

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009579.D
 Acq On : 15 May 2019 14:50
 Operator : JC/SP
 Sample : K2857-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-190514

Quant Time: May 16 12:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

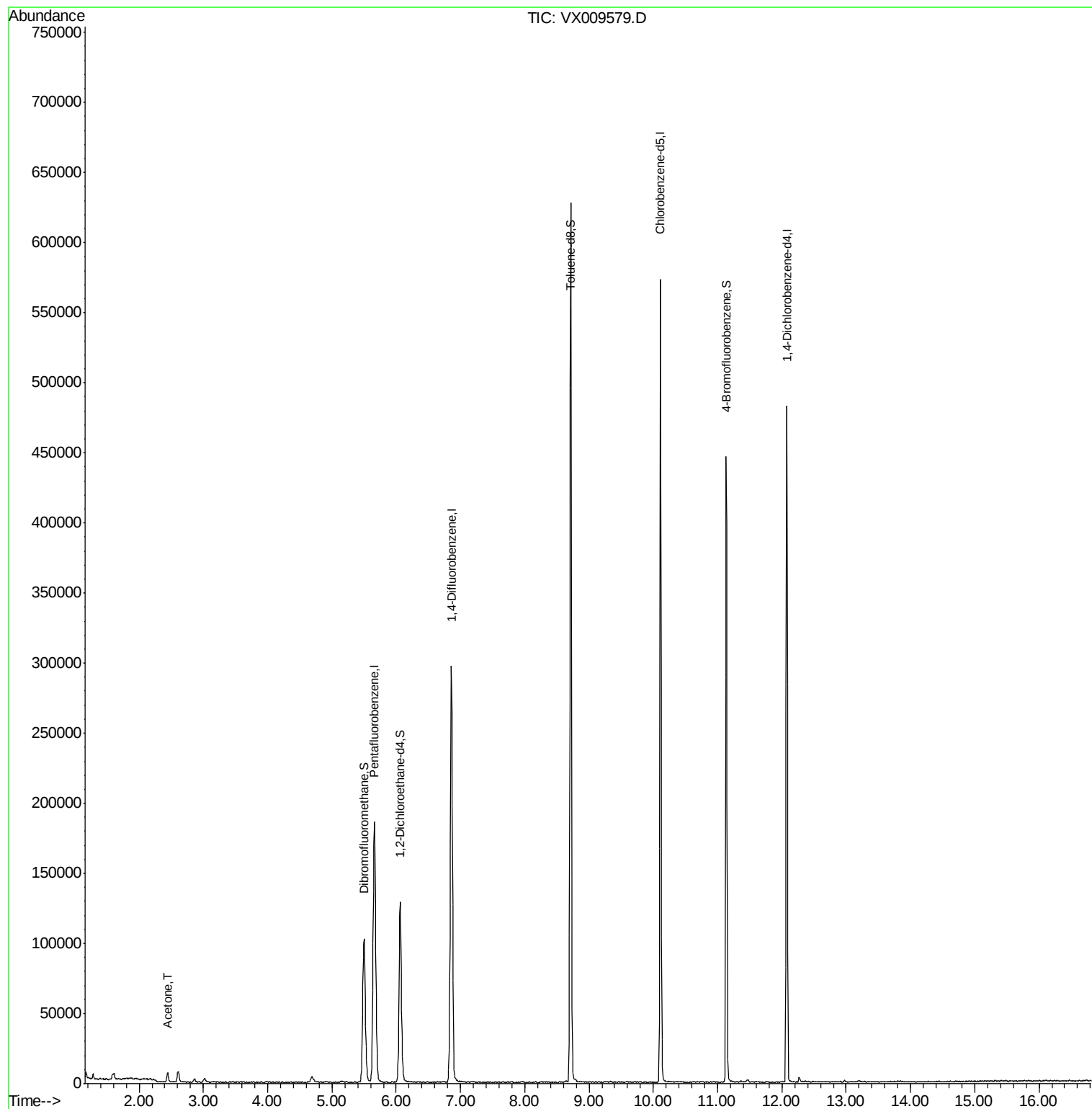
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120813	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	88709	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	362696	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	115251	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
16) Acetone	2.44	43	7291	5.471	ug/l	Qvalue 90

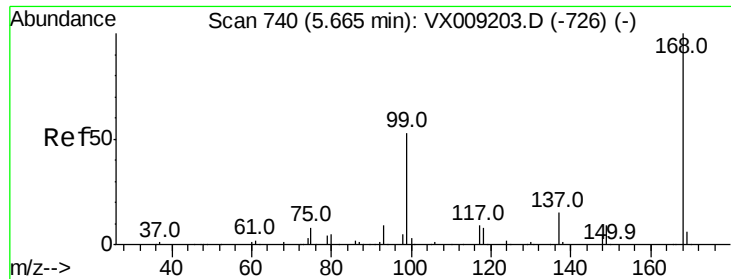
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009579.D

Acq: 15 May 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

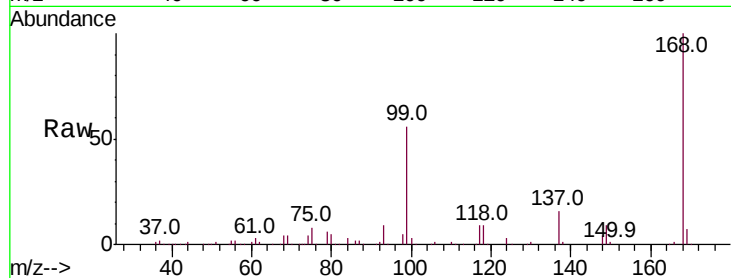
FB-190514

Tot Ion:168 Resp: 181810

Ion Ratio Lower Upper

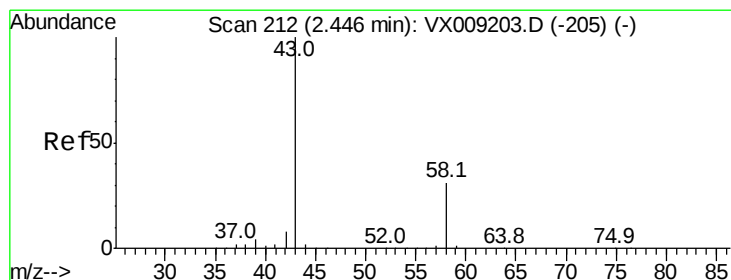
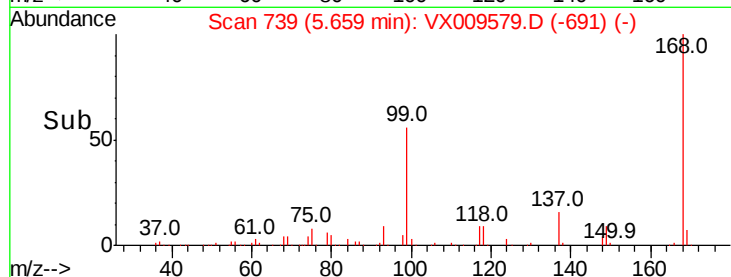
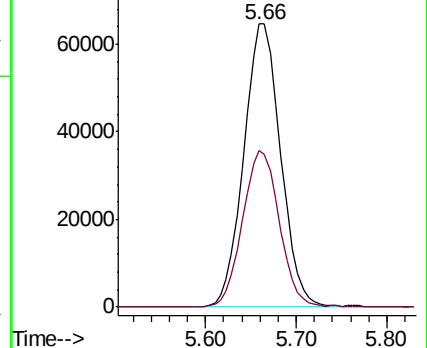
168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.471 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009579.D

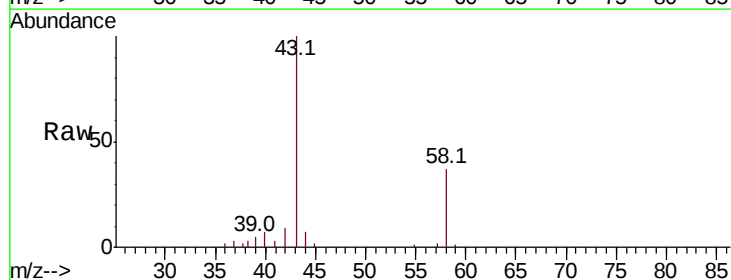
Acq: 15 May 2019 14:50

Tgt Ion: 43 Resp: 7291

Ion Ratio Lower Upper

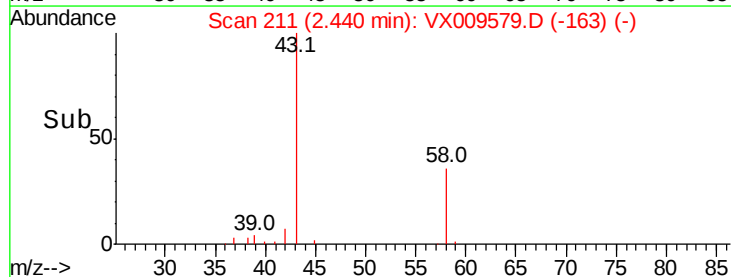
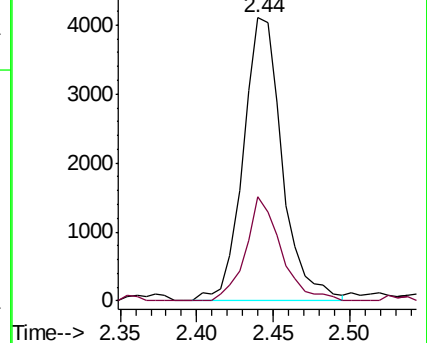
43 100

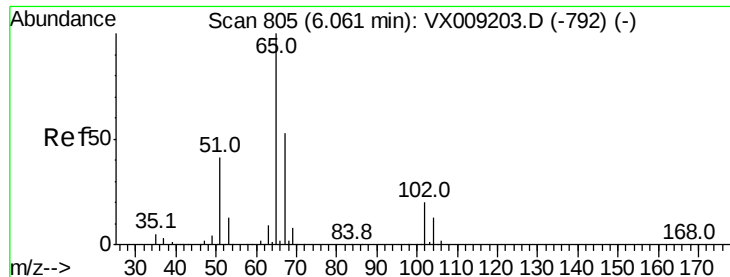
58 36.7 24.9 37.3



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: 48.677 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009579.D

Acq: 15 May 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

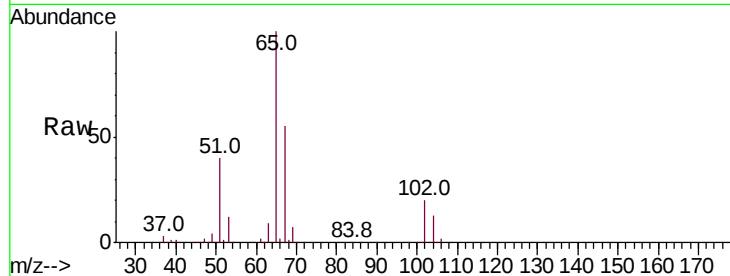
FB-190514

Tot Ion: 65 Resp: 120813

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

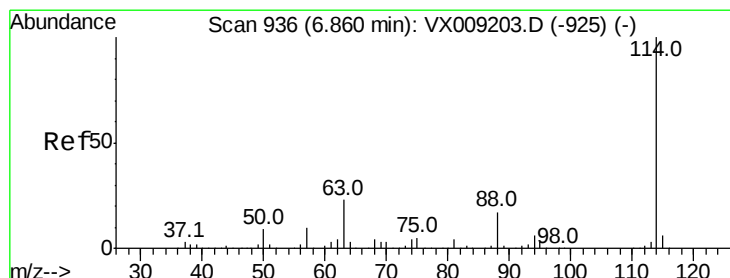
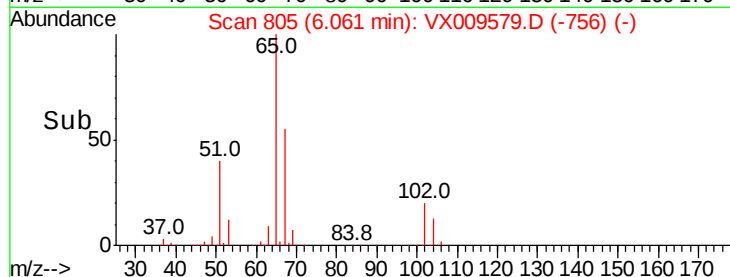
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009579.D

Acq: 15 May 2019 14:50

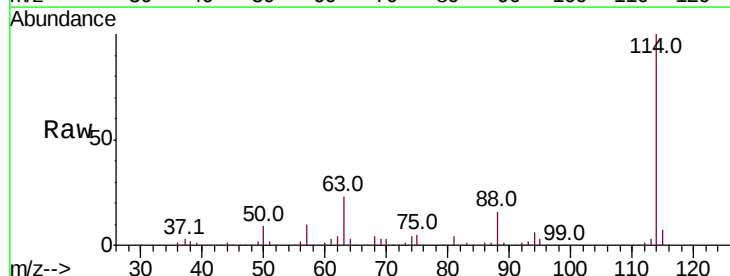
Tgt Ion:114 Resp: 291208

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.2 0.0 33.2



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

6.86

150000

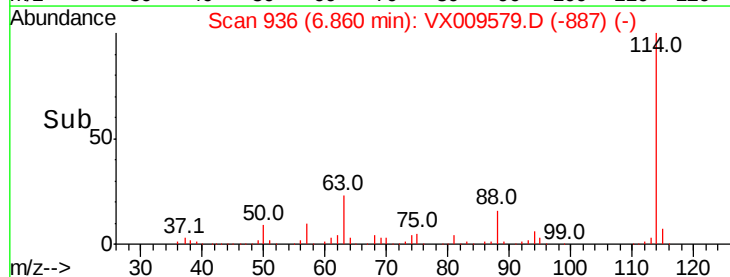
100000

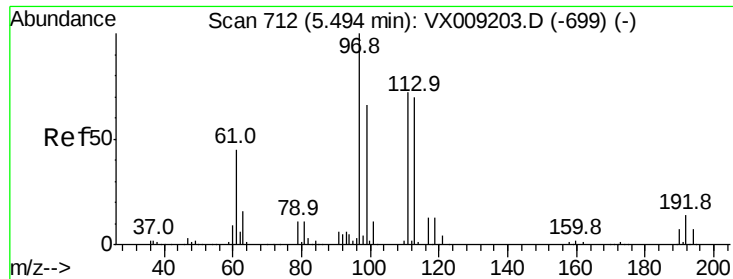
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009579.D

Acq: 15 May 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

FB-190514

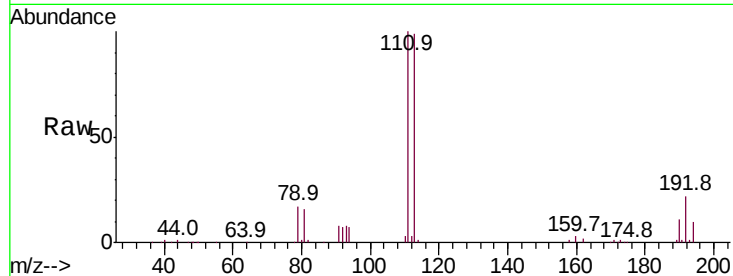
Tot Ion:113 Resp: 88709

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

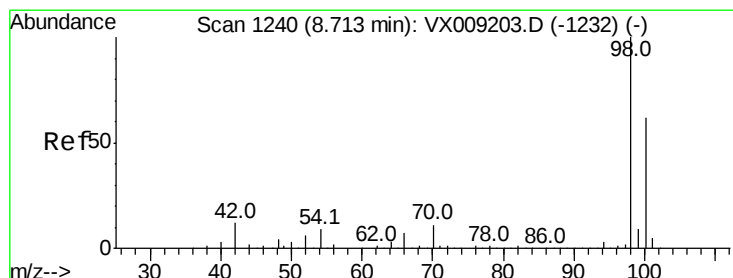
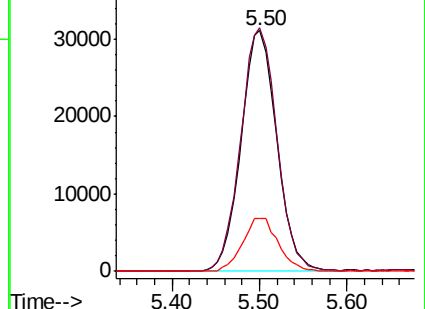
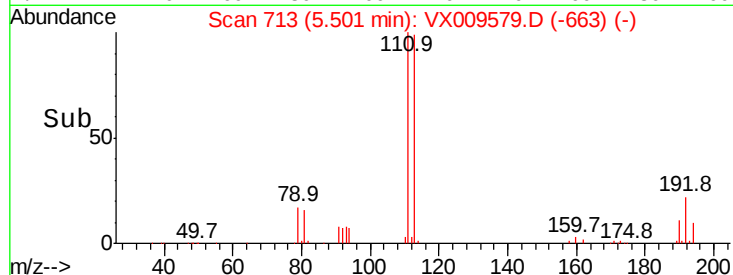
192 21.9 17.0 25.6



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: 49.074 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009579.D

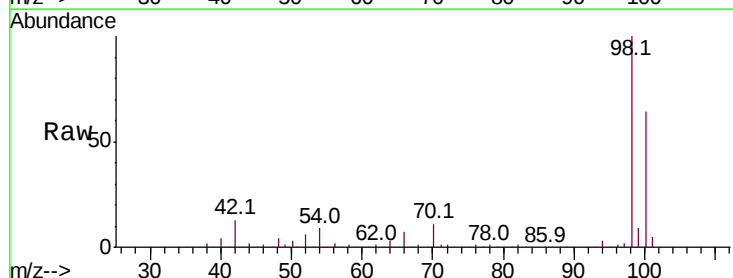
Acq: 15 May 2019 14:50

Tgt Ion: 98 Resp: 362696

Ion Ratio Lower Upper

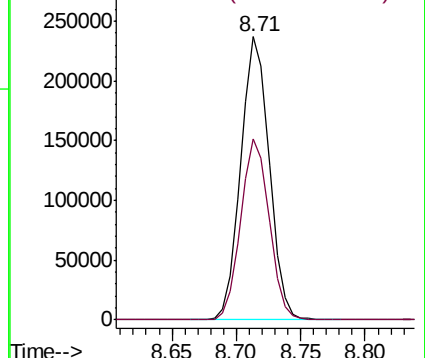
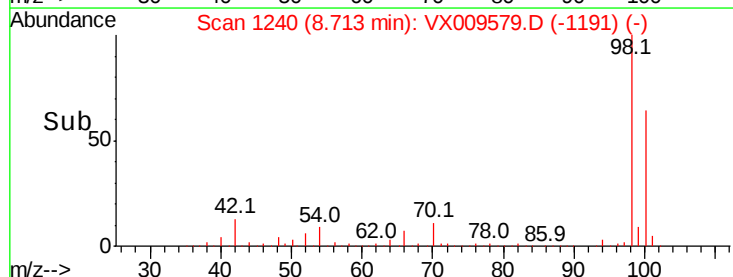
98 100

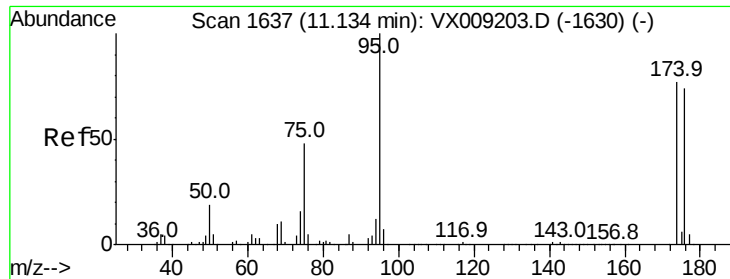
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

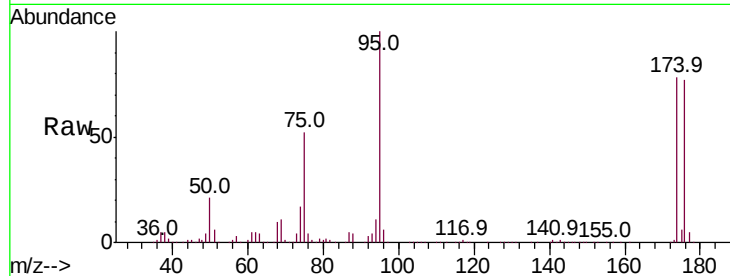




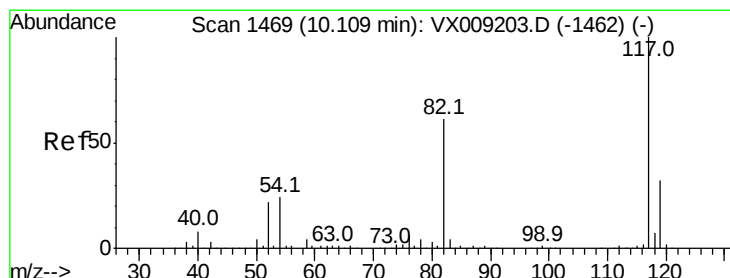
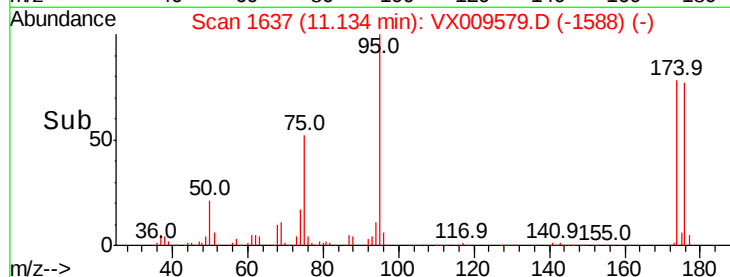
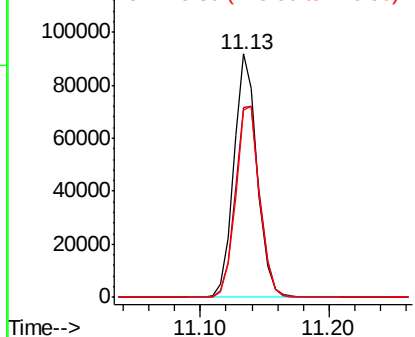
#62
 4-Bromofluorobenzene
 Concen: 42.916 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009579.D
 Acq: 15 May 2019 14:50

Instrument :
 MSVOA_X
 ClientSampled :
 FB-190514

Tot Ion: 95 Resp: 115251
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 161.6
 176 80.4 0.0 159.2

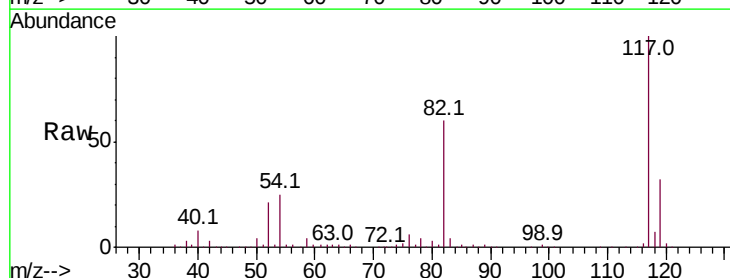


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

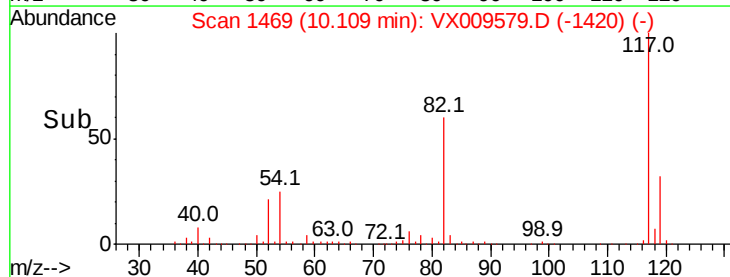
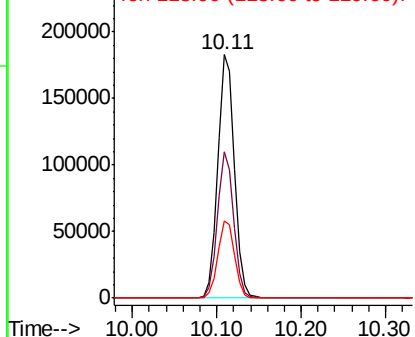


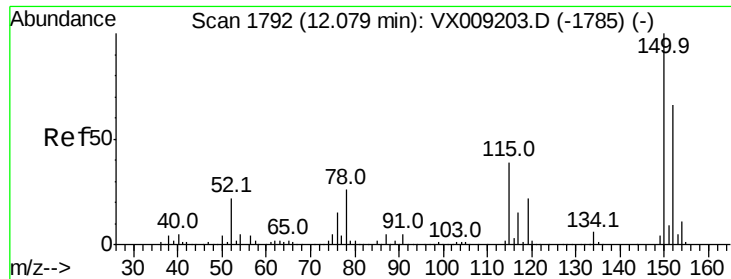
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009579.D
 Acq: 15 May 2019 14:50

Tgt Ion: 117 Resp: 250903
 Ion Ratio Lower Upper
 117 100
 82 59.9 48.8 73.2
 119 31.7 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

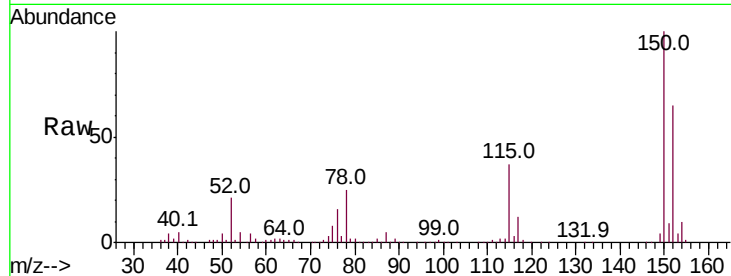




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009579.D
 Acq: 15 May 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-190514

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.2	123.6
150	156.3	0.0	346.4



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

