

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004611.D
 Acq On : 16 Sep 2018 03:59
 Operator : JC/MD
 Sample : J4913-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30212-20180912

Quant Time: Sep 17 09:06:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

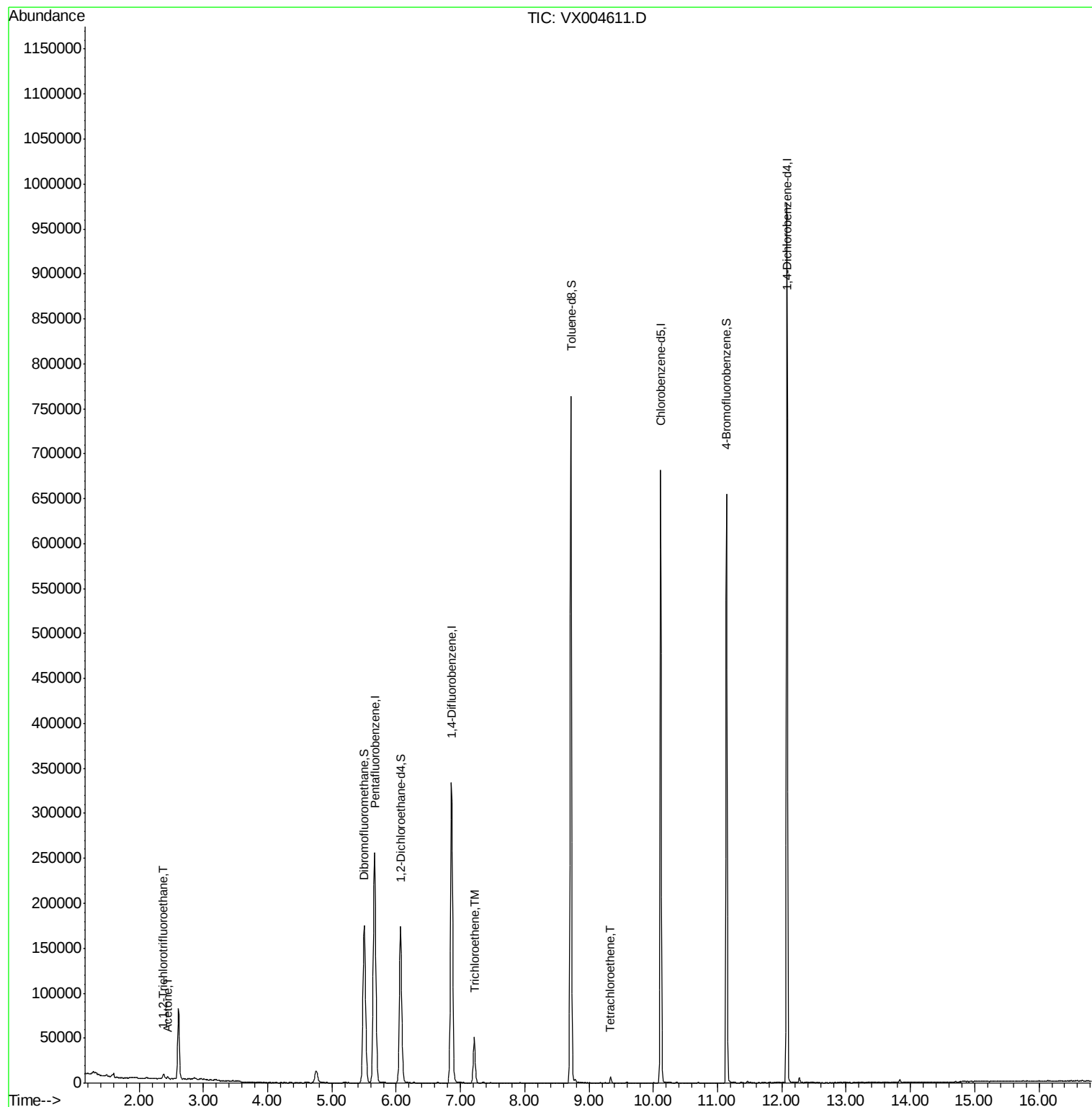
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	272341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165026	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	5.49	113	152281	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	8.72	98	479975	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.14	95	165030	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1838	0.61	ug/l	95
16) Acetone	2.44	43	2681	1.56	ug/l	91
44) Trichloroethene	7.21	130	20127	6.37	ug/l	99
64) Tetrachloroethene	9.34	164	1361	0.34	ug/l	84

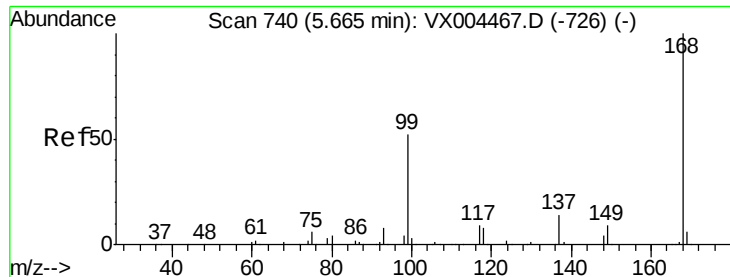
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

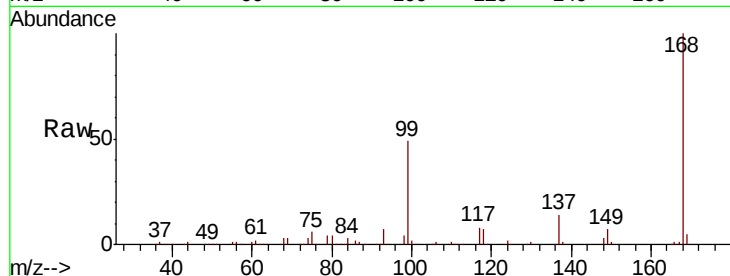
BPS1-TT-MW30212-20180912

Tot Ion:168 Resp: 272341

Ion Ratio Lower Upper

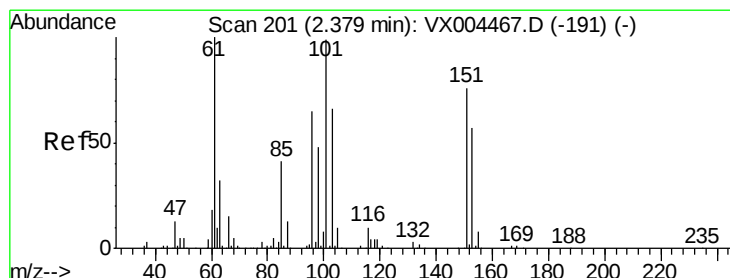
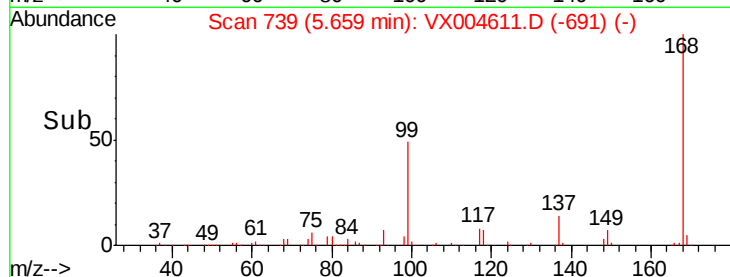
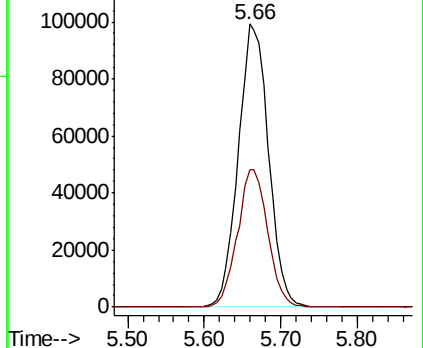
168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.61 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

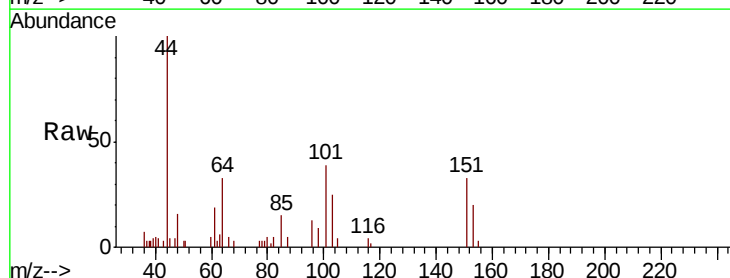
Tgt Ion:101 Resp: 1838

Ion Ratio Lower Upper

101 100

85 35.4 34.2 51.4

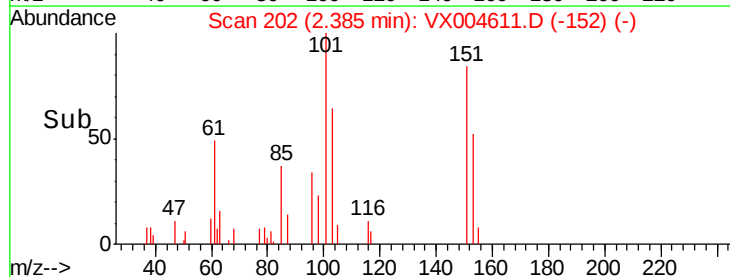
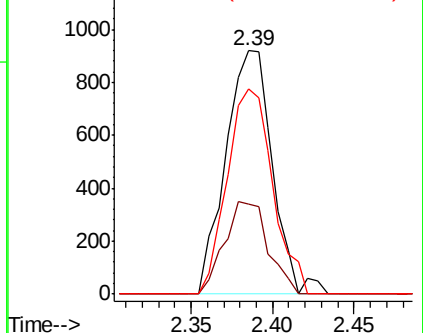
151 82.2 65.0 97.6

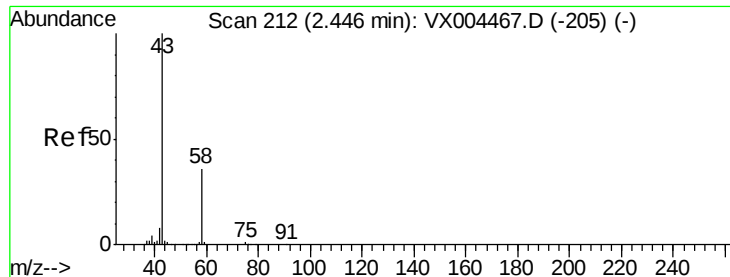


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

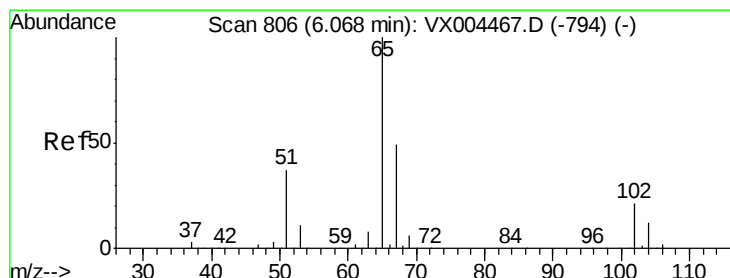
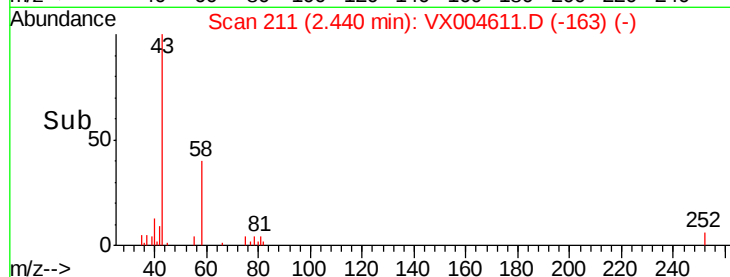
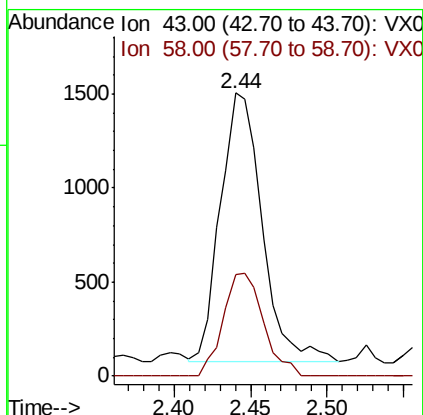
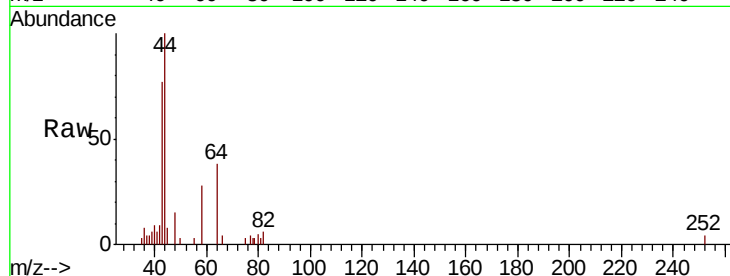




#16
Acetone
Concen: 1.56 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004611.D
Acq: 16 Sep 2018 03:59

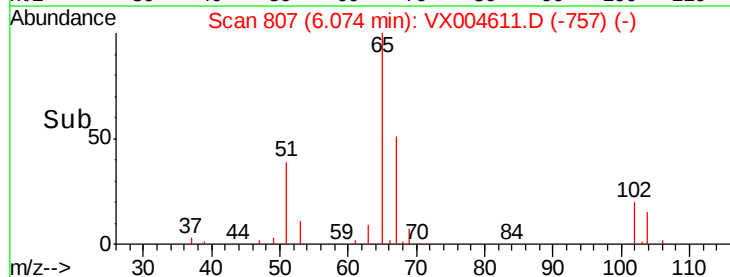
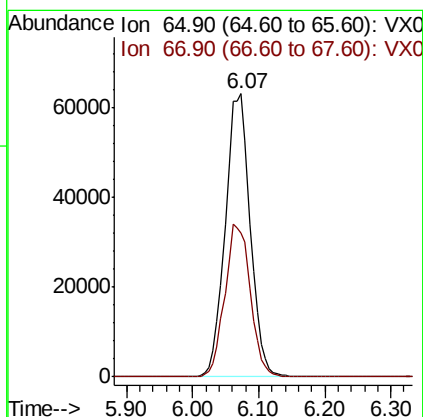
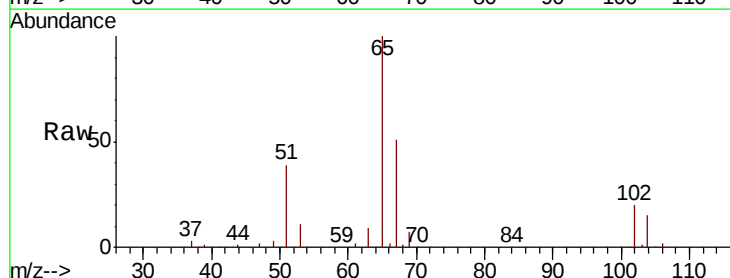
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30212-20180912

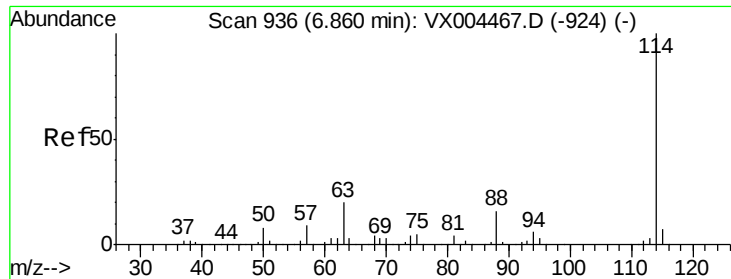
Tot Ion: 43 Resp: 2681
Ion Ratio Lower Upper
43 100
58 38.1 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 46.99 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004611.D
Acq: 16 Sep 2018 03:59

Tgt Ion: 65 Resp: 165026
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.8

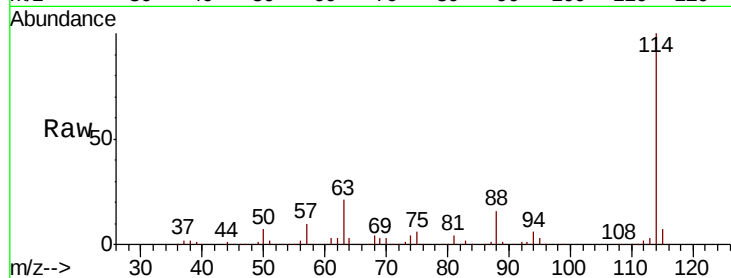




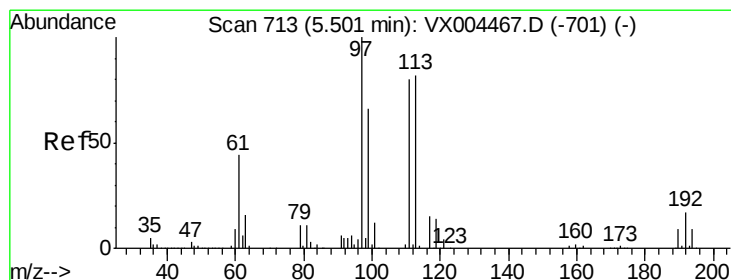
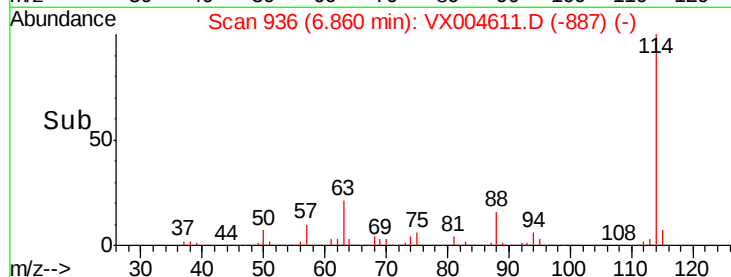
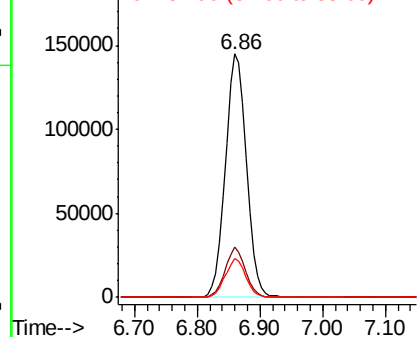
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004611.D
 Acq: 16 Sep 2018 03:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30212-20180912

Tot Ion:114 Resp: 337396
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.8 0.0 30.4

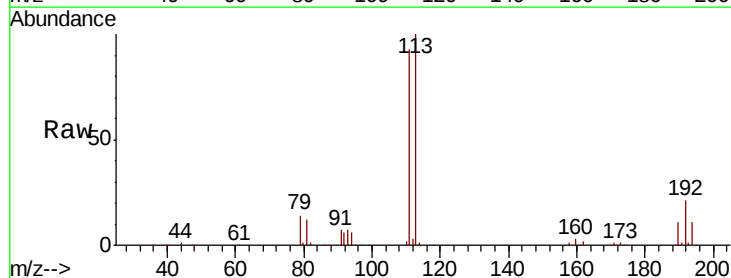


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

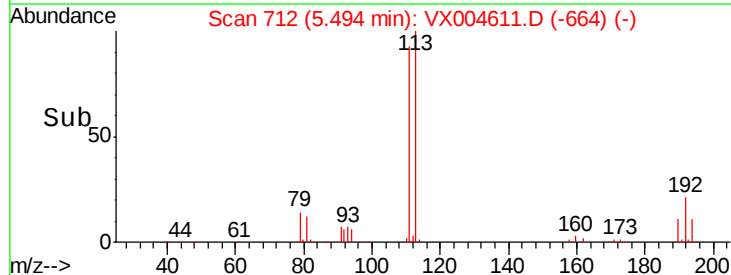
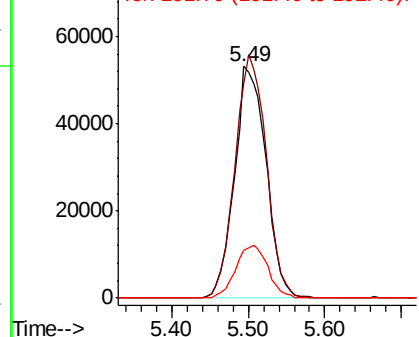


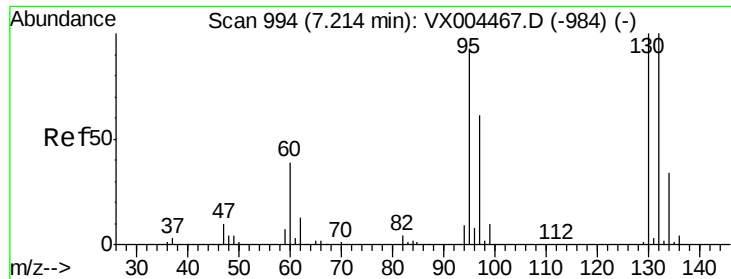
#35
 Dibromofluoromethane
 Concen: 49.32 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004611.D
 Acq: 16 Sep 2018 03:59

Tgt Ion:113 Resp: 152281
 Ion Ratio Lower Upper
 113 100
 111 103.7 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





#44

Trichloroethene

Concen: 6.37 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

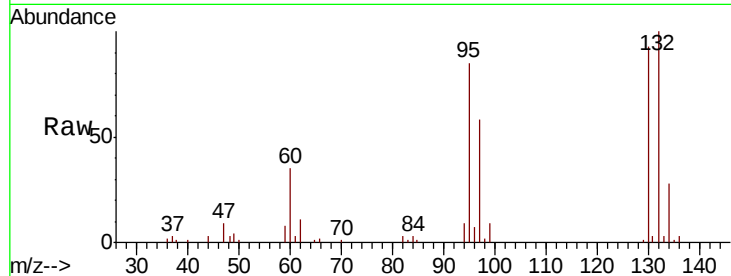
BPS1-TT-MW30212-20180912

Tot Ion:130 Resp: 20127

Ion Ratio Lower Upper

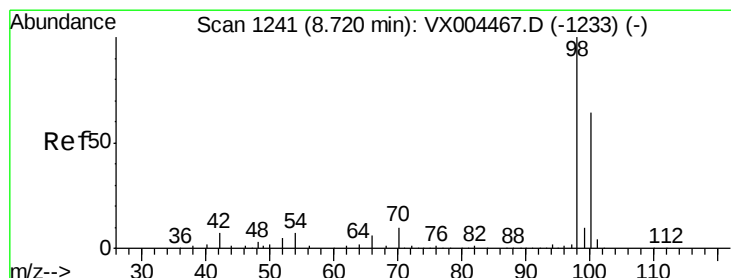
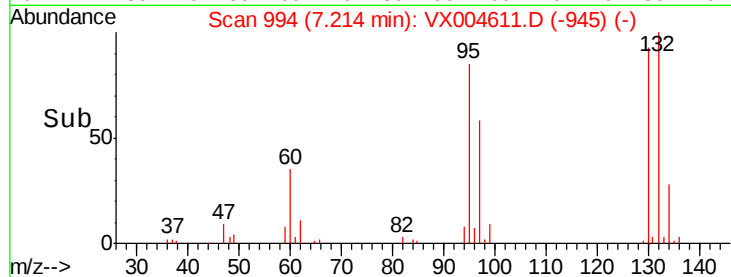
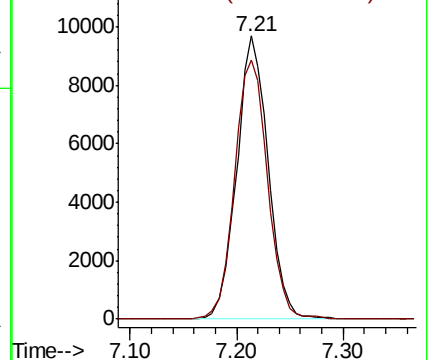
130 100

95 91.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.36 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004611.D

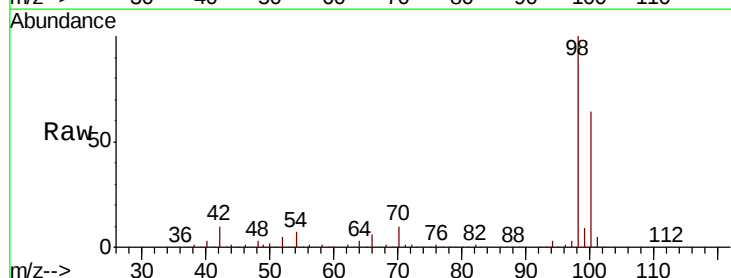
Acq: 16 Sep 2018 03:59

Tgt Ion: 98 Resp: 479975

Ion Ratio Lower Upper

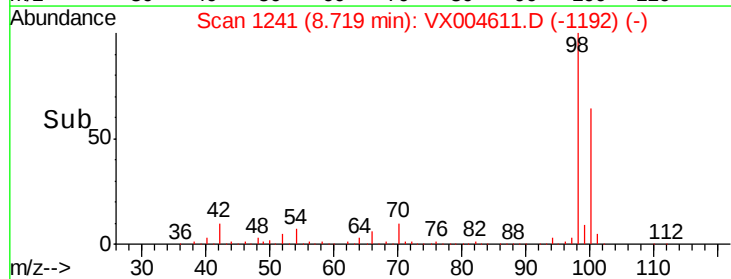
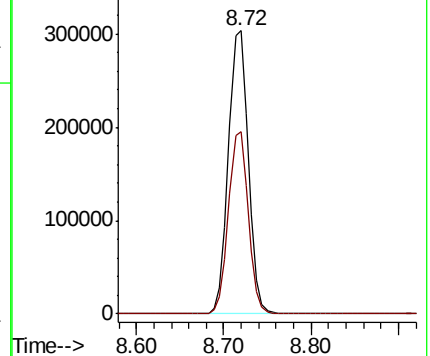
98 100

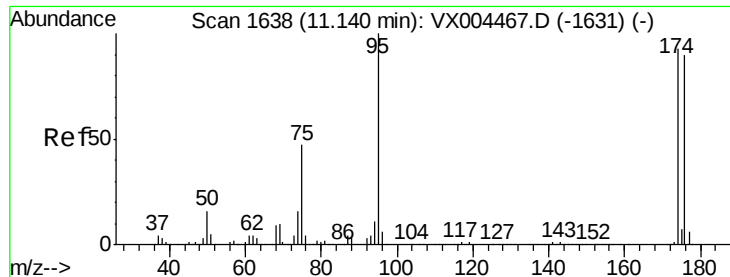
100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.65 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30212-20180912

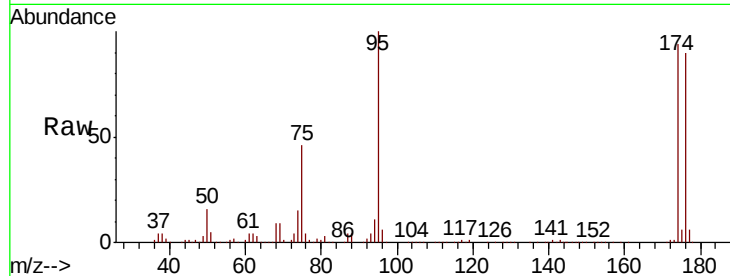
Tot Ion: 95 Resp: 165030

Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.2

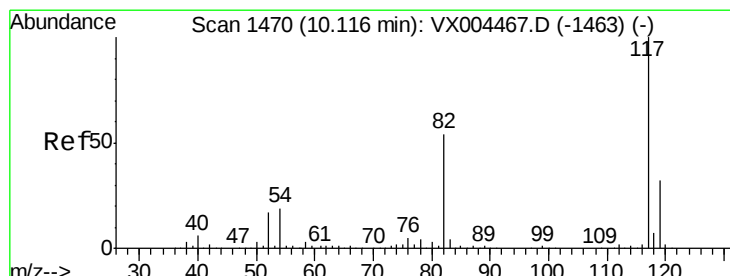
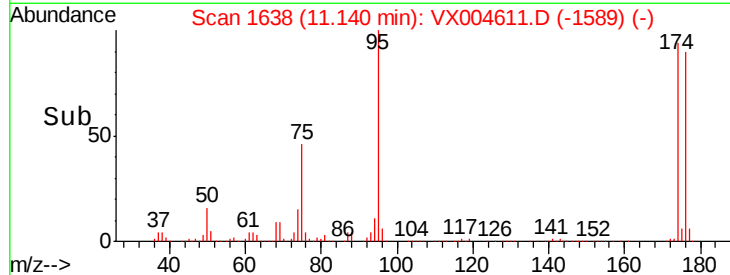
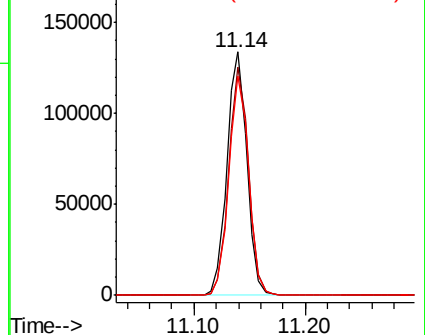
176 90.3 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

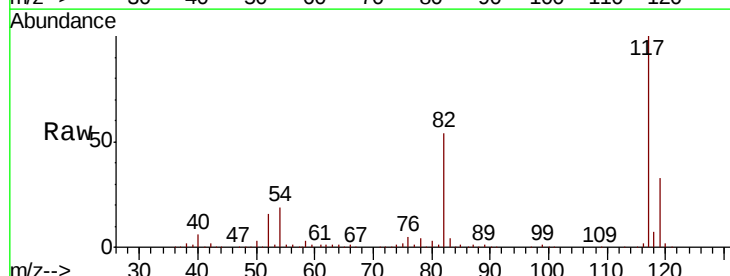
Tgt Ion: 117 Resp: 317422

Ion Ratio Lower Upper

117 100

82 53.6 47.8 71.6

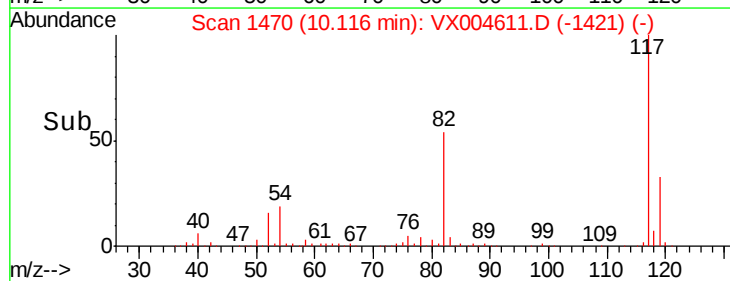
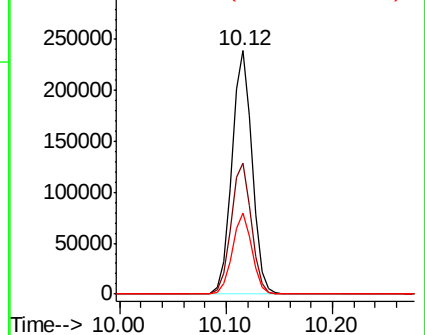
119 33.5 29.3 43.9

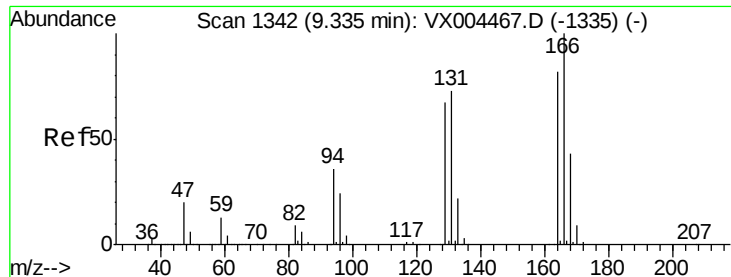


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.34 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:164 Resp: 1361

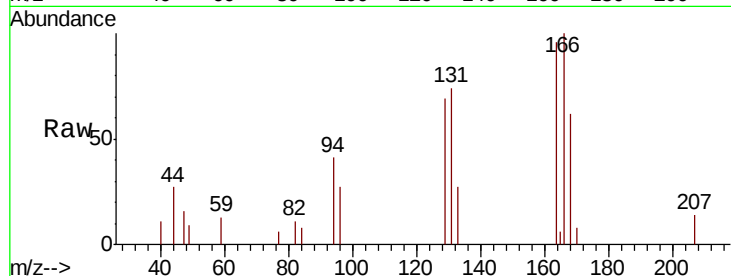
Ion Ratio Lower Upper

164 100

166 103.9 102.8 154.2

129 71.9 69.4 104.0

131 76.4 67.9 101.9

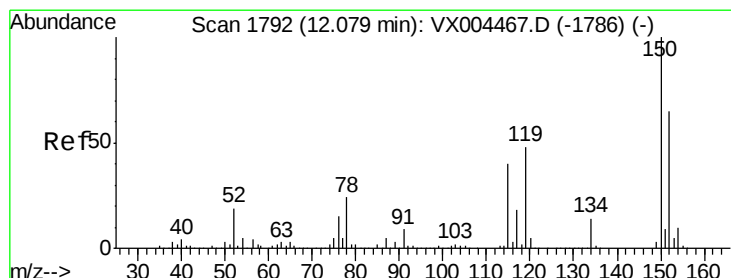
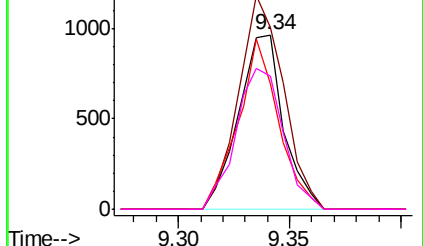
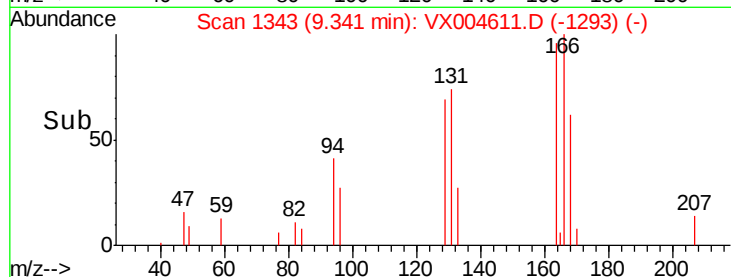


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004611.D

Acq: 16 Sep 2018 03:59

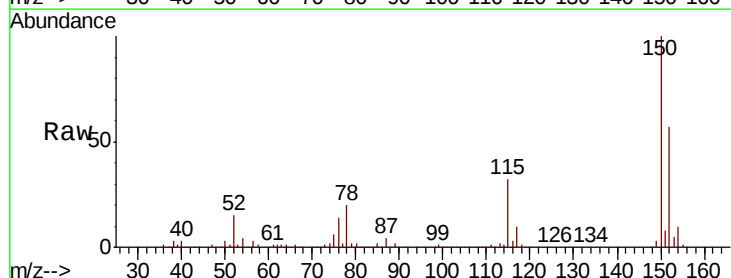
Tgt Ion:152 Resp: 199632

Ion Ratio Lower Upper

152 100

115 56.4 39.0 117.0

150 160.4 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

