

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002099.D
 Acq On : 29 May 2018 17:59
 Operator : JC/MD
 Sample : J3118-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-180521

Quant Time: May 30 13:11:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

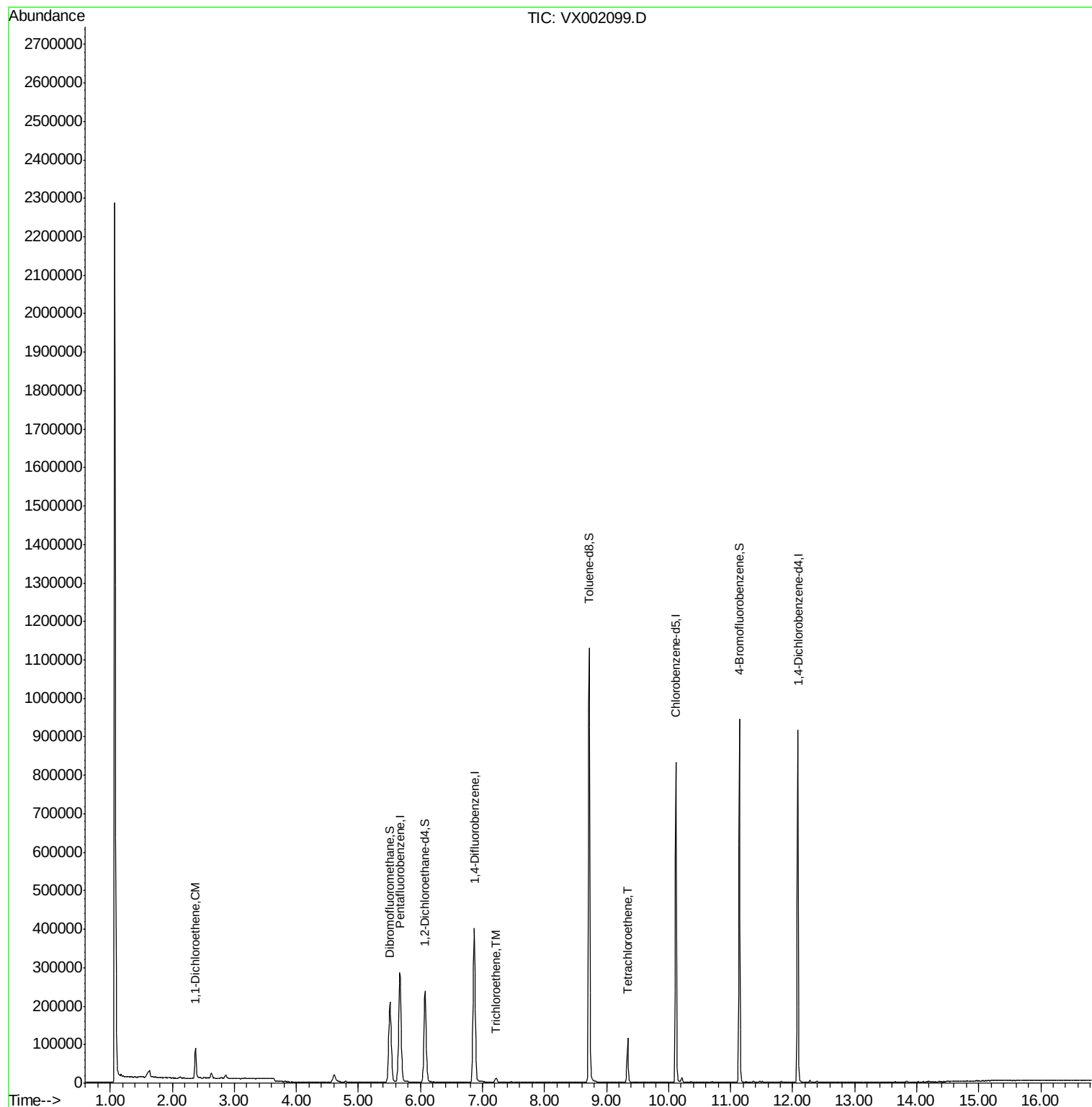
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	398742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221642	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
35) Dibromofluoromethane	5.51	113	170091	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
50) Toluene-d8	8.72	98	659950	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.14	95	226126	40.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.08%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	25352	7.67	ug/l	95
44) Trichloroethene	7.22	130	4157	0.88	ug/l	95
64) Tetrachloroethene	9.34	164	22700	4.43	ug/l	99

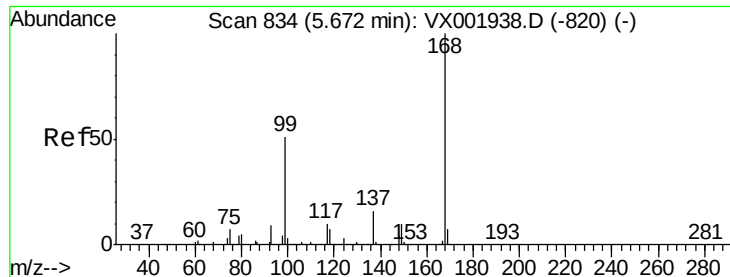
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

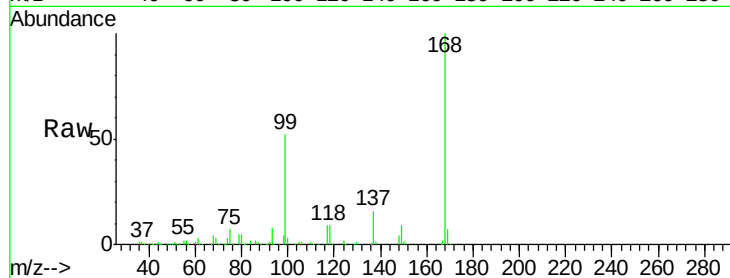
SS052MW733-180521

Tot Ion:168 Resp: 283494

Ion Ratio Lower Upper

168 100

99 52.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

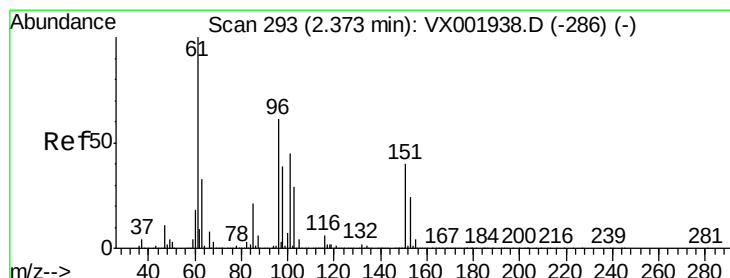
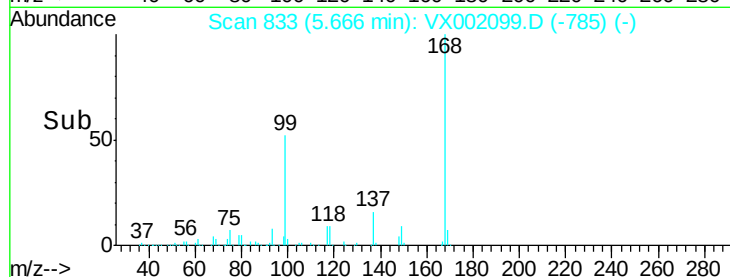
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 7.67 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

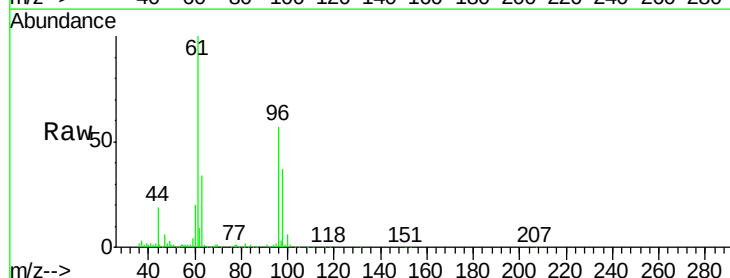
Tgt Ion: 96 Resp: 25352

Ion Ratio Lower Upper

96 100

61 174.1 131.7 197.5

98 64.8 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

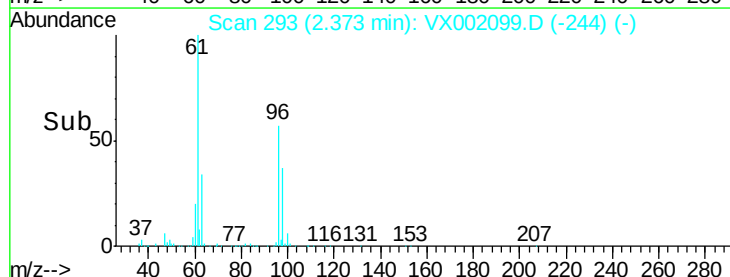
30000

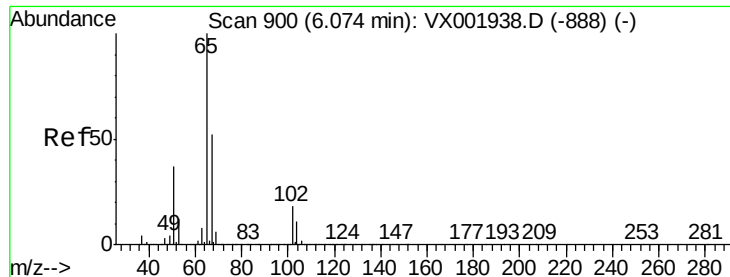
20000

10000

0

Time--> 2.30 2.35 2.40 2.45

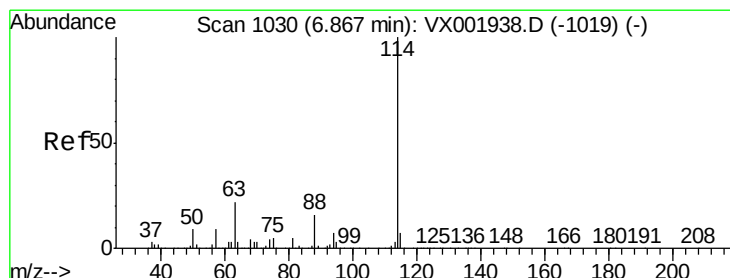
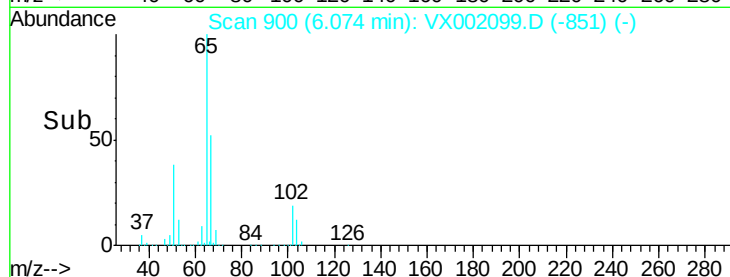
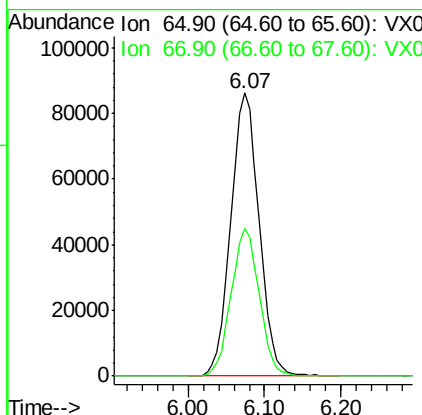
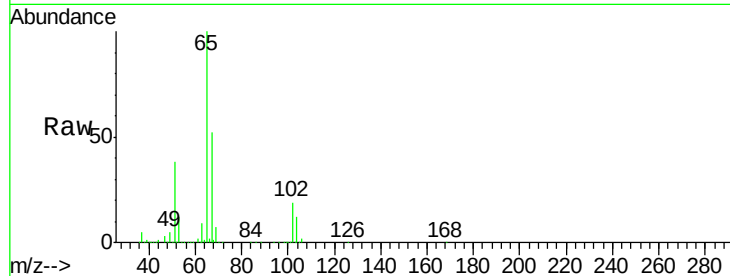




#33
 1,2-Dichloroethane-d4
 Concen: 43.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002099.D
 Acq: 29 May 2018 17:59

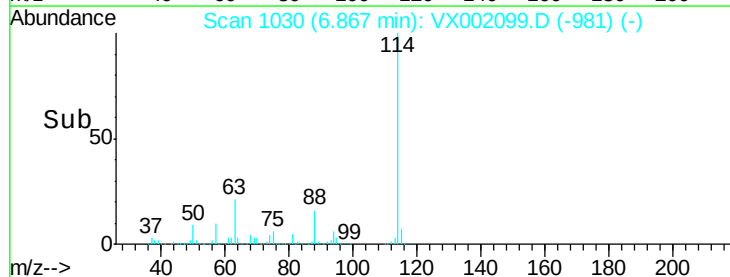
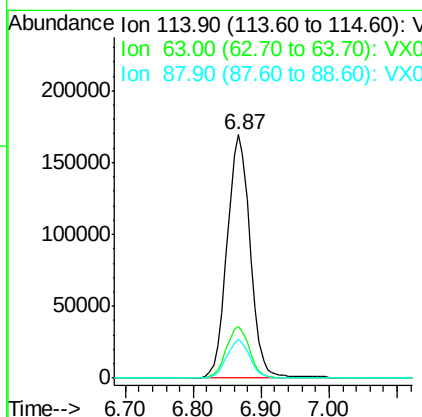
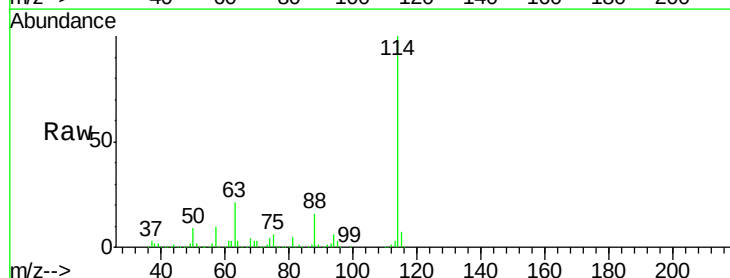
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-180521

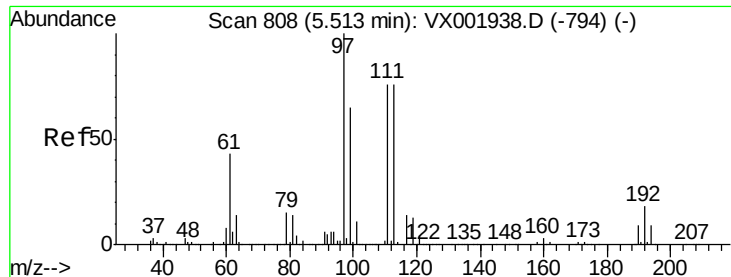
Tot Ion: 65 Resp: 221642
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002099.D
 Acq: 29 May 2018 17:59

Tgt Ion: 114 Resp: 398742
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 42.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

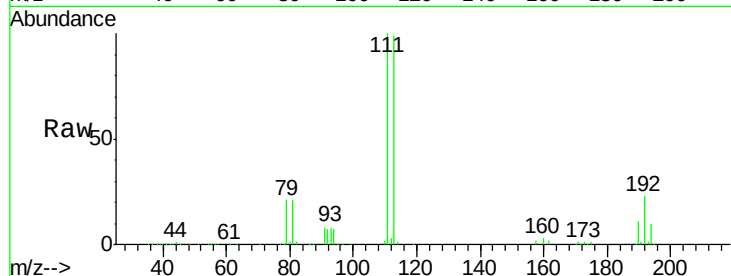
Tot Ion:113 Resp: 170091

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

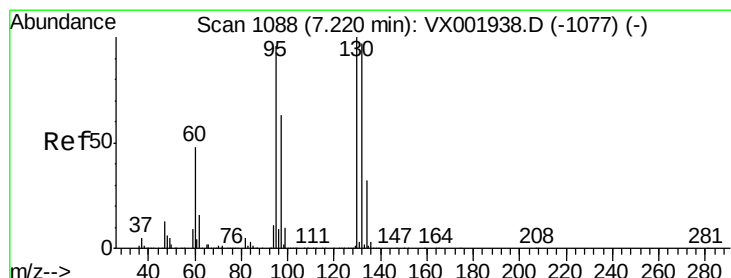
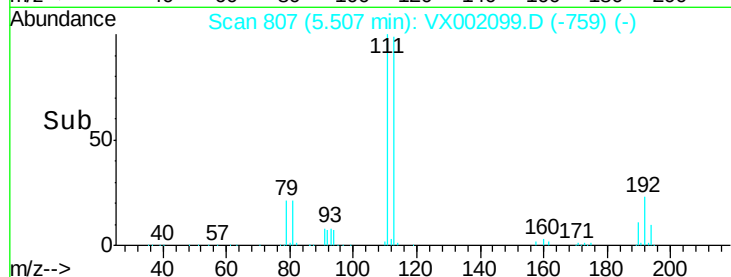
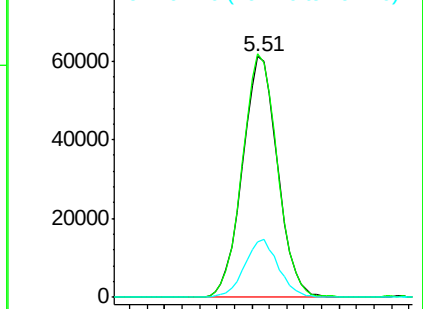
192 23.3 18.9 28.3



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: 0.88 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002099.D

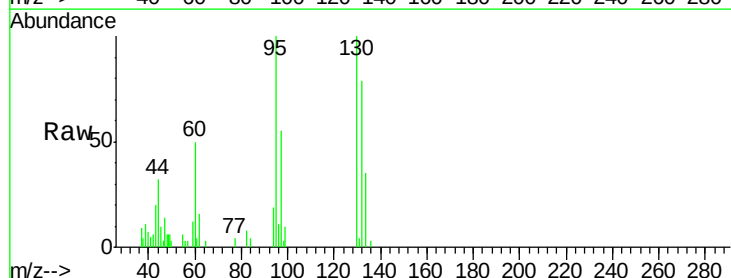
Acq: 29 May 2018 17:59

Tgt Ion:130 Resp: 4157

Ion Ratio Lower Upper

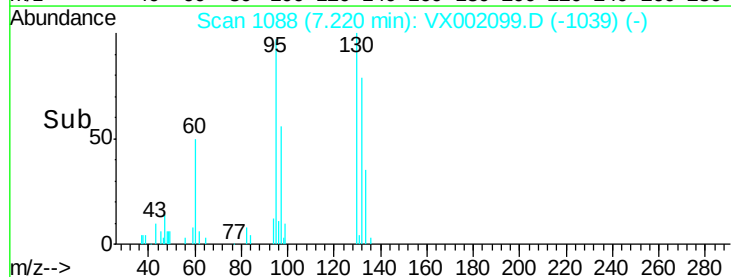
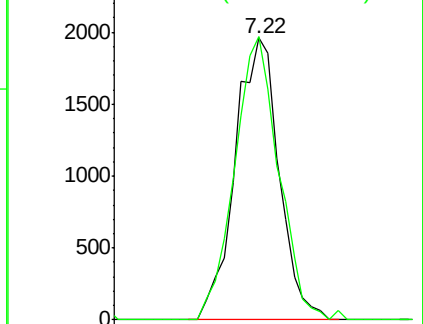
130 100

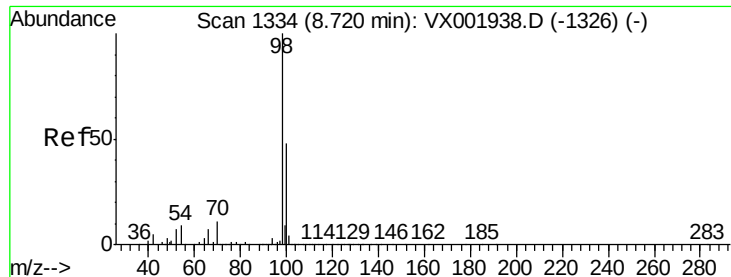
95 100.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 45.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

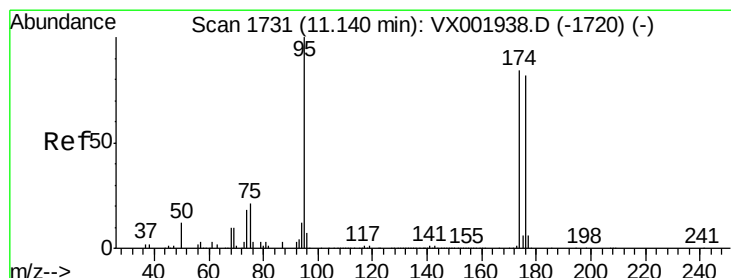
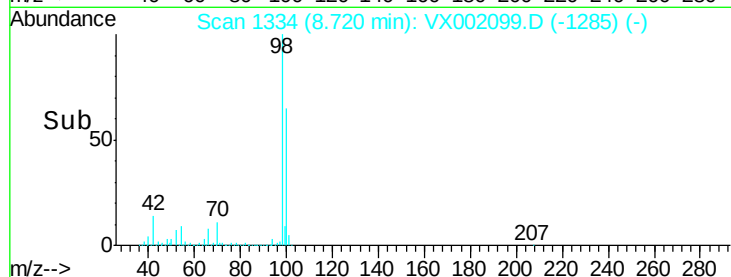
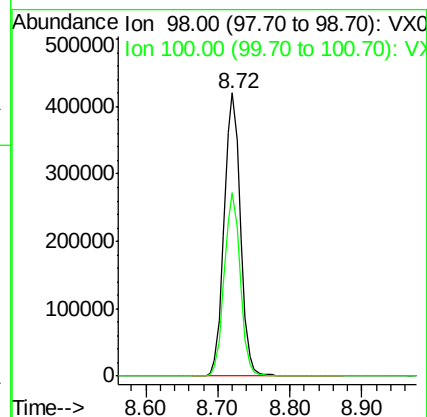
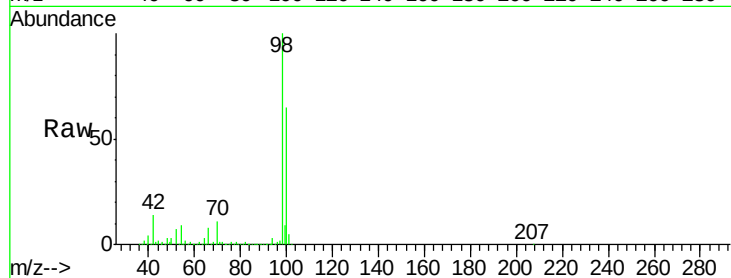
SS052MW733-180521

Tot Ion: 98 Resp: 659950

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 40.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

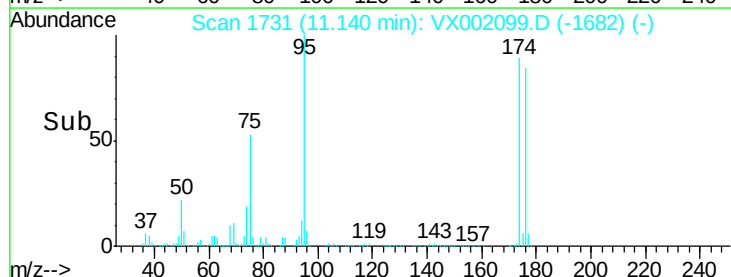
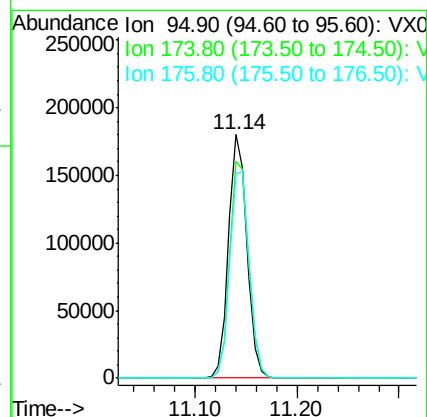
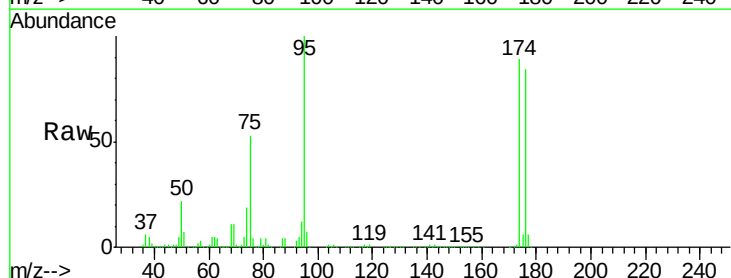
Tgt Ion: 95 Resp: 226126

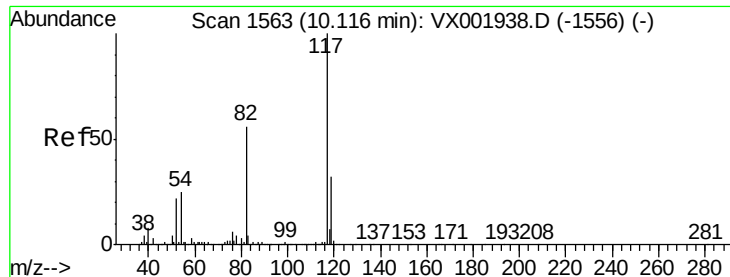
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

176 89.0 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

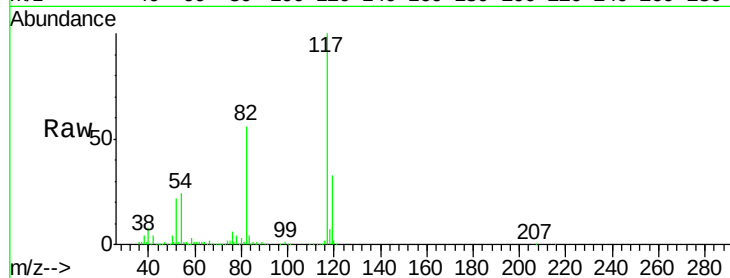
Tot Ion:117 Resp: 357429

Ion Ratio Lower Upper

117 100

82 56.3 44.8 67.2

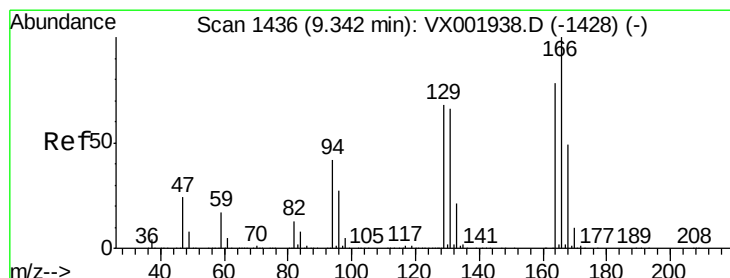
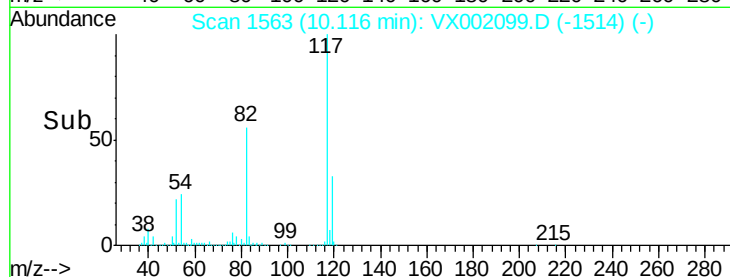
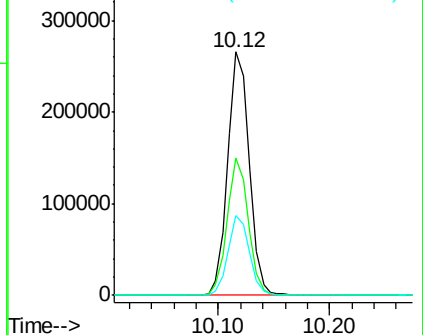
119 32.6 25.5 38.3



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: 4.43 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002099.D

Acq: 29 May 2018 17:59

Tgt Ion:164 Resp: 22700

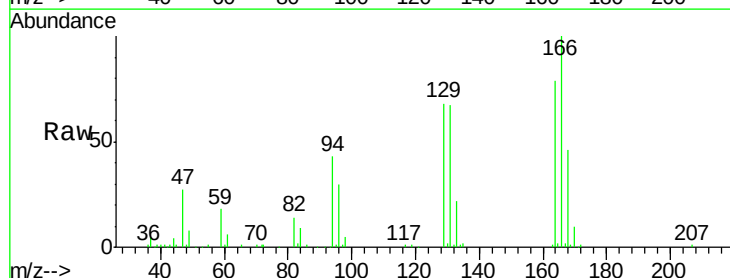
Ion Ratio Lower Upper

164 100

166 126.9 102.7 154.1

129 85.9 70.3 105.5

131 84.8 68.2 102.4

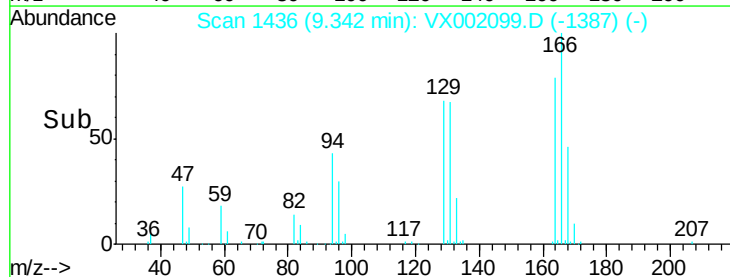
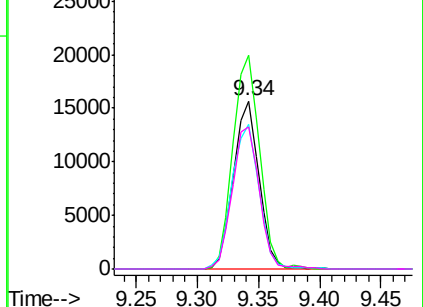


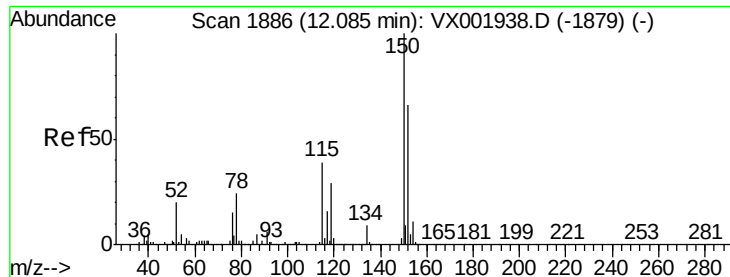
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX002099.D

Acq: 29 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

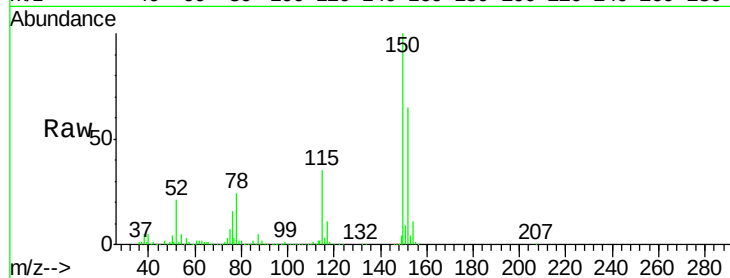
Tot Ion:152 Resp: 191703

Ion Ratio Lower Upper

152 100

115 54.9 42.3 126.8

150 154.5 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

