

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001869.D
 Acq On : 19 May 2018 11:20
 Operator : JC/MD
 Sample : PB109413ZHE#20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#20

Quant Time: May 21 04:35:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155710	42.13	ug/l	0.00
Spiked Amount			Recovery	=	84.26%	
35) Dibromofluoromethane	5.51	113	138437	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
50) Toluene-d8	8.72	98	505283	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	11.14	95	119855	30.47	ug/l	0.00
Spiked Amount			Recovery	=	60.94%	

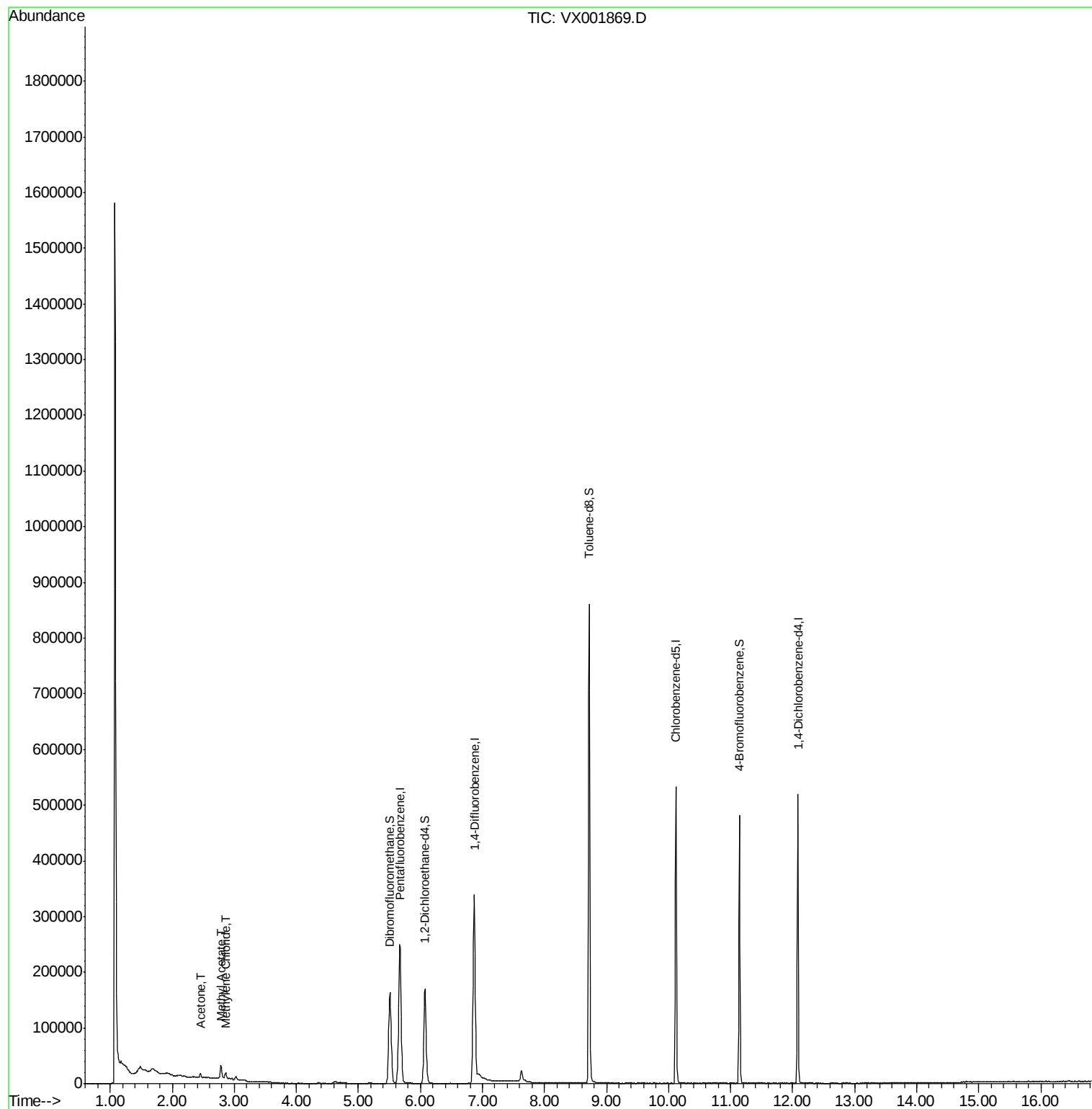
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8333	5.74	ug/l	91
18) Methyl Acetate	2.78	43	28026	6.60	ug/l	98
20) Methylene Chloride	2.86	84	4789	1.54	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

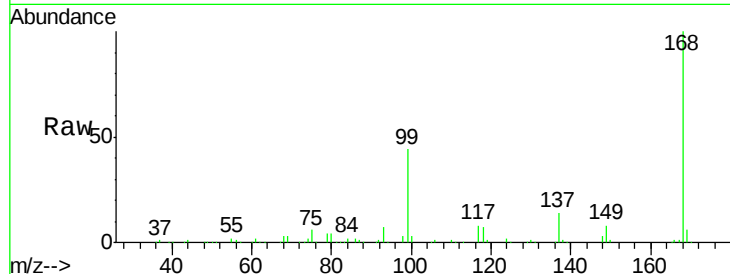
PB109413ZHE#20

Tot Ion:168 Resp: 275711

Ion Ratio Lower Upper

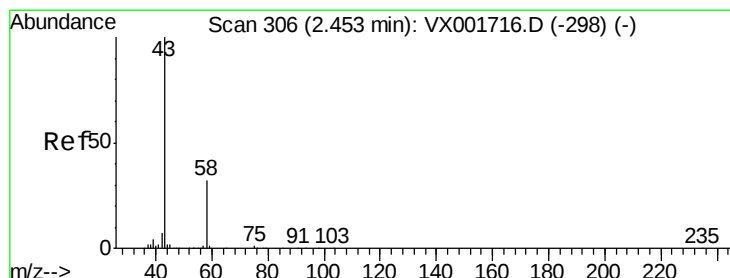
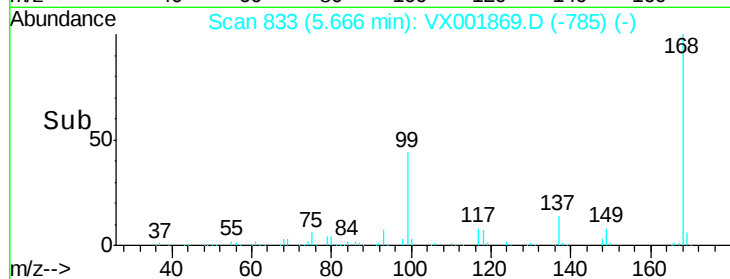
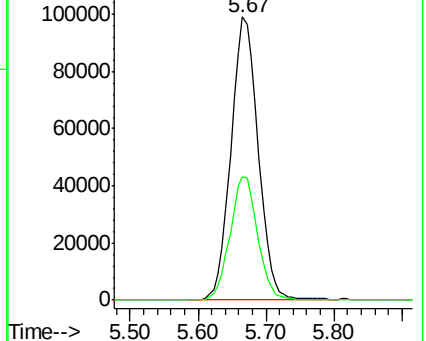
168 100

99 43.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001869.D

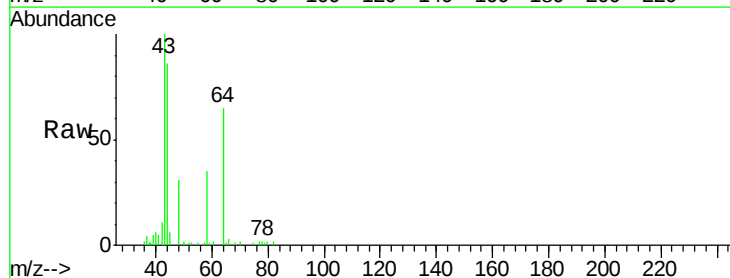
Acq: 19 May 2018 11:20

Tgt Ion: 43 Resp: 8333

Ion Ratio Lower Upper

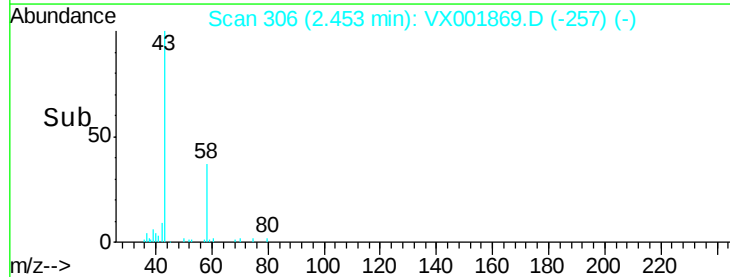
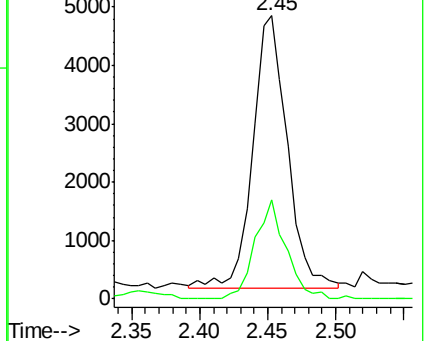
43 100

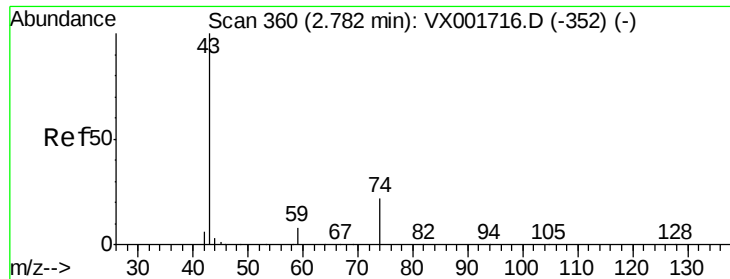
58 36.7 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 6.60 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

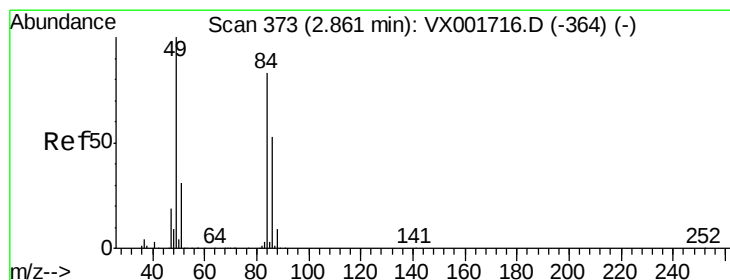
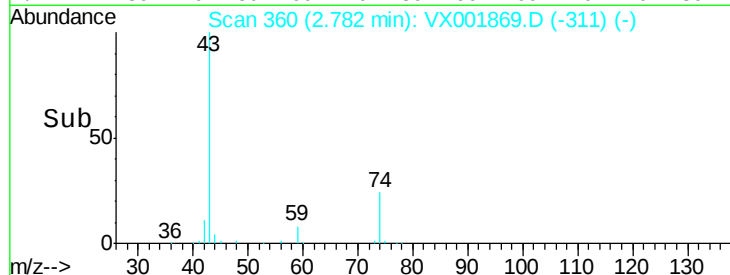
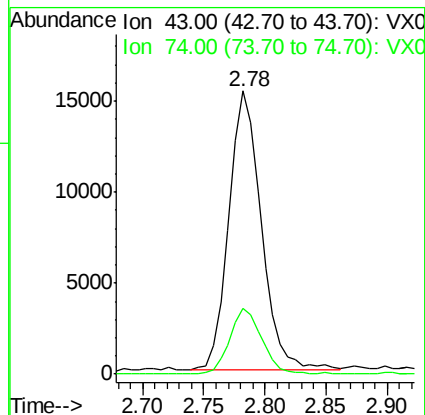
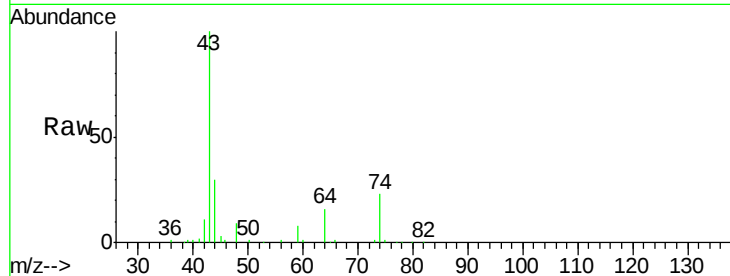
PB109413ZHE#20

Tot Ion: 43 Resp: 28026

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.2



#20

Methylene Chloride

Concen: 1.54 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Tgt Ion: 84 Resp: 4789

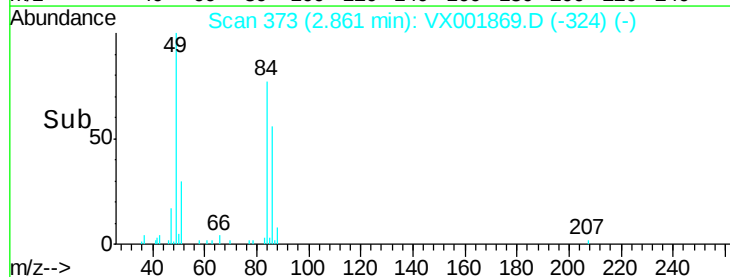
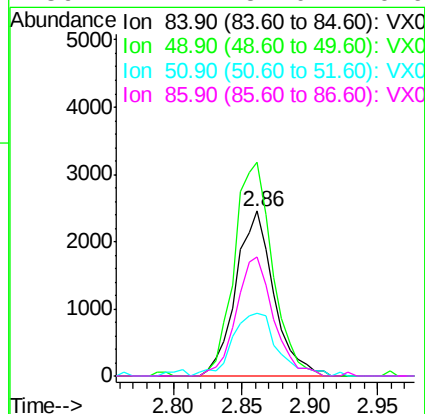
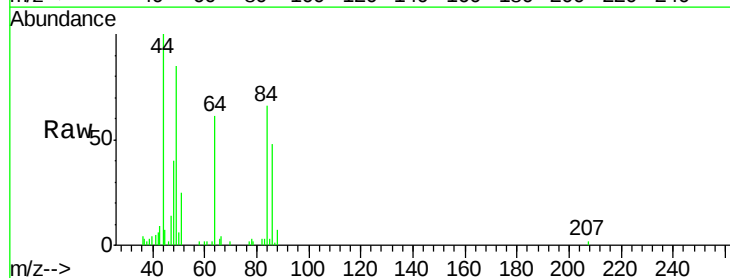
Ion Ratio Lower Upper

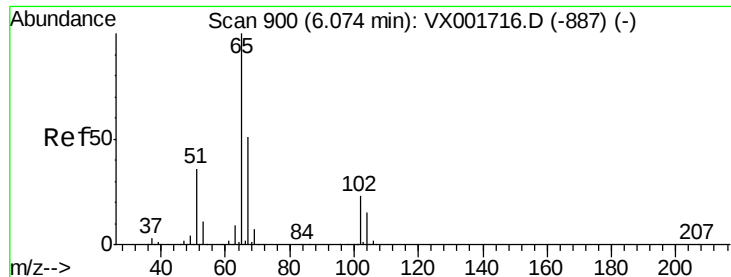
84 100

49 129.4 96.3 144.5

51 38.3 29.8 44.6

86 72.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 42.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

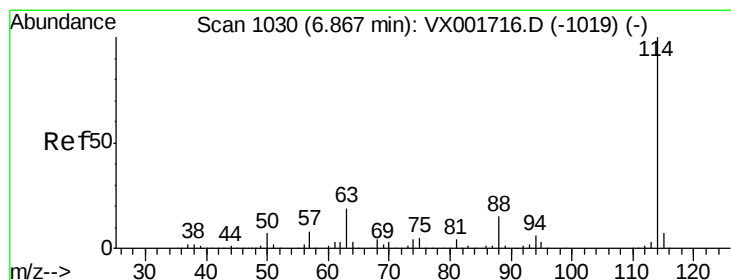
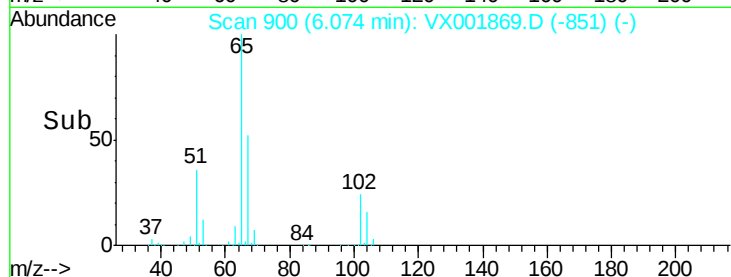
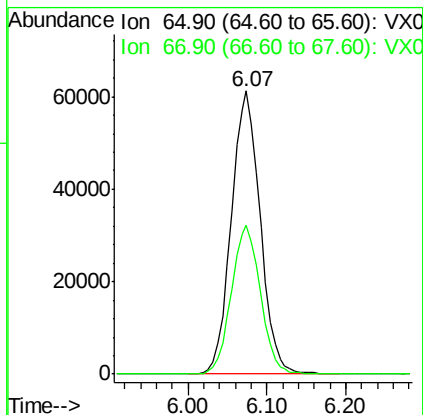
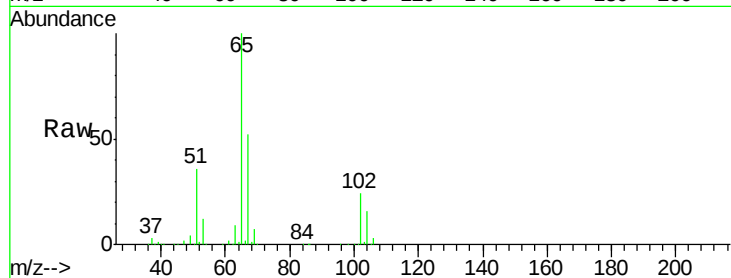
PB109413ZHE#20

Tot Ion: 65 Resp: 155710

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

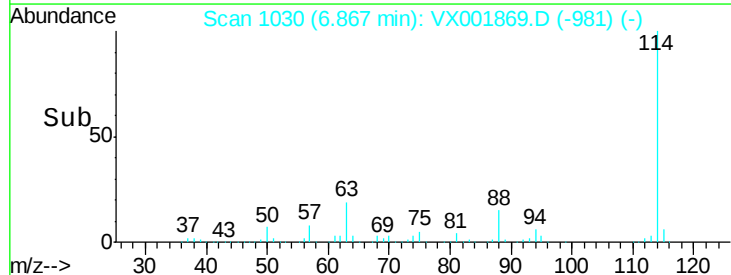
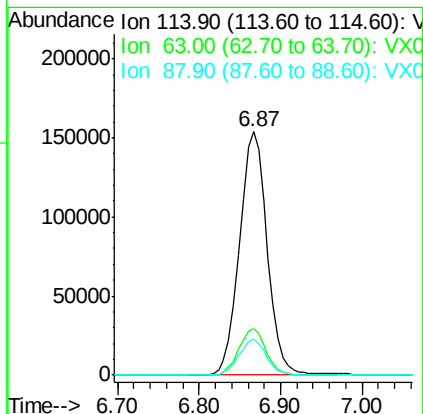
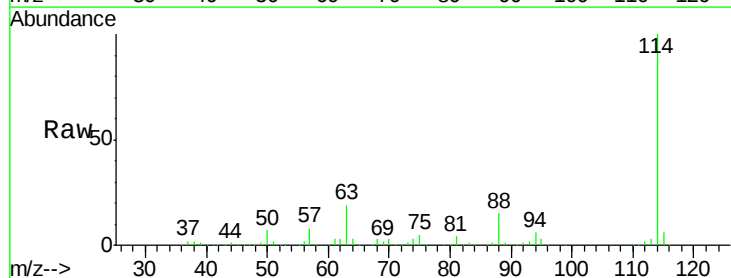
Tgt Ion: 114 Resp: 361455

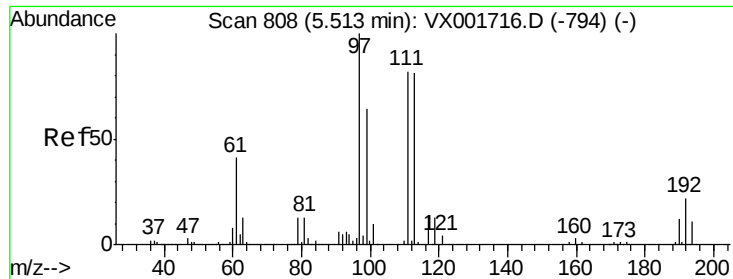
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

88 14.8 0.0 29.8

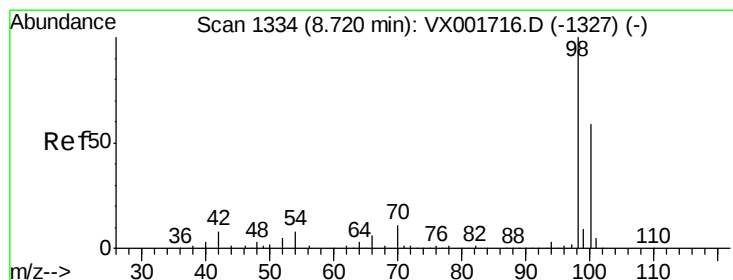
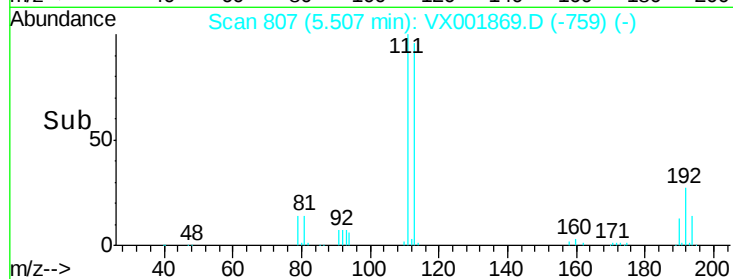
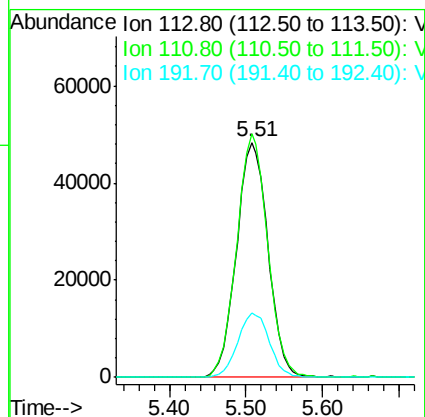
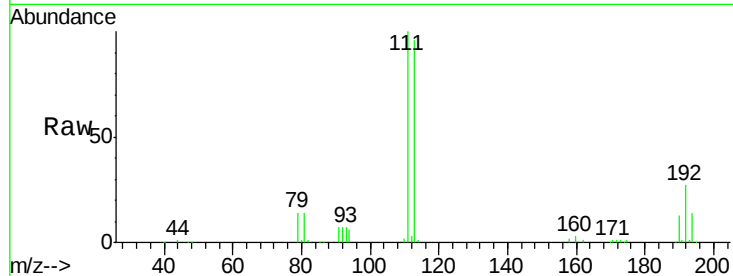




#35
 Dibromofluoromethane
 Concen: 45.38 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001869.D
 Acq: 19 May 2018 11:20

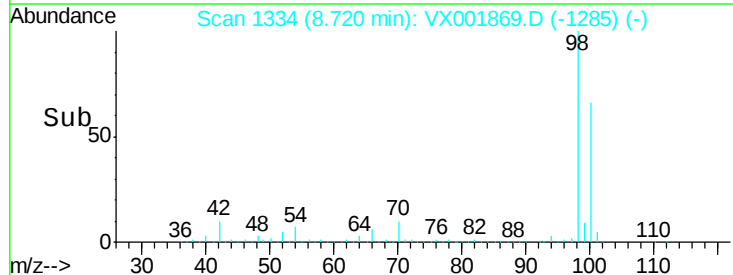
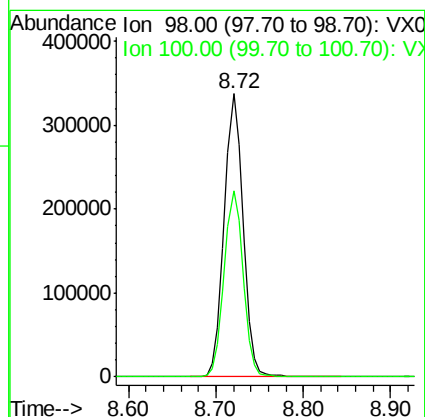
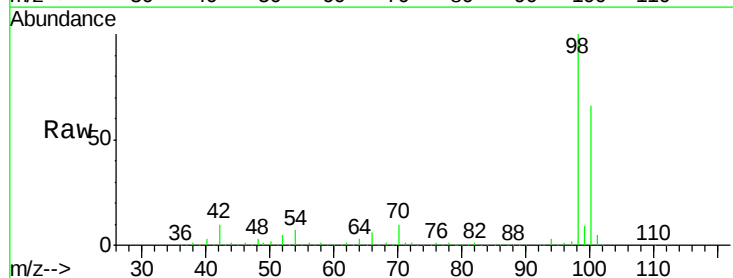
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#20

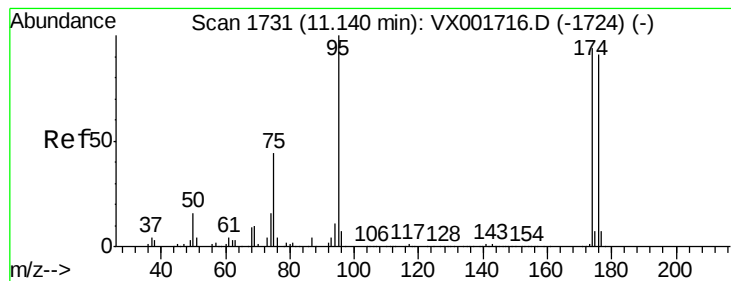
Tot Ion:113 Resp: 138437
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 27.4 21.6 32.4



#50
 Toluene-d8
 Concen: 46.25 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001869.D
 Acq: 19 May 2018 11:20

Tgt Ion: 98 Resp: 505283
 Ion Ratio Lower Upper
 98 100
 100 66.6 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 30.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#20

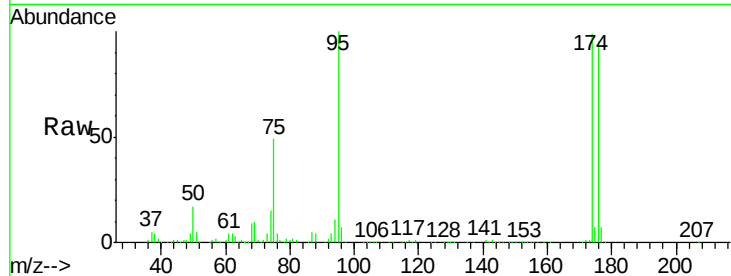
Tot Ion: 95 Resp: 119855

Ion Ratio Lower Upper

95 100

174 105.6 0.0 201.8

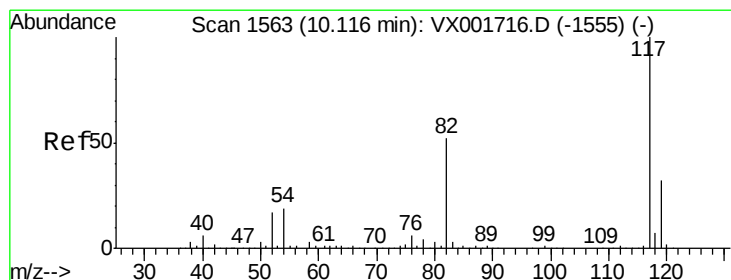
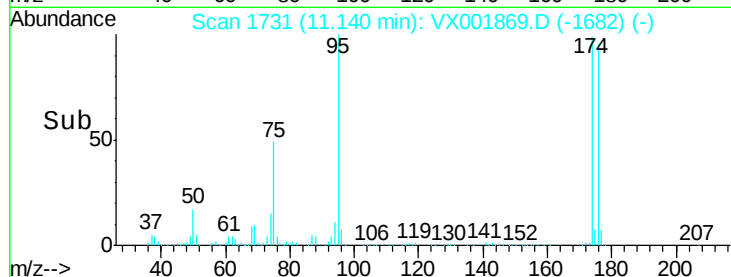
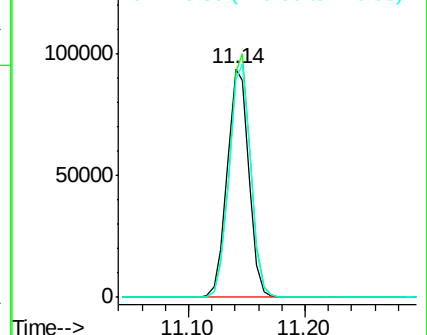
176 101.7 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

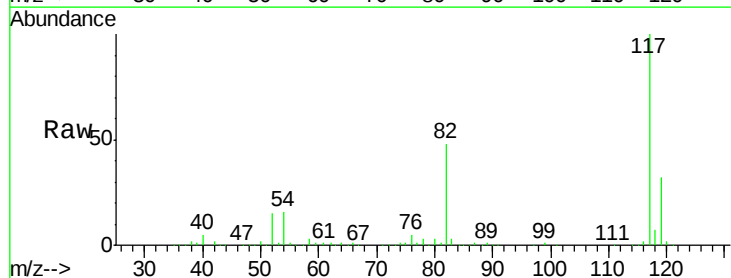
Tgt Ion: 117 Resp: 263636

Ion Ratio Lower Upper

117 100

82 47.8 41.4 62.2

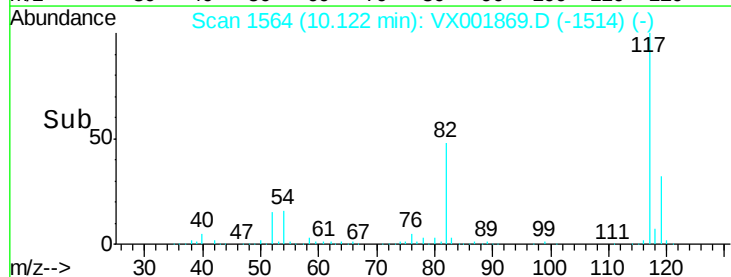
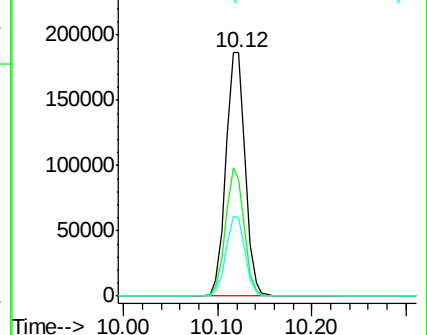
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001716.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001716.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001716.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001869.D

Acq: 19 May 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#20

Tot Ion:152 Resp: 115368

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

150 154.8 0.0 344.8

