

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004806.D
 Acq On : 28 Sep 2018 06:24
 Operator : JC/MD
 Sample : J5033-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4004-20180918

Quant Time: Sep 28 09:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

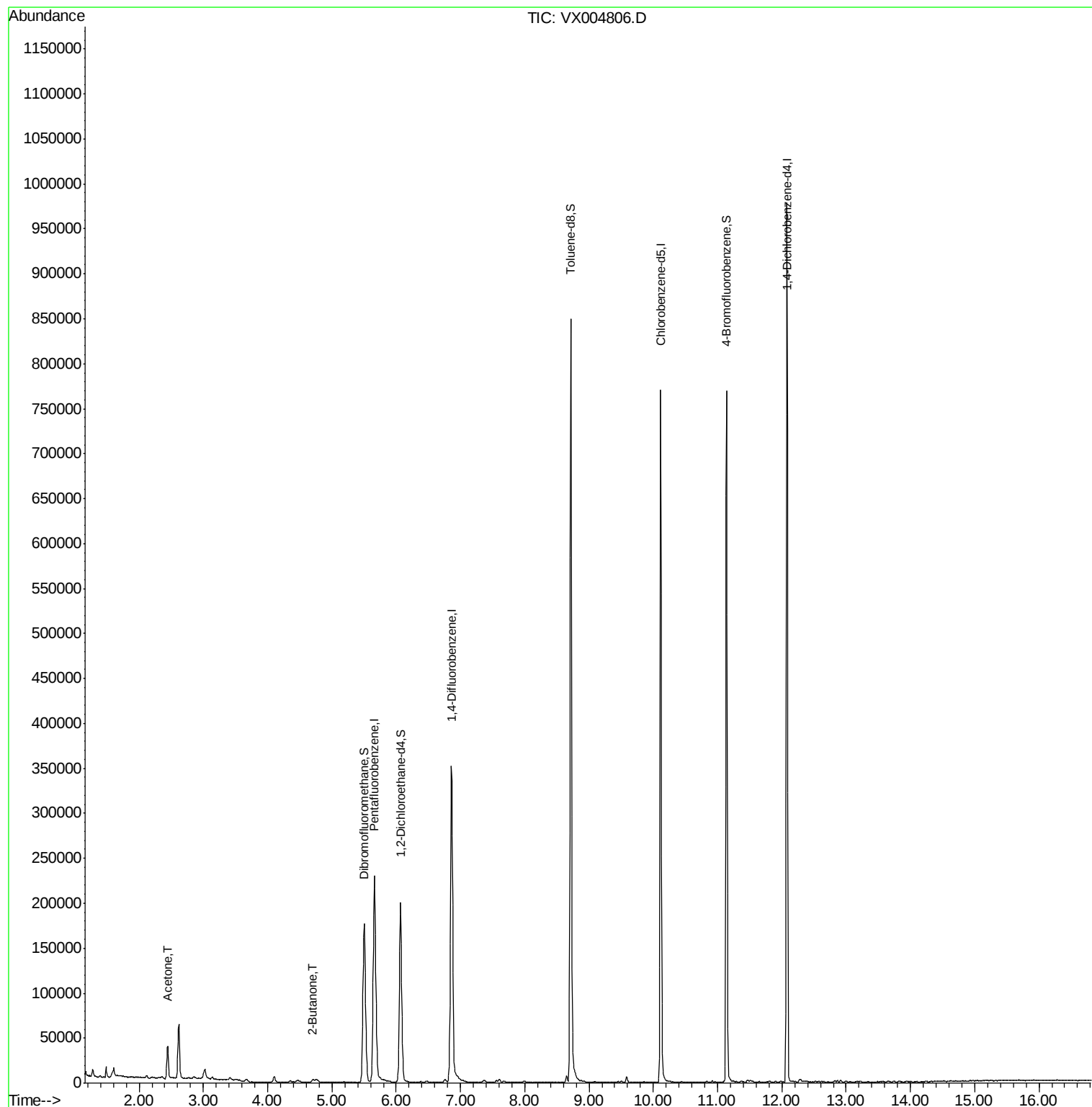
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182166	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	5.50	113	149514	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	539536	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.14	95	193533	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
Target Compounds						
16) Acetone	2.45	43	40712	21.049	ug/l	94
25) 2-Butanone	4.70	43	5193	1.821	ug/l #	88

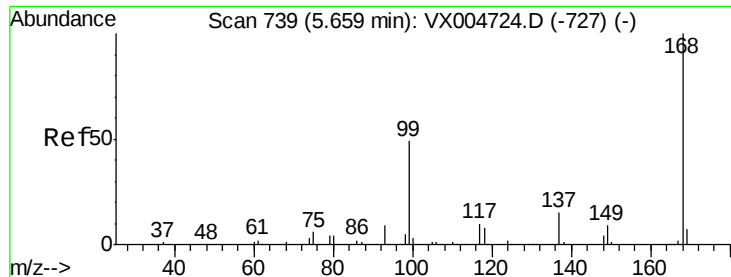
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004806.D

Acq: 28 Sep 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

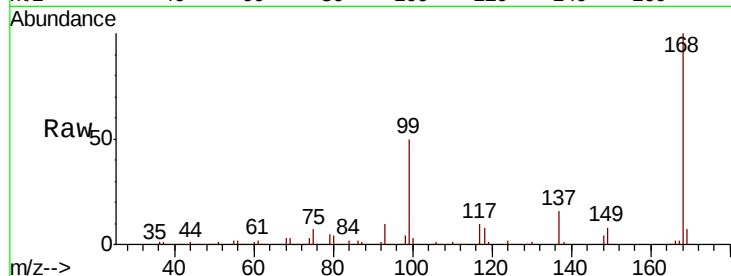
BP-TT-SW4004-20180918

Tot Ion:168 Resp: 231919

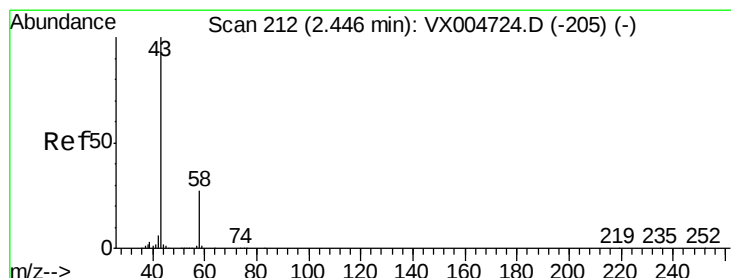
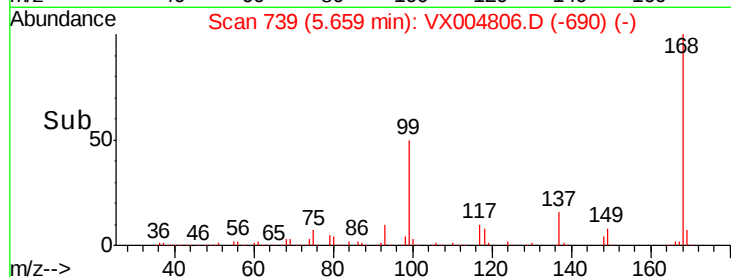
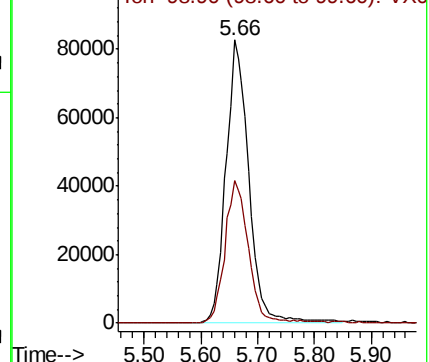
Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)



#16

Acetone

Concen: 21.049 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004806.D

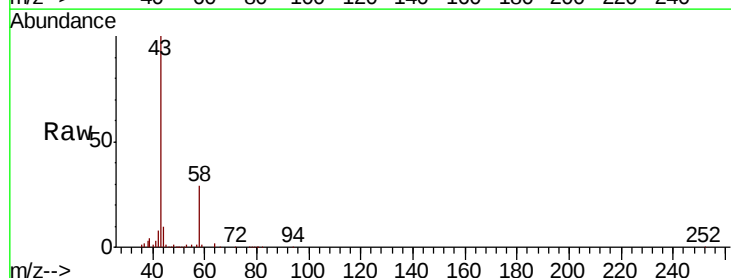
Acq: 28 Sep 2018 06:24

Tgt Ion: 43 Resp: 40712

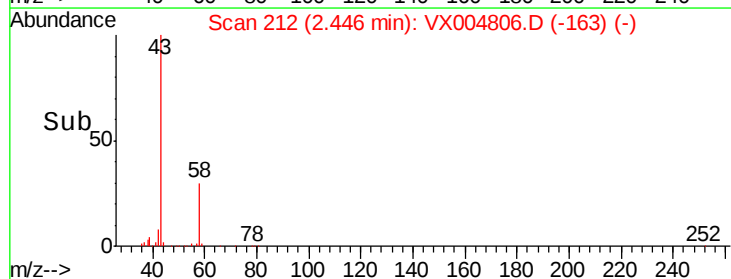
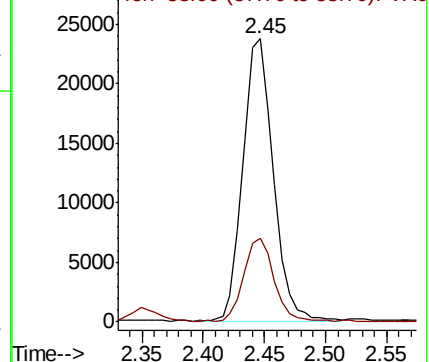
Ion Ratio Lower Upper

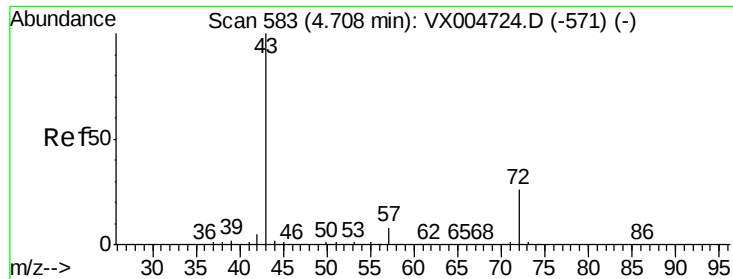
43 100

58 29.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)





#25

2-Butanone

Concen: 1.821 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004806.D

Acq: 28 Sep 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

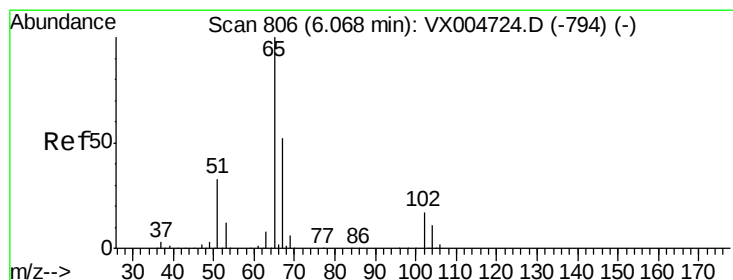
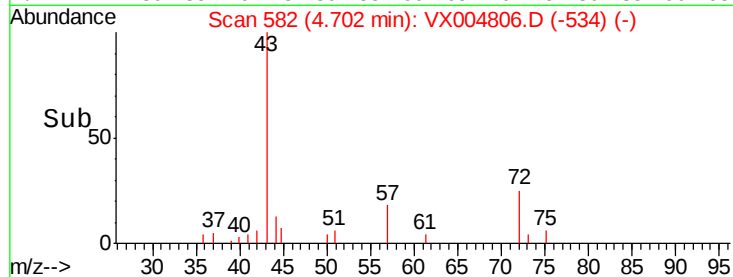
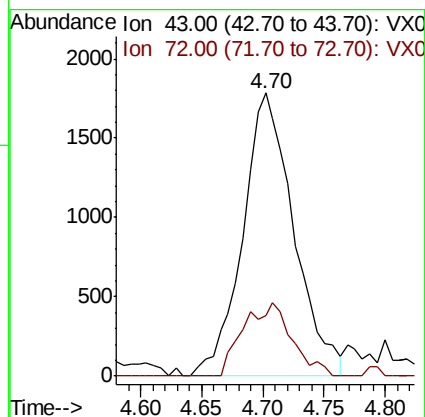
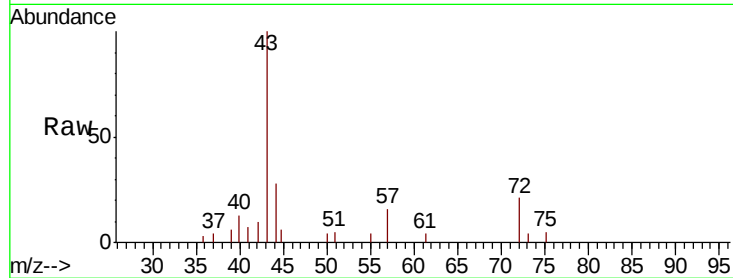
BP-TT-SW4004-20180918

Tot Ion: 43 Resp: 5193

Ion Ratio Lower Upper

43 100

72 21.4 22.0 33.0#



#33

1,2-Dichloroethane-d4

Concen: 54.986 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004806.D

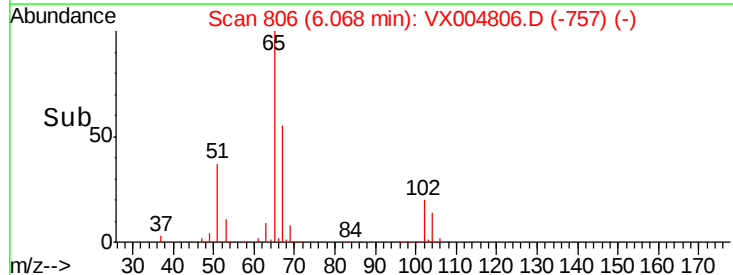
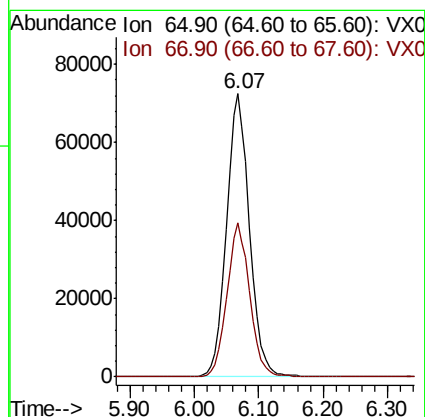
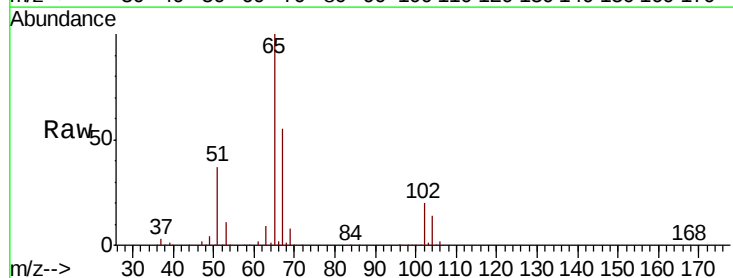
Acq: 28 Sep 2018 06:24

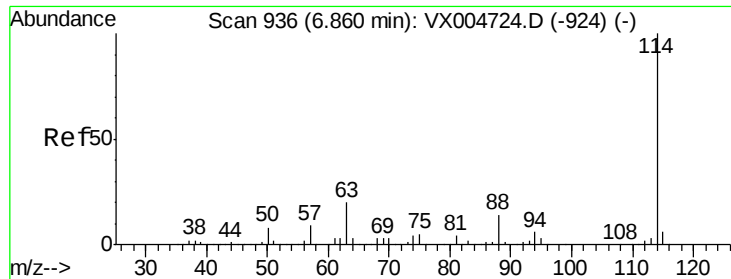
Tgt Ion: 65 Resp: 182166

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.8

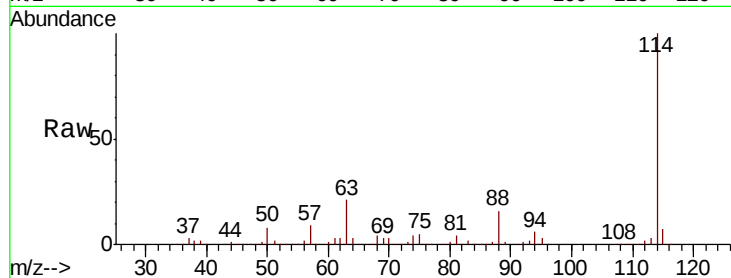




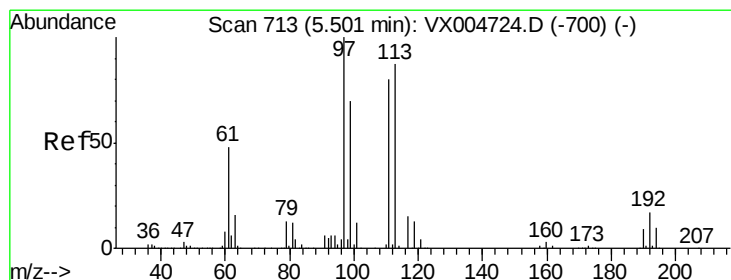
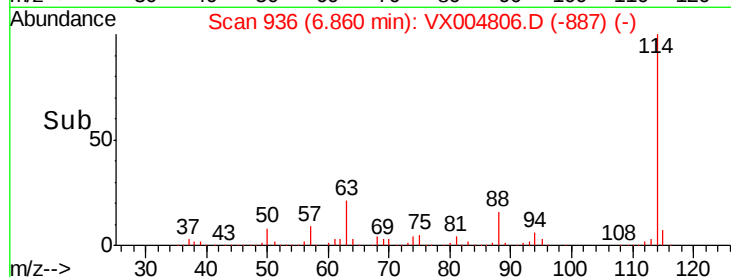
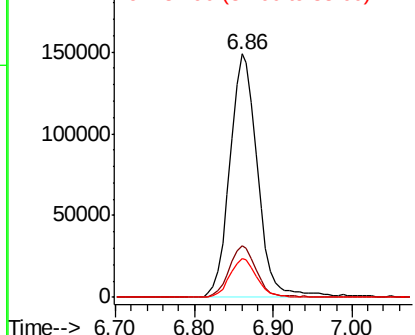
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004806.D
 Acq: 28 Sep 2018 06:24

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4004-20180918

Tot Ion:114 Resp: 363671
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 16.0 0.0 30.4

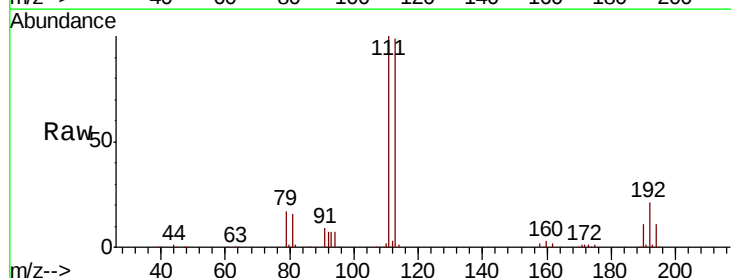


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

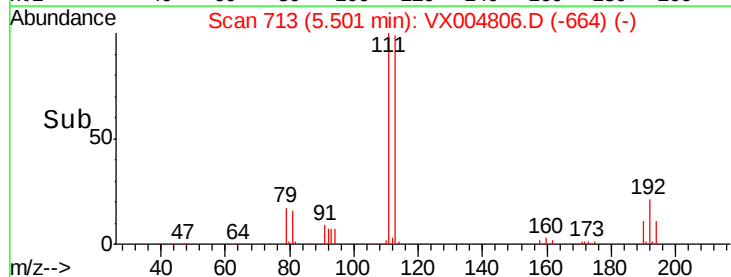
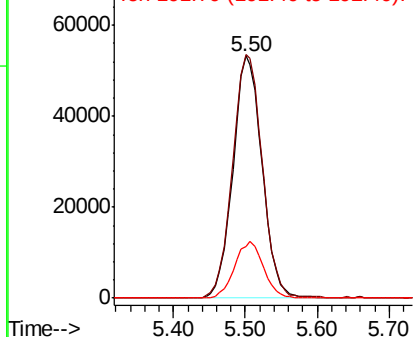


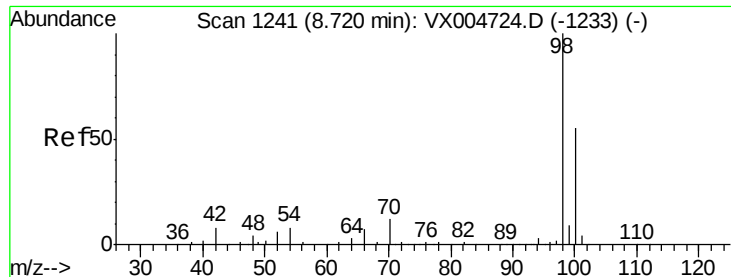
#35
 Dibromofluoromethane
 Concen: 48.509 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004806.D
 Acq: 28 Sep 2018 06:24

Tgt Ion:113 Resp: 149514
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.1 19.4 29.2



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





#50

Toluene-d8

Concen: 52.655 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004806.D

Acq: 28 Sep 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

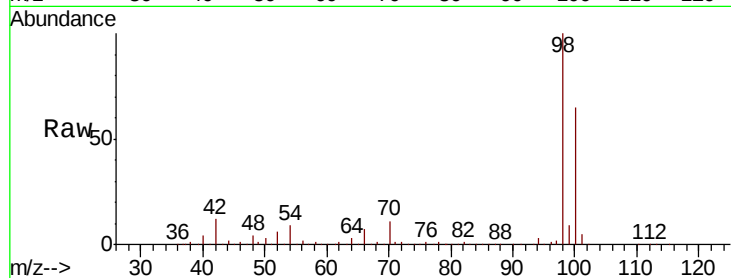
BP-TT-SW4004-20180918

Tot Ion: 98 Resp: 539536

Ion Ratio Lower Upper

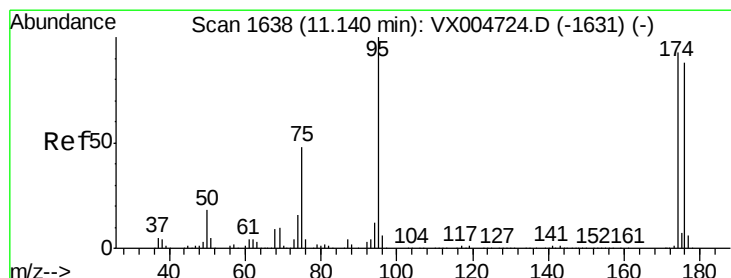
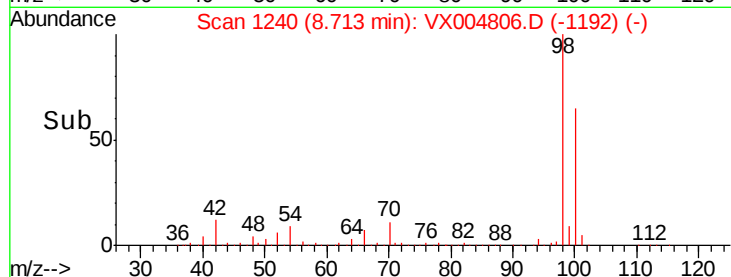
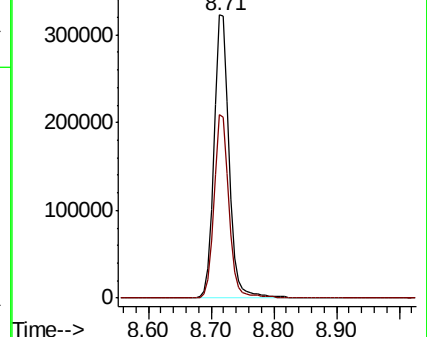
98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 52.428 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004806.D

Acq: 28 Sep 2018 06:24

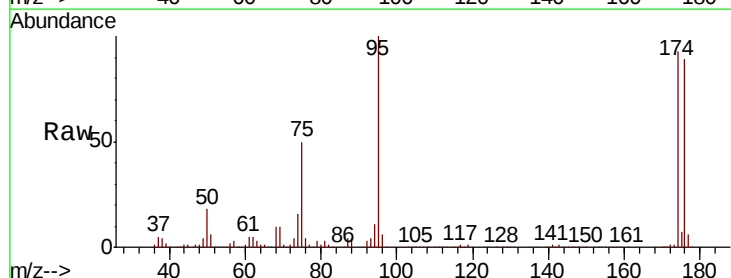
Tgt Ion: 95 Resp: 193533

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

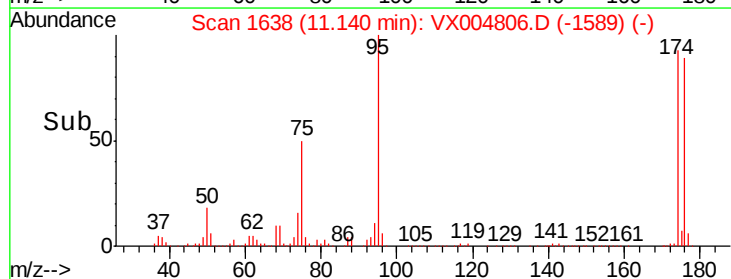
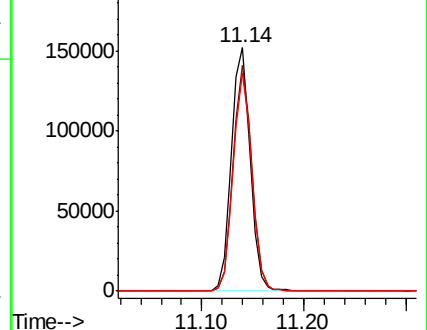
176 88.4 0.0 178.6

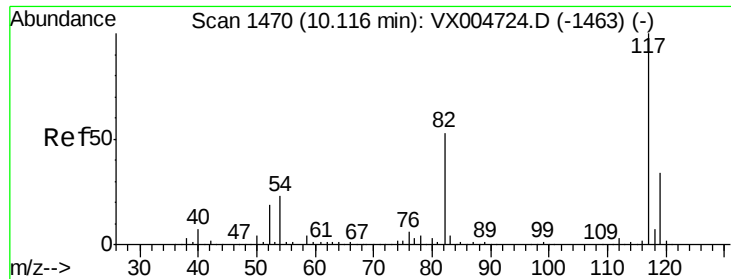


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

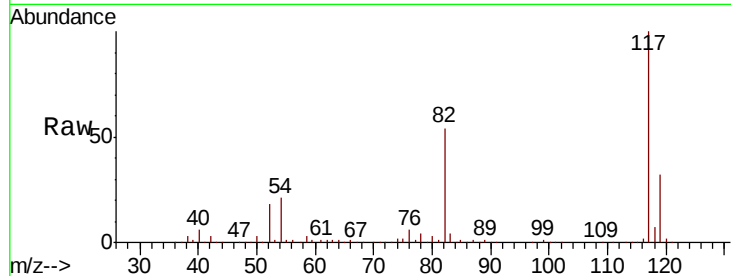




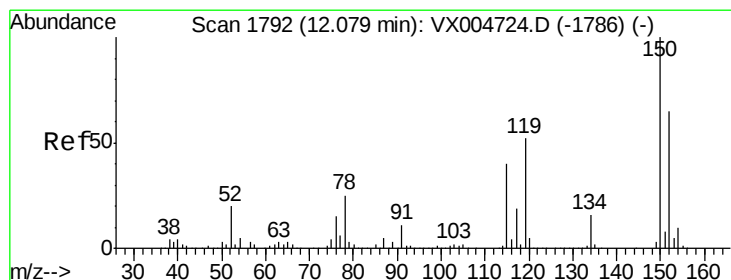
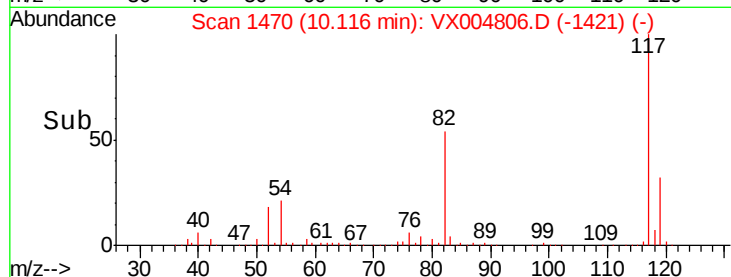
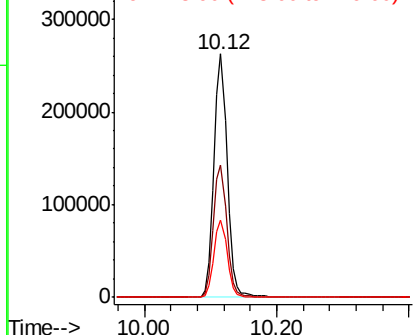
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004806.D
Acq: 28 Sep 2018 06:24

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4004-20180918

Tot Ion:117 Resp: 361851
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 31.7 29.3 43.9

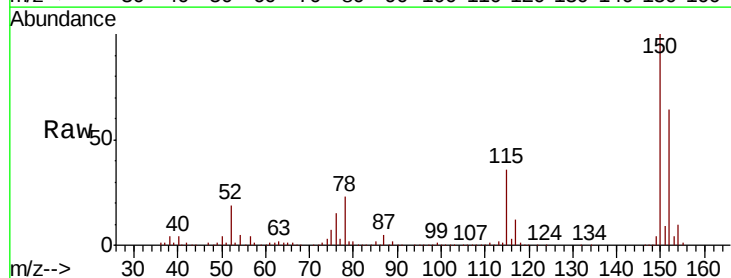


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004806.D
Acq: 28 Sep 2018 06:24

Tgt Ion:152 Resp: 203596
Ion Ratio Lower Upper
152 100
115 55.7 39.0 117.0
150 156.1 0.0 351.0



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

