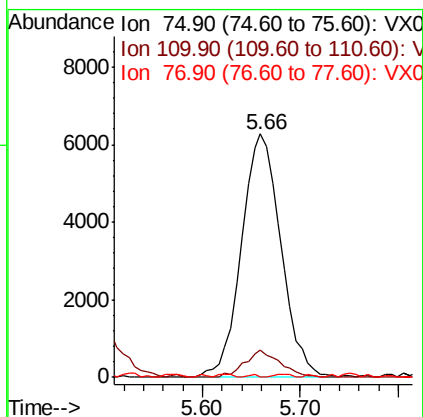
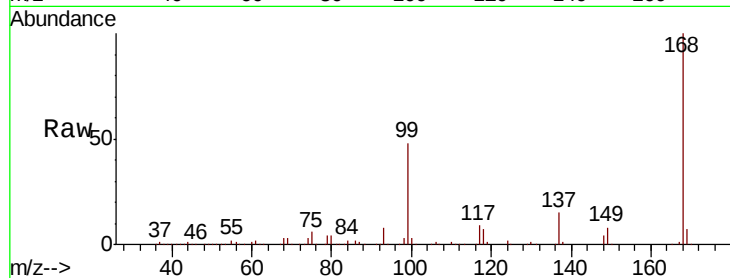




#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010144.D
 Acq: 08 Jun 2019 17:30

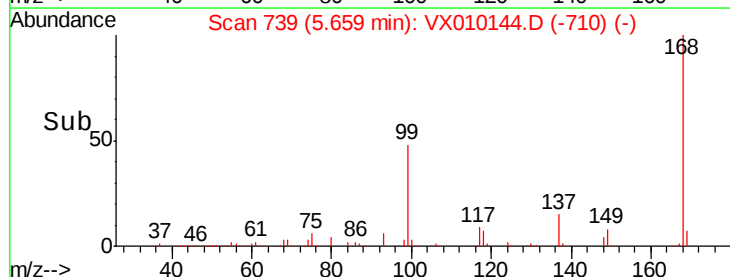
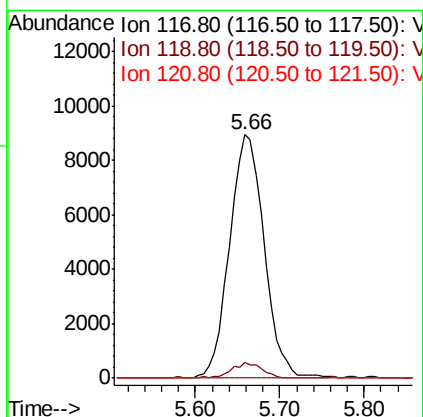
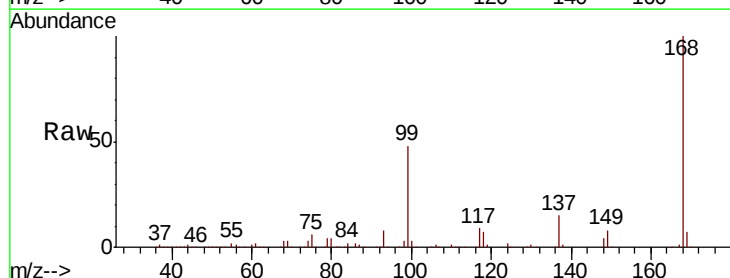
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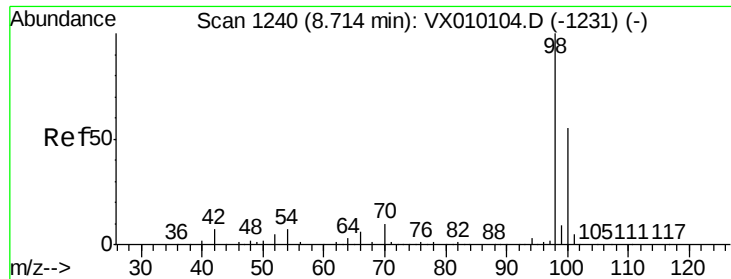
Tgt Ion: 75 Resp: 17580
 Ion Ratio Lower Upper
 75 100
 110 10.2 16.7 50.1#
 77 0.3 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010144.D
 Acq: 08 Jun 2019 17:30

Tgt Ion: 117 Resp: 24915
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.3 115.9#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 50.212 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

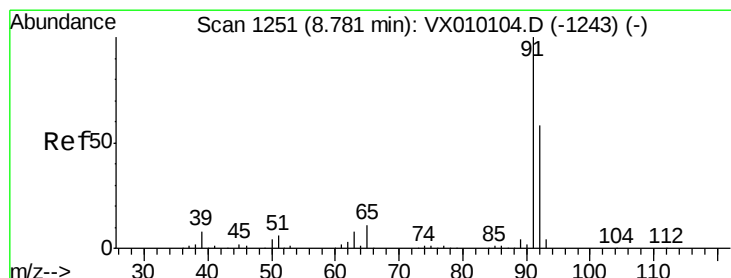
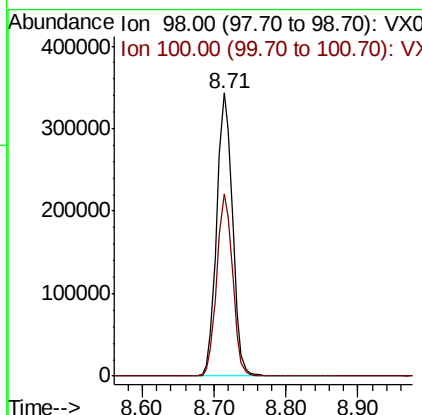
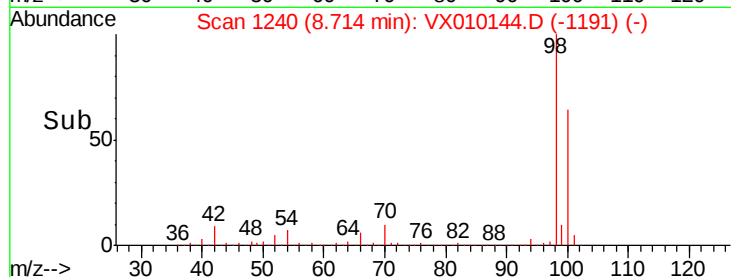
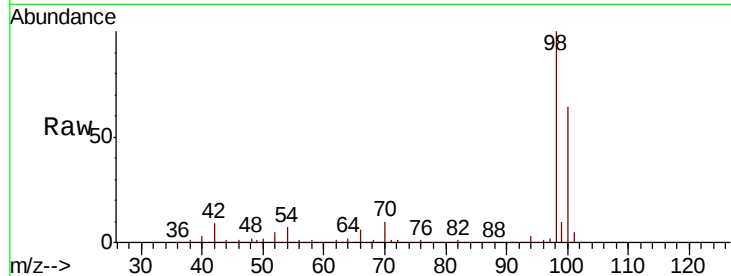
BP-EB02-20190605

Tgt Ion: 98 Resp: 521989

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#52

Toluene

Concen: 0.244 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010144.D

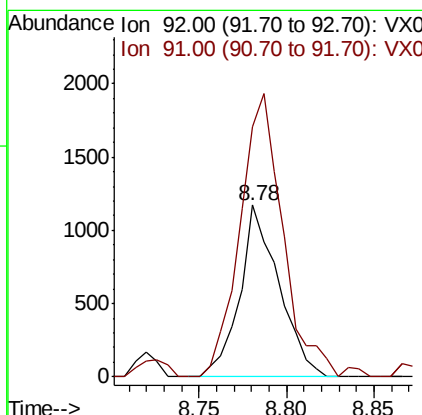
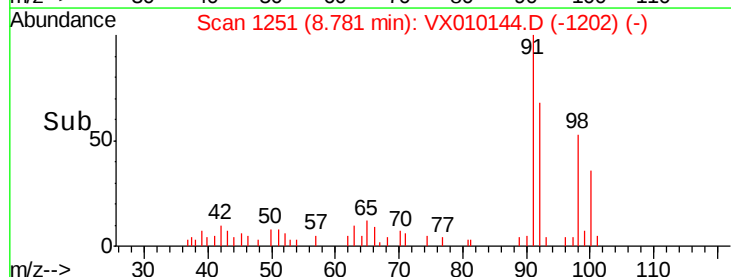
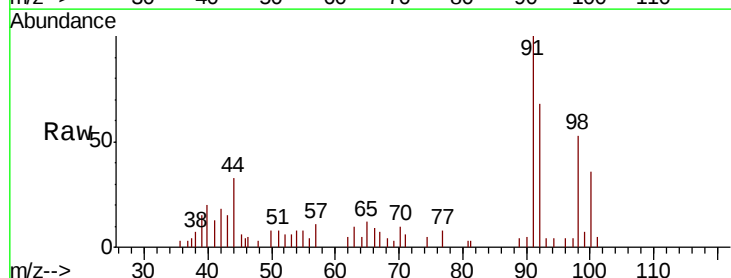
Acq: 08 Jun 2019 17:30

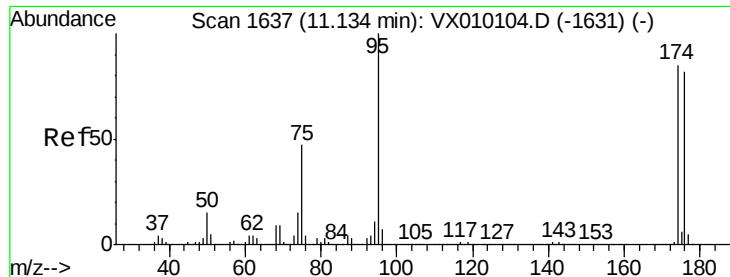
Tgt Ion: 92 Resp: 1821

Ion Ratio Lower Upper

92 100

91 183.1 139.9 209.9

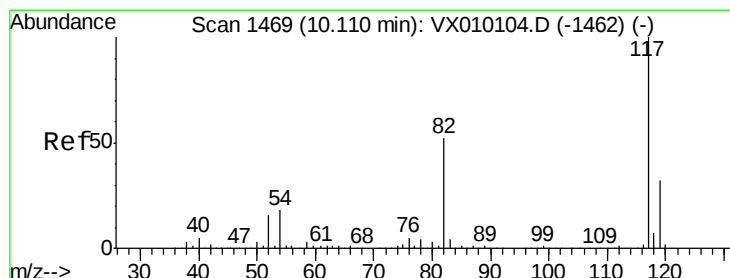
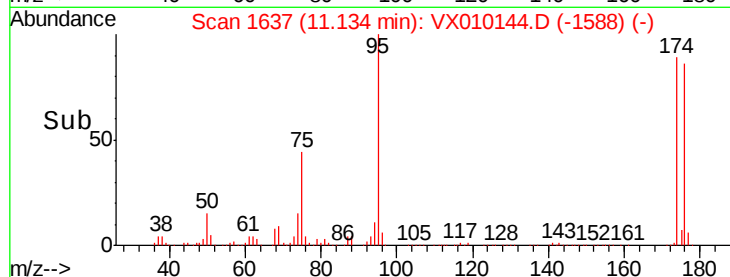
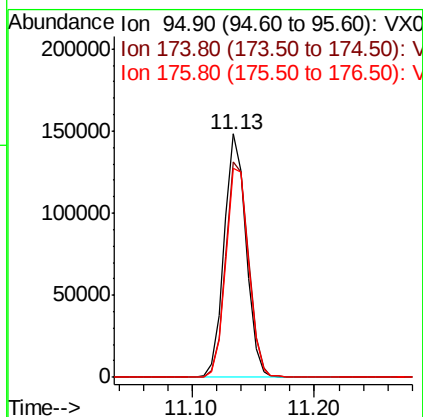
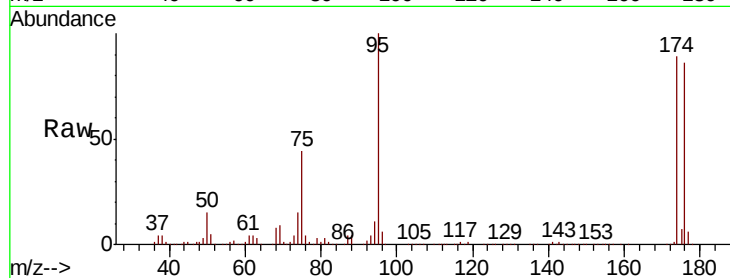




#62
4-Bromofluorobenzene
Concen: 47.431 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

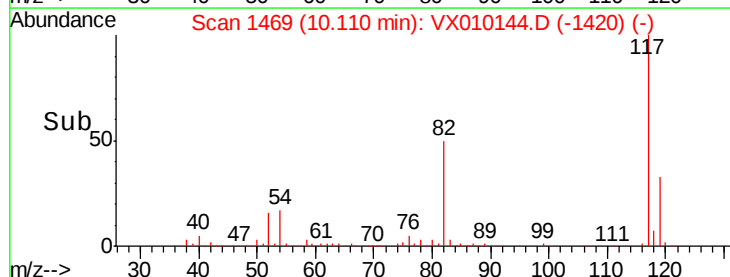
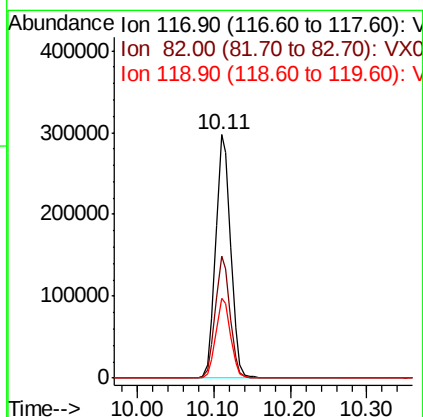
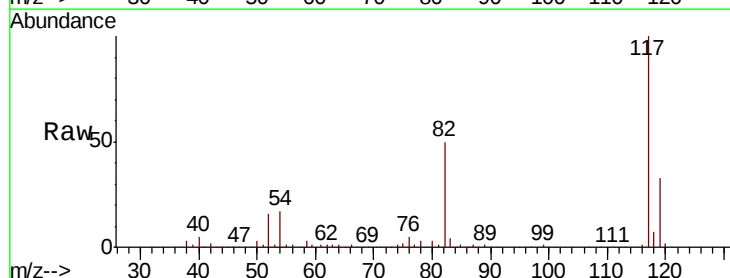
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

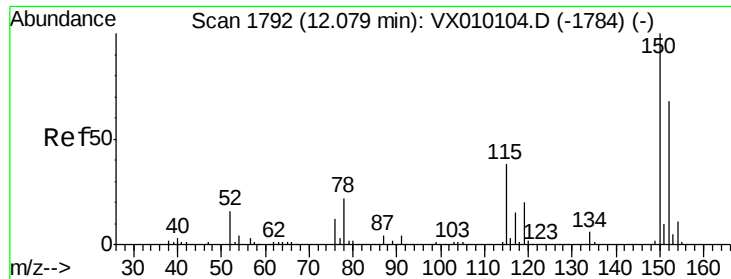
Tgt Ion: 95 Resp: 184147
Ion Ratio Lower Upper
95 100
174 92.2 0.0 160.4
176 89.7 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion: 117 Resp: 403509
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.6 25.2 37.8



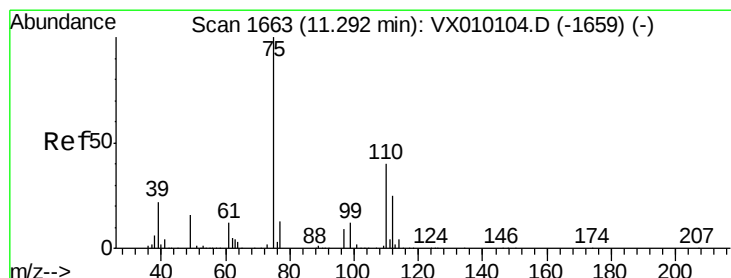
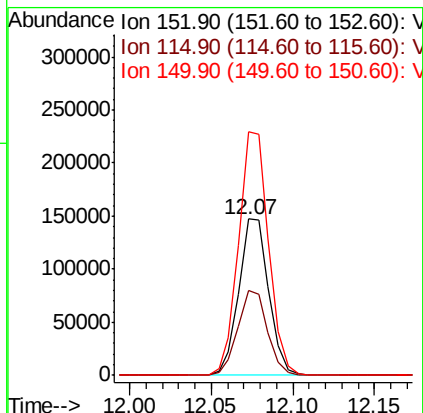
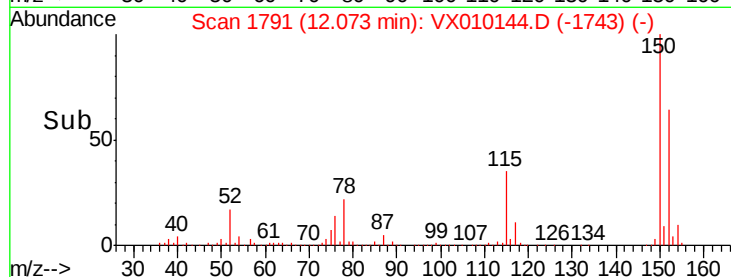
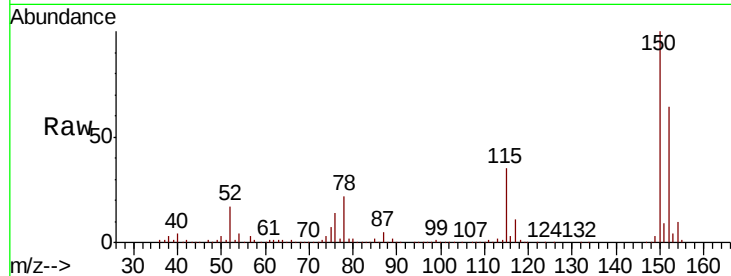


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20190605

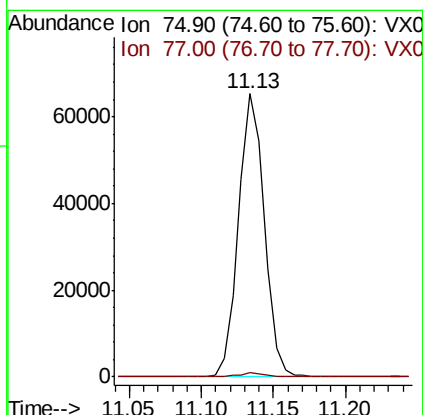
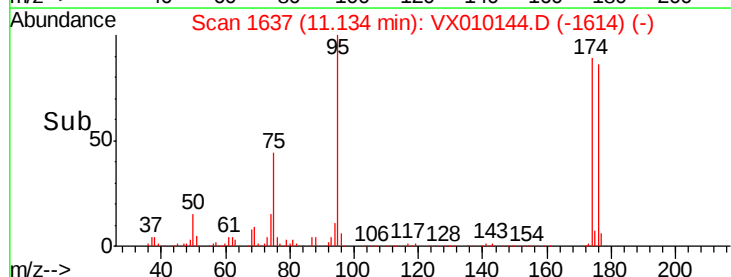
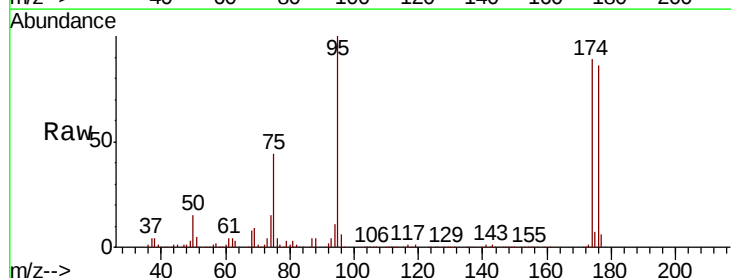
Tgt Ion:152 Resp: 188881
Ion Ratio Lower Upper
152 100
115 53.8 41.4 124.2
150 156.0 0.0 345.2

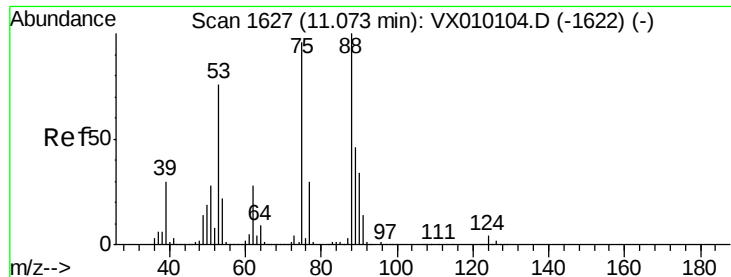


#76

1,2,3-Trichloropropane
Concen: 21.591 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010144.D
Acq: 08 Jun 2019 17:30

Tgt Ion: 75 Resp: 81571
Ion Ratio Lower Upper
75 100
77 1.5 22.1 66.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 47.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010144.D

Acq: 08 Jun 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

BP-EB02-20190605

Tgt Ion: 75 Resp: 81571

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

