

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001147.D
 Acq On : 27 Apr 2018 02:24
 Operator : JC/MD
 Sample : PB108612ZHE#10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108612ZHE#10

Quant Time: Apr 27 07:33:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

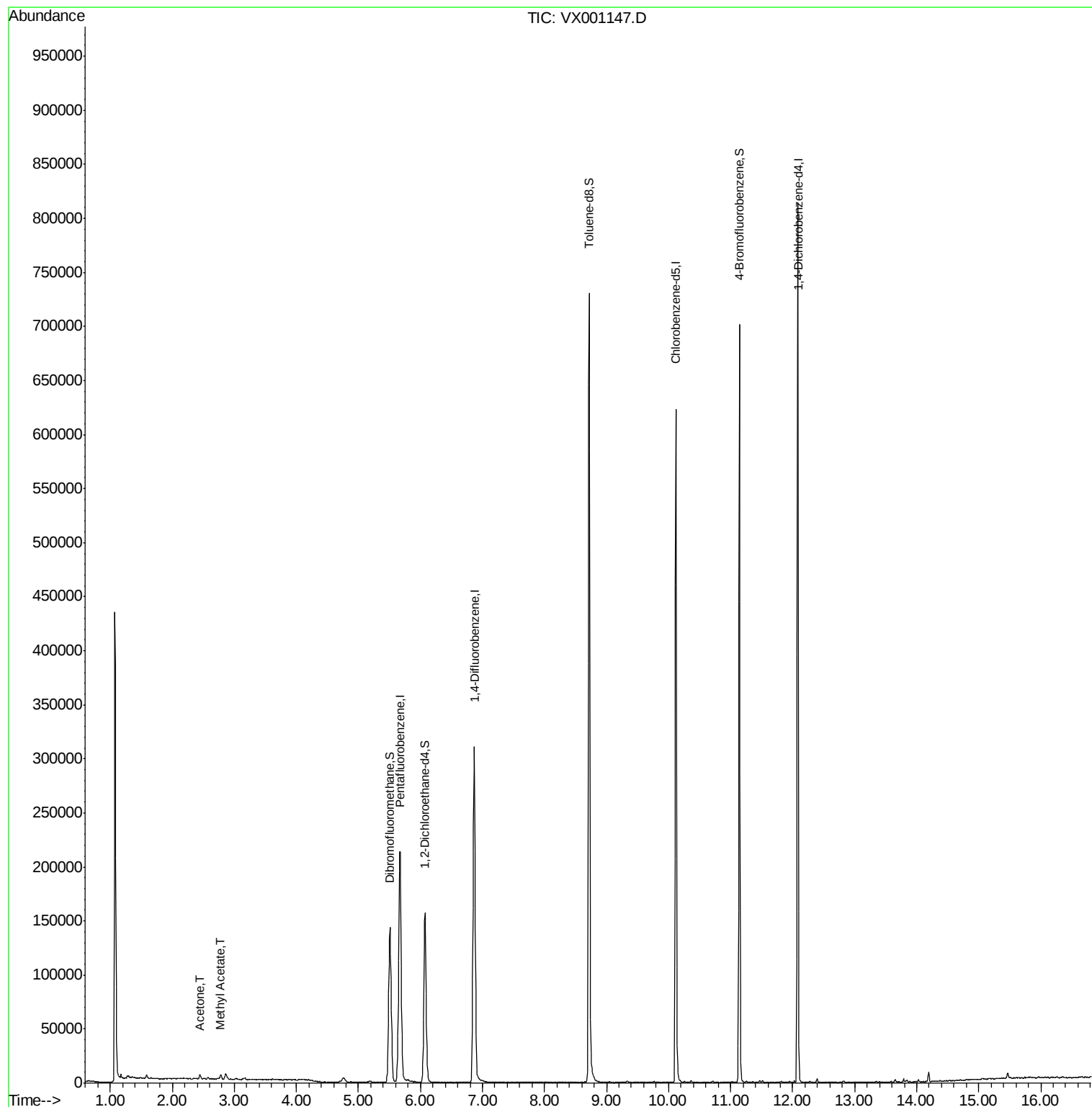
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148641	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
35) Dibromofluoromethane	5.51	113	116683	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
50) Toluene-d8	8.72	98	446807	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	11.14	95	160955	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
16) Acetone	2.45	43	4210	2.852	ug/l	97
18) Methyl Acetate	2.78	43	4970	1.346	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

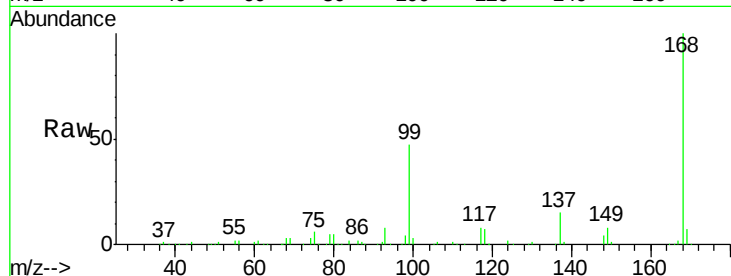
PB108612ZHE#10

Tot Ion:168 Resp: 231542

Ion Ratio Lower Upper

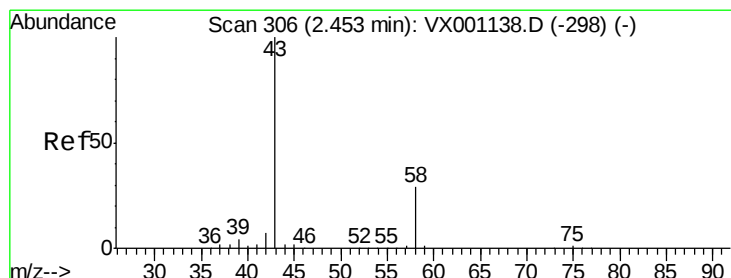
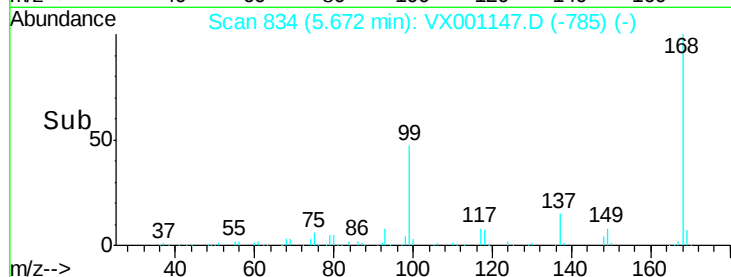
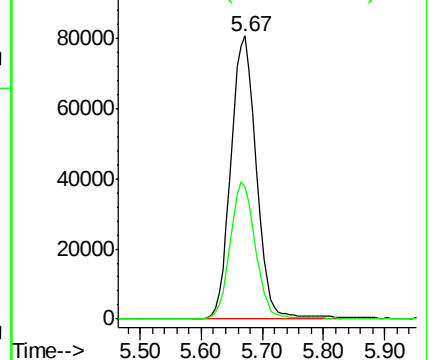
168 100

99 46.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.852 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001147.D

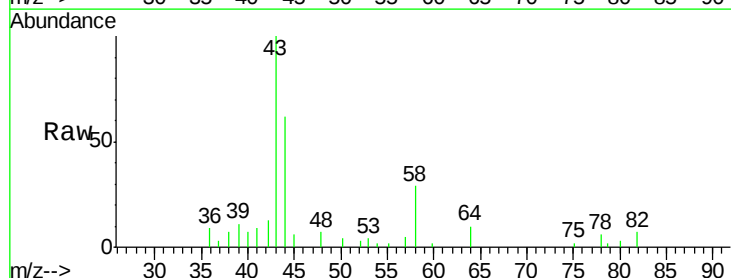
Acq: 27 Apr 2018 02:24

Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

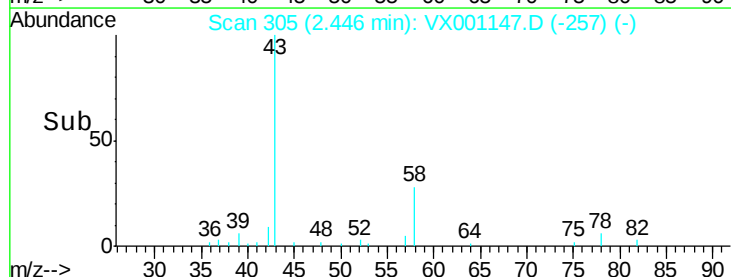
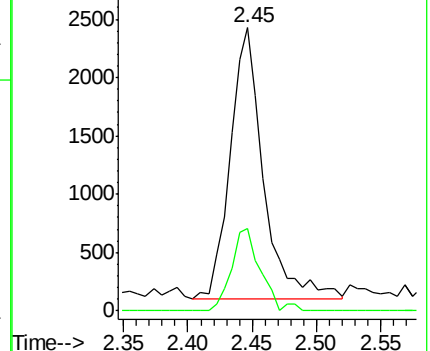
43 100

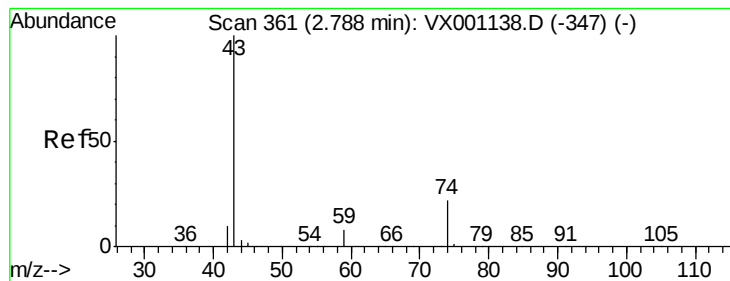
58 30.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 1.346 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001147.D

Acq: 27 Apr 2018 02:24

Instrument :

MSVOA_X

ClientSampleId :

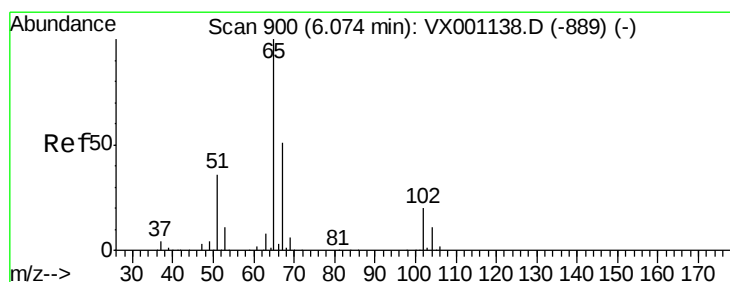
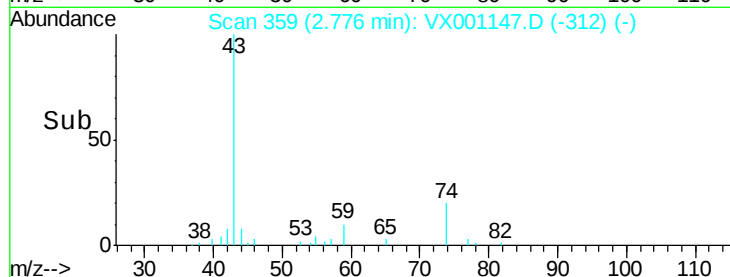
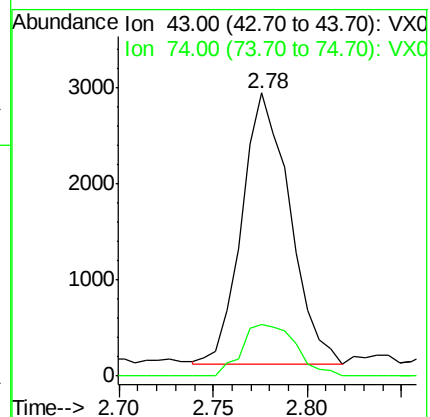
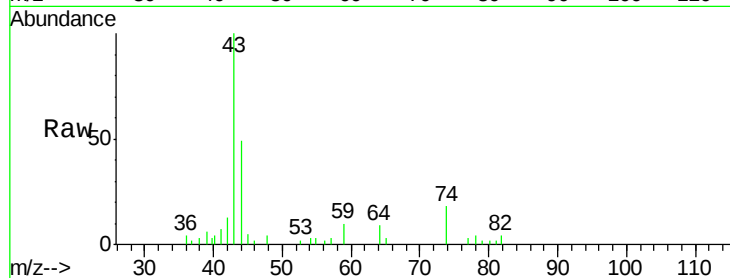
PB108612ZHE#10

Tot Ion: 43 Resp: 4970

Ion Ratio Lower Upper

43 100

74 21.6 18.1 27.1



#33

1,2-Dichloroethane-d4

Concen: 41.414 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001147.D

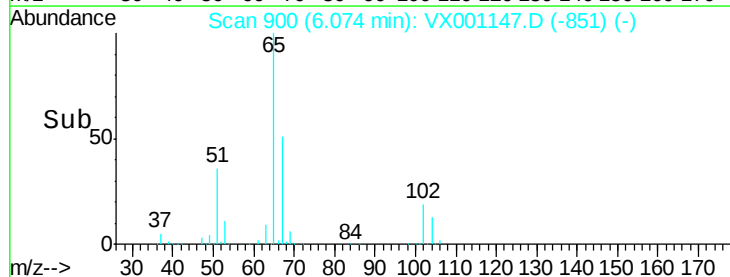
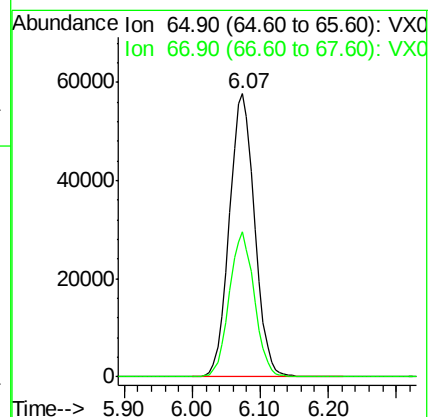
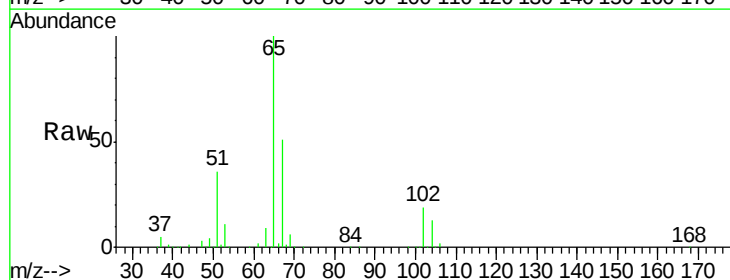
Acq: 27 Apr 2018 02:24

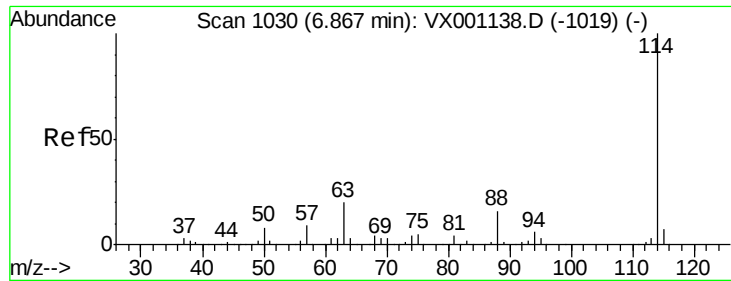
Tgt Ion: 65 Resp: 148641

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.2

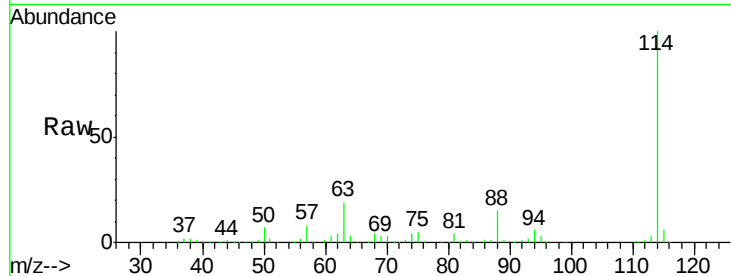




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001147.D
 Acq: 27 Apr 2018 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108612ZHE#10

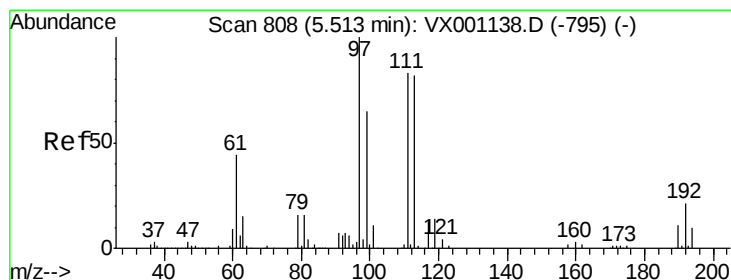
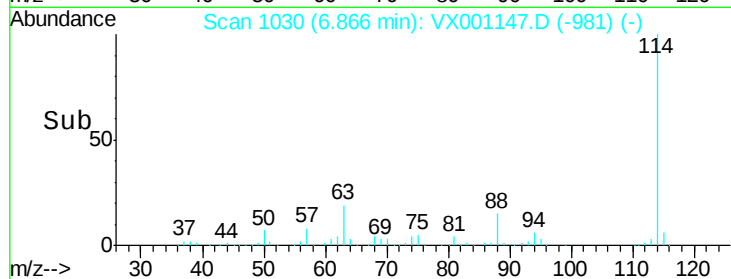
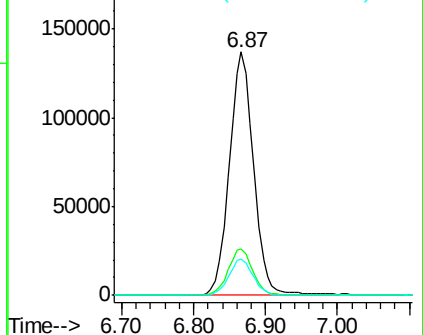
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.4
88	15.0	0.0	31.8



Abundance Ion 113.90 (113.60 to 114.60): V

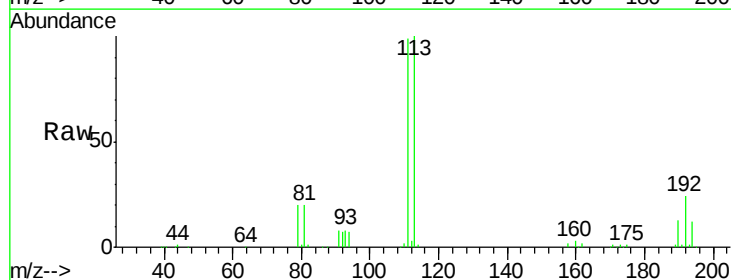
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 43.953 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001147.D
 Acq: 27 Apr 2018 02:24

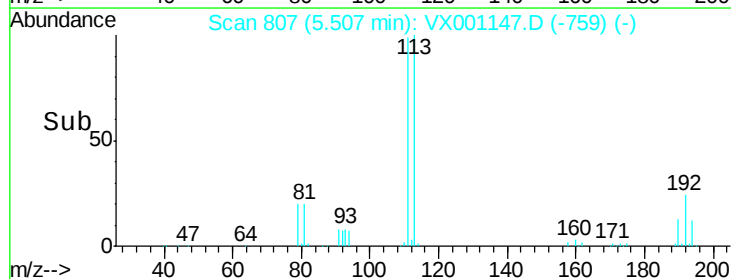
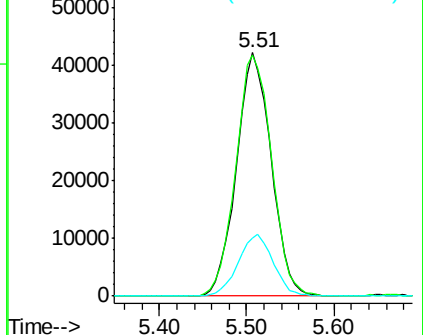
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	25.4	20.6	30.8

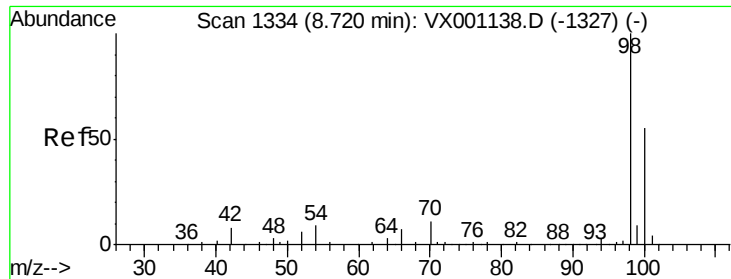


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.598 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001147.D

Acq: 27 Apr 2018 02:24

Instrument :

MSVOA_X

ClientSampleId :

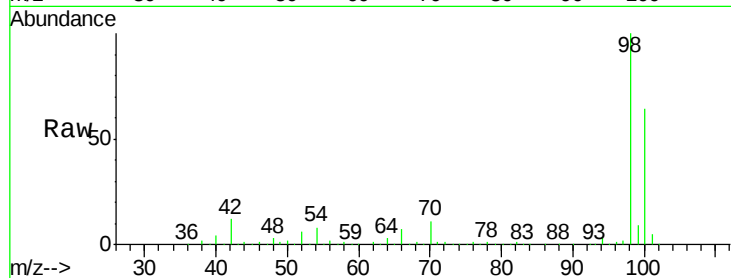
PB108612ZHE#10

Tot Ion: 98 Resp: 446807

Ion Ratio Lower Upper

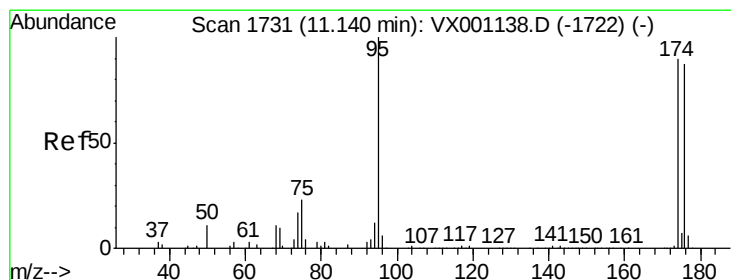
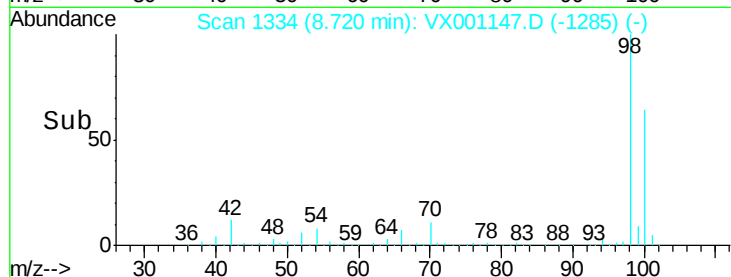
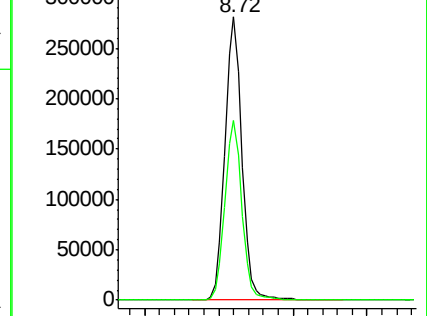
98 100

100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.126 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001147.D

Acq: 27 Apr 2018 02:24

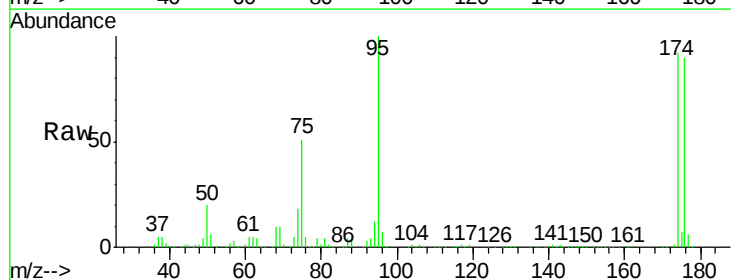
Tgt Ion: 95 Resp: 160955

Ion Ratio Lower Upper

95 100

174 98.6 0.0 194.4

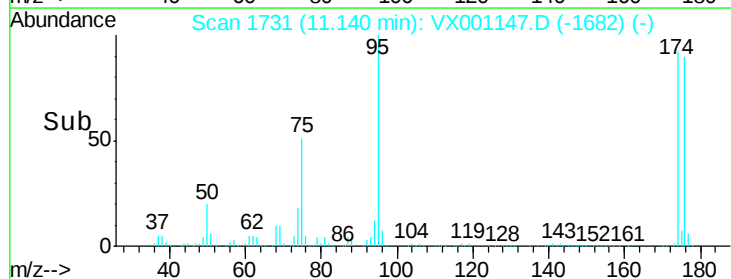
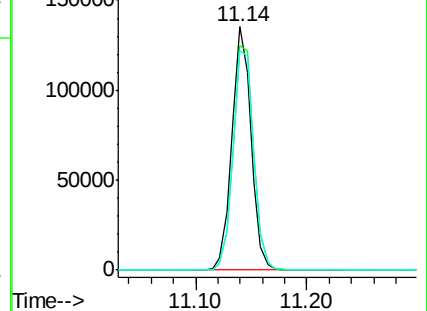
176 96.6 0.0 190.2

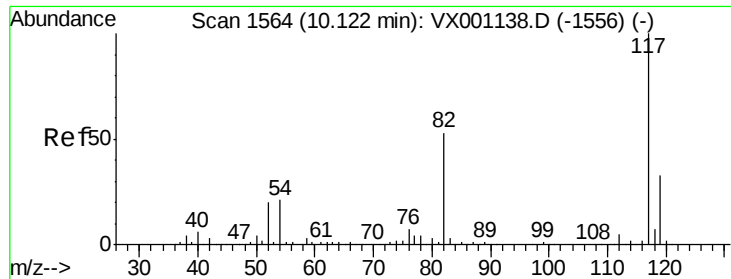


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

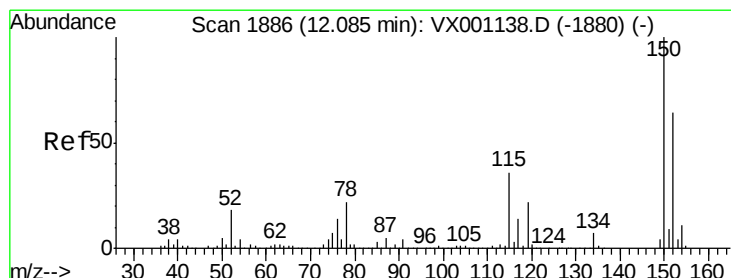
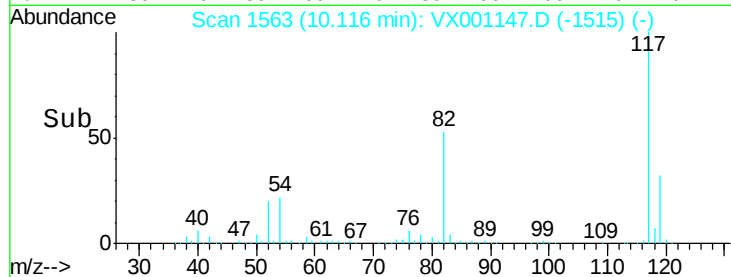
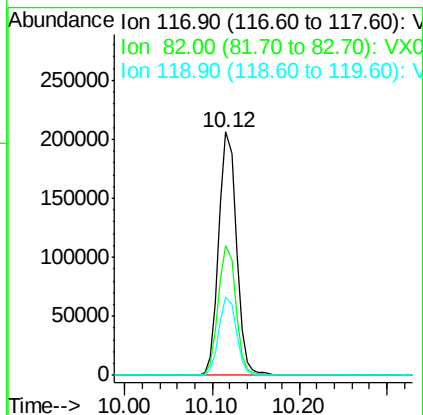
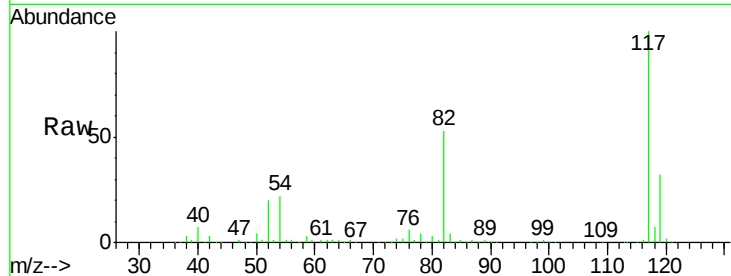




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001147.D
 Acq: 27 Apr 2018 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108612ZHE#10

Tot Ion:117 Resp: 287947
 Ion Ratio Lower Upper
 117 100
 82 53.2 42.1 63.1
 119 32.5 26.1 39.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001147.D
 Acq: 27 Apr 2018 02:24

Tgt Ion:152 Resp: 173936
 Ion Ratio Lower Upper
 152 100
 115 53.6 38.0 114.0
 150 156.3 0.0 349.6

