

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002243.D
 Acq On : 02 Jun 2018 16:57
 Operator : JC/MD
 Sample : J3119-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW737-180521

Quant Time: Jun 04 06:10:07 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

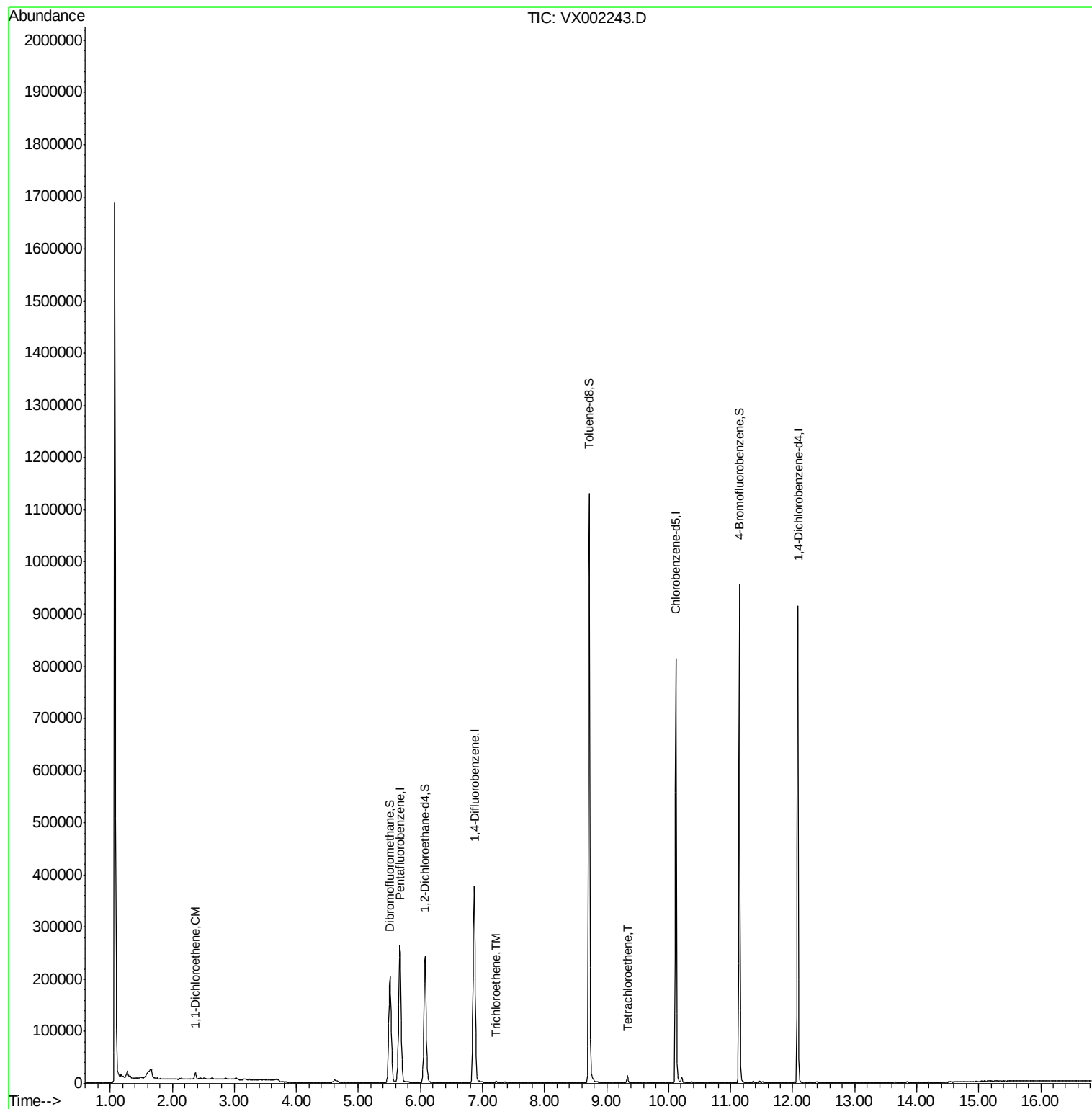
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	228843	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.51	113	164758	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
50) Toluene-d8	8.72	98	657316	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.14	95	228406	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	3976	1.321	ug/l	94
44) Trichloroethene	7.21	130	985	0.223	ug/l	85
64) Tetrachloroethene	9.34	164	2601	0.523	ug/l #	87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

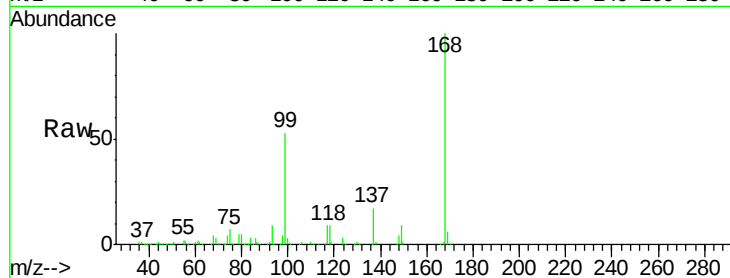
SS052MW737-180521

Tot Ion:168 Resp: 258305

Ion Ratio Lower Upper

168 100

99 52.5 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

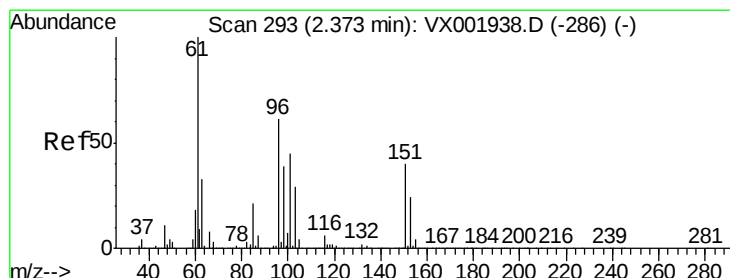
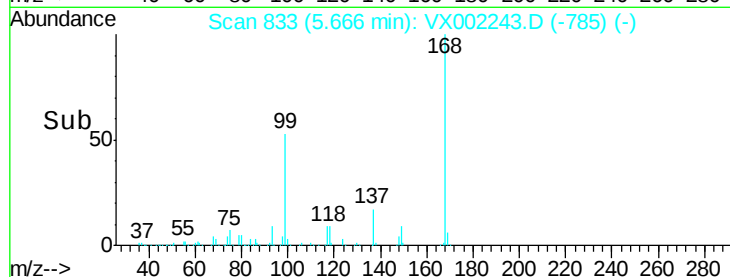
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.321 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

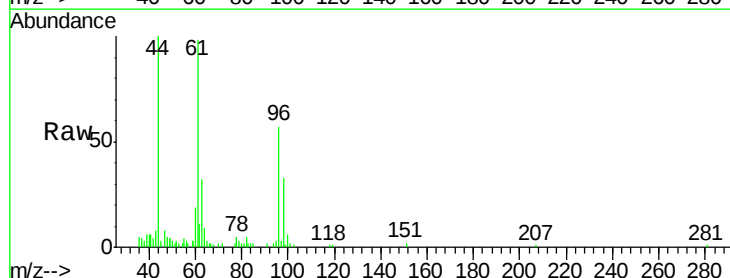
Tgt Ion: 96 Resp: 3976

Ion Ratio Lower Upper

96 100

61 170.0 131.7 197.5

98 56.9 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

5000

4000

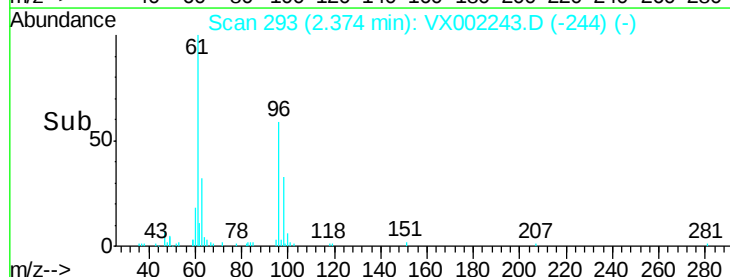
3000

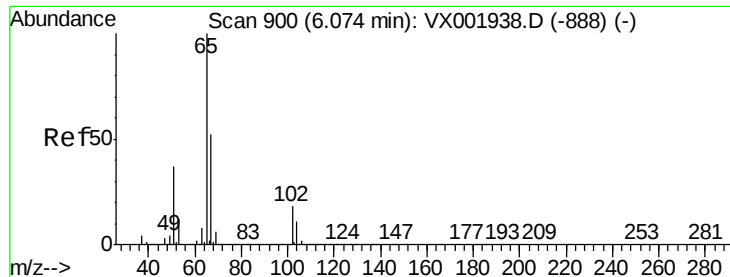
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 49.563 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

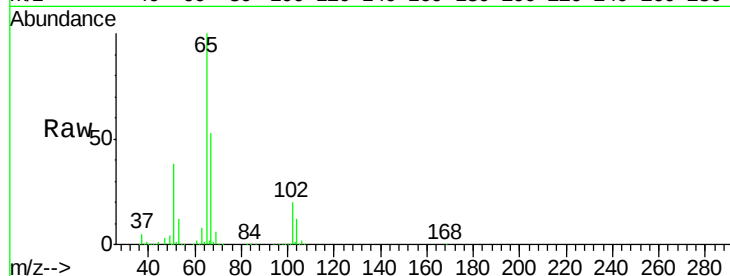
SS052MW737-180521

Tot Ion: 65 Resp: 228843

Ion Ratio Lower Upper

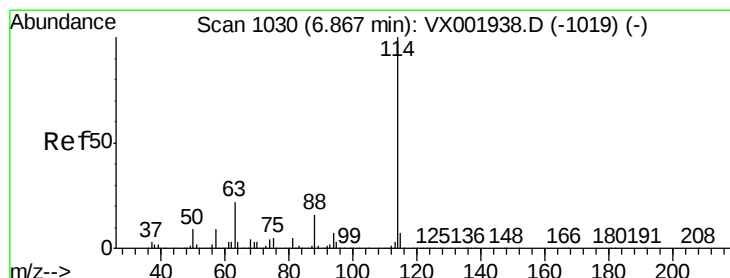
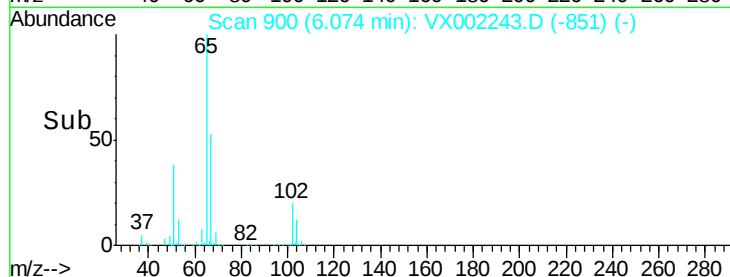
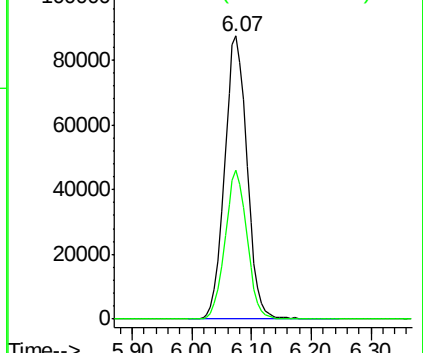
65 100

67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

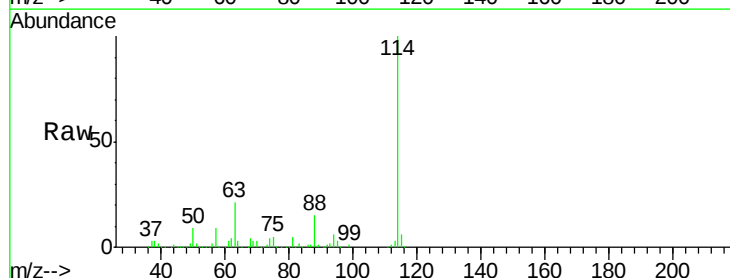
Tgt Ion: 114 Resp: 371802

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

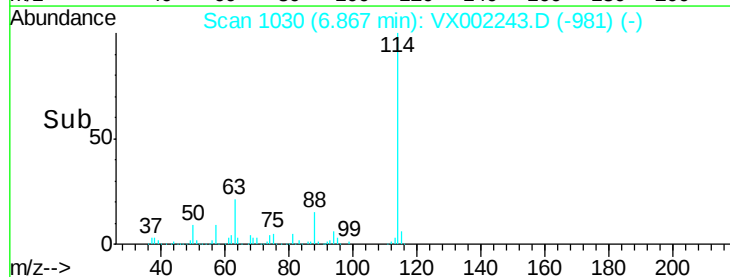
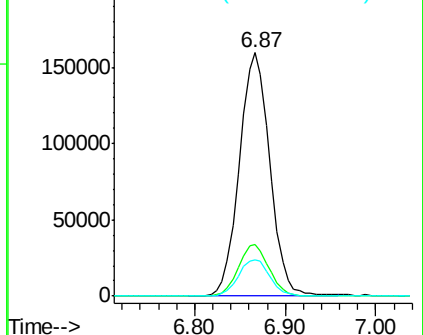
88 14.7 0.0 31.6

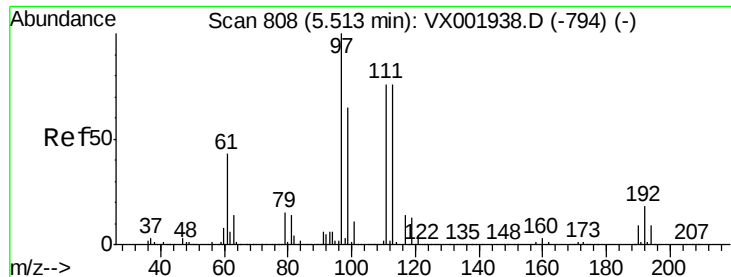


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

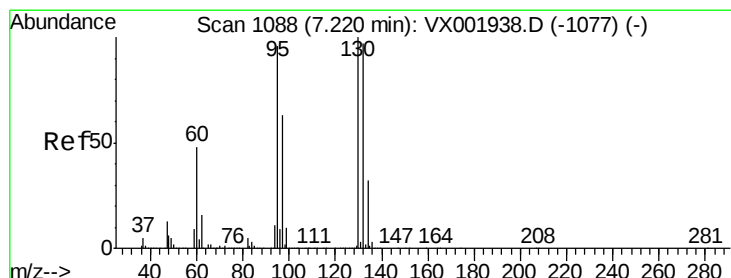
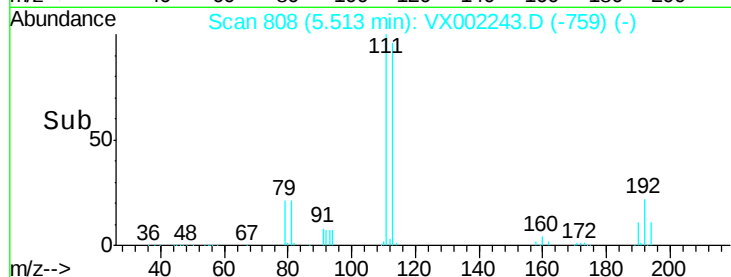
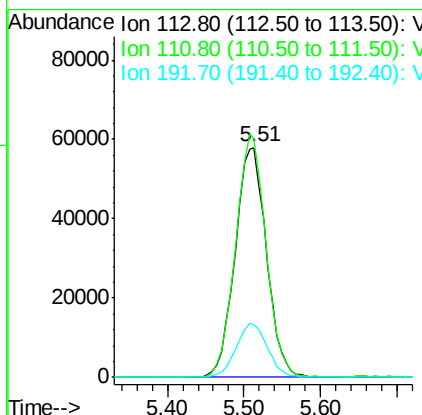
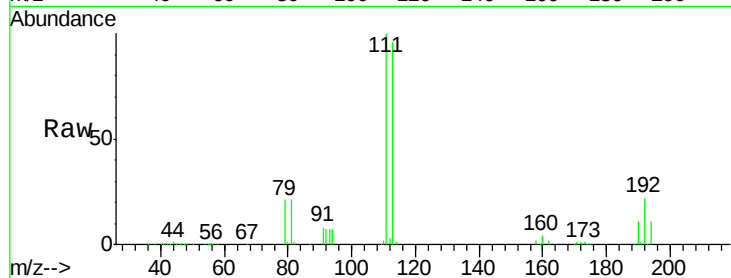




#35
Dibromofluoromethane
Concen: 44.313 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX002243.D
Acq: 02 Jun 2018 16:57

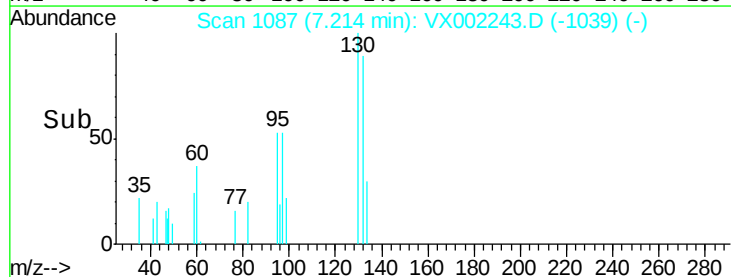
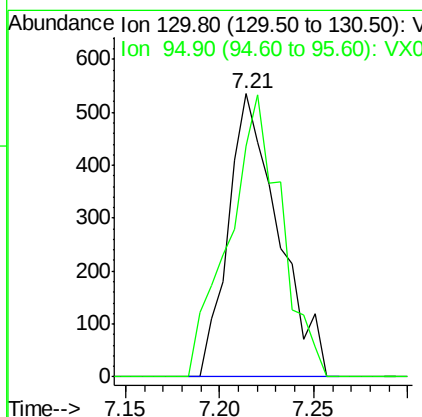
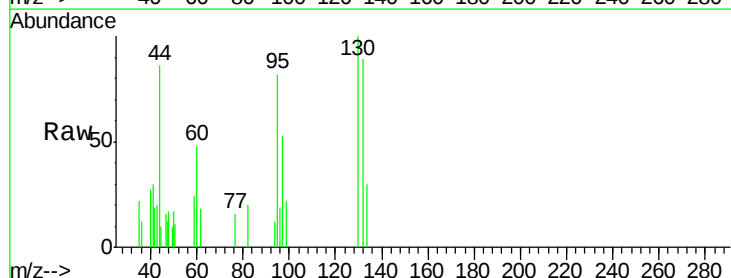
Instrument :
MSVOA_X
ClientSampleId :
SS052MW737-180521

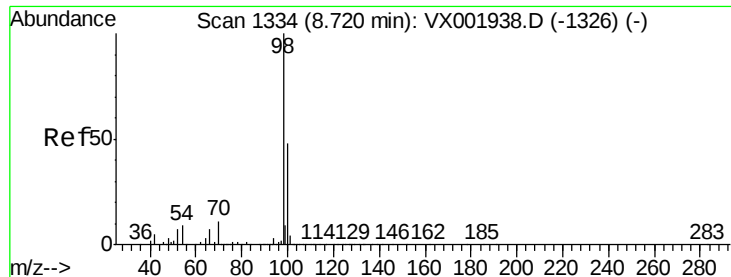
Tot Ion:113 Resp: 164758
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 23.3 18.9 28.3



#44
Trichloroethene
Concen: 0.223 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002243.D
Acq: 02 Jun 2018 16:57

Tgt Ion:130 Resp: 985
Ion Ratio Lower Upper
130 100
95 81.7 0.0 192.0

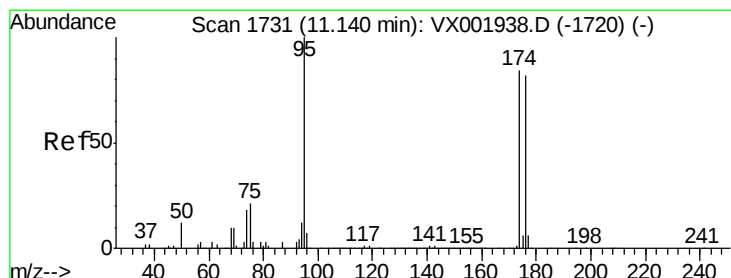
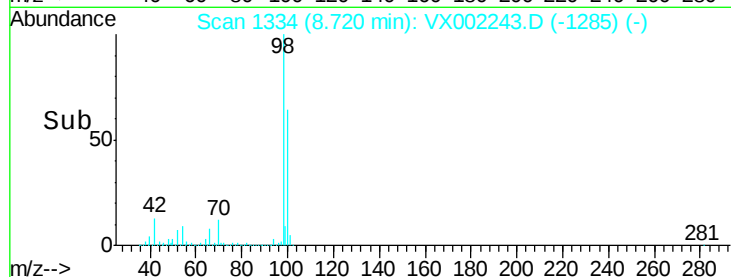
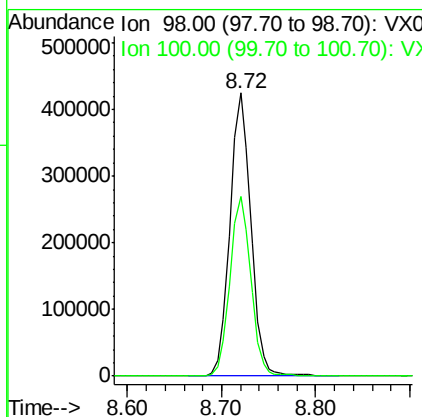
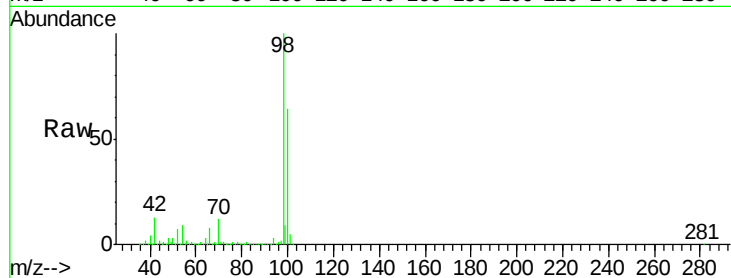




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002243.D
Acq: 02 Jun 2018 16:57

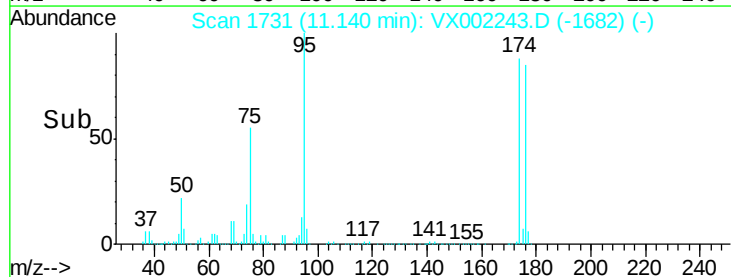
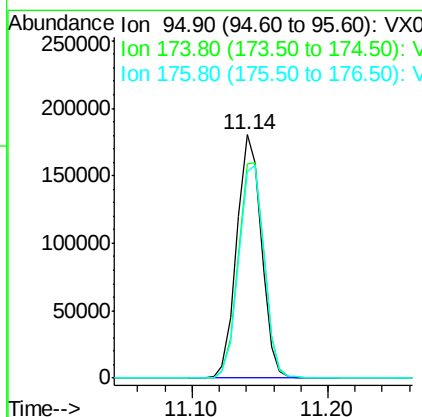
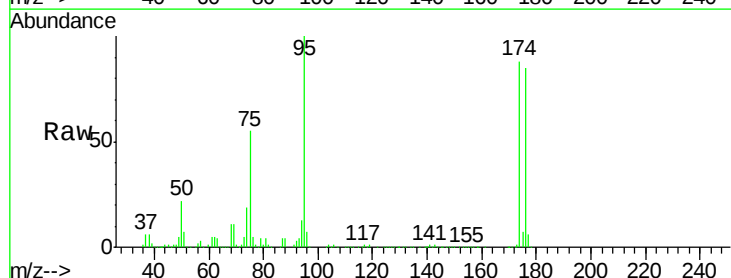
Instrument :
MSVOA_X
ClientSampleId :
SS052MW737-180521

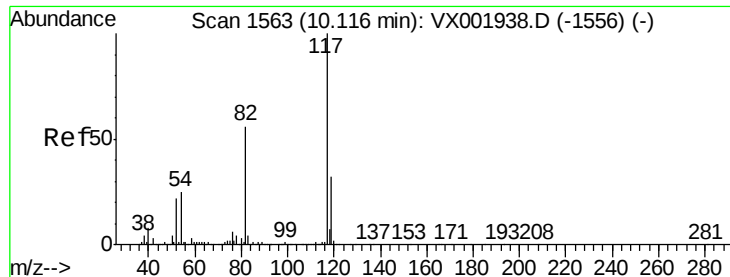
Tot Ion: 98 Resp: 657316
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.369 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002243.D
Acq: 02 Jun 2018 16:57

Tgt Ion: 95 Resp: 228406
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.8
176 90.1 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

SS052MW737-180521

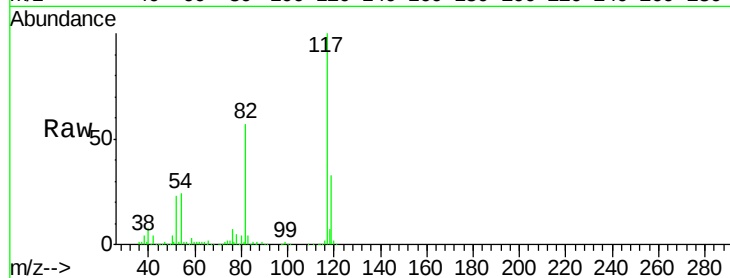
Tot Ion:117 Resp: 346739

Ion Ratio Lower Upper

117 100

82 56.9 44.8 67.2

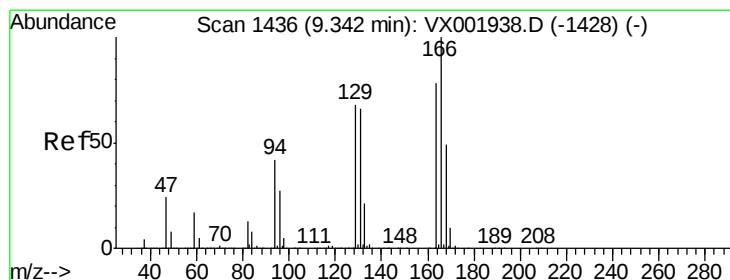
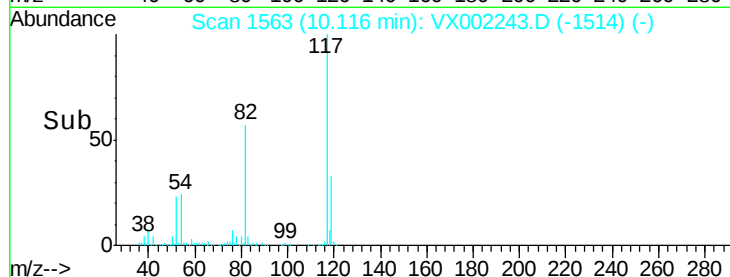
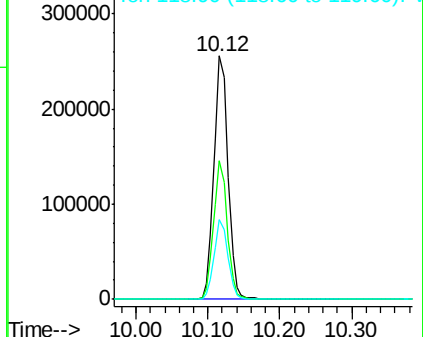
119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.523 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002243.D

Acq: 02 Jun 2018 16:57

Tgt Ion:164 Resp: 2601

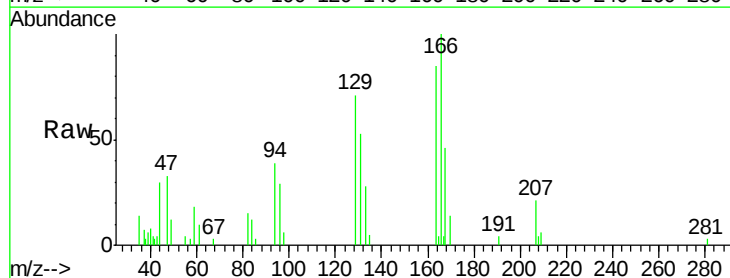
Ion Ratio Lower Upper

164 100

166 117.1 102.7 154.1

129 82.9 70.3 105.5

131 62.6 68.2 102.4#

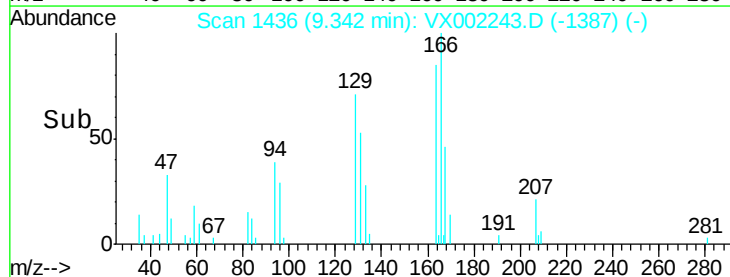
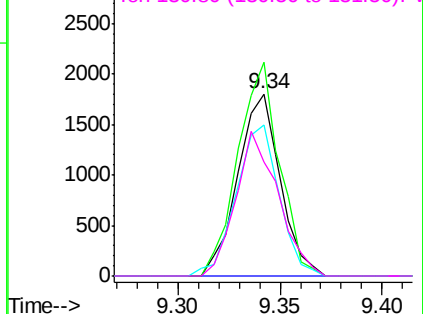


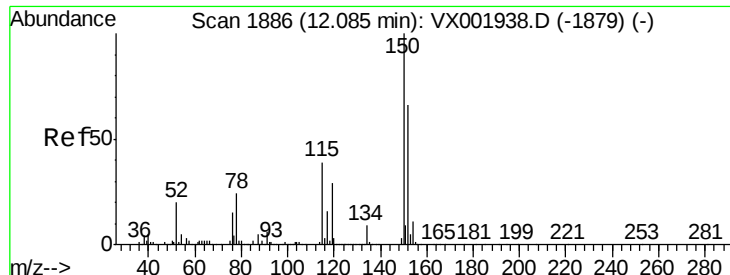
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002243.D

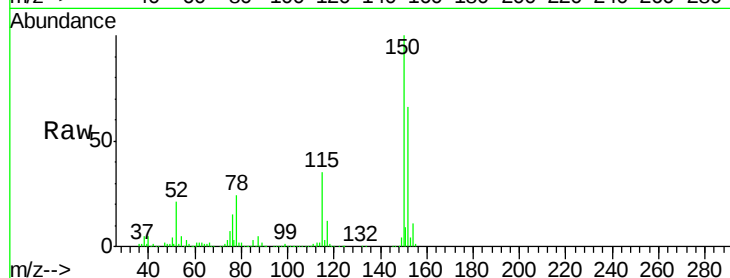
Acq: 02 Jun 2018 16:57

Instrument :

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ClientSampleId :

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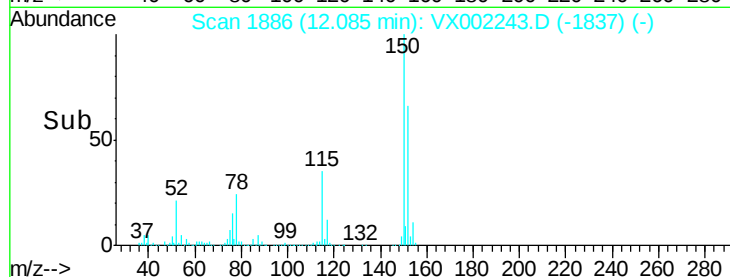
Tot Ion:152 Resp: 191085

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 155.2 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

