

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005216.D
 Acq On : 10 Oct 2018 19:34
 Operator : JC/MD
 Sample : J5317-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-ERB02-20181005

Quant Time: Oct 11 07:35:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155154	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	134065	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
35) Dibromofluoromethane	5.51	113	113319	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	8.72	98	400048	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	143226	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	

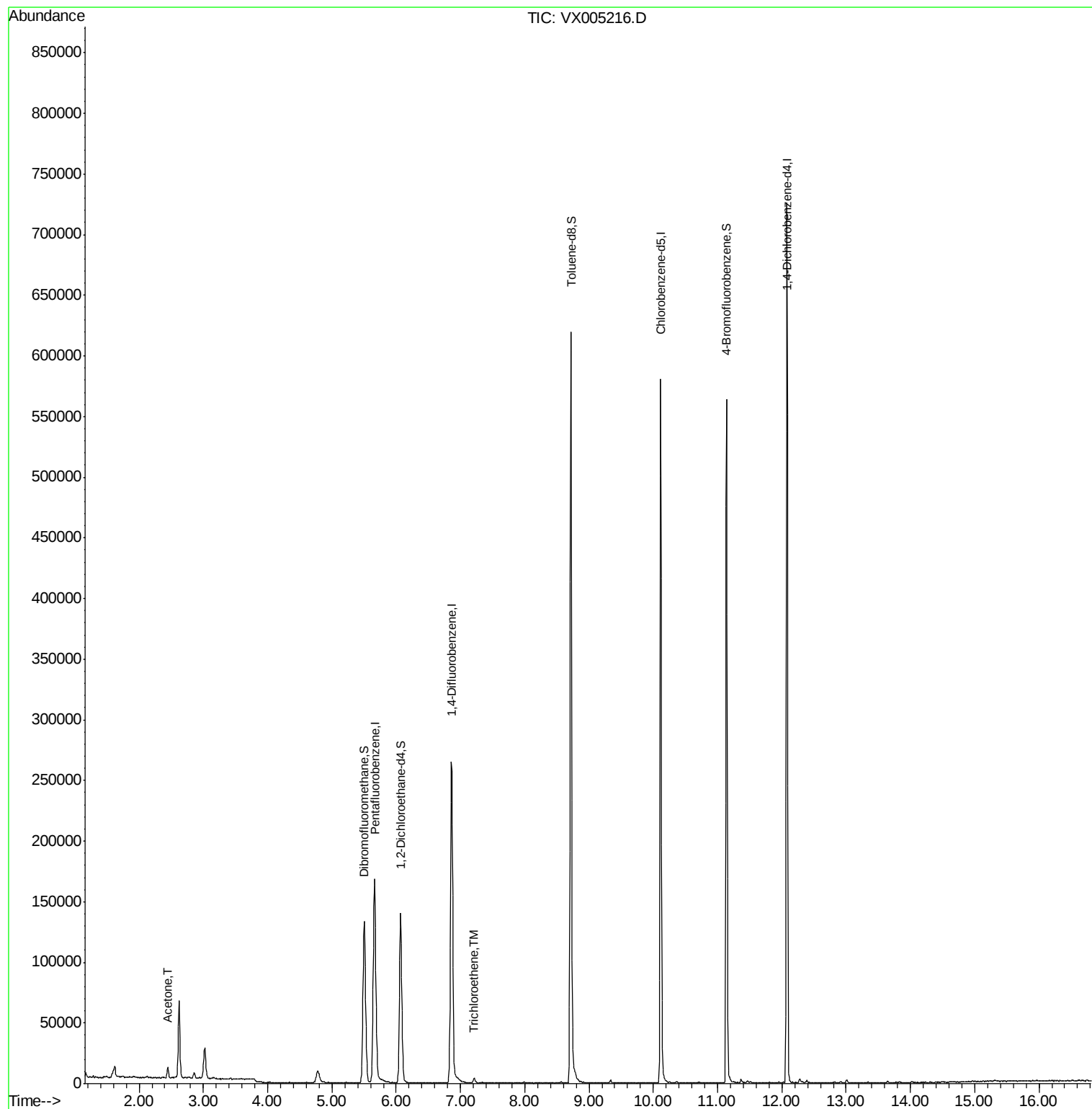
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9457	6.69	ug/l	# 89
44) Trichloroethene	7.21	130	1593	0.65	ug/l	79

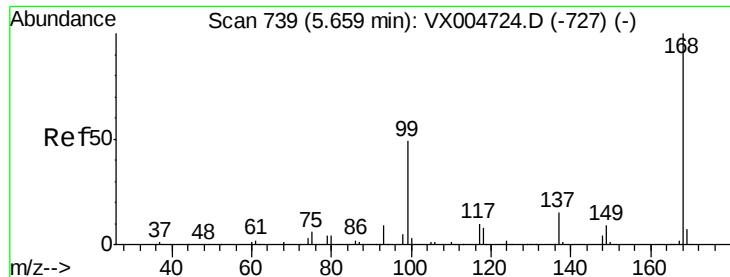
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005216.D

Acq: 10 Oct 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

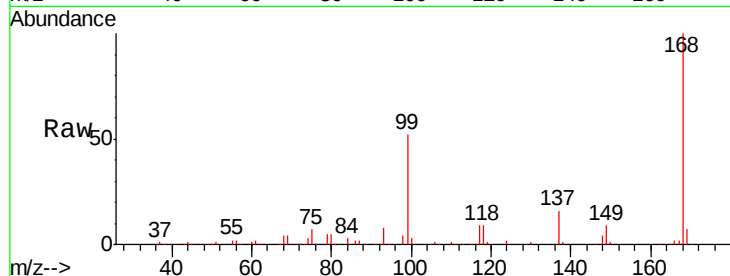
BP-TT-ERB02-20181005

Tgt Ion:168 Resp: 169590

Ion Ratio Lower Upper

168 100

99 52.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

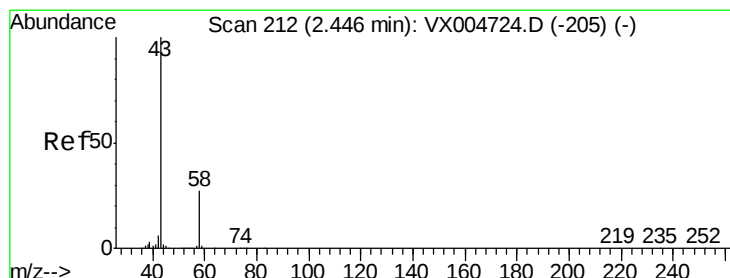
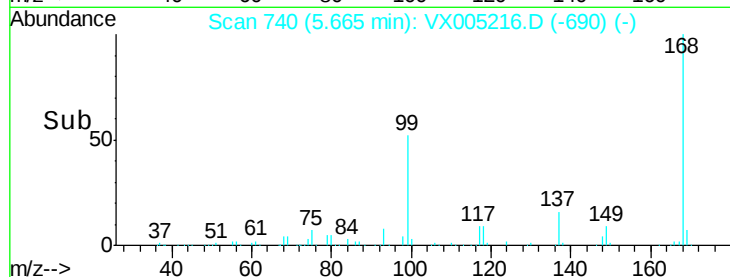
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.69 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005216.D

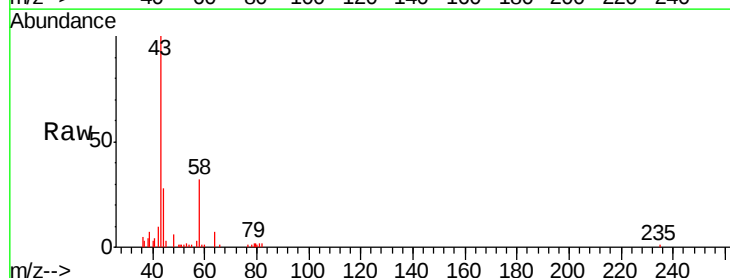
Acq: 10 Oct 2018 19:34

Tgt Ion: 43 Resp: 9457

Ion Ratio Lower Upper

43 100

58 33.0 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

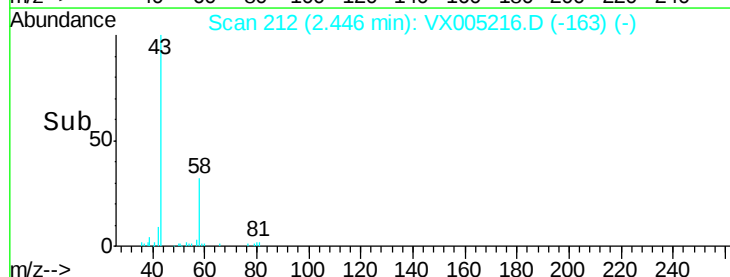
3000

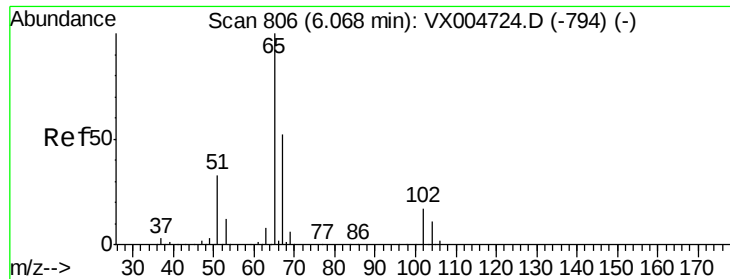
2000

1000

0

Time--> 2.40 2.50

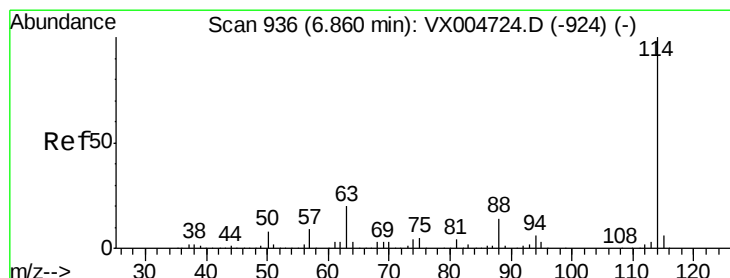
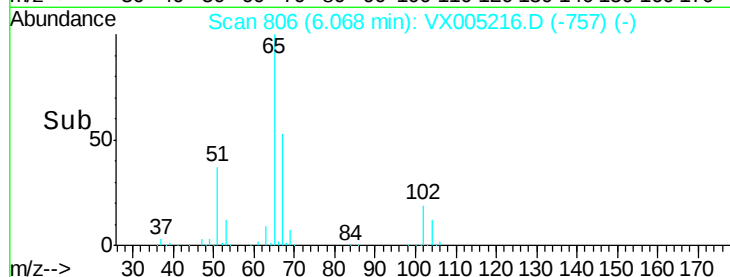
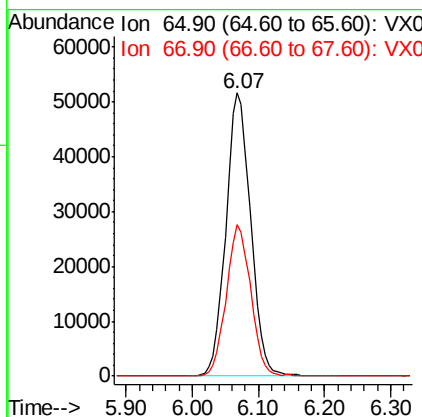
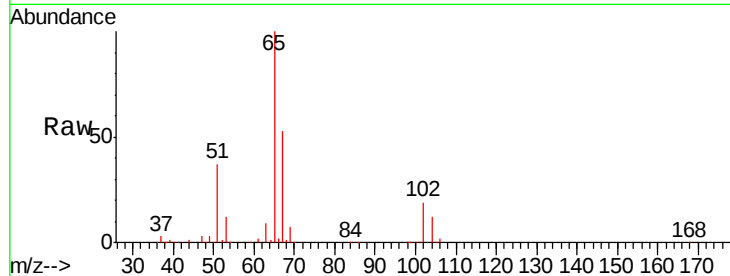




#33
 1,2-Dichloroethane-d4
 Concen: 55.34 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005216.D
 Acq: 10 Oct 2018 19:34

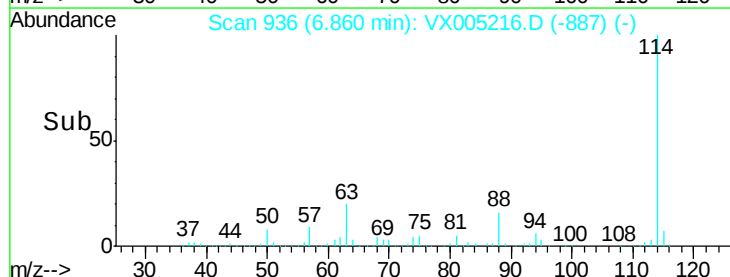
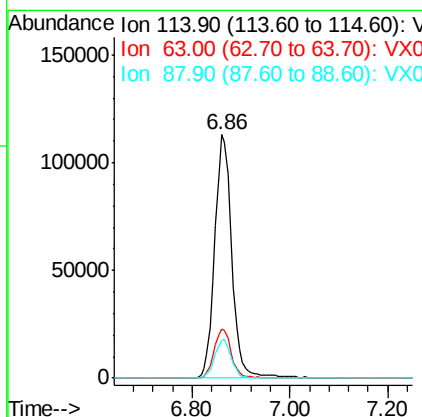
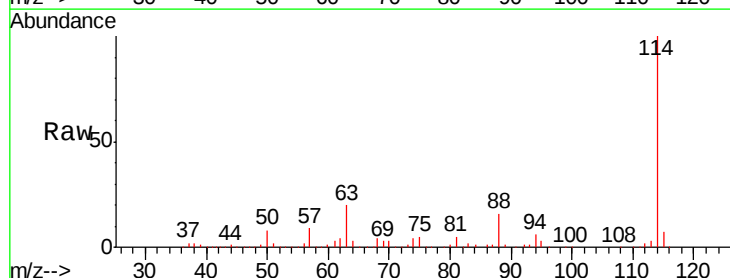
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-ERB02-20181005

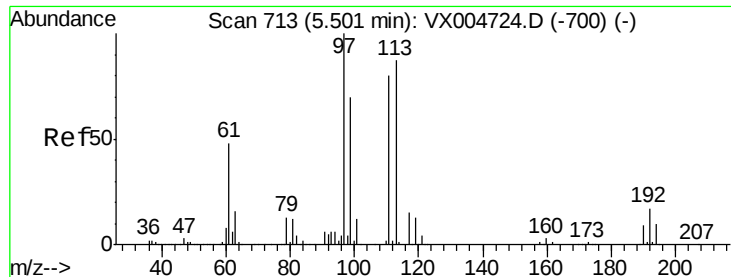
Tgt Ion: 65 Resp: 134065
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005216.D
 Acq: 10 Oct 2018 19:34

Tgt Ion: 114 Resp: 276253
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005216.D

Acq: 10 Oct 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-ERB02-20181005

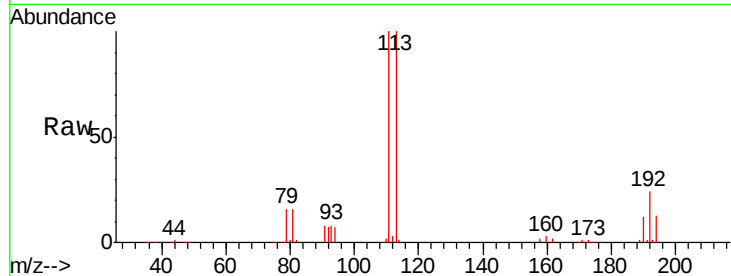
Tgt Ion:113 Resp: 113319

Ion Ratio Lower Upper

113 100

111 102.6 77.0 115.4

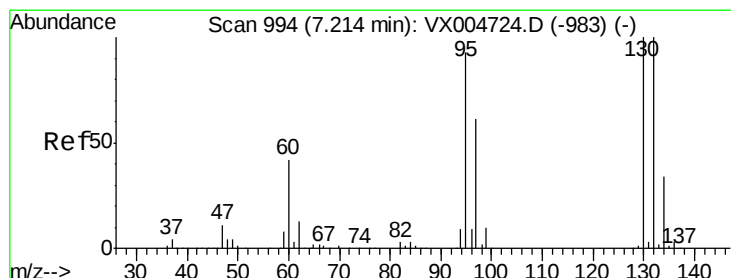
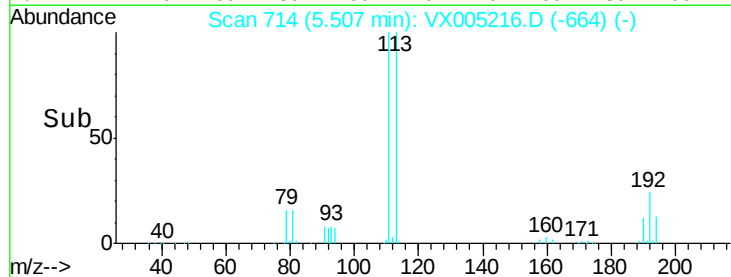
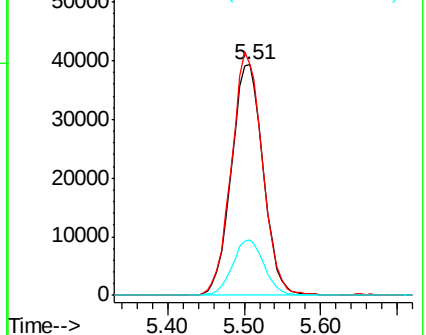
192 23.9 17.0 25.6



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



#44

Trichloroethene

Concen: 0.65 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005216.D

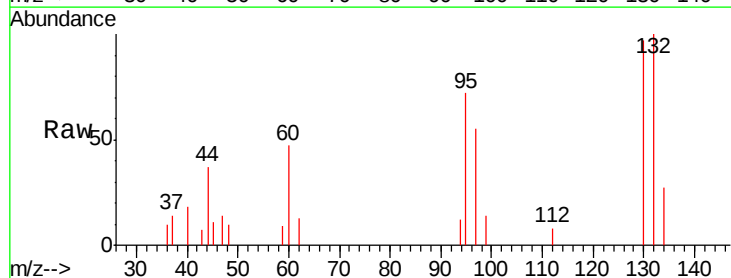
Acq: 10 Oct 2018 19:34

Tgt Ion:130 Resp: 1593

Ion Ratio Lower Upper

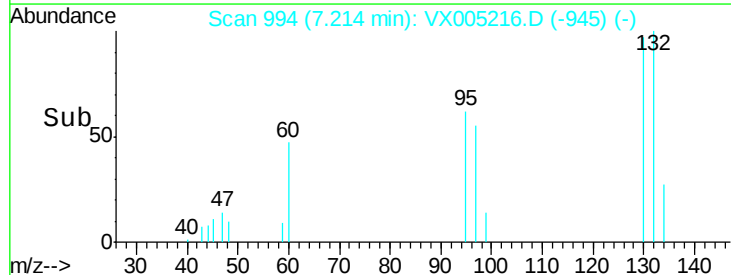
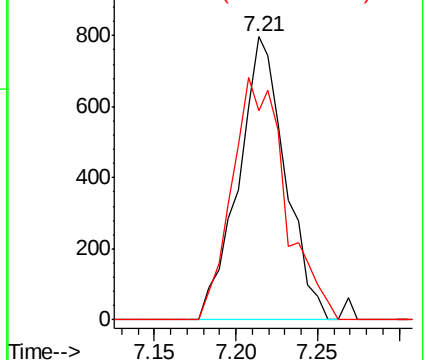
130 100

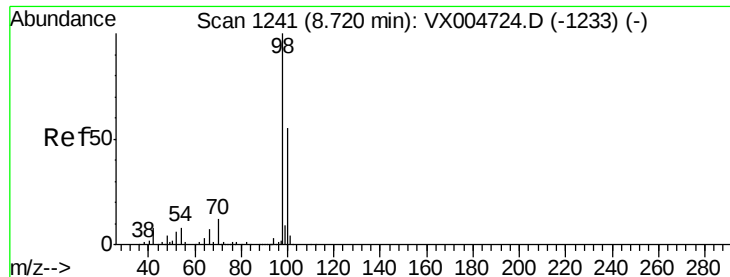
95 73.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.40 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005216.D

Acq: 10 Oct 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

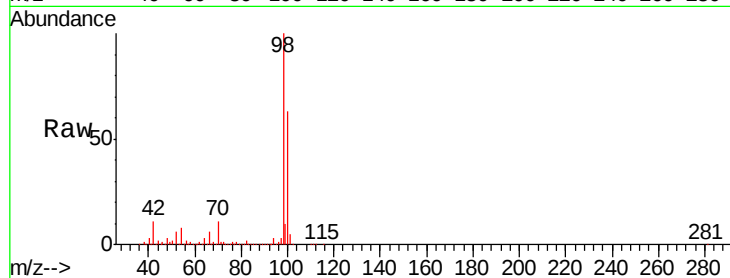
BP-TT-ERB02-20181005

Tgt Ion: 98 Resp: 400048

Ion Ratio Lower Upper

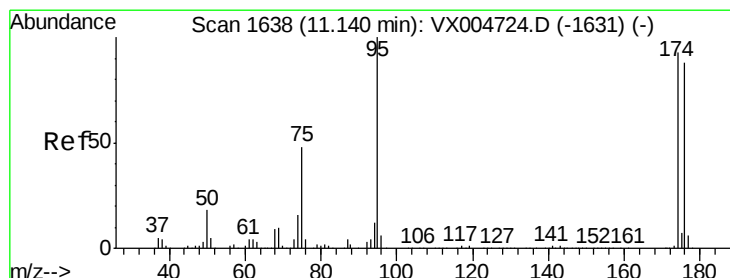
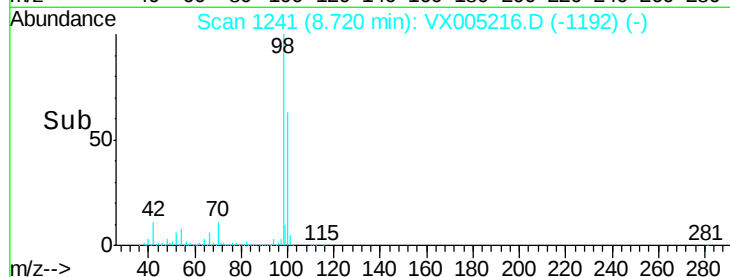
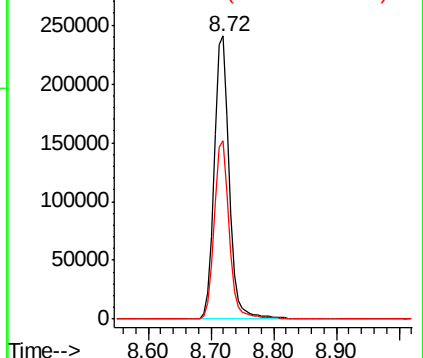
98 100

100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.08 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005216.D

Acq: 10 Oct 2018 19:34

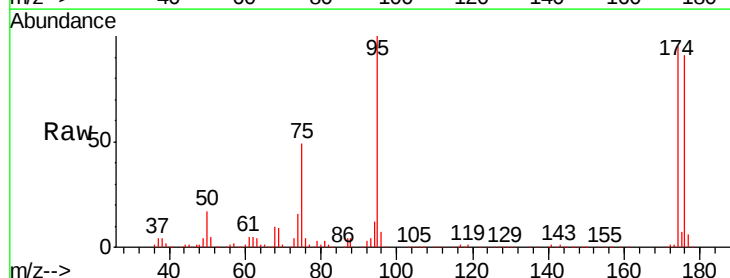
Tgt Ion: 95 Resp: 143226

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

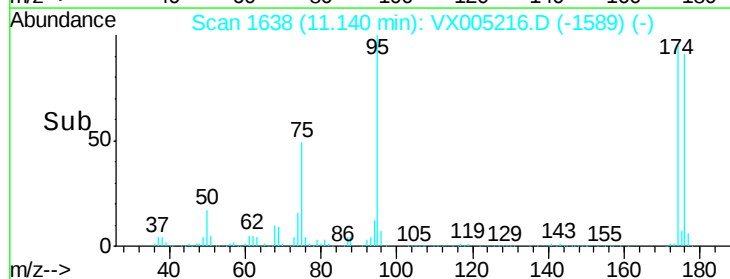
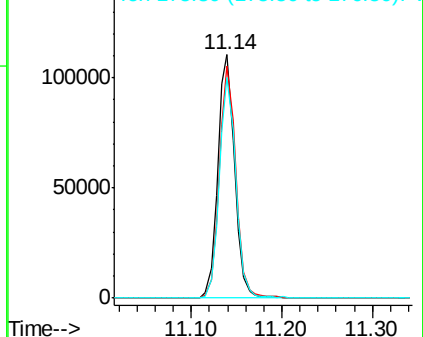
176 89.5 0.0 180.2

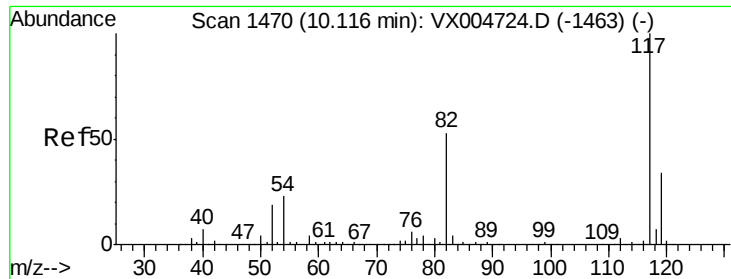


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

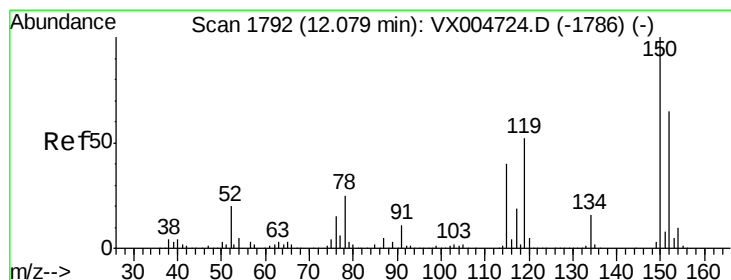
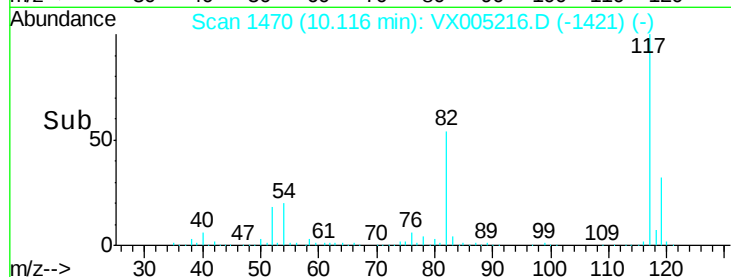
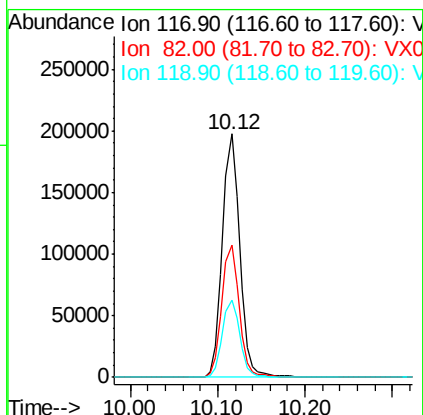
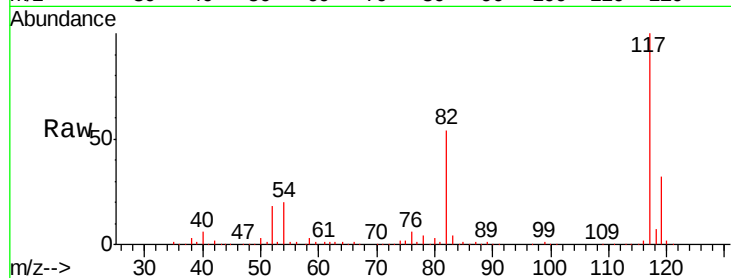




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005216.D
Acq: 10 Oct 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-ERB02-20181005

Tgt Ion:117 Resp: 272730
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 31.5 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005216.D
Acq: 10 Oct 2018 19:34

Tgt Ion:152 Resp: 155154
Ion Ratio Lower Upper
152 100
115 54.6 40.2 120.6
150 153.0 0.0 351.0

