

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016347.D
 Acq On : 19 May 2020 19:57
 Operator : JC/SP
 Sample : L2714-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RP-WATER

Quant Time: May 20 07:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

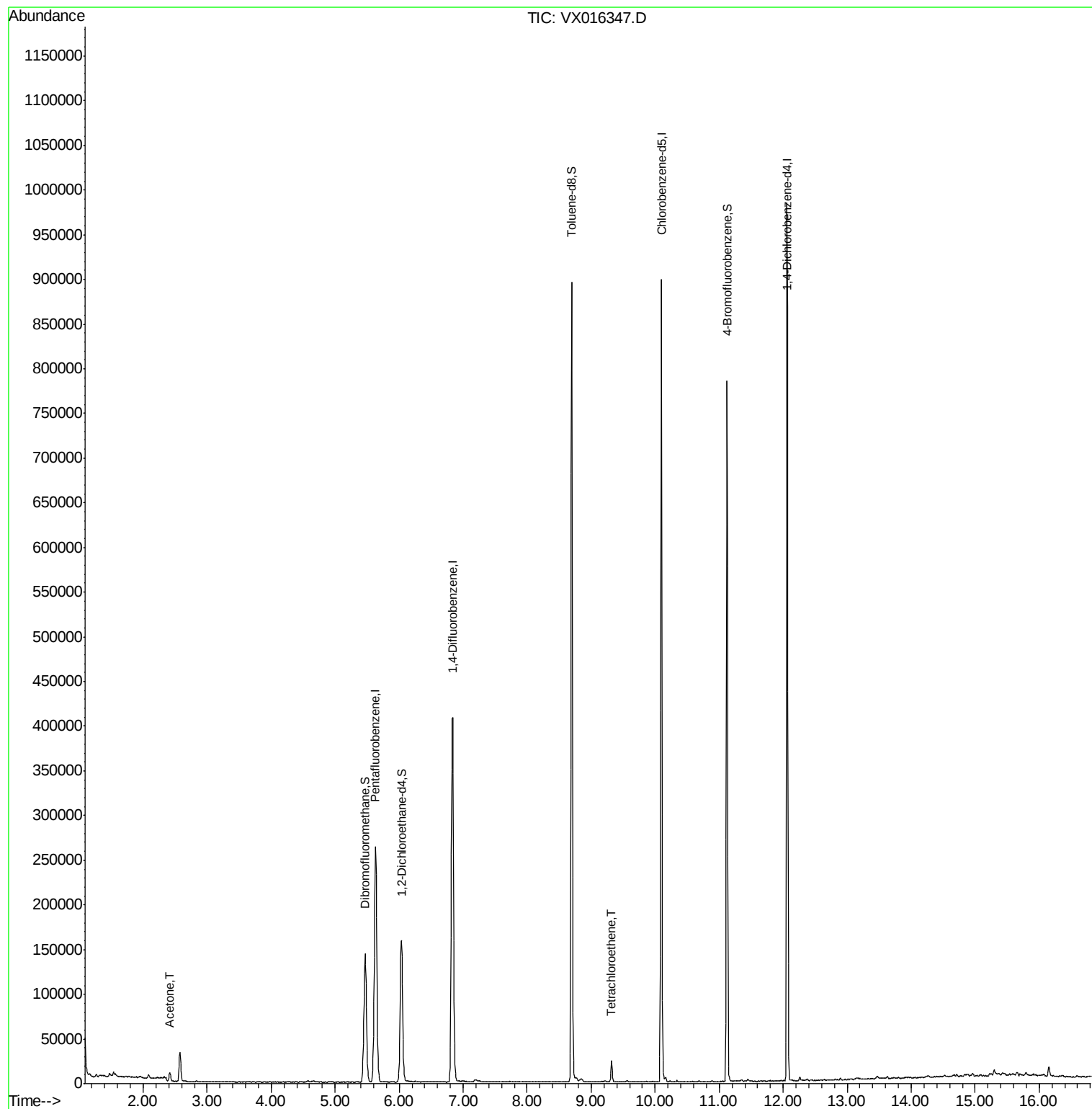
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	261180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	431848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151496	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
35) Dibromofluoromethane	5.47	113	125077	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
50) Toluene-d8	8.70	98	530672	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.12	95	210468	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
Target Compounds						
16) Acetone	2.42	43	9048	5.900	ug/l #	81
64) Tetrachloroethene	9.32	164	4779	0.928	ug/l	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016347.D

Acq: 19 May 2020 19:57

Instrument :

MSVOA_X

ClientSampleId :

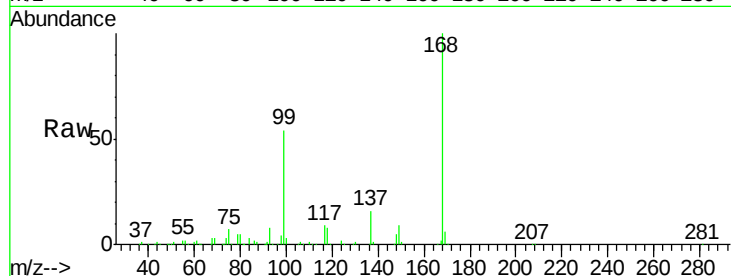
RP-WATER

Tot Ion:168 Resp: 261180

Ion Ratio Lower Upper

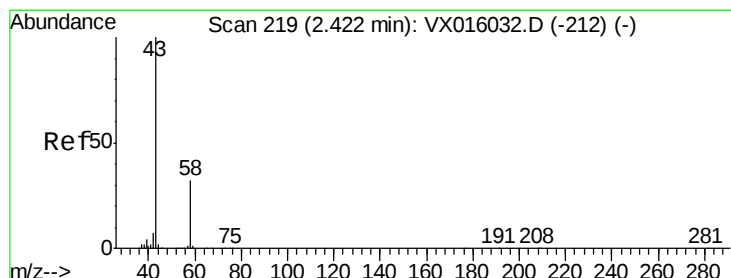
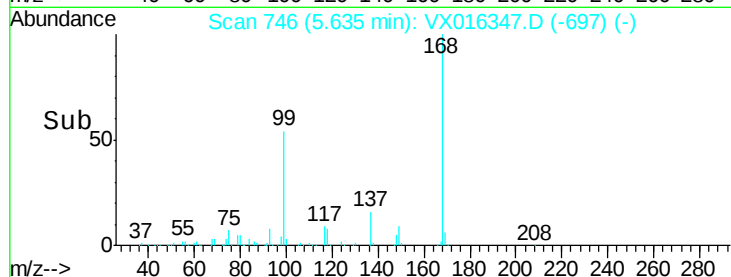
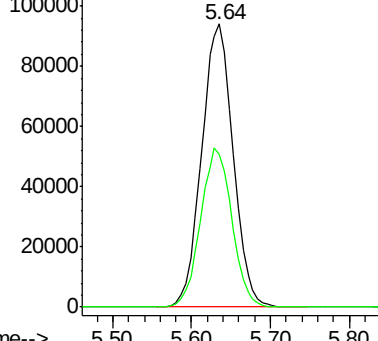
168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.900 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016347.D

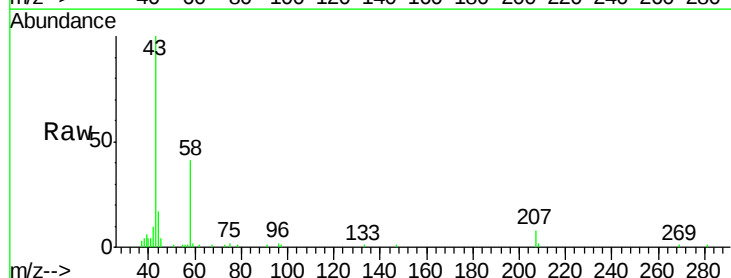
Acq: 19 May 2020 19:57

Tgt Ion: 43 Resp: 9048

Ion Ratio Lower Upper

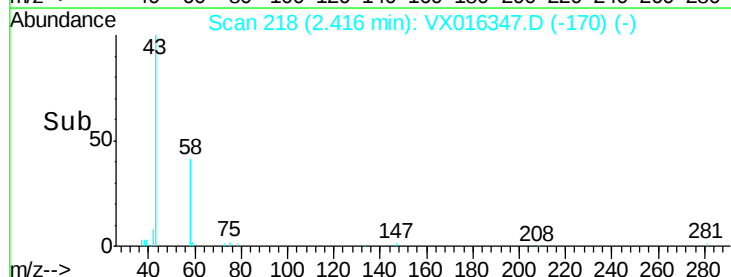
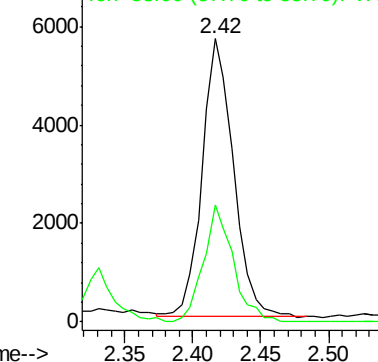
43 100

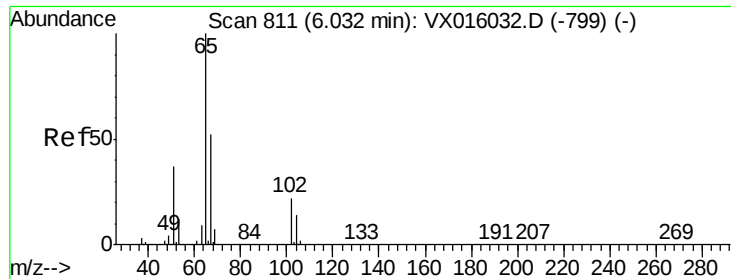
58 42.1 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

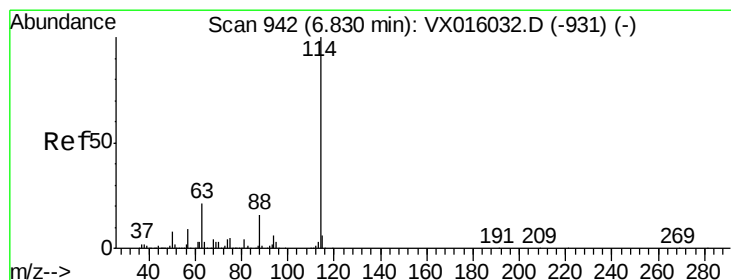
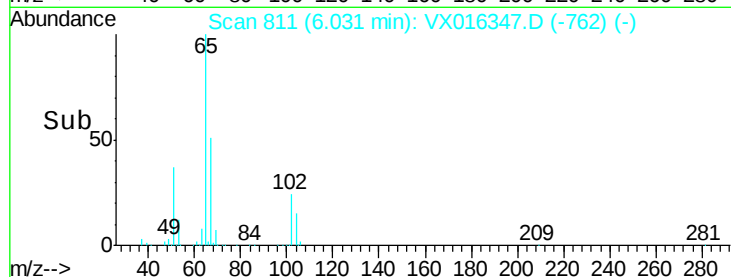
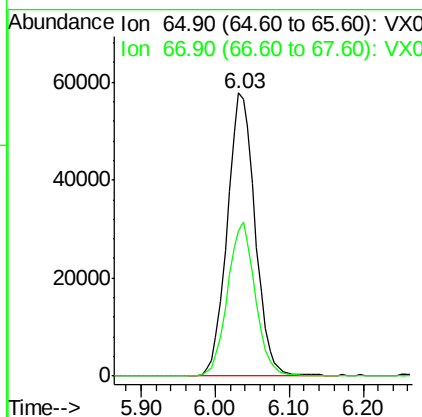
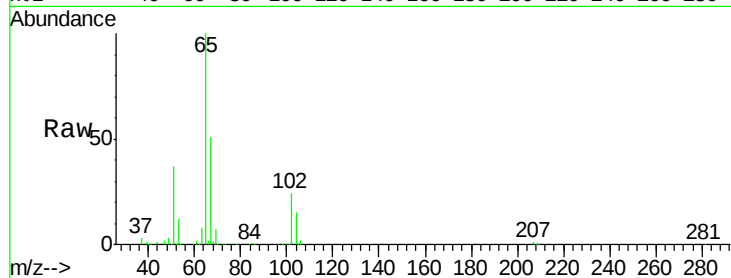




#33
 1,2-Dichloroethane-d4
 Concen: 44.080 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016347.D
 Acq: 19 May 2020 19:57

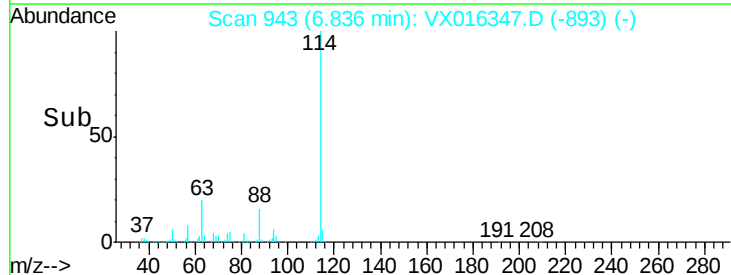
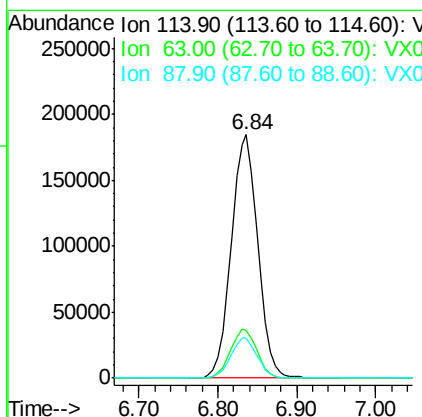
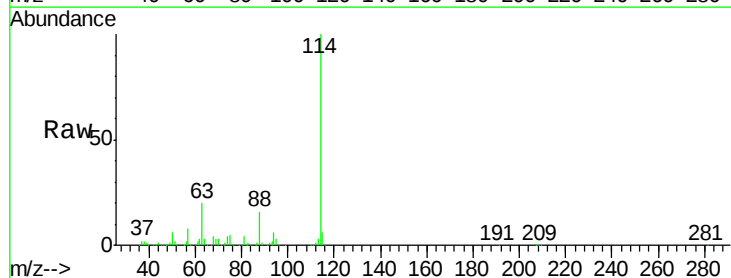
Instrument :
 MSVOA_X
 ClientSampleId :
 RP-WATER

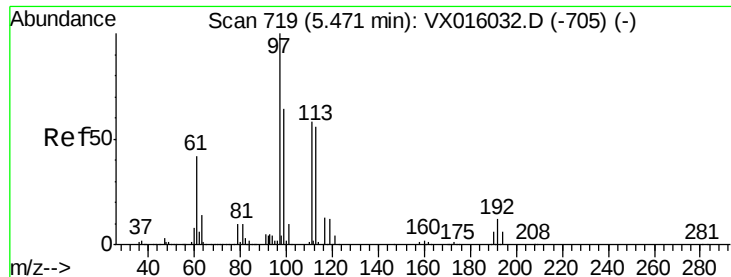
Tot Ion: 65 Resp: 151496
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016347.D
 Acq: 19 May 2020 19:57

Tgt Ion: 114 Resp: 431848
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 16.4 0.0 31.4

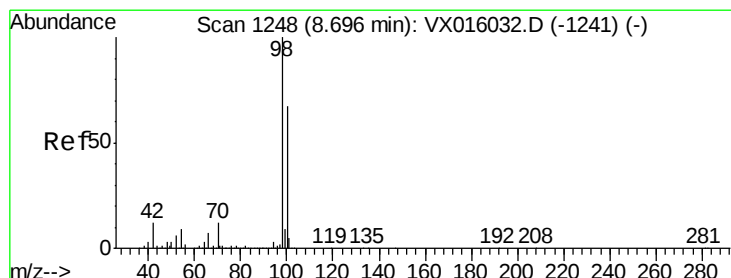
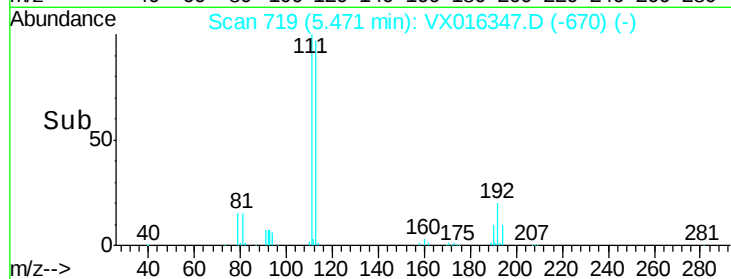
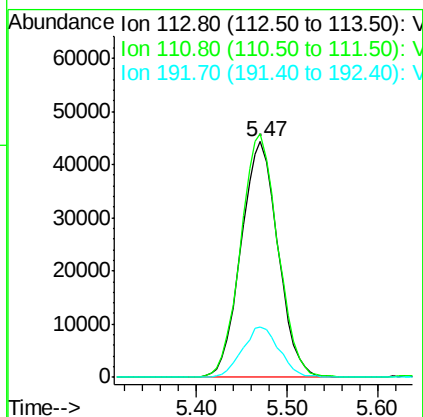
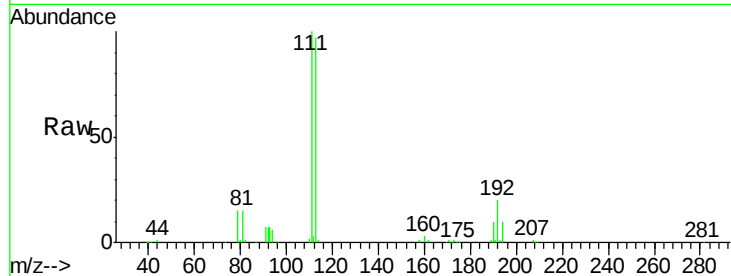




#35
 Dibromofluoromethane
 Concen: 45.716 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016347.D
 Acq: 19 May 2020 19:57

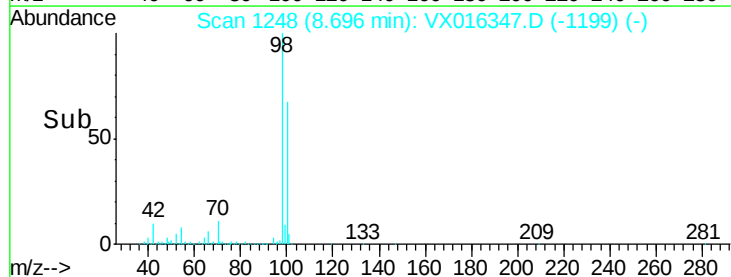
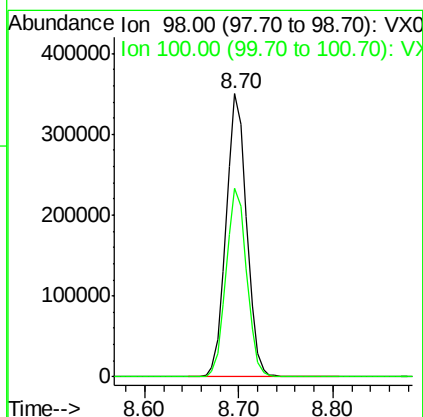
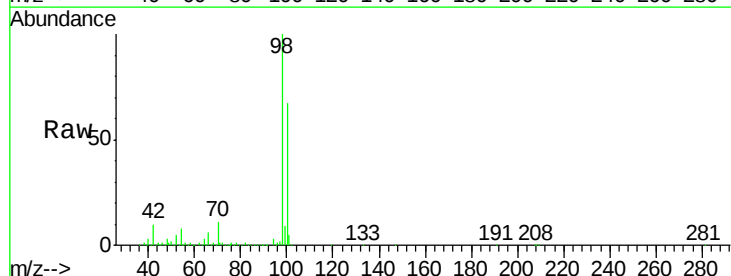
Instrument :
 MSVOA_X
 ClientSampleId :
 RP-WATER

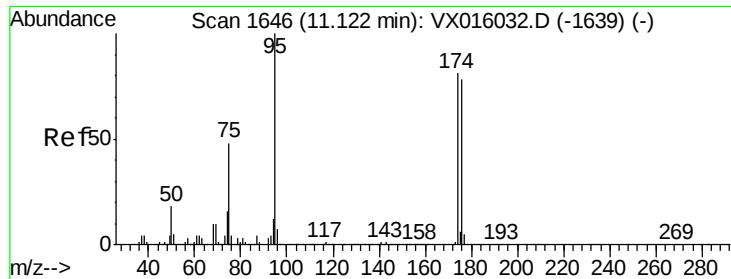
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.6	122.4
192	21.3	17.0	25.4



#50
 Toluene-d8
 Concen: 50.340 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016347.D
 Acq: 19 May 2020 19:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 52.491 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016347.D

Acq: 19 May 2020 19:57

Instrument :

MSVOA_X

ClientSampled :

RP-WATER

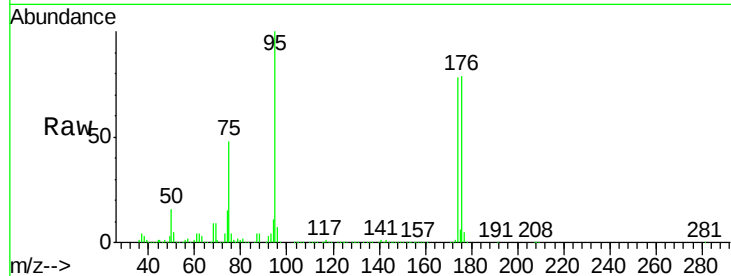
Tot Ion: 95 Resp: 210468

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.4

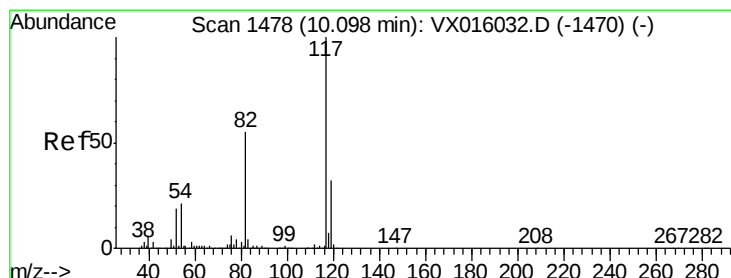
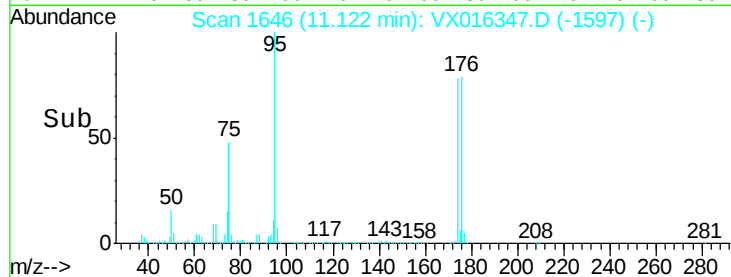
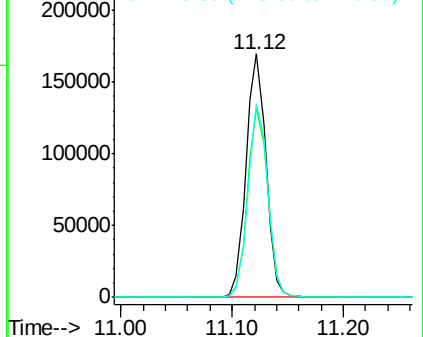
176 79.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016347.D

Acq: 19 May 2020 19:57

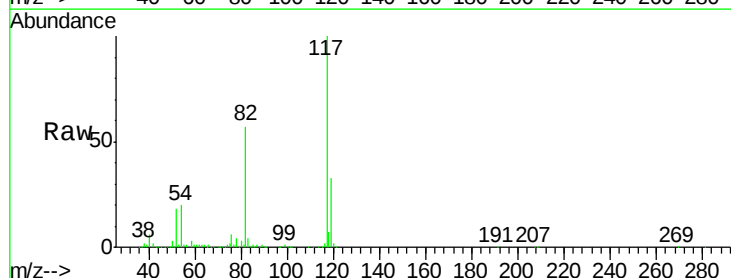
Tgt Ion: 117 Resp: 419539

Ion Ratio Lower Upper

117 100

82 56.6 44.4 66.6

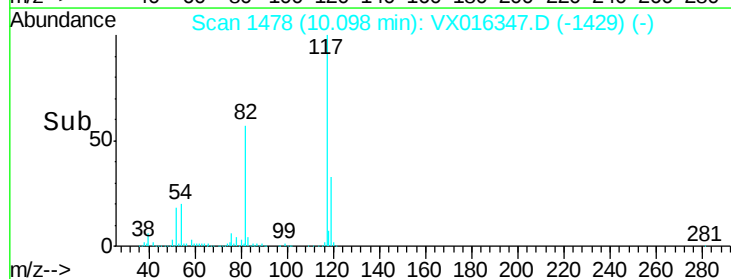
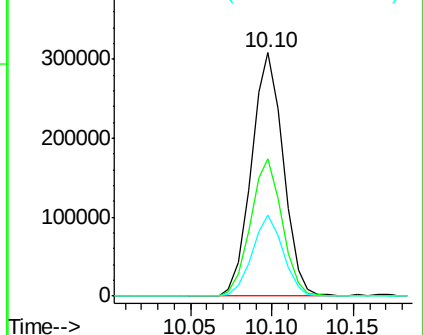
119 33.3 25.5 38.3

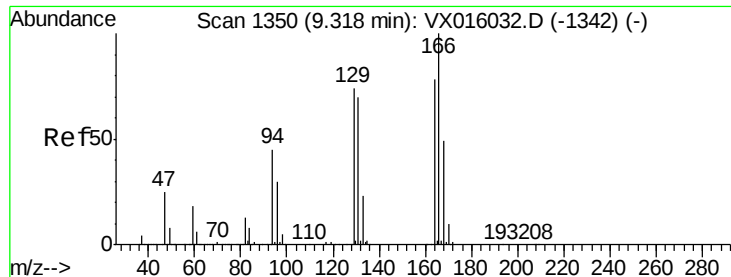


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.928 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016347.D

Acq: 19 May 2020 19:57

Instrument :

MSVOA_X

ClientSampleId :

RP-WATER

Tot Ion:164 Resp: 4779

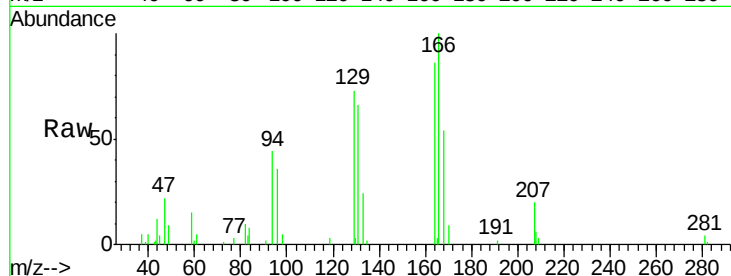
Ion Ratio Lower Upper

164 100

166 116.3 102.9 154.3

129 85.4 76.1 114.1

131 76.7 71.9 107.9

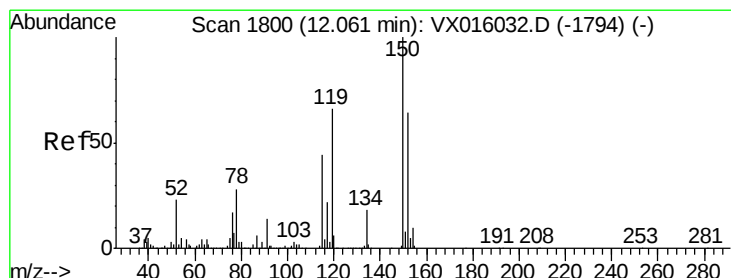
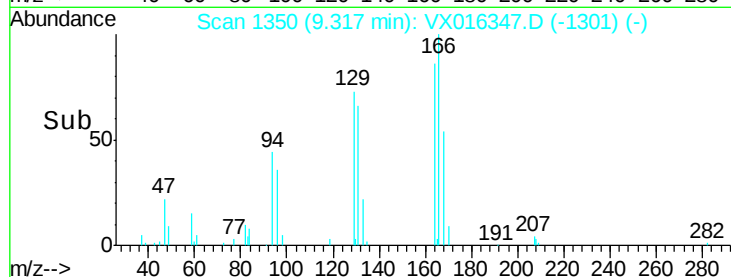
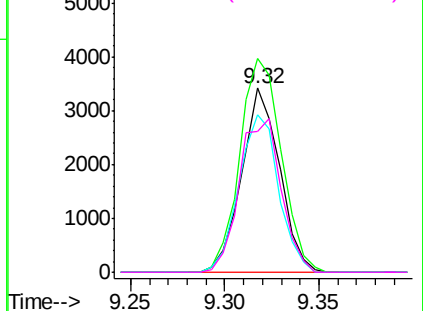


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016347.D

Acq: 19 May 2020 19:57

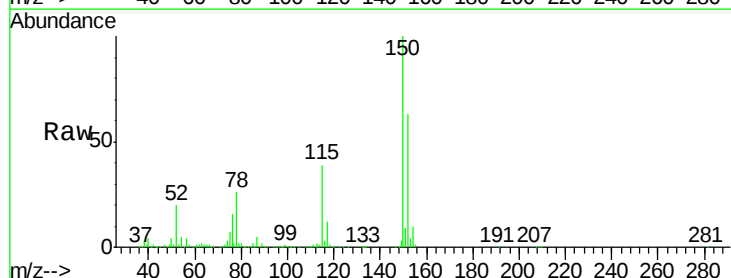
Tgt Ion:152 Resp: 203537

Ion Ratio Lower Upper

152 100

115 59.7 41.3 124.1

150 159.3 0.0 352.2



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

