

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008364.D
 Acq On : 23 Mar 2019 20:53
 Operator : JC/SP
 Sample : K1937-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20190314

Quant Time: Mar 25 09:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131159	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	167410	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	5.50	113	120925	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	490563	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	159840	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

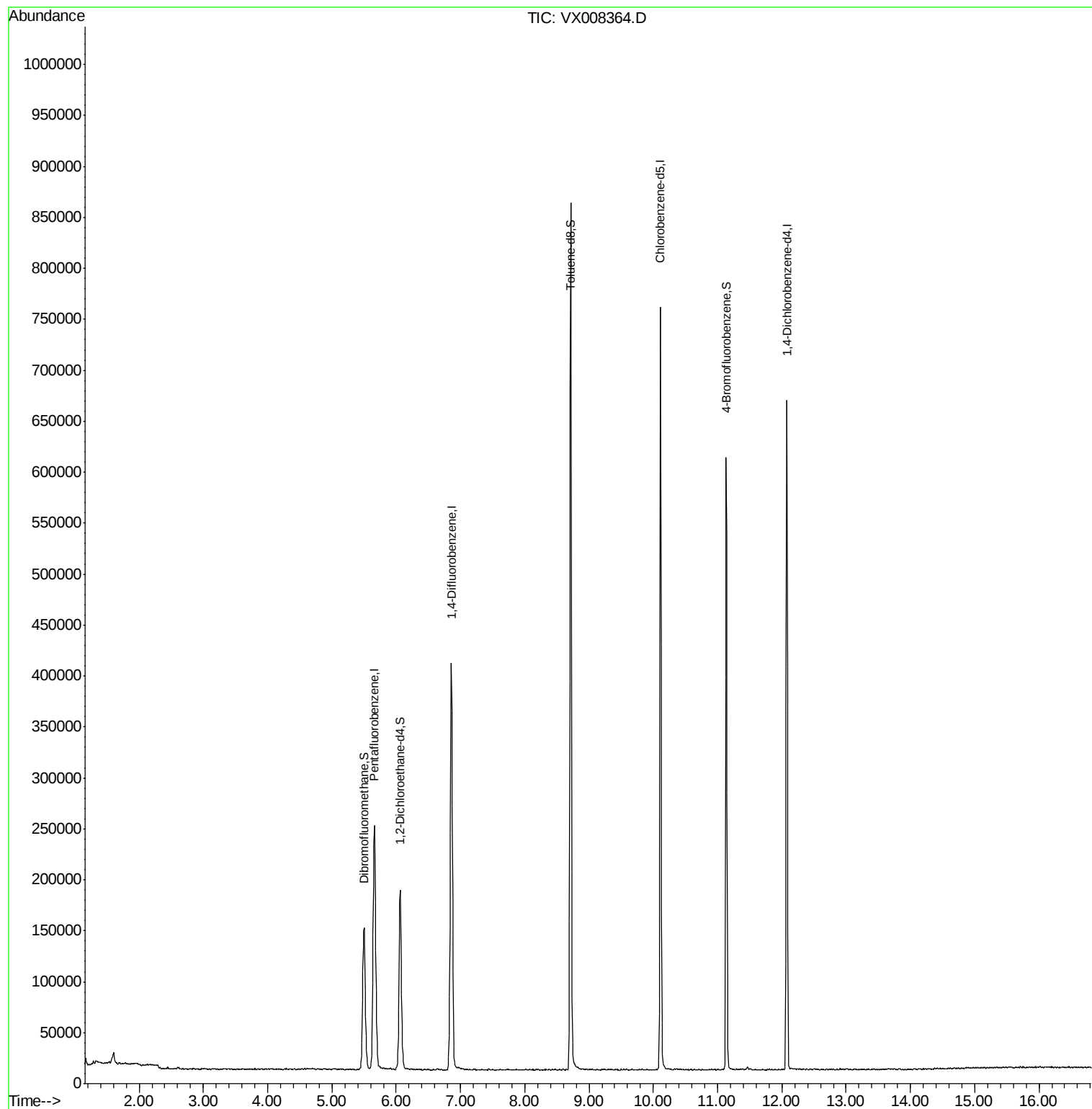
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008364.D

Acq: 23 Mar 2019 20:53

Instrument :

MSVOA_X

ClientSampleId :

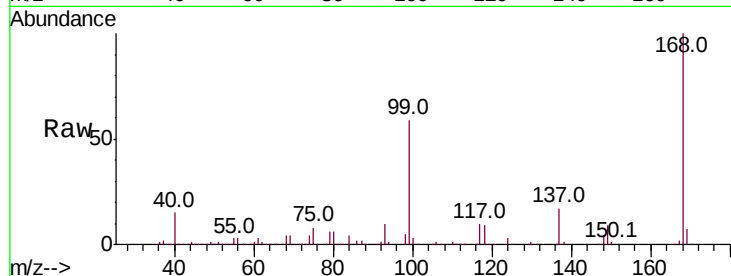
BP-TT-SW4002-20190314

Tot Ion:168 Resp: 222847

Ion Ratio Lower Upper

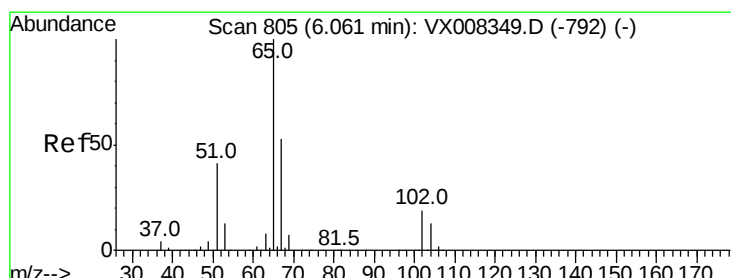
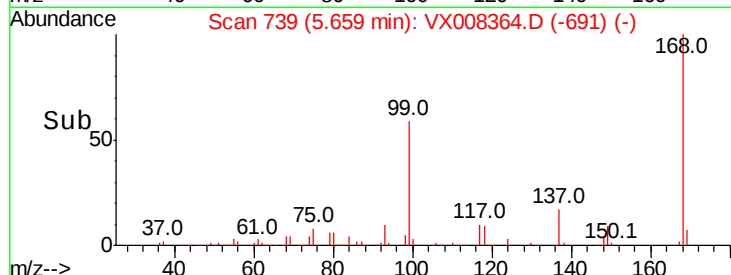
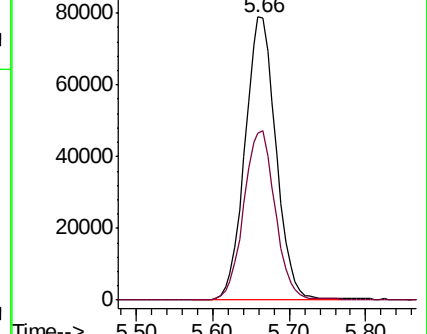
168 100

99 59.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.255 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008364.D

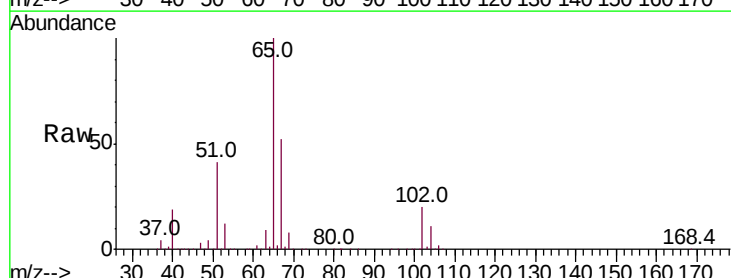
Acq: 23 Mar 2019 20:53

Tgt Ion: 65 Resp: 167410

Ion Ratio Lower Upper

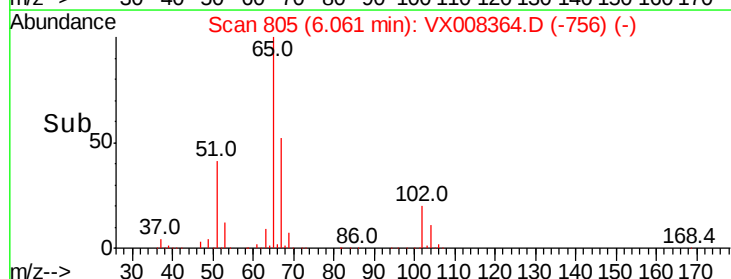
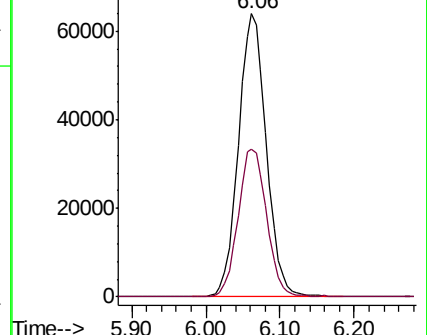
65 100

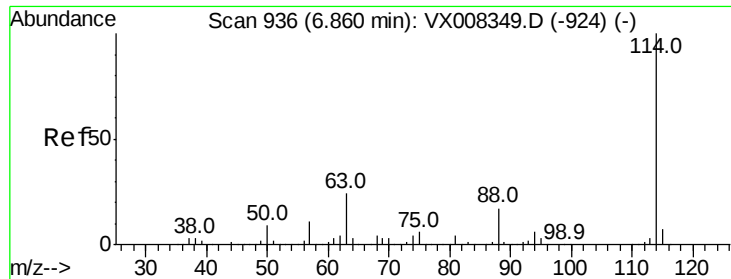
67 53.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

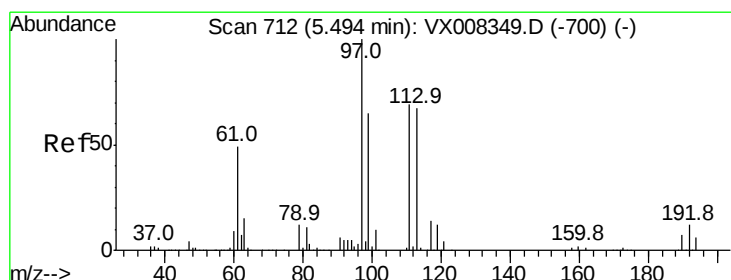
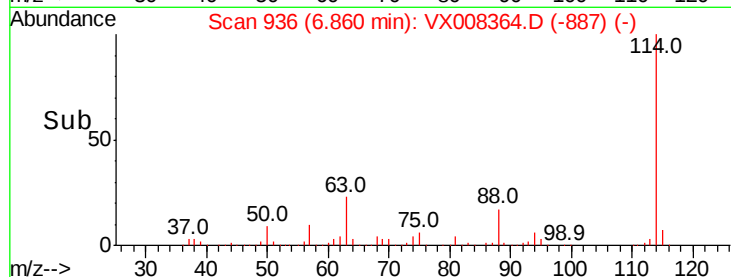
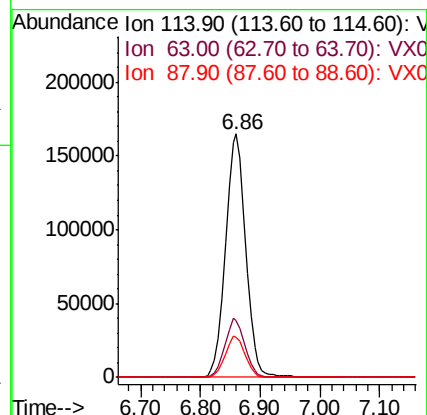
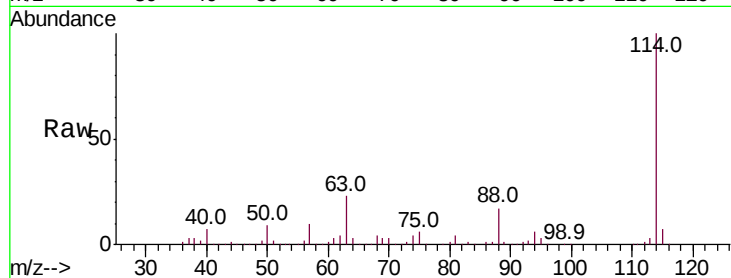




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008364.D
 Acq: 23 Mar 2019 20:53

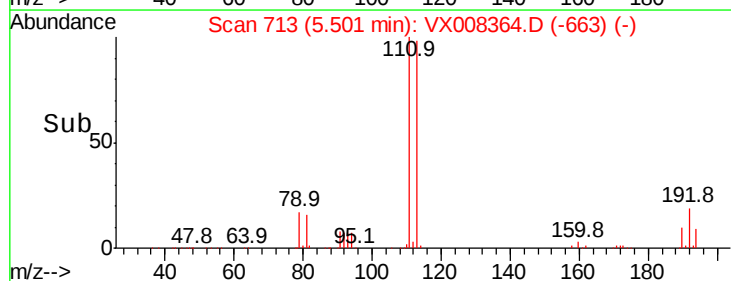
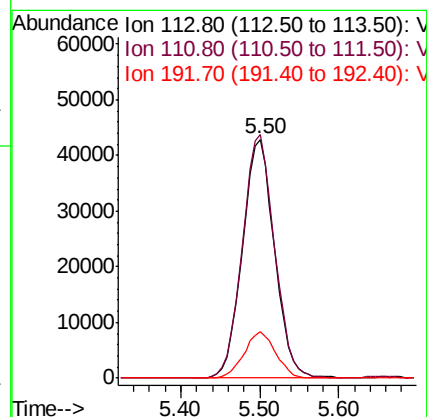
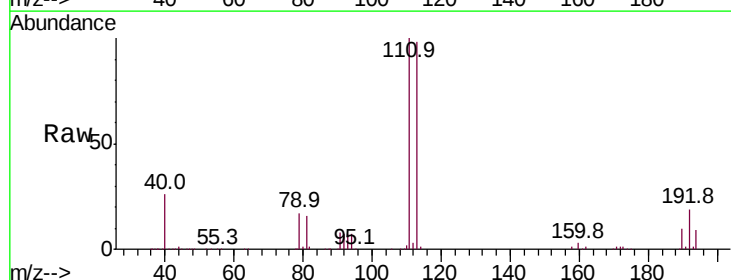
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 MSVOA_X
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 BP-TT-SW4002-20190314

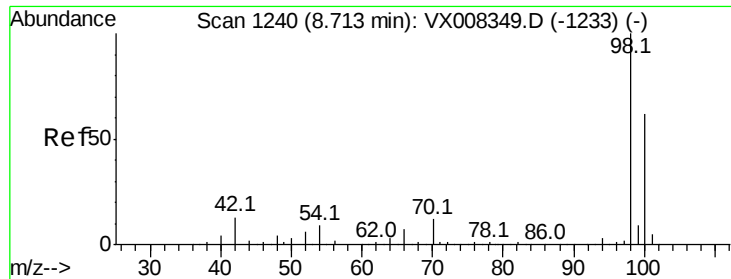
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	39.8
88	16.5	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.923 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008364.D
 Acq: 23 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	19.2	19.4	29.0#

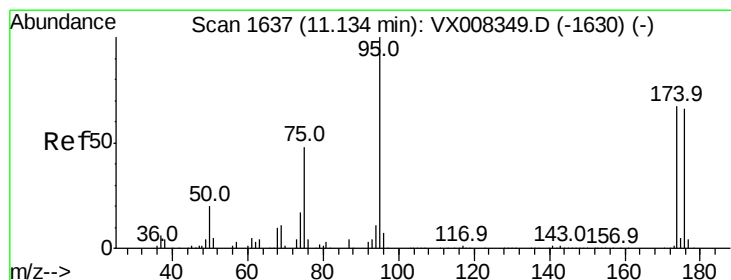
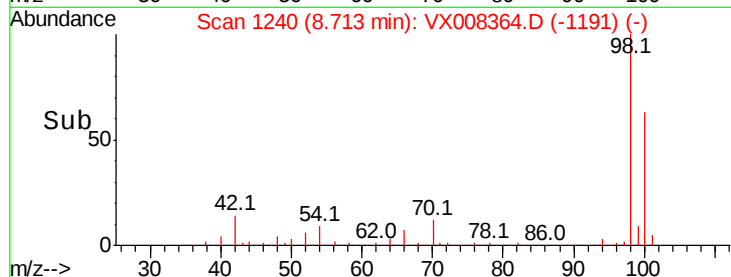
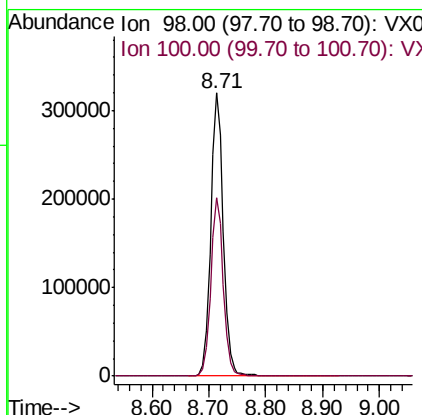
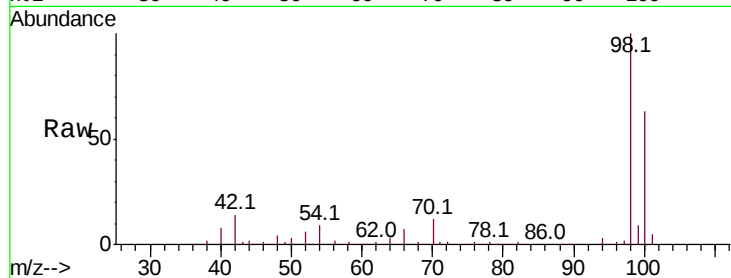




#50
Toluene-d8
Concen: 49.152 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008364.D
Acq: 23 Mar 2019 20:53

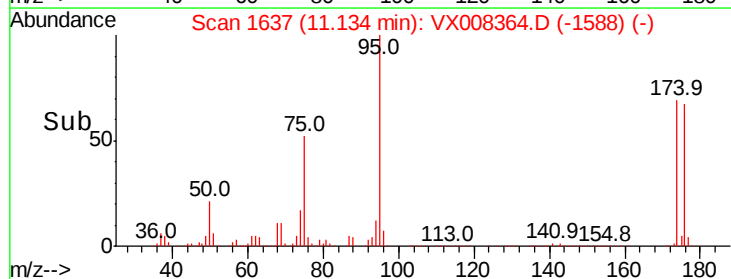
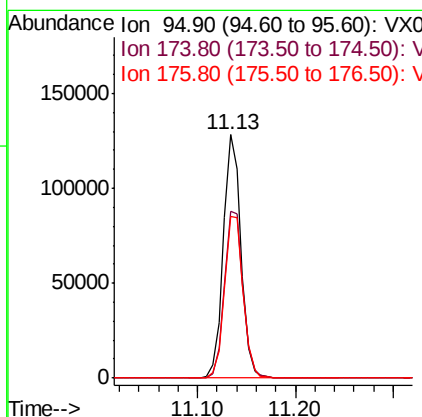
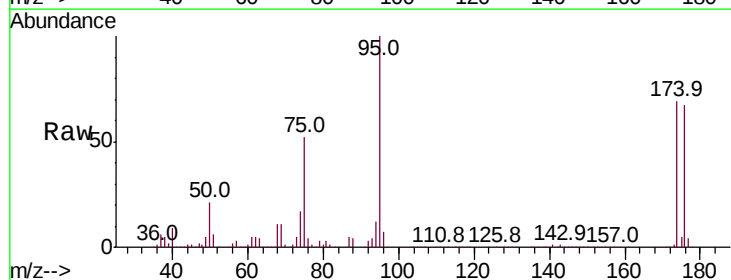
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314

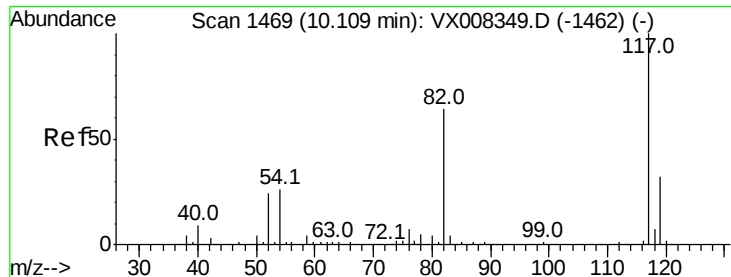
Tot Ion: 98 Resp: 490563
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.619 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008364.D
Acq: 23 Mar 2019 20:53

Tgt Ion: 95 Resp: 159840
Ion Ratio Lower Upper
95 100
174 72.3 0.0 182.8
176 70.4 0.0 178.0

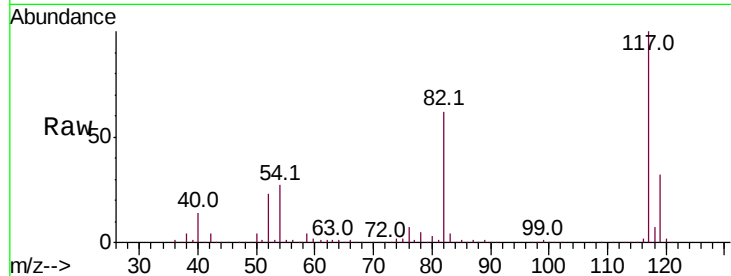




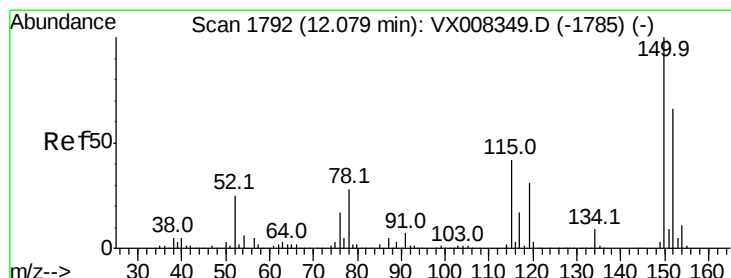
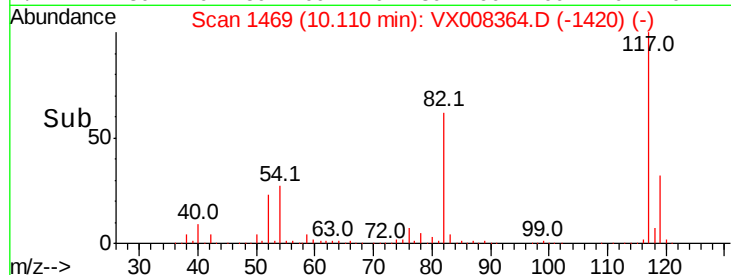
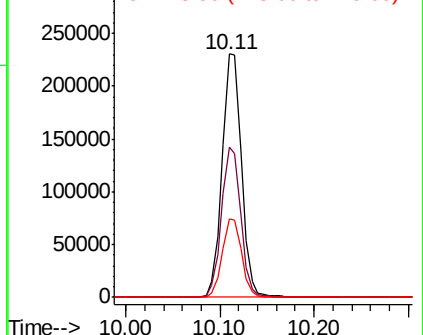
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008364.D
Acq: 23 Mar 2019 20:53

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20190314

Tot Ion:117 Resp: 329448
Ion Ratio Lower Upper
117 100
82 61.9 44.3 66.5
119 32.1 25.3 37.9

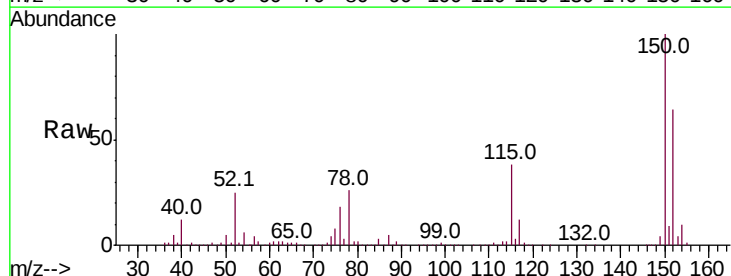


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008364.D
Acq: 23 Mar 2019 20:53

Tgt Ion:152 Resp: 131159
Ion Ratio Lower Upper
152 100
115 61.5 38.6 115.7
150 156.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

