

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009399.D
 Acq On : 08 May 2019 15:33
 Operator : JC/SP
 Sample : PB119521TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119521TB

Quant Time: May 09 06:56:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

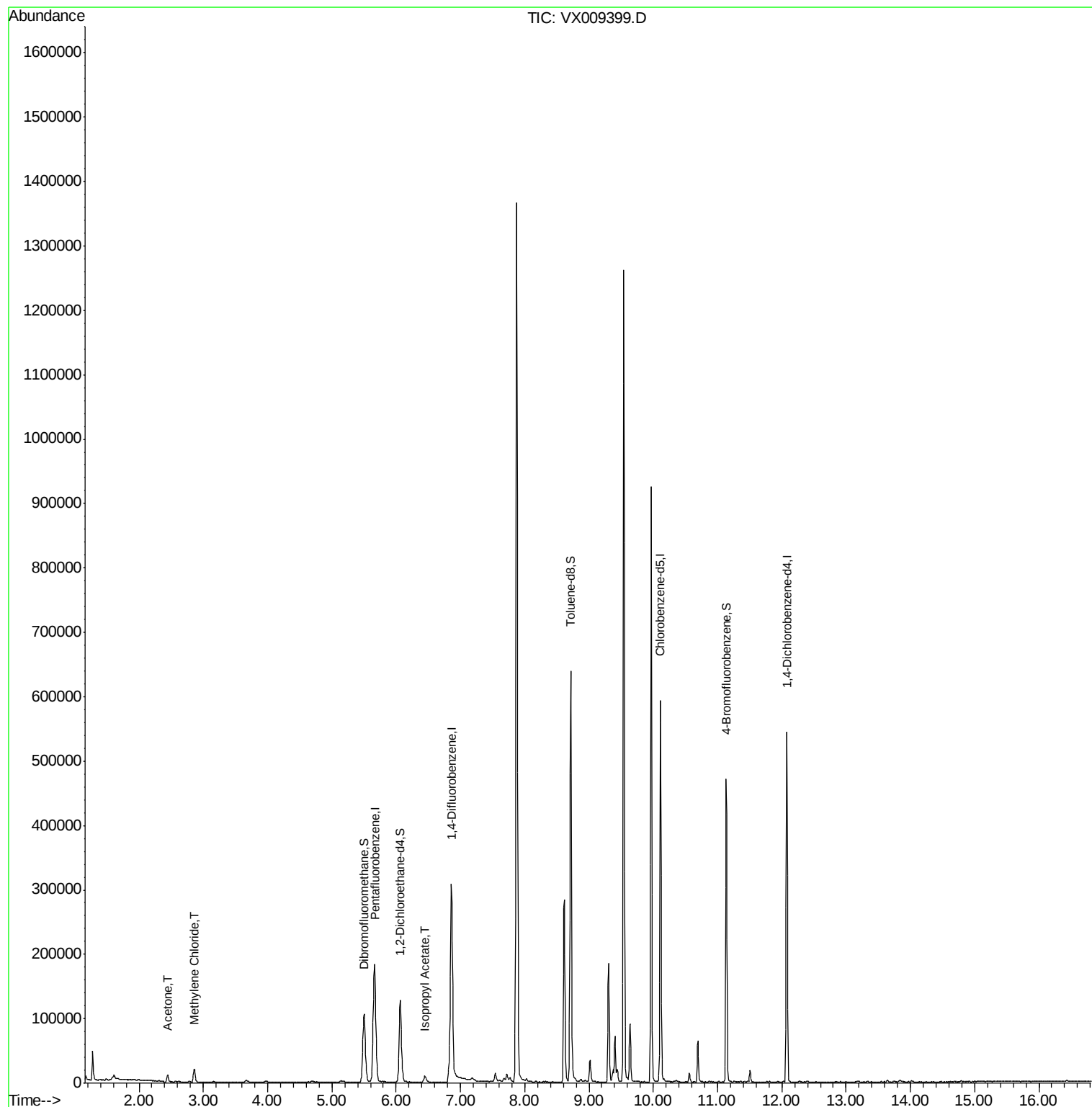
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120377	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	89391	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	372682	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	122526	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
Target Compounds						
16) Acetone	2.45	43	12279	9.219	ug/l	99
20) Methylene Chloride	2.86	84	9647	4.473	ug/l	93
43) Isopropyl Acetate	6.45	43	14059	2.313	ug/l	99

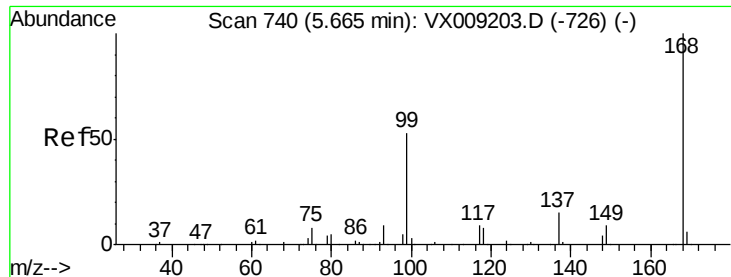
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 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: VX009399.D

Acq: 08 May 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

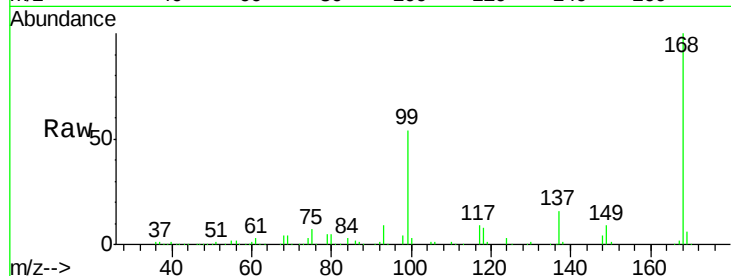
PB119521TB

Tot Ion:168 Resp: 181705

Ion Ratio Lower Upper

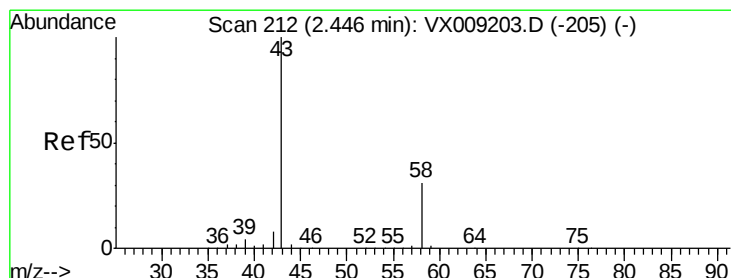
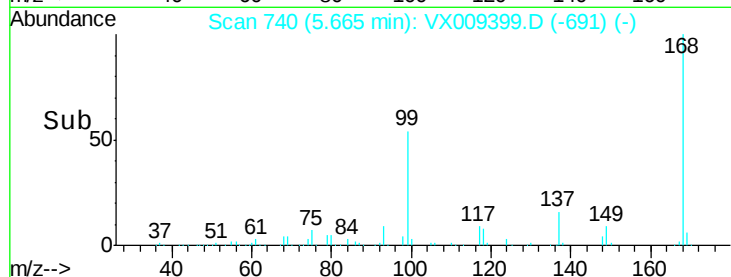
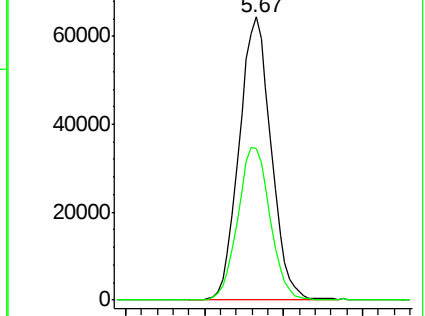
168 100

99 53.6 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: 9.219 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009399.D

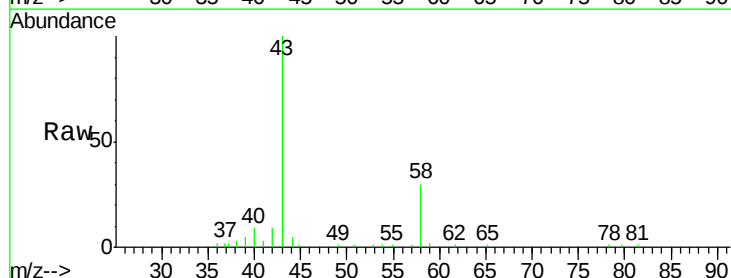
Acq: 08 May 2019 15:33

Tgt Ion: 43 Resp: 12279

Ion Ratio Lower Upper

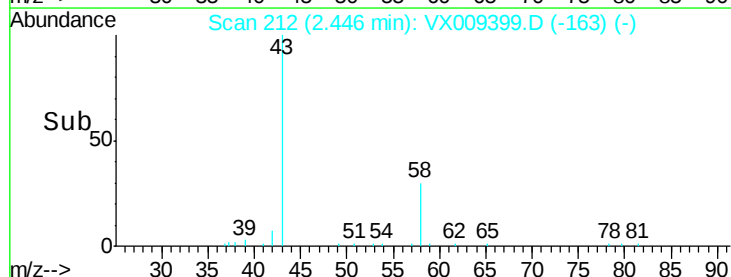
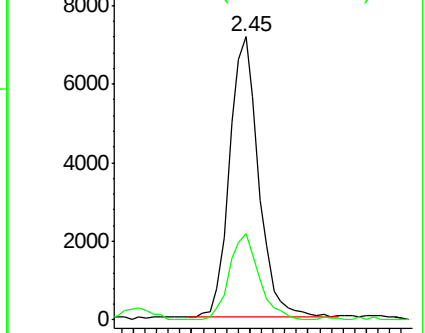
43 100

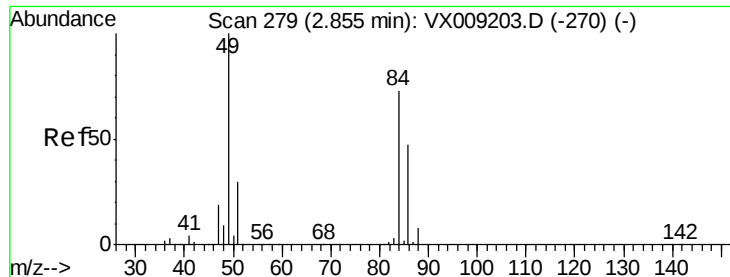
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

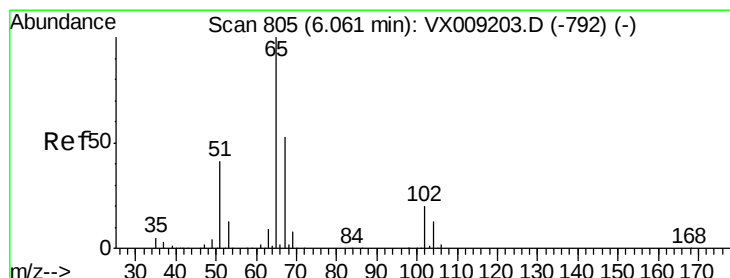
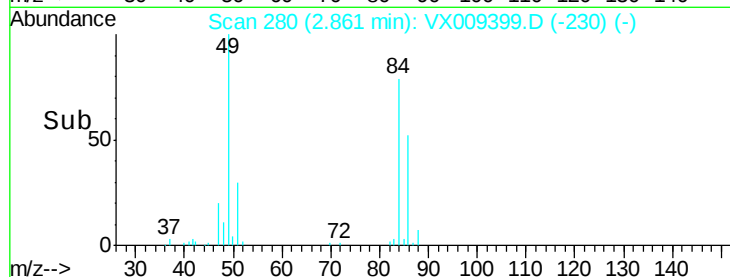
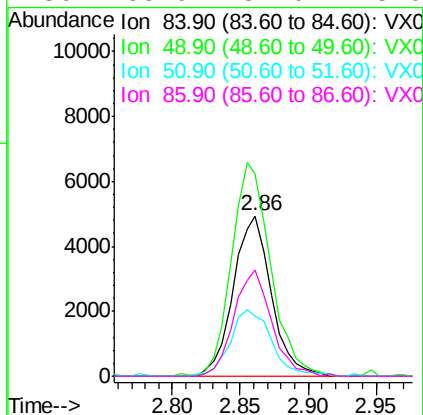
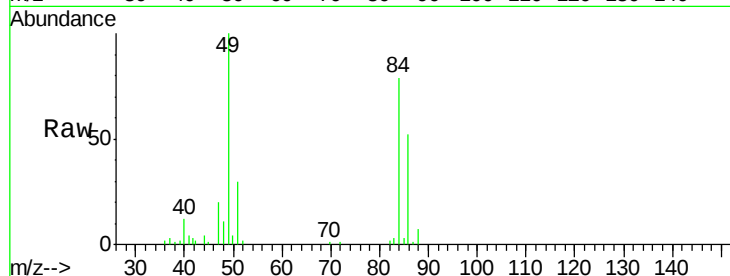




#20
Methylene Chloride
Concen: 4.473 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

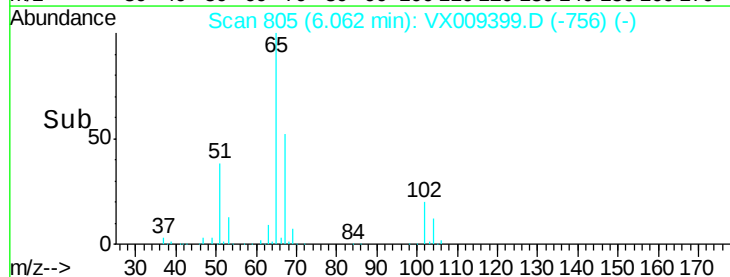
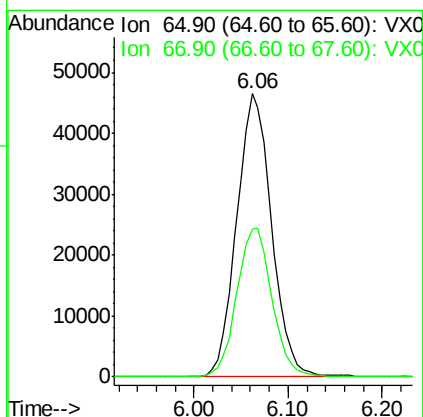
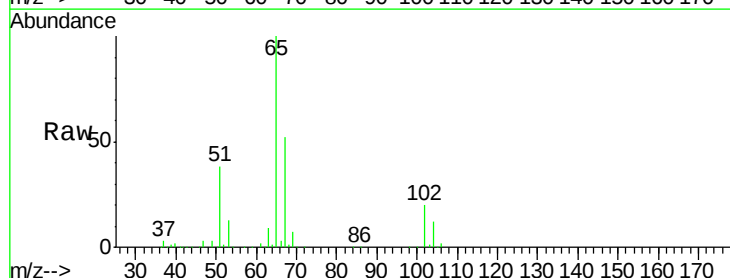
Instrument :
MSVOA_X
ClientSampleId :
PB119521TB

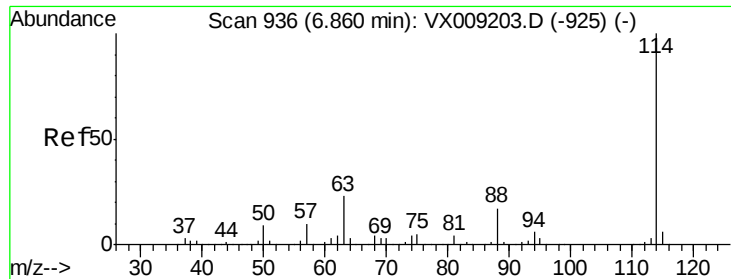
Tot Ion: 84 Resp: 9647
Ion Ratio Lower Upper
84 100
49 125.9 109.9 164.9
51 37.8 32.7 49.1
86 65.9 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.530 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009399.D
Acq: 08 May 2019 15:33

Tgt Ion: 65 Resp: 120377
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

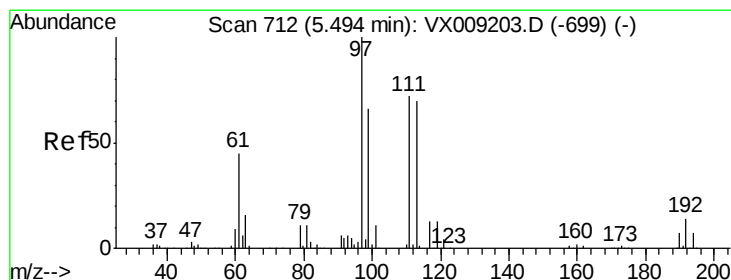
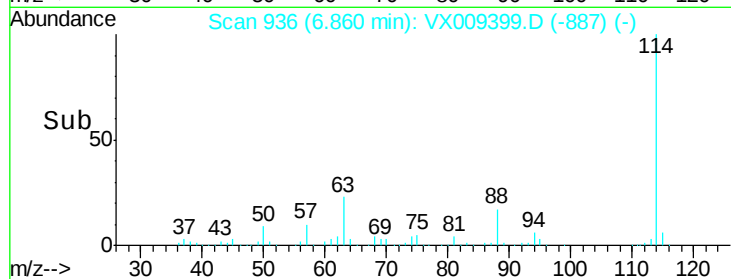
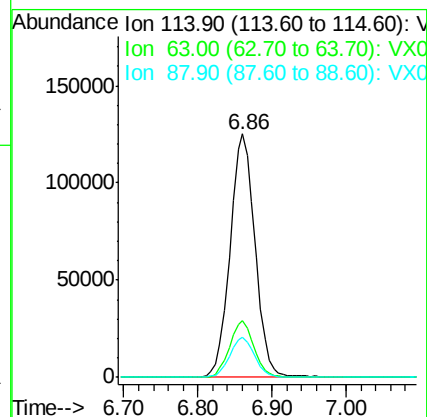
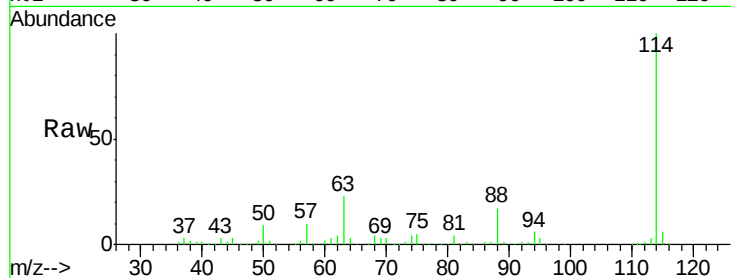




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009399.D
 Acq: 08 May 2019 15:33

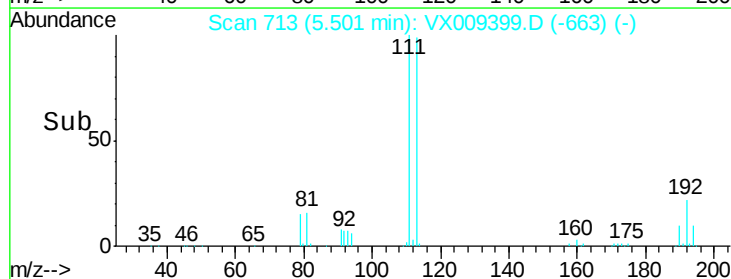
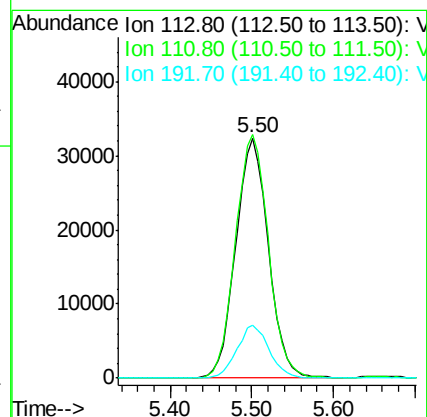
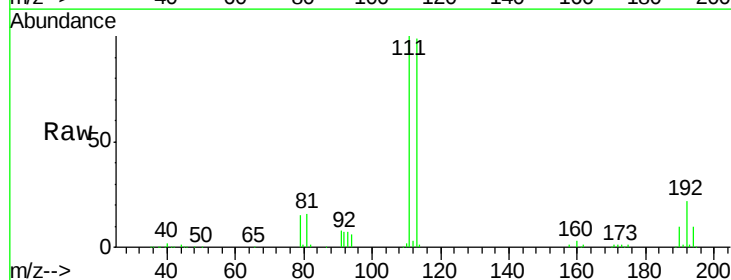
Instrument :
 MSVOA_X
 ClientSampleId :
 PB119521TB

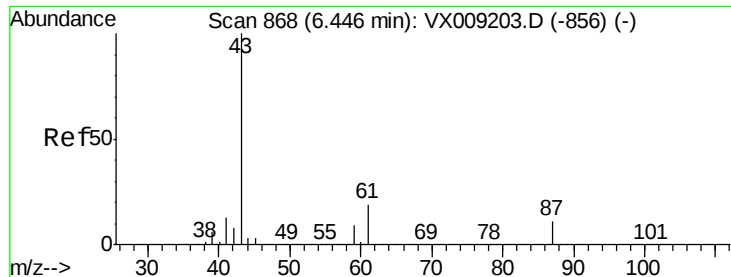
Tot Ion:114 Resp: 293473
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.453 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009399.D
 Acq: 08 May 2019 15:33

Tgt Ion:113 Resp: 89391
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.8 17.0 25.6





#43

Isopropyl Acetate

Concen: 2.313 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009399.D

Acq: 08 May 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

PB119521TB

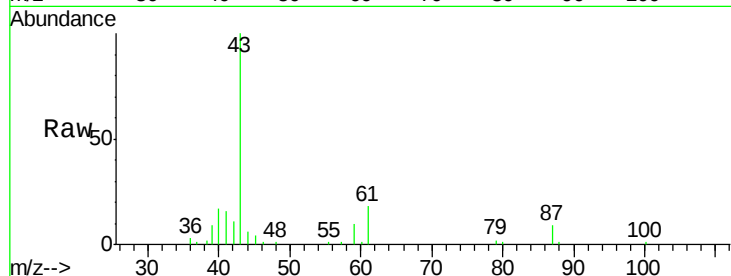
Tot Ion: 43 Resp: 14059

Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

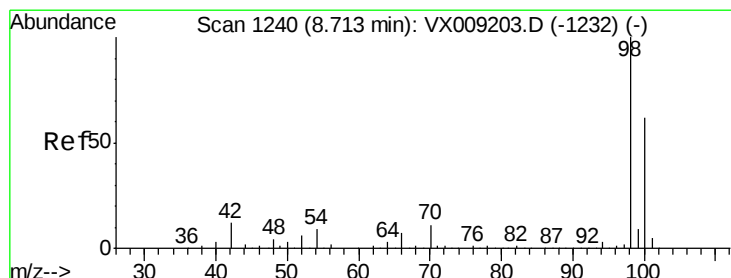
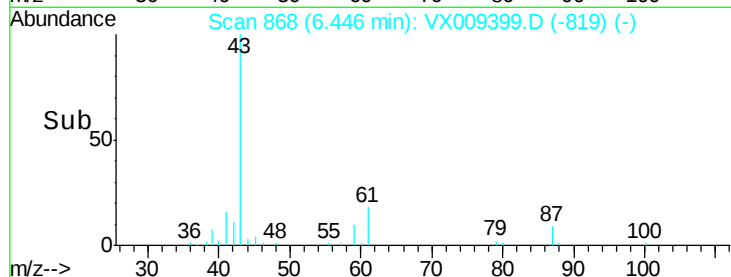
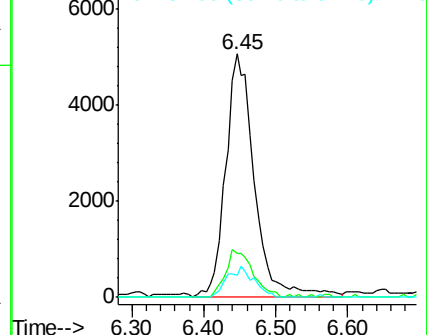
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.036 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009399.D

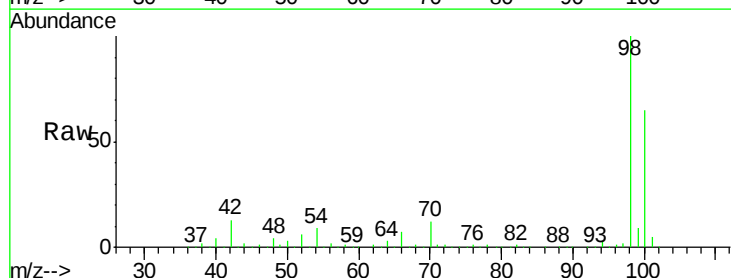
Acq: 08 May 2019 15:33

Tgt Ion: 98 Resp: 372682

Ion Ratio Lower Upper

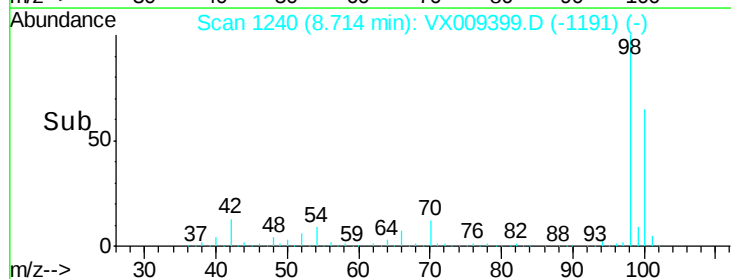
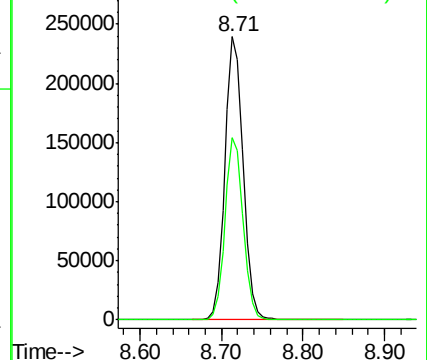
98 100

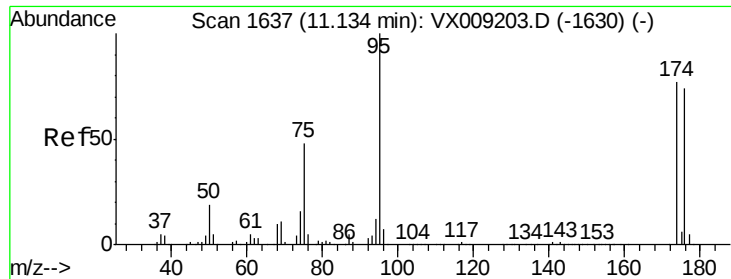
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009399.D

Acq: 08 May 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

PB119521TB

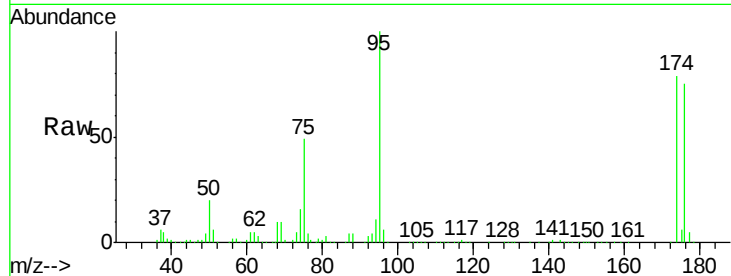
Tot Ion: 95 Resp: 122526

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

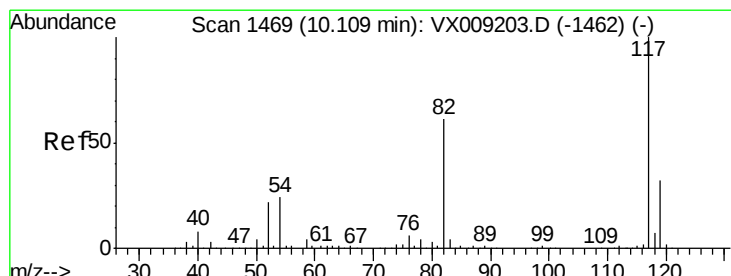
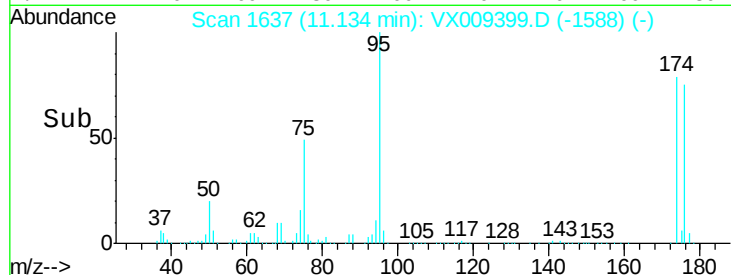
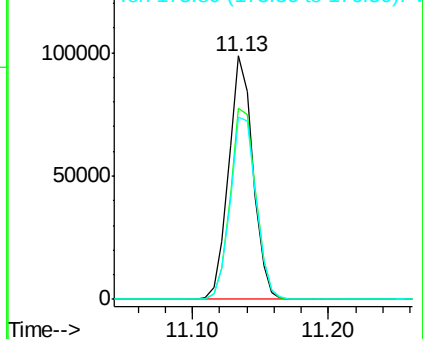
176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009399.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009399.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009399.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009399.D

Acq: 08 May 2019 15:33

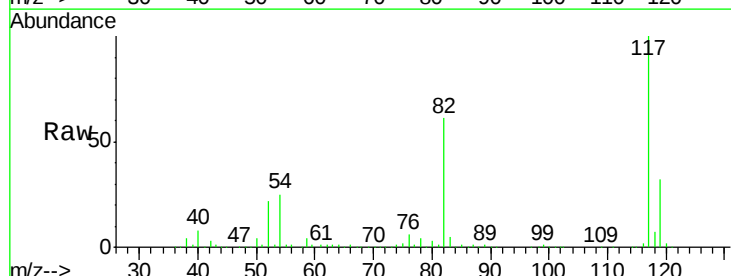
Tgt Ion: 117 Resp: 259476

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

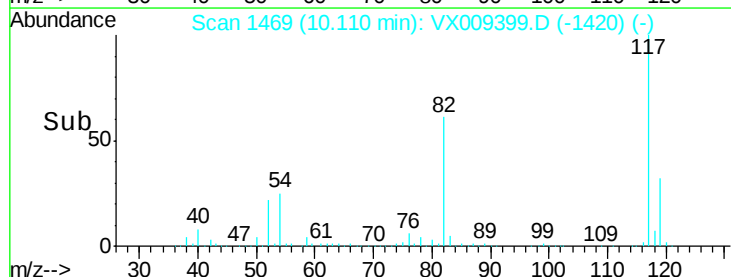
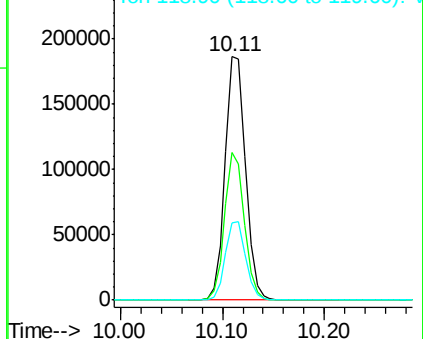
119 31.8 25.8 38.6

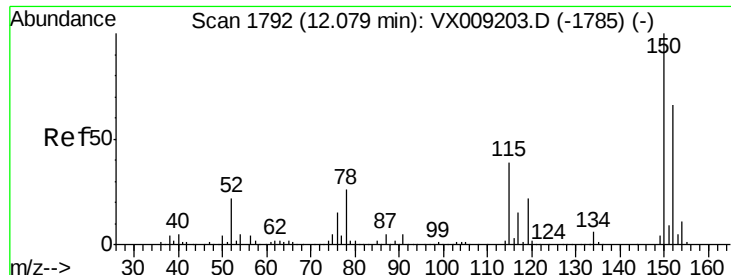


Abundance Ion 116.90 (116.60 to 117.60): VX009399.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009399.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009399.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009399.D

Acq: 08 May 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

PB119521TB

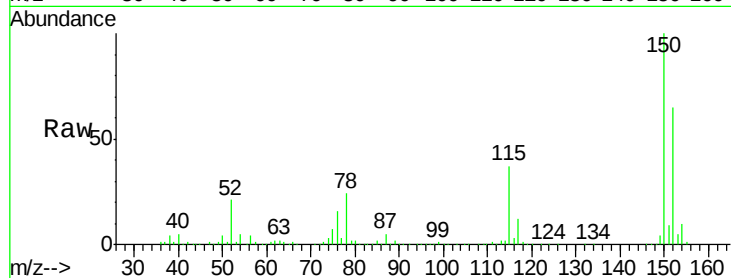
Tot Ion:152 Resp: 112945

Ion Ratio Lower Upper

152 100

115 58.5 41.2 123.6

150 155.6 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

