

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002421.D
 Acq On : 09 Jun 2018 15:16
 Operator : JC/MD
 Sample : J3396-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-29

Quant Time: Jun 11 04:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144908	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	152204	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	5.51	113	115598	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	8.72	98	449823	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	11.14	95	148236	39.77	ug/l	0.00
Spiked Amount			Recovery	=	79.54%	

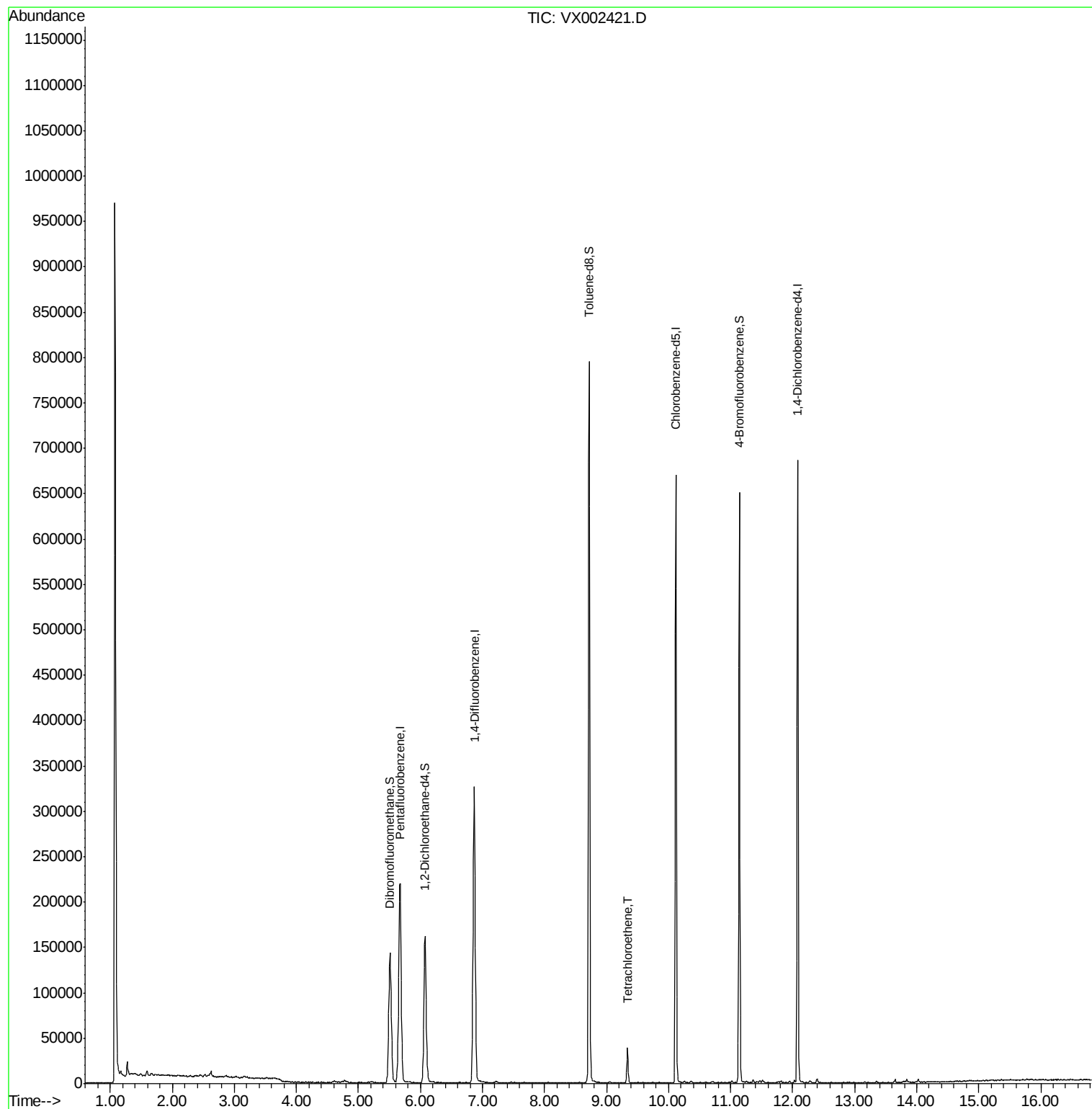
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	9.34	164	7335	2.51	ug/l	93

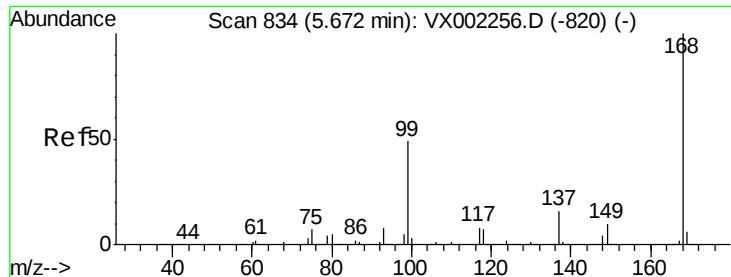
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002421.D

Acq: 09 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

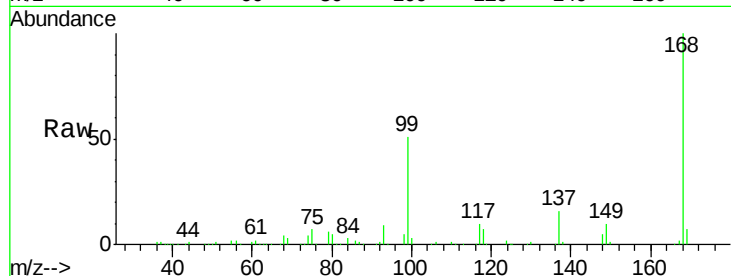
W-29

Tot Ion:168 Resp: 218611

Ion Ratio Lower Upper

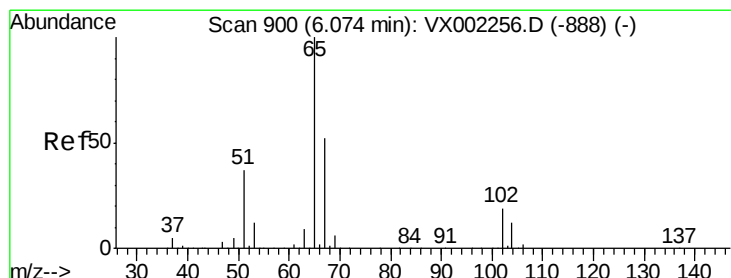
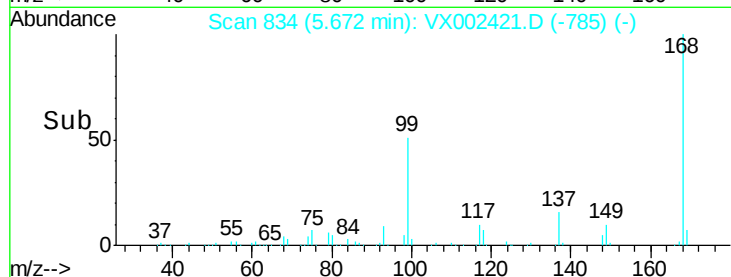
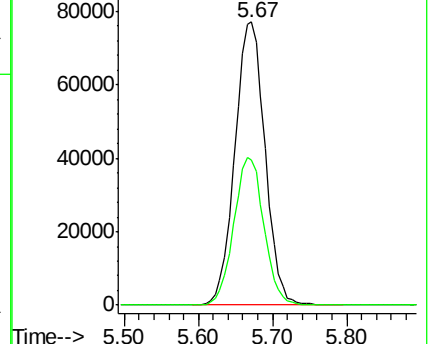
168 100

99 51.1 39.3 58.9



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: 48.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002421.D

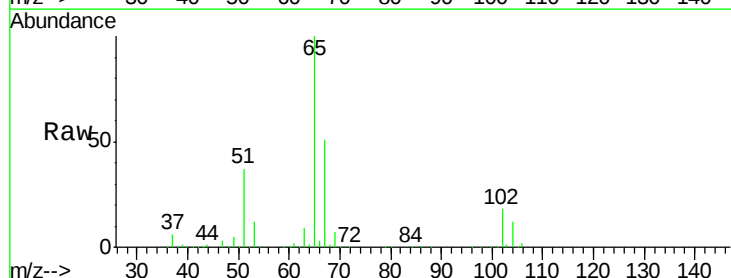
Acq: 09 Jun 2018 15:16

Tgt Ion: 65 Resp: 152204

Ion Ratio Lower Upper

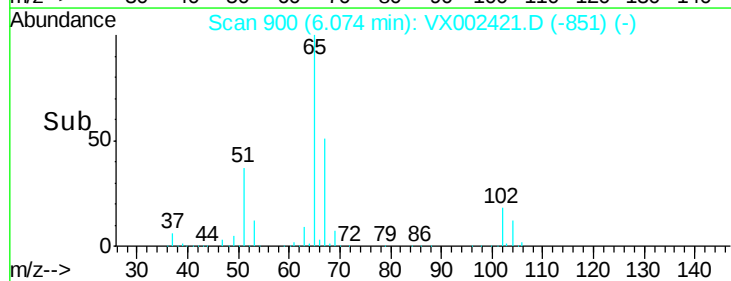
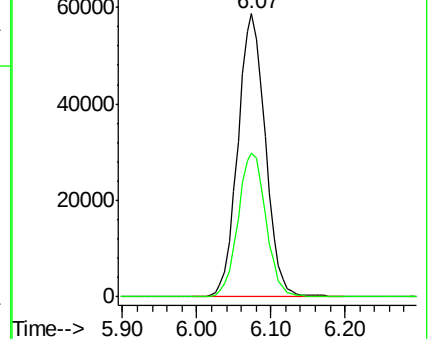
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002421.D

Acq: 09 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

W-29

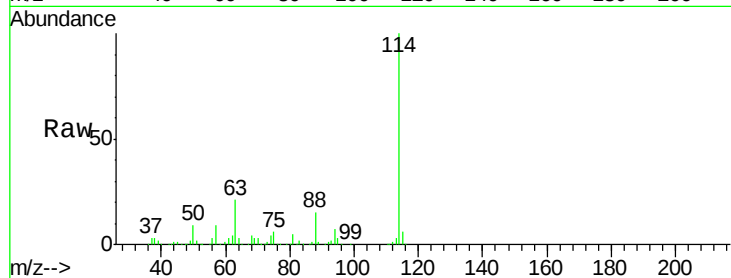
Tot Ion:114 Resp: 320701

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

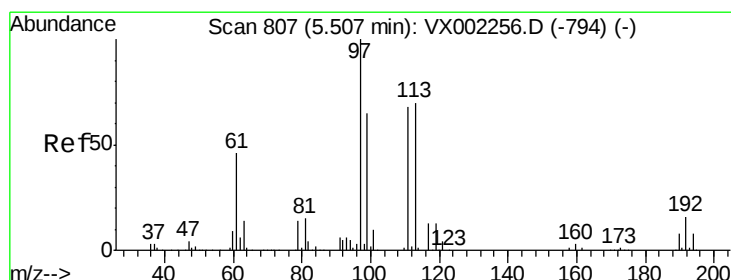
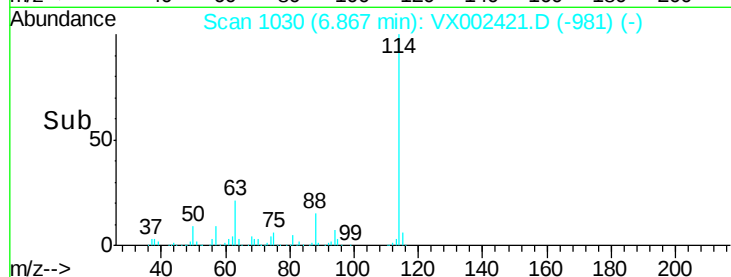
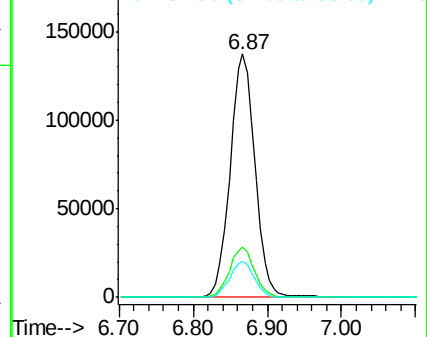
88 15.1 0.0 30.0



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: 45.84 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002421.D

Acq: 09 Jun 2018 15:16

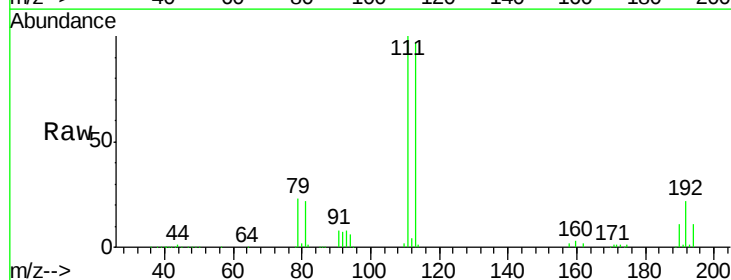
Tgt Ion:113 Resp: 115598

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

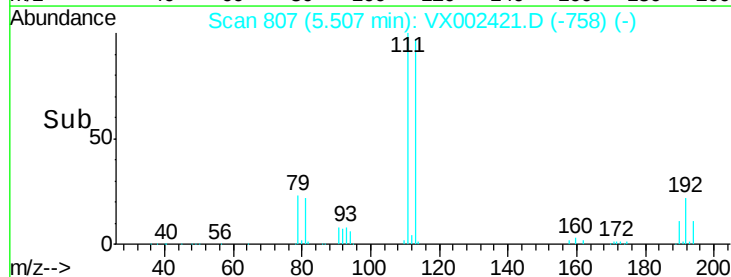
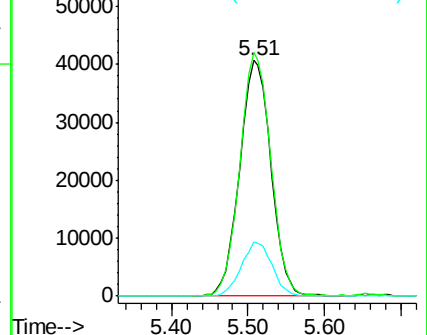
192 22.6 19.1 28.7

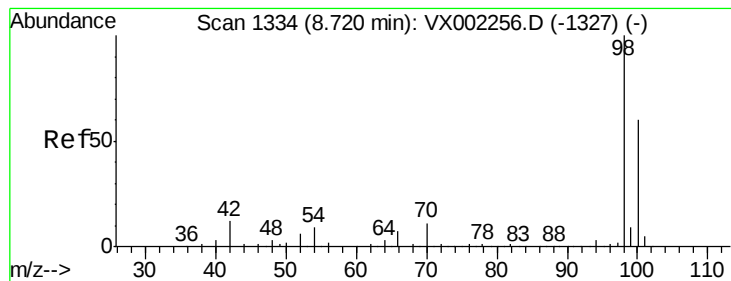


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002421.D

Acq: 09 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

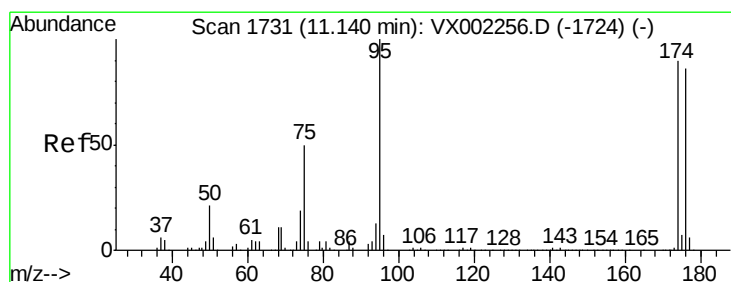
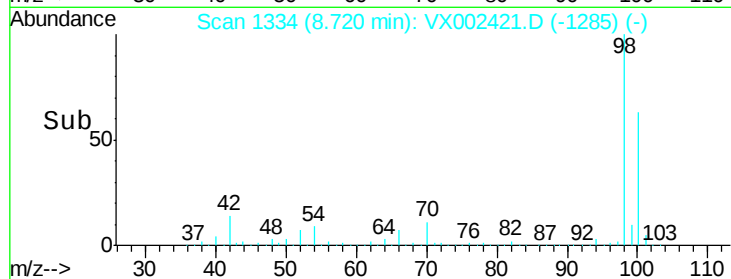
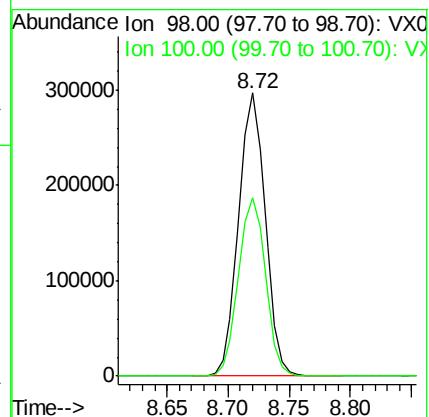
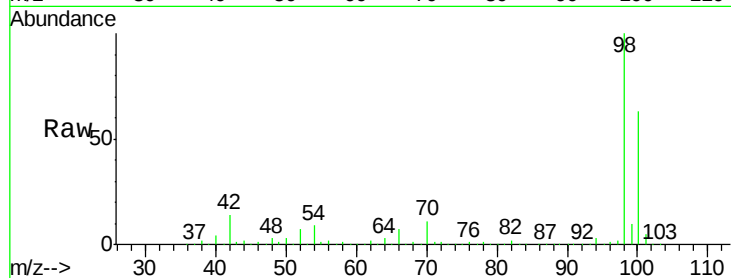
W-29

Tot Ion: 98 Resp: 449823

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 39.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002421.D

Acq: 09 Jun 2018 15:16

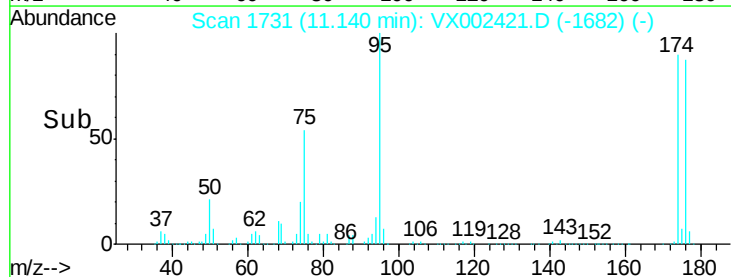
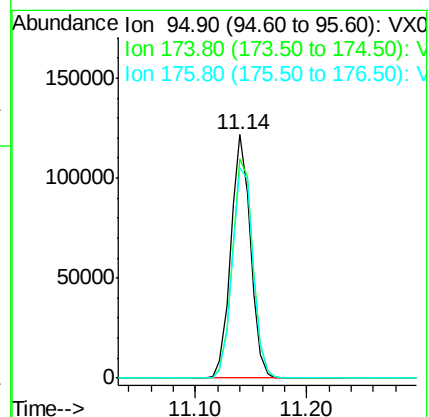
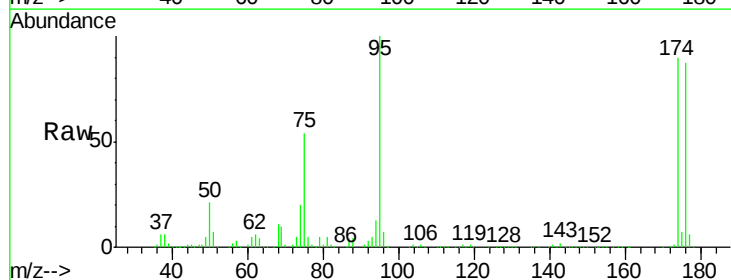
Tgt Ion: 95 Resp: 148236

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

176 91.4 0.0 181.0

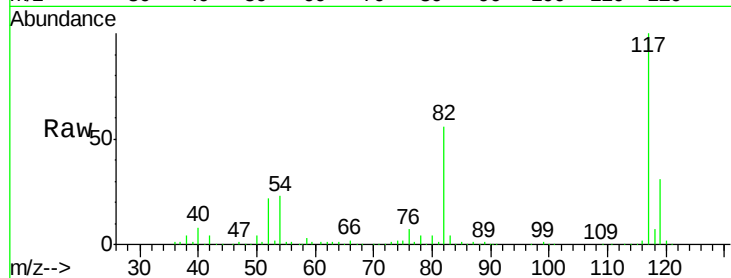




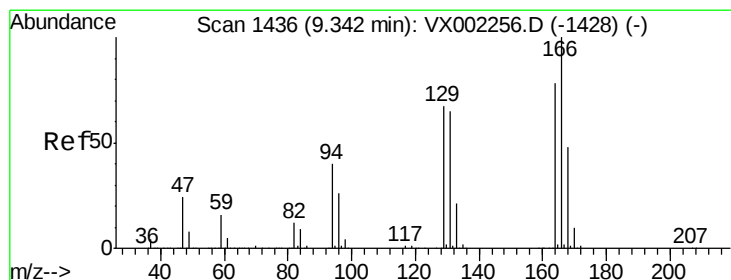
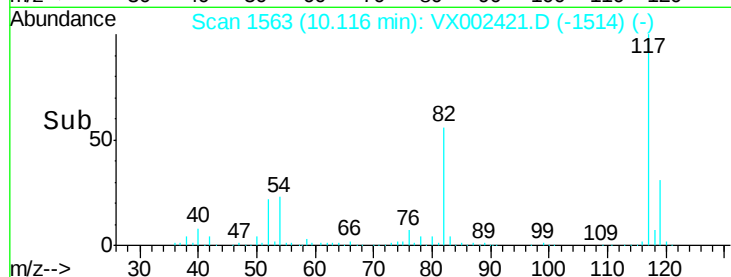
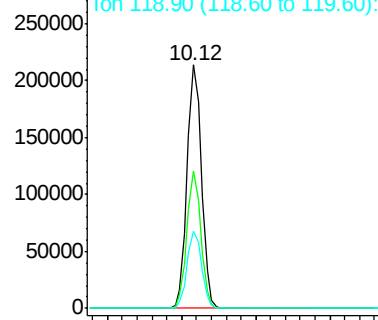
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002421.D
Acq: 09 Jun 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
W-29

Tot Ion:117 Resp: 283705
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 31.5 25.8 38.6

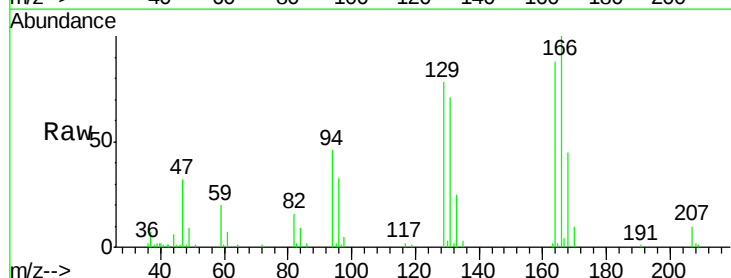


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

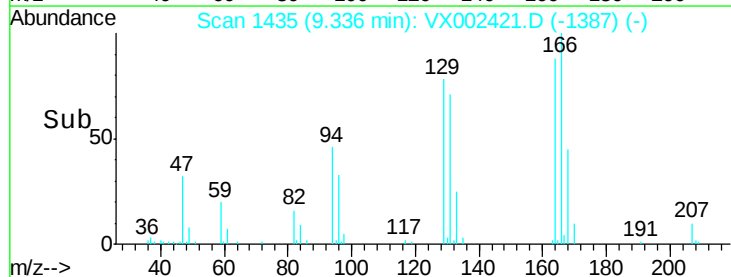
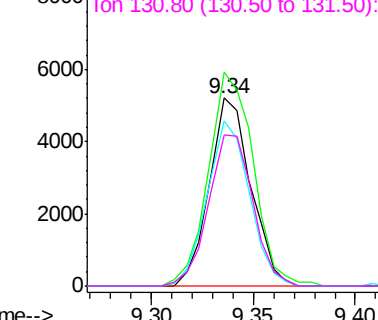


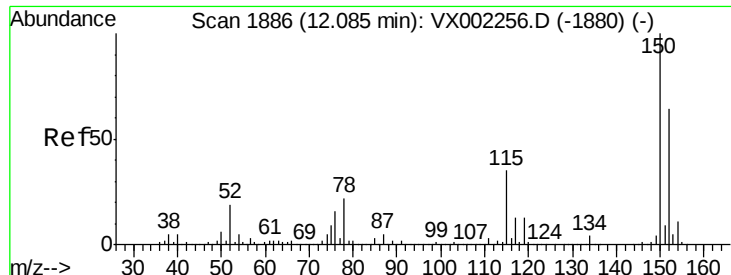
#64
Tetrachloroethene
Concen: 2.51 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002421.D
Acq: 09 Jun 2018 15:16

Tgt Ion:164 Resp: 7335
Ion Ratio Lower Upper
164 100
166 113.7 102.9 154.3
129 88.1 68.6 102.8
131 80.2 66.8 100.2



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

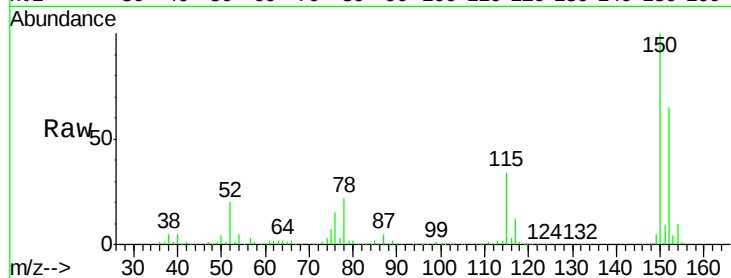




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002421.D
 Acq: 09 Jun 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 W-29

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	40.1	120.2
150	154.8	0.0	347.2



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

