

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007239.D
 Acq On : 25 Jan 2019 19:48
 Operator : JC/SP
 Sample : PB116609ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#05

Quant Time: Jan 28 01:06:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

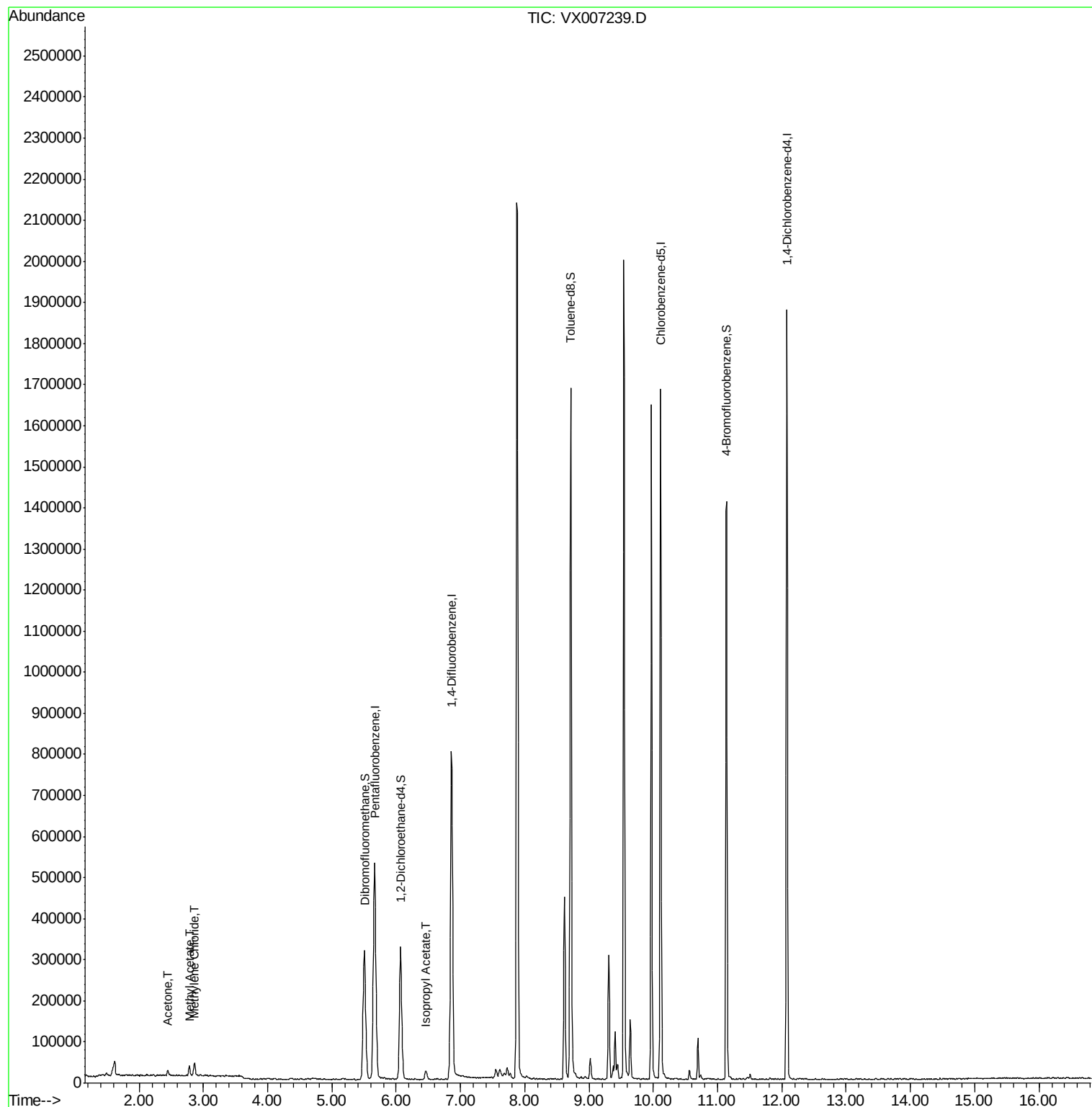
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	543633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	847008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	821754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	294754	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	5.51	113	263916	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1041565	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.13	95	367640	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
Target Compounds						
16) Acetone	2.45	43	14537	5.176	ug/l	93
18) Methyl Acetate	2.78	43	31654	3.892	ug/l	97
20) Methylene Chloride	2.86	84	14716	2.214	ug/l	93
43) Isopropyl Acetate	6.46	43	28241	2.268	ug/l	98

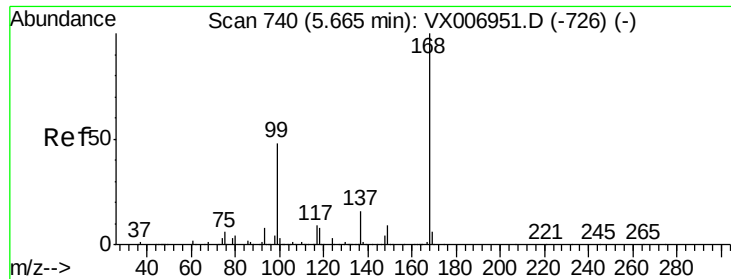
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

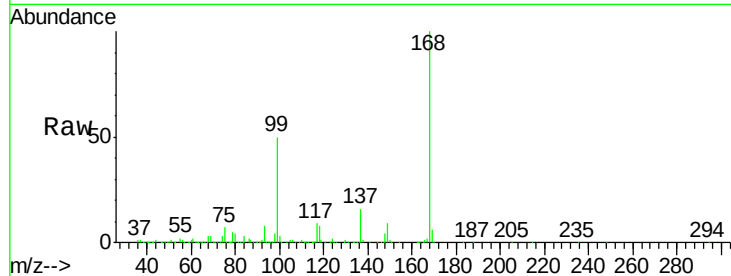
PB116609ZHE#05

Tot Ion:168 Resp: 543633

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

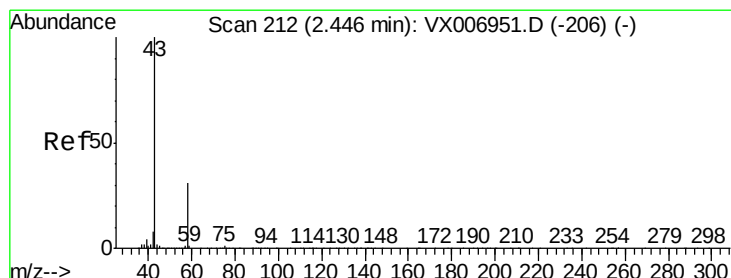
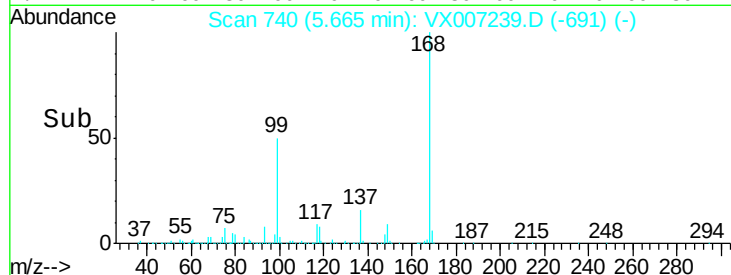
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.176 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007239.D

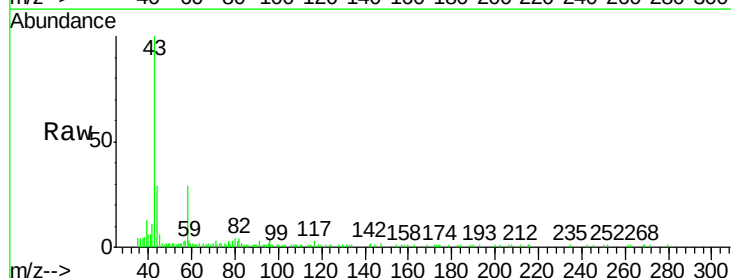
Acq: 25 Jan 2019 19:48

Tgt Ion: 43 Resp: 14537

Ion Ratio Lower Upper

43 100

58 27.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

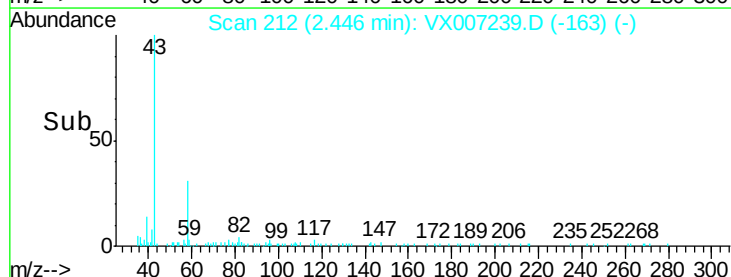
6000

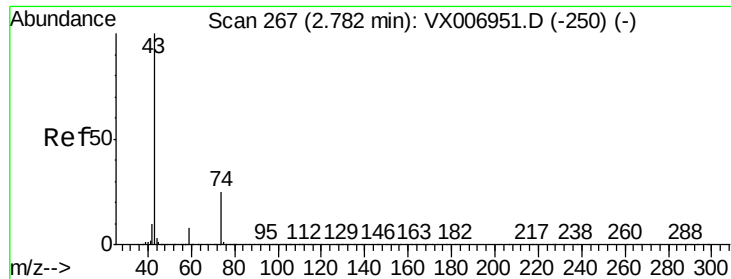
4000

2000

0

Time-->

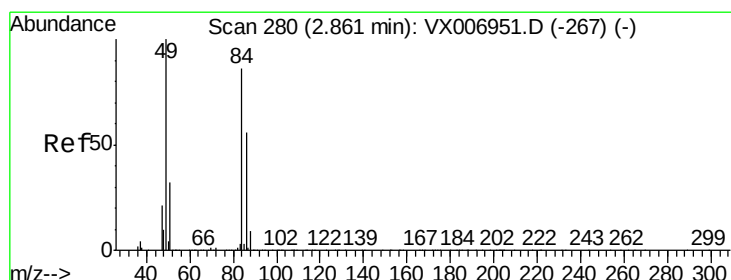
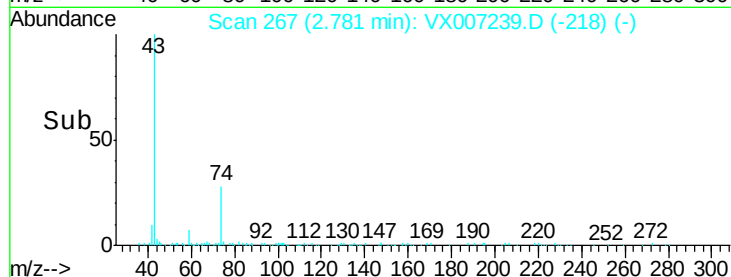
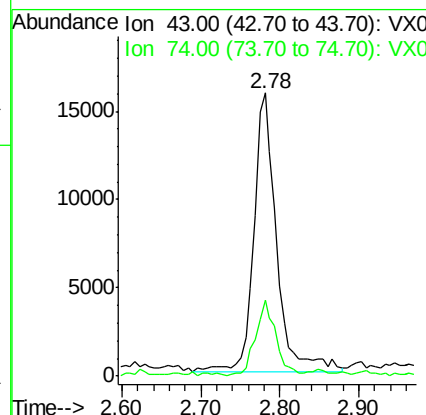
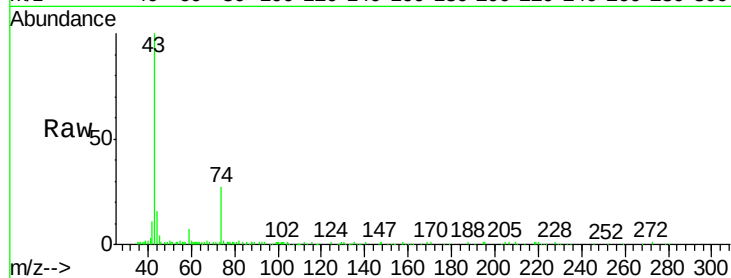




#18
Methyl Acetate
Concen: 3.892 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007239.D
Acq: 25 Jan 2019 19:48

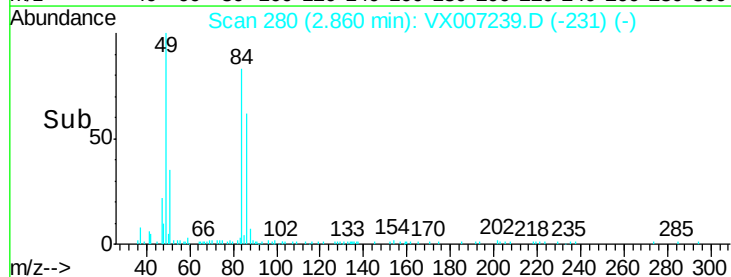
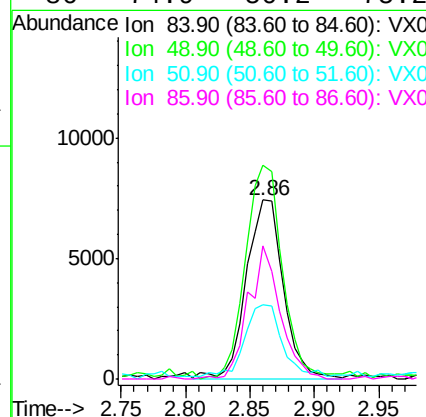
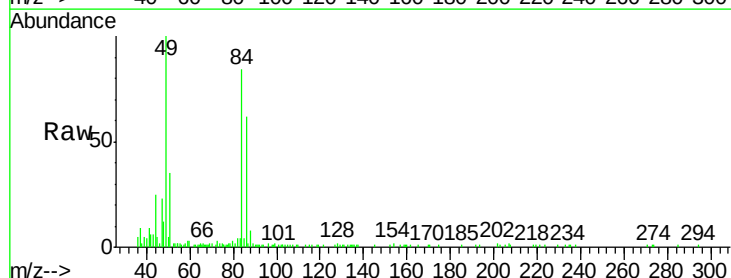
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#05

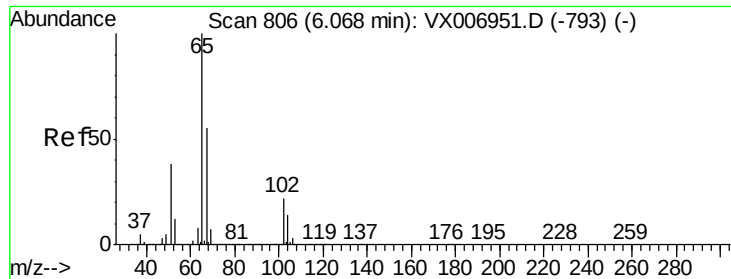
Tot Ion: 43 Resp: 31654
Ion Ratio Lower Upper
43 100
74 24.8 18.6 28.0



#20
Methylene Chloride
Concen: 2.214 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007239.D
Acq: 25 Jan 2019 19:48

Tgt Ion: 84 Resp: 14716
Ion Ratio Lower Upper
84 100
49 117.3 91.8 137.6
51 40.9 28.5 42.7
86 74.9 50.2 75.2

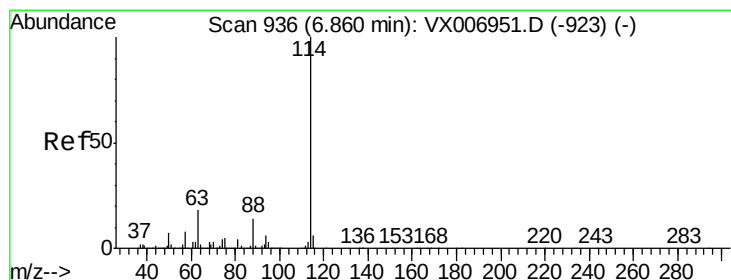
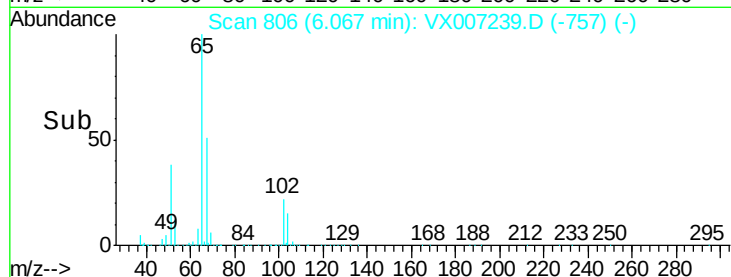
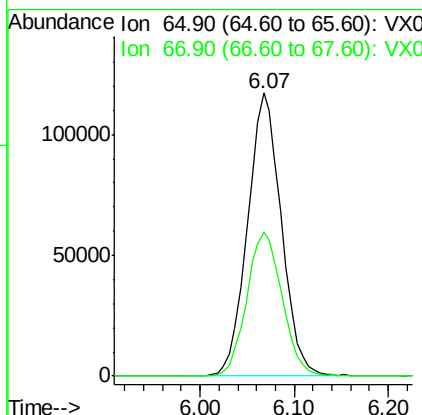
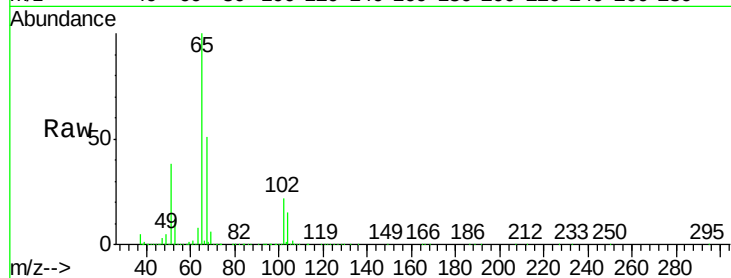




#33
 1,2-Dichloroethane-d4
 Concen: 51.880 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007239.D
 Acq: 25 Jan 2019 19:48

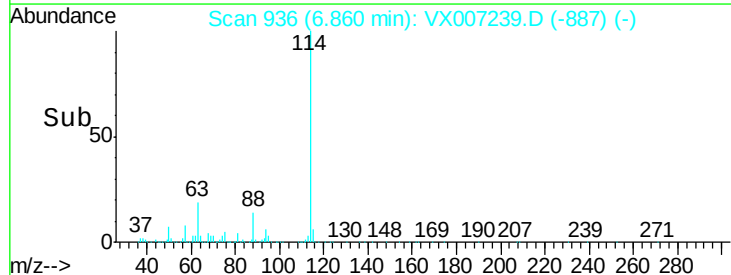
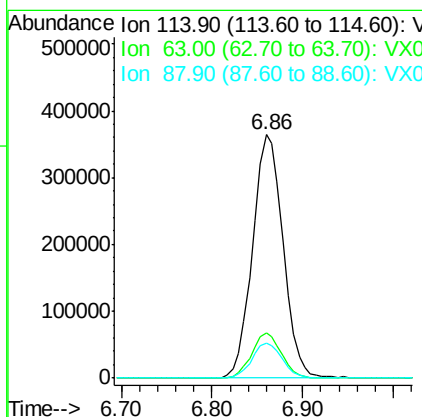
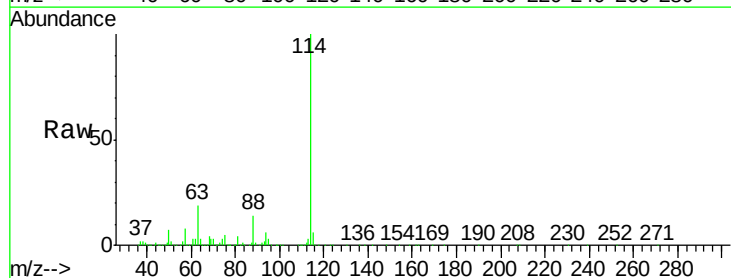
Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#05

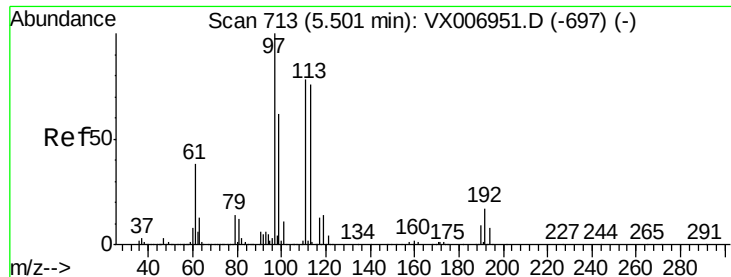
Tot Ion: 65 Resp: 294754
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007239.D
 Acq: 25 Jan 2019 19:48

Tgt Ion: 114 Resp: 847008
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.8
 88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.655 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#05

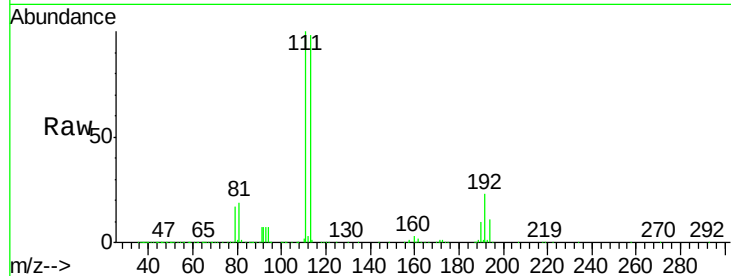
Tot Ion:113 Resp: 263916

Ion Ratio Lower Upper

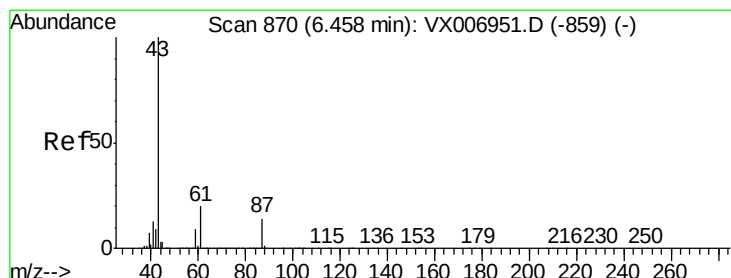
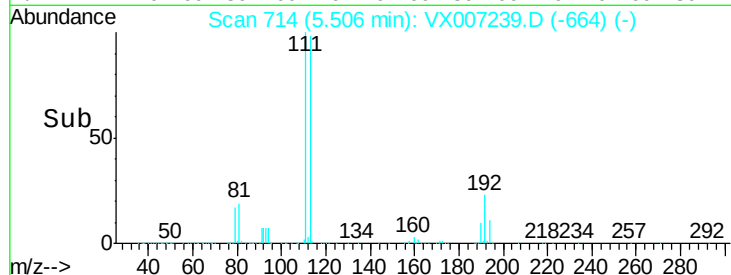
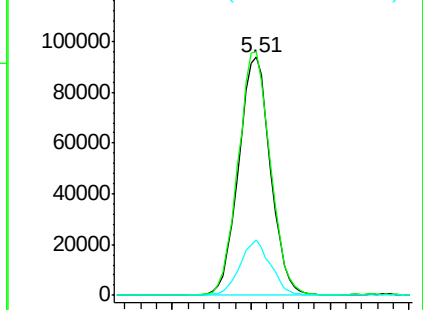
113 100

111 103.4 81.6 122.4

192 22.3 16.7 25.1



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: 2.268 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

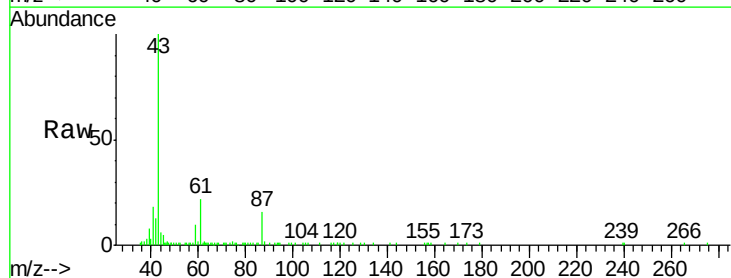
Tgt Ion: 43 Resp: 28241

Ion Ratio Lower Upper

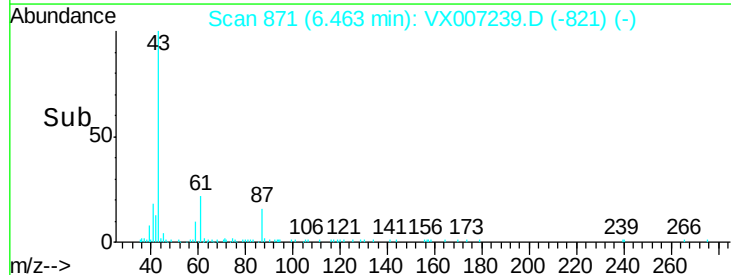
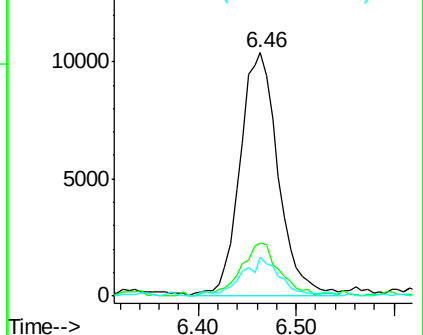
43 100

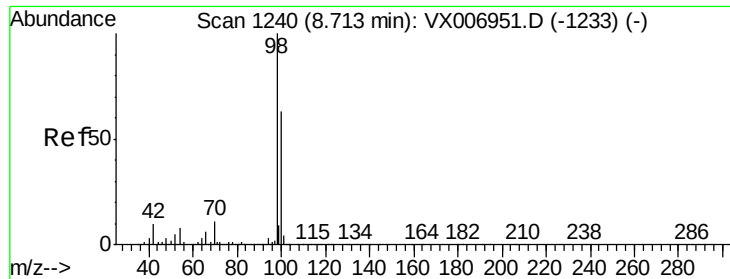
61 22.3 16.8 25.2

87 16.0 12.4 18.6



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: 52.461 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

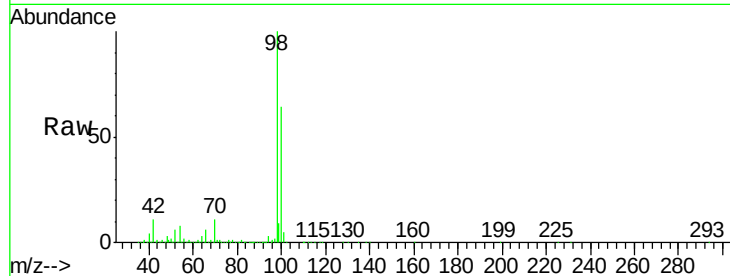
PB116609ZHE#05

Tot Ion: 98 Resp: 1041565

Ion Ratio Lower Upper

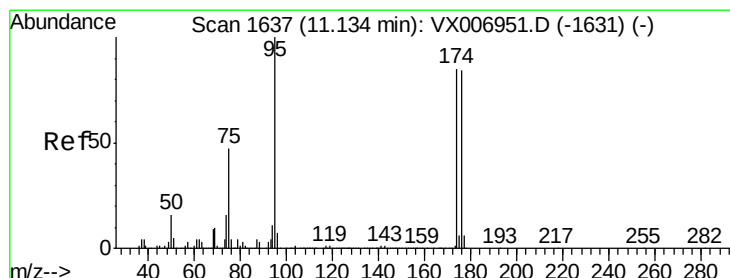
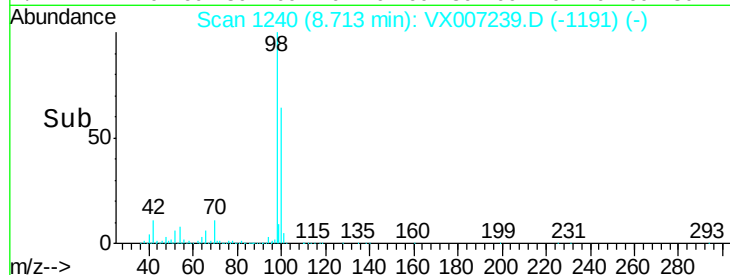
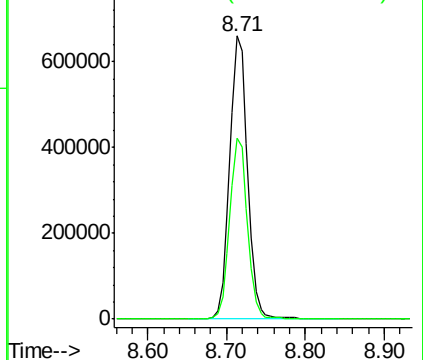
98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.114 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

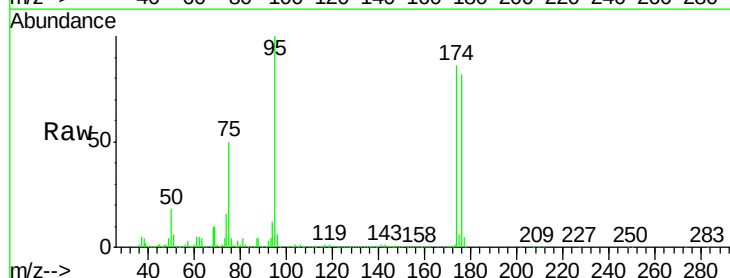
Tgt Ion: 95 Resp: 367640

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

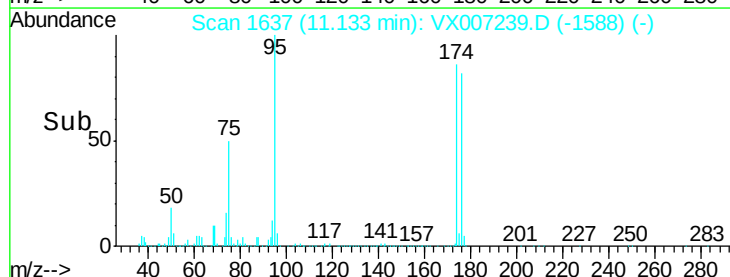
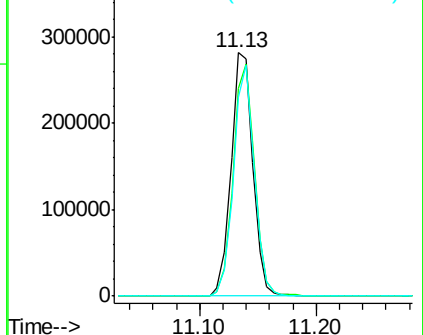
176 90.6 0.0 178.8

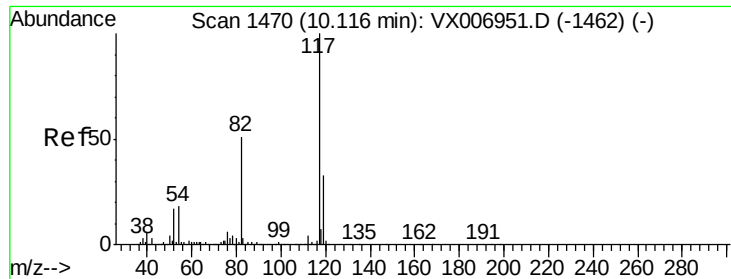


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#05

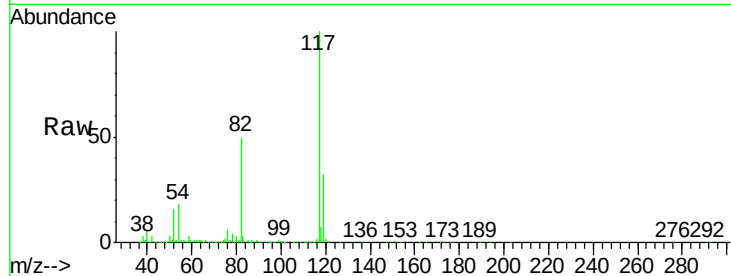
Tot Ion:117 Resp: 821754

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.6

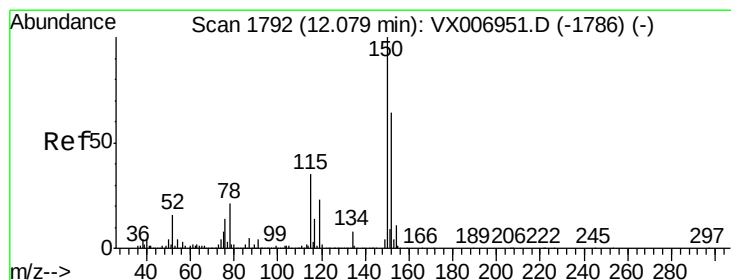
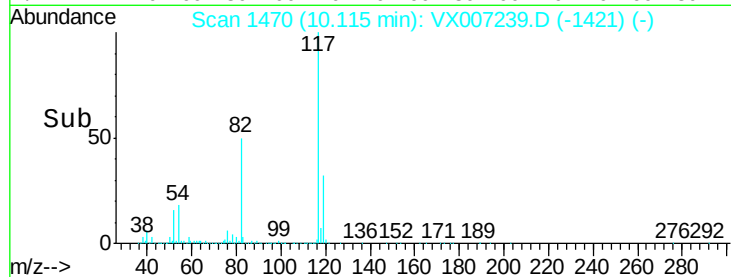
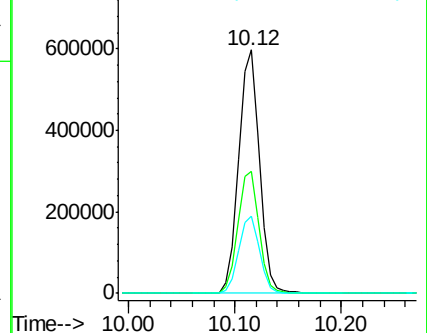
119 31.6 25.4 38.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007239.D

Acq: 25 Jan 2019 19:48

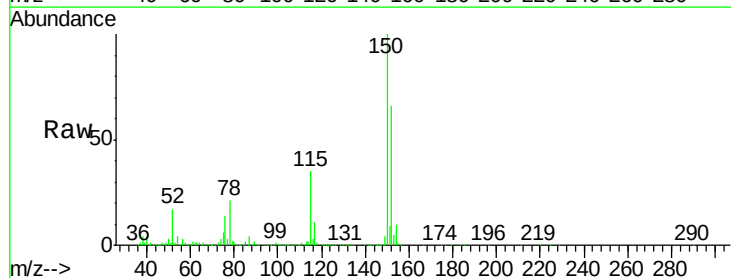
Tgt Ion:152 Resp: 400025

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 154.4 0.0 344.8



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

