

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009557.D
 Acq On : 14 May 2019 12:40
 Operator : JC/SP
 Sample : PB119701TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119701TB

Quant Time: May 15 08:24:44 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

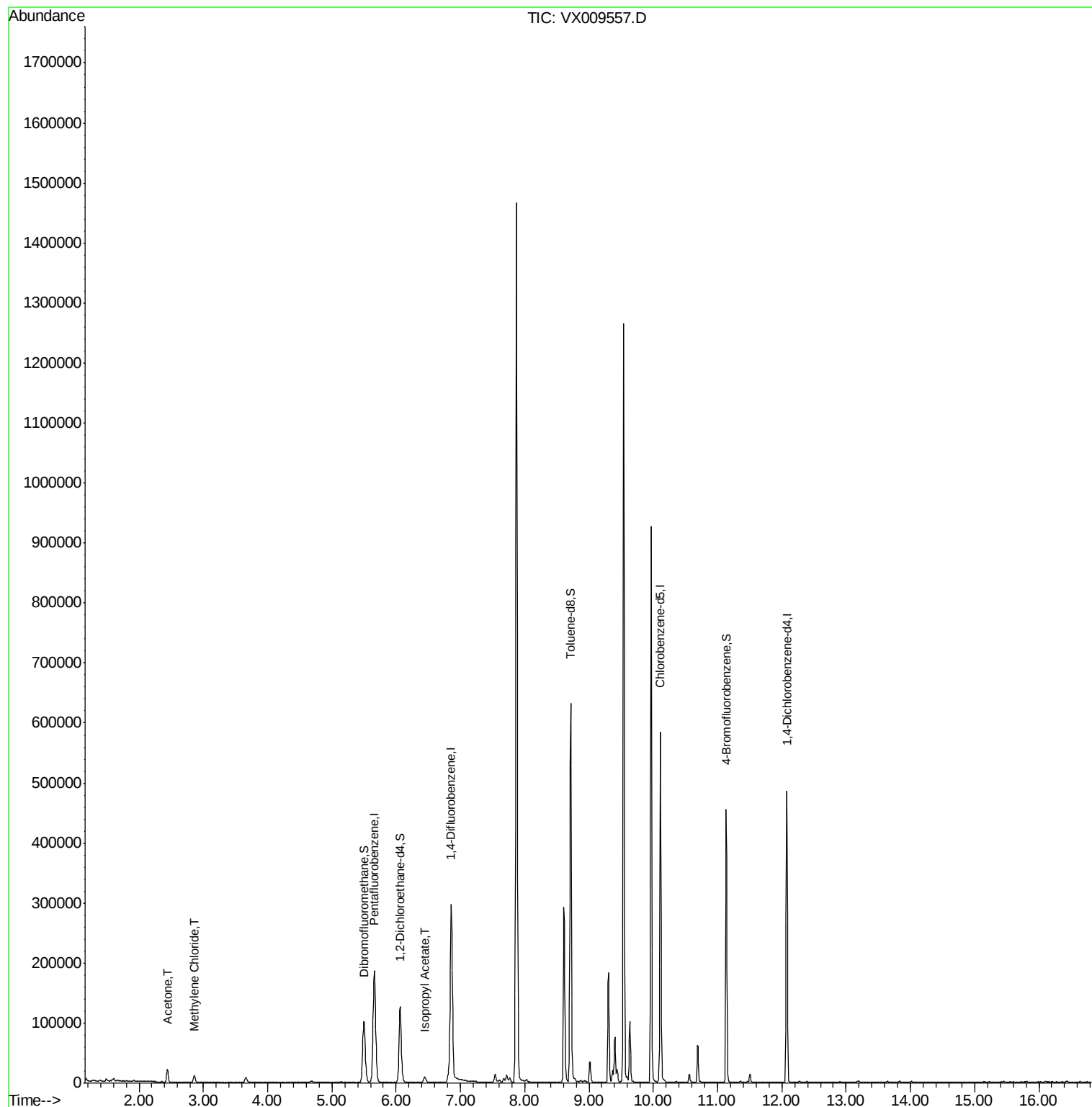
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119494	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	88373	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	364285	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	116504	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	2.44	43	24342	18.204	ug/l	97
20) Methylene Chloride	2.85	84	5609	2.591	ug/l	94
43) Isopropyl Acetate	6.45	43	14005	2.332	ug/l	99

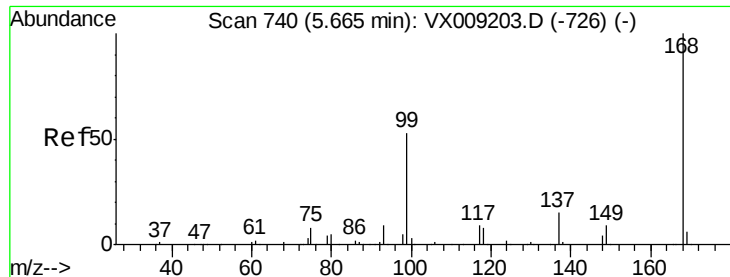
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

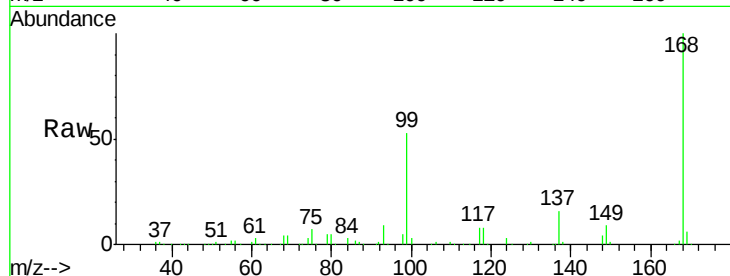
PB119701TB

Tot Ion:168 Resp: 182420

Ion Ratio Lower Upper

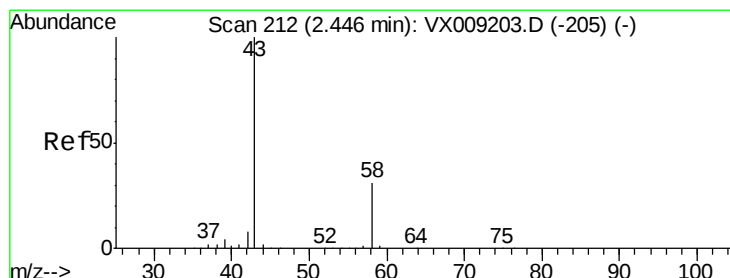
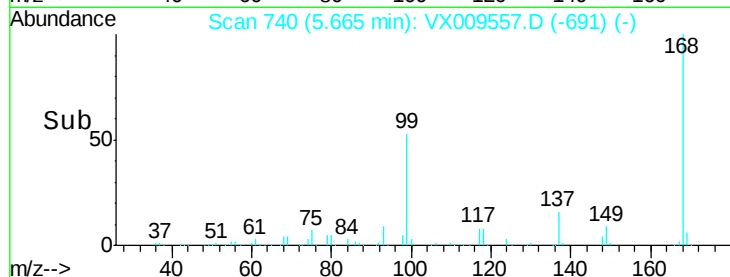
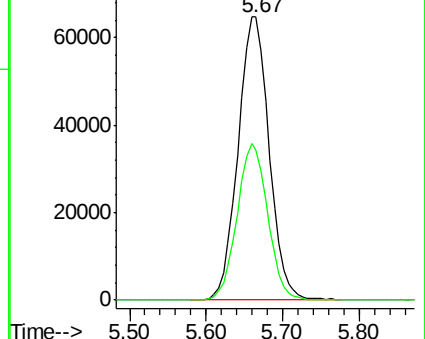
168 100

99 53.2 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: 18.204 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009557.D

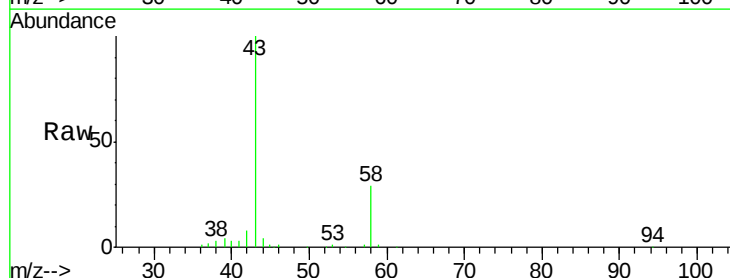
Acq: 14 May 2019 12:40

Tgt Ion: 43 Resp: 24342

Ion Ratio Lower Upper

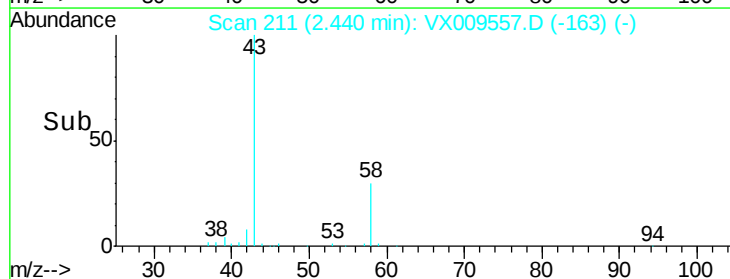
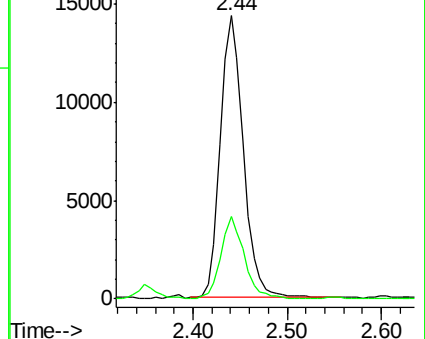
43 100

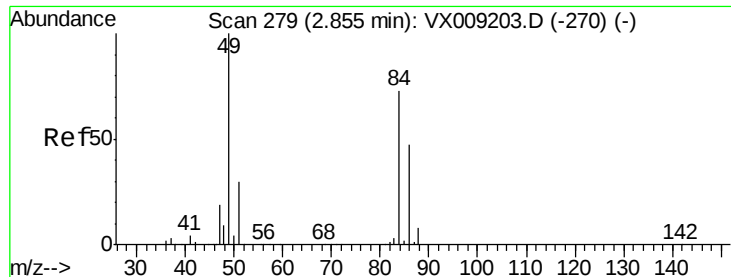
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

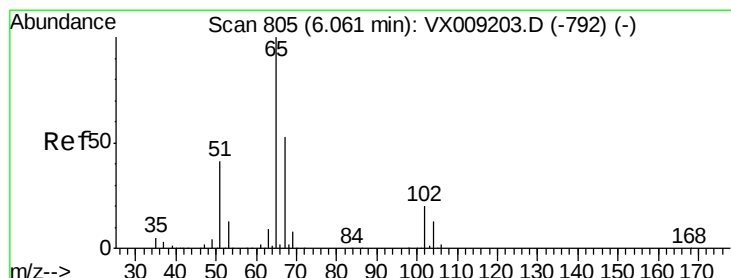
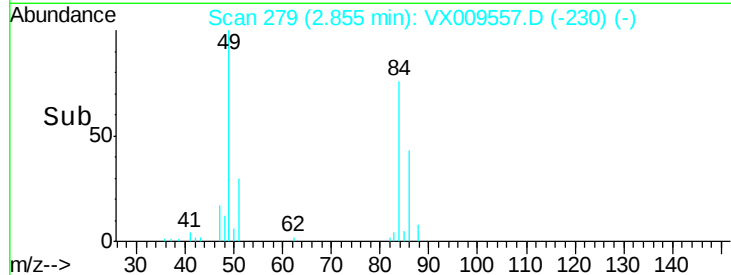
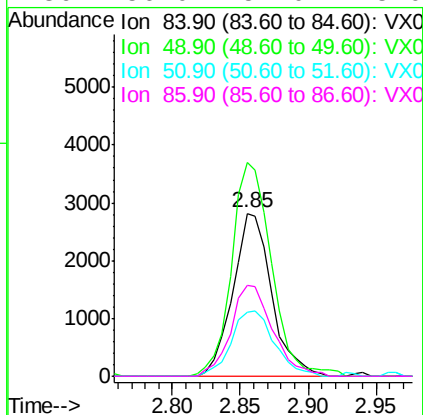
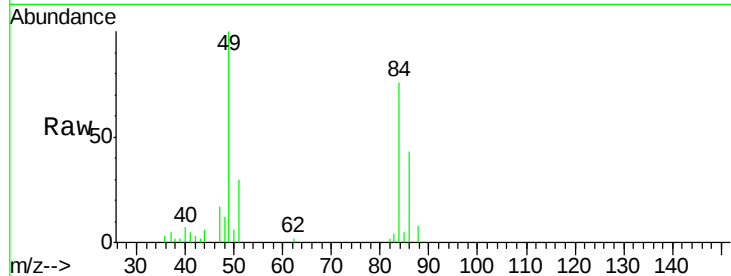




#20
Methvlene Chloride
Concen: 2.591 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

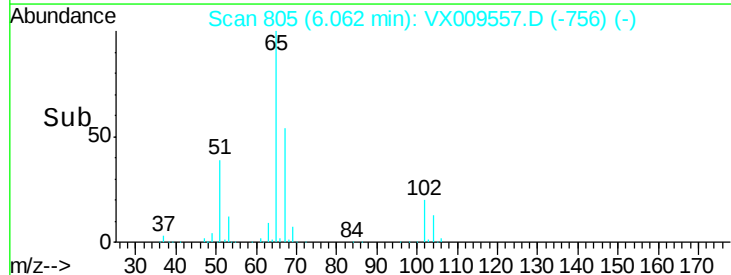
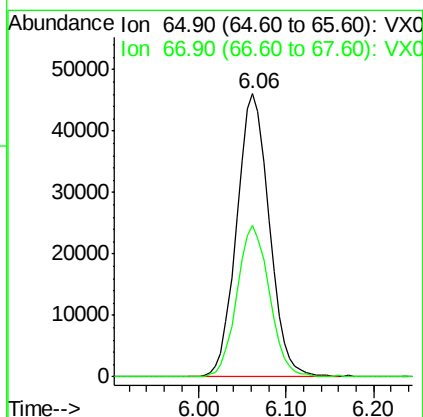
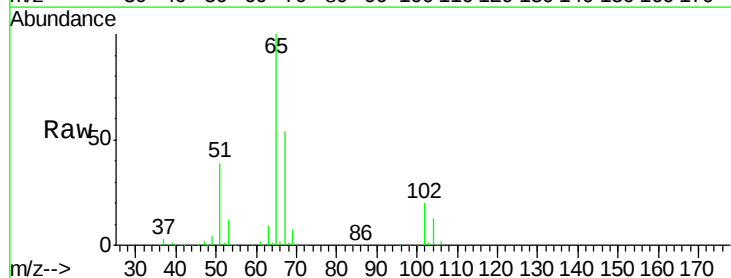
Instrument :
MSVOA_X
ClientSampled :
PB119701TB

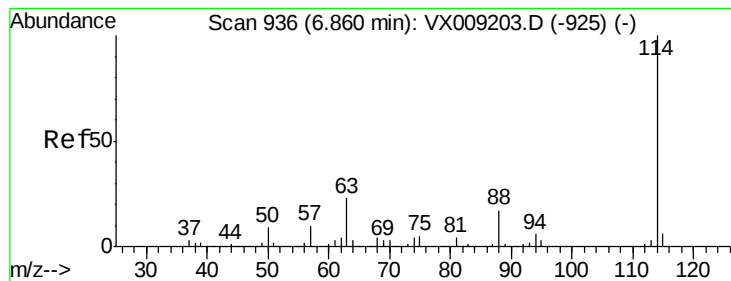
Tot Ion: 84 Resp: 5609
Ion Ratio Lower Upper
84 100
49 131.2 109.9 164.9
51 39.7 32.7 49.1
86 56.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.985 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

Tgt Ion: 65 Resp: 119494
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

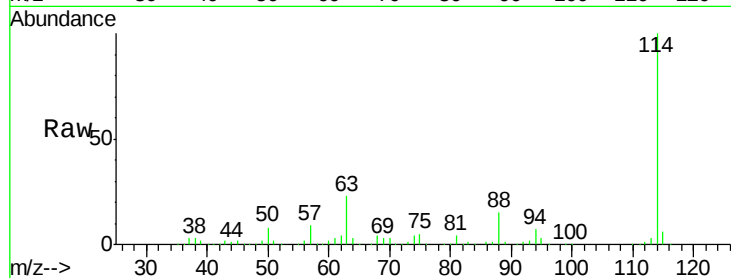
Tot Ion:114 Resp: 289956

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

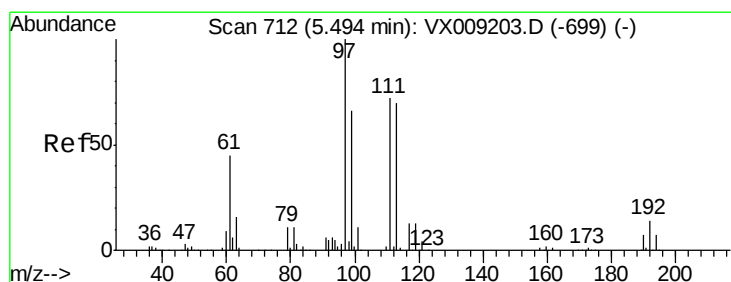
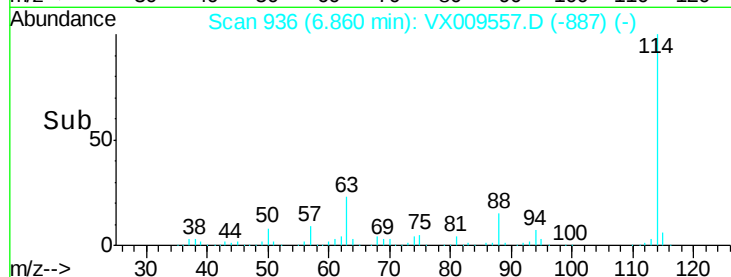
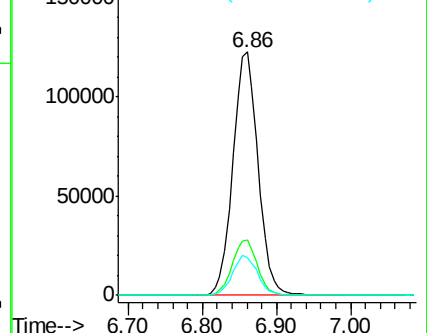
88 15.3 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 48.483 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

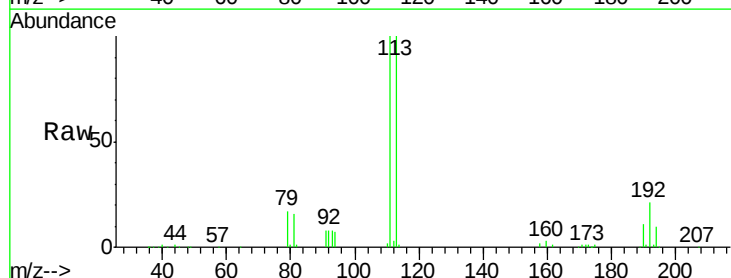
Tgt Ion:113 Resp: 88373

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

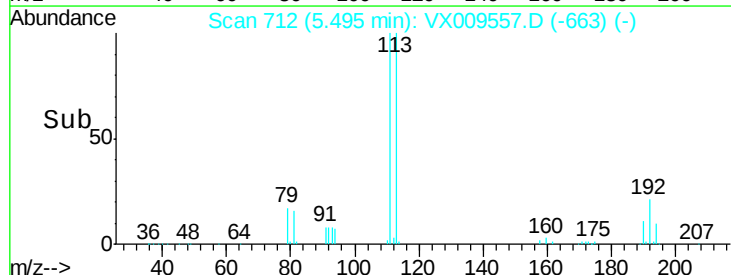
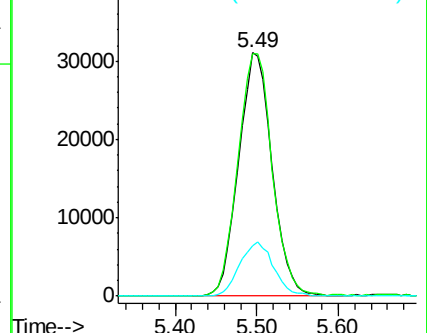
192 22.5 17.0 25.6

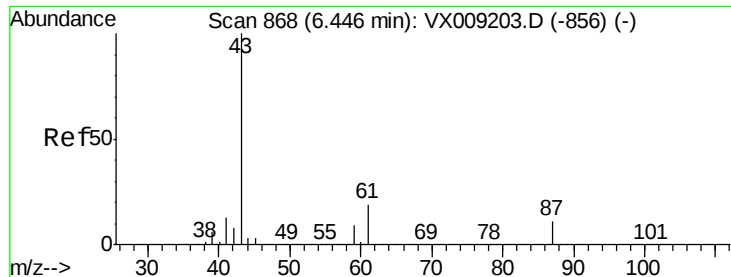


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.332 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009557.D

Acq: 14 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

PB119701TB

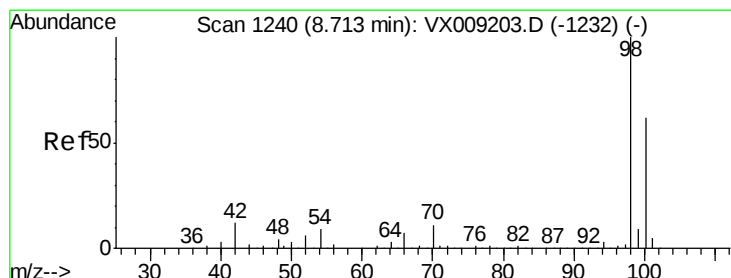
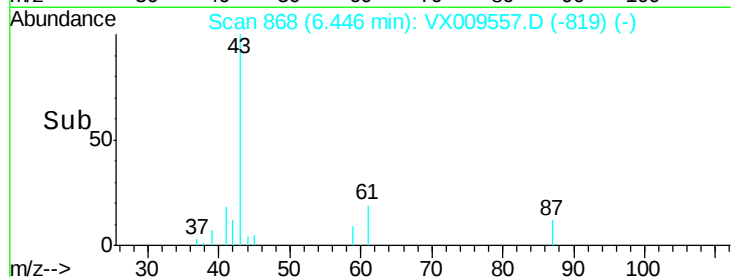
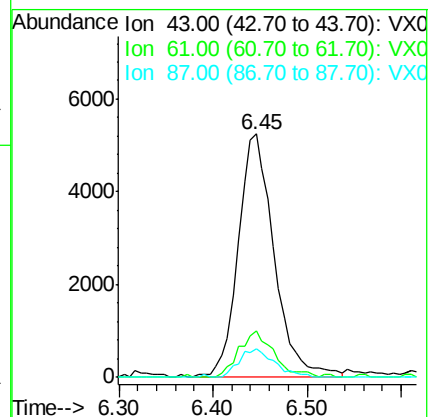
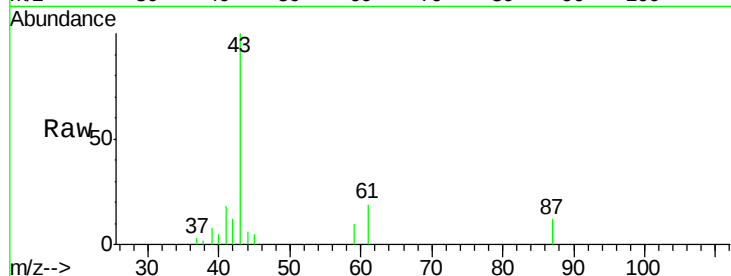
Tot Ion: 43 Resp: 14005

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

87 11.5 9.0 13.6



#50

Toluene-d8

Concen: 49.502 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009557.D

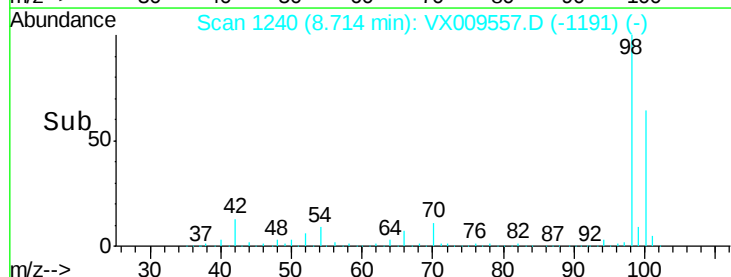
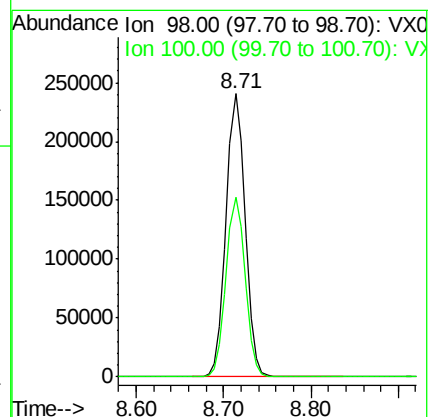
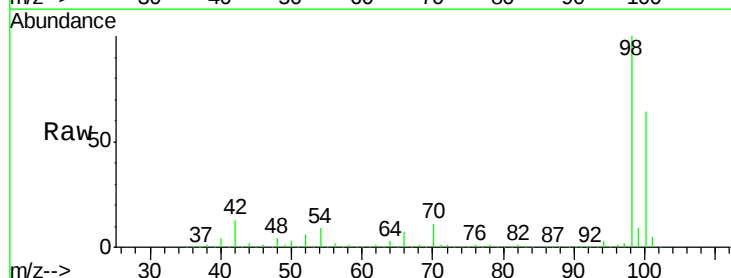
Acq: 14 May 2019 12:40

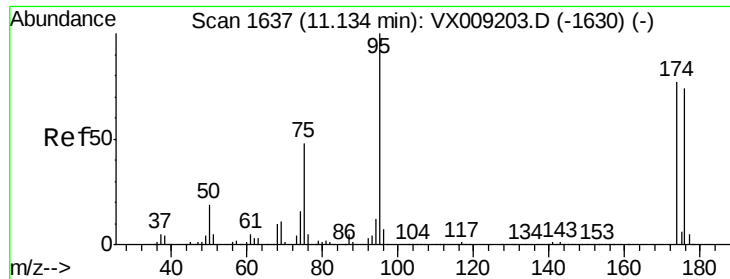
Tgt Ion: 98 Resp: 364285

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8

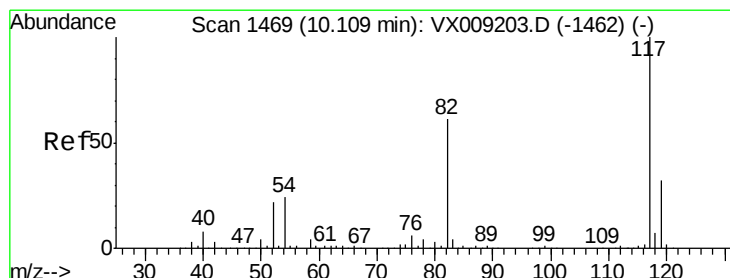
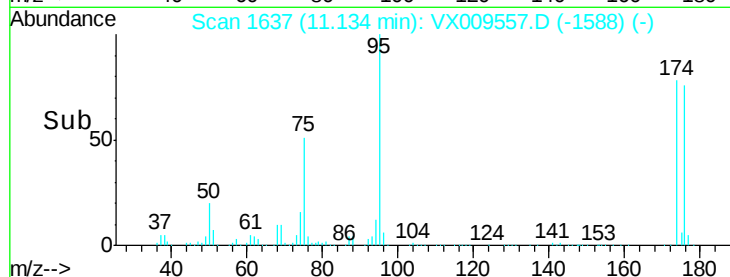
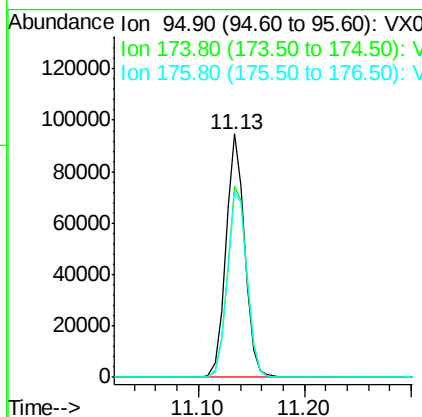
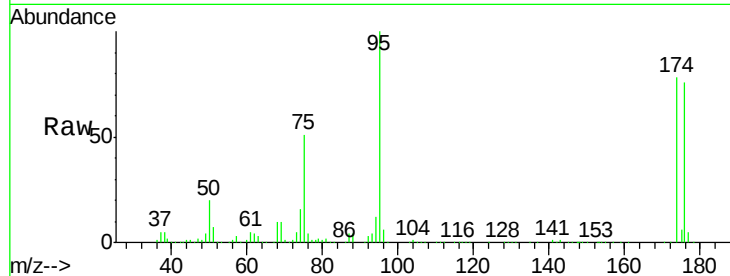




#62
4-Bromofluorobenzene
Concen: 43.569 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

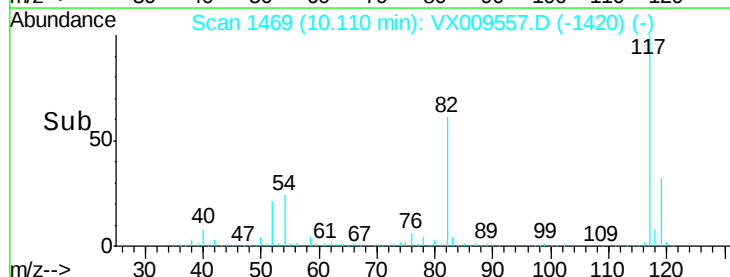
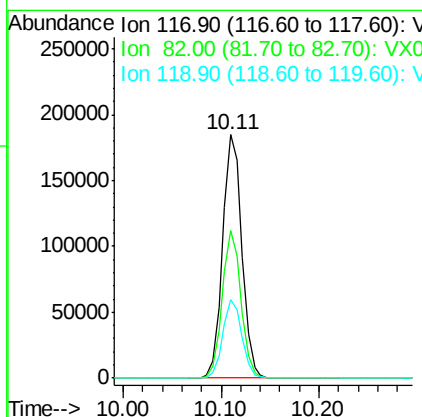
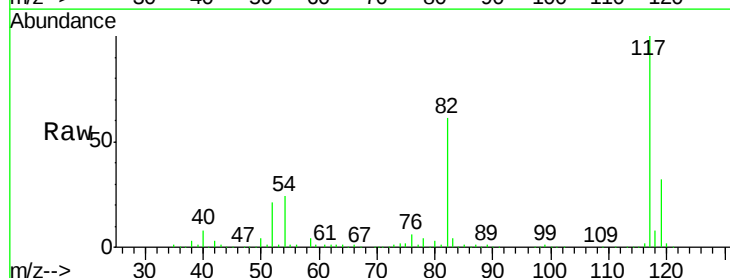
Instrument :
MSVOA_X
ClientSampleId :
PB119701TB

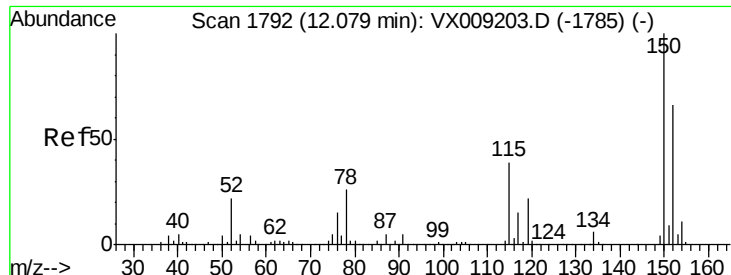
Tot Ion: 95 Resp: 116504
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.6
176 80.2 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009557.D
Acq: 14 May 2019 12:40

Tgt Ion: 117 Resp: 250683
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.1 25.8 38.6

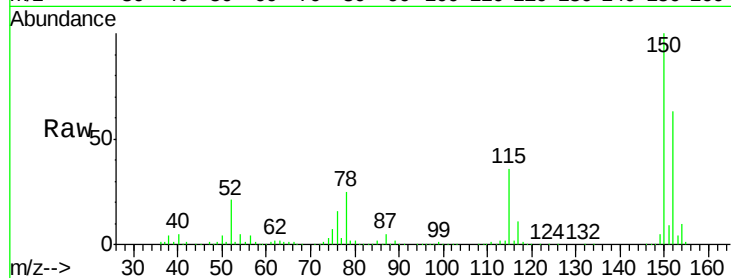




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009557.D
 Acq: 14 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119701TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	158.1	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

