

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002509.D
 Acq On : 13 Jun 2018 14:23
 Operator : JC/MD
 Sample : PB110148ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110148ZHE#16

Quant Time: Jun 14 02:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

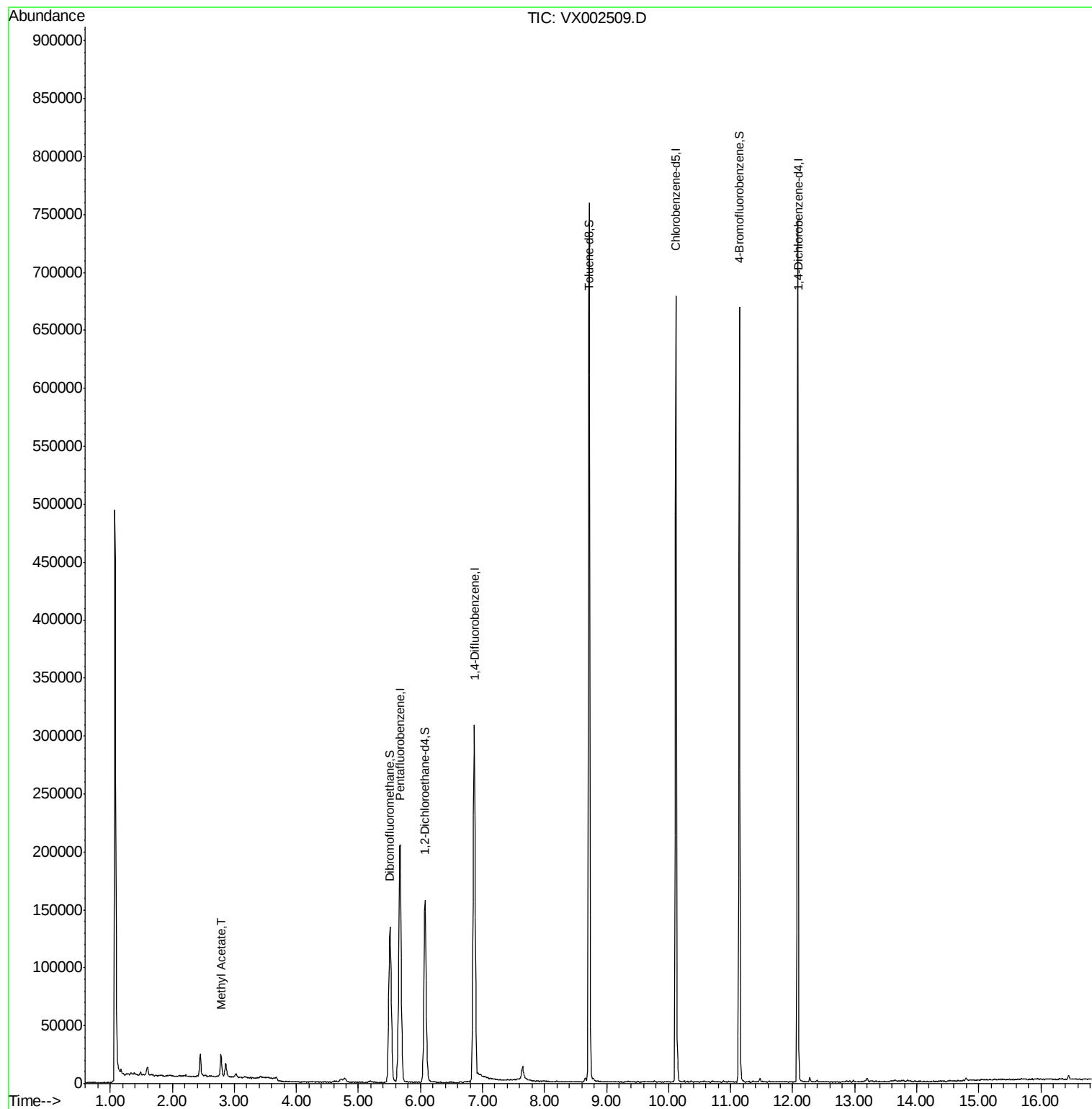
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	154602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148543	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	5.51	113	110055	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	8.72	98	436058	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	149978	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
Target Compounds						
18) Methyl Acetate	2.78	43	21270	4.878	ug/l	Qvalue 97

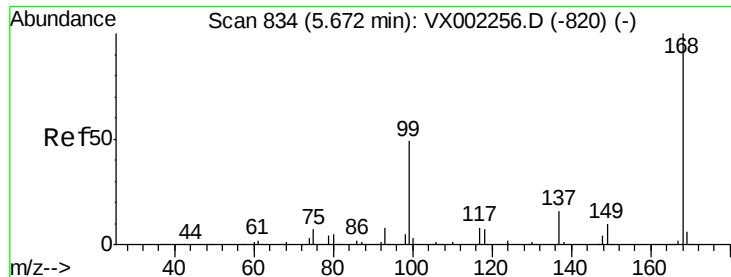
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002509.D

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Instrument :

MSVOA_X

ClientSampleId :

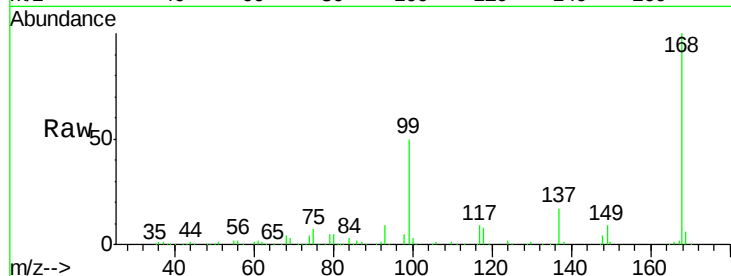
PB110148ZHE#16

Tot Ion:168 Resp: 203019

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

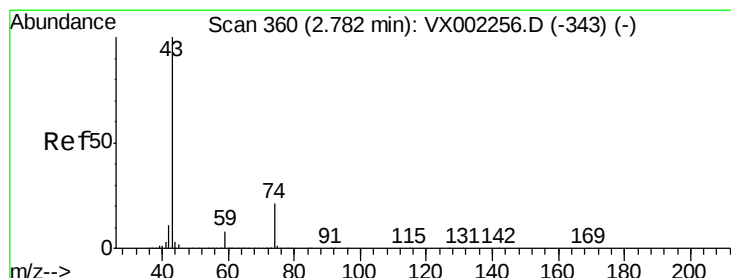
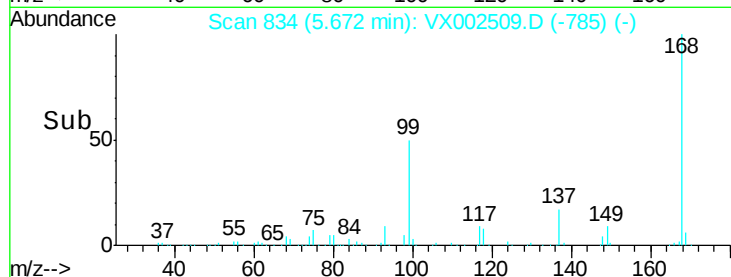
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.878 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002509.D

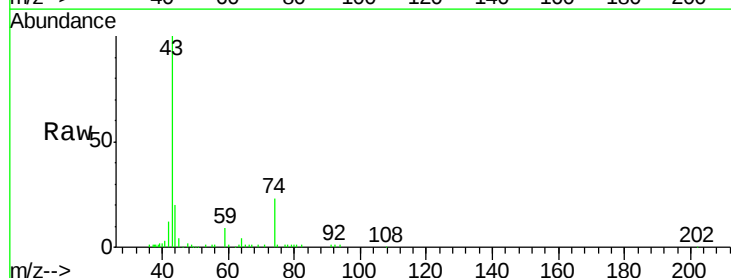
Acq: 13 Jun 2018 14:23

Tgt Ion: 43 Resp: 21270

Ion Ratio Lower Upper

43 100

74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

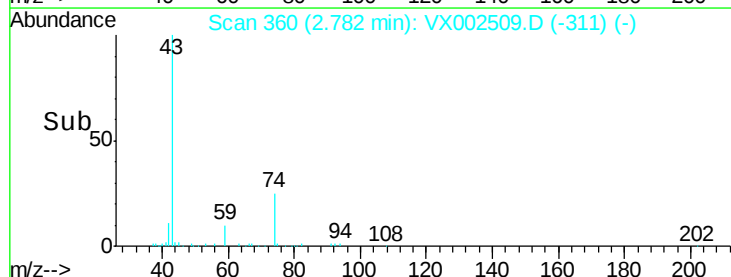
2.78

10000

5000

0

Time--> 2.70 2.75 2.80 2.85





#33

1,2-Dichloroethane-d4

Concen: 51.252 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002509.D

Acq: 13 Jun 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

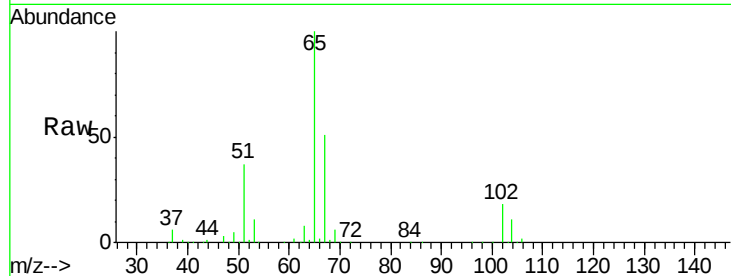
PB110148ZHE#16

Tot Ion: 65 Resp: 148543

Ion Ratio Lower Upper

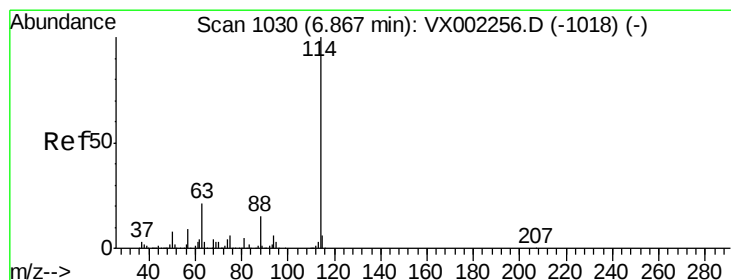
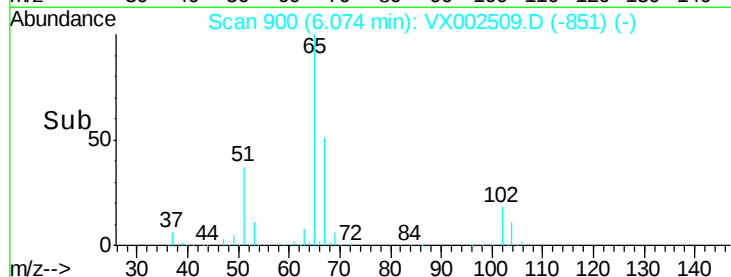
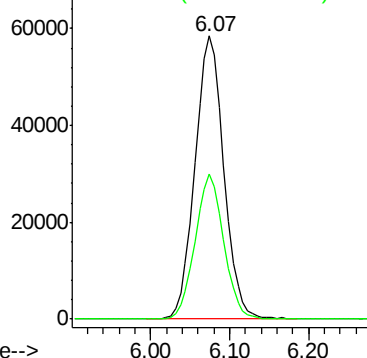
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002509.D

Acq: 13 Jun 2018 14:23

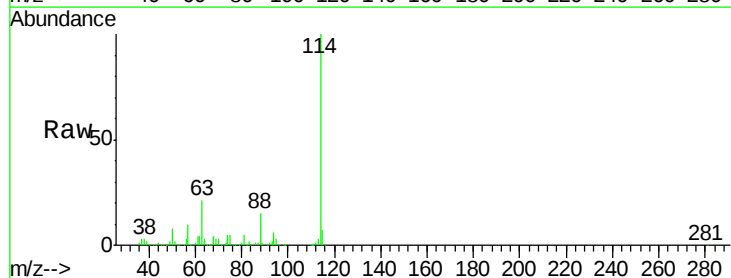
Tgt Ion: 114 Resp: 298849

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

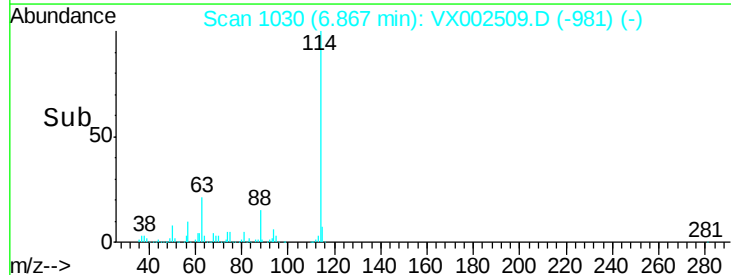
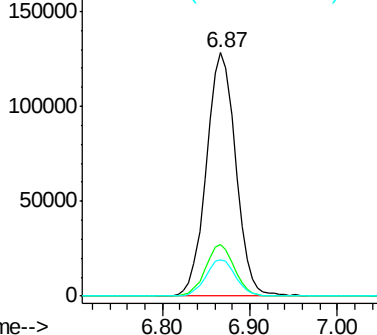
88 15.0 0.0 30.0

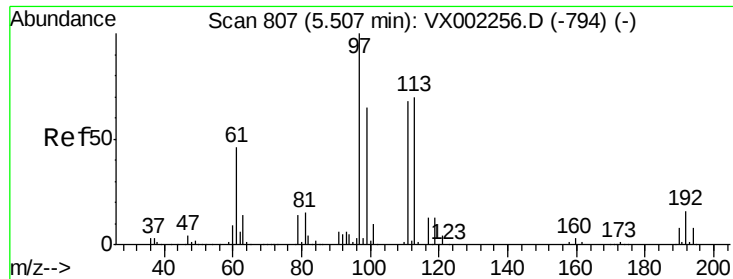


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

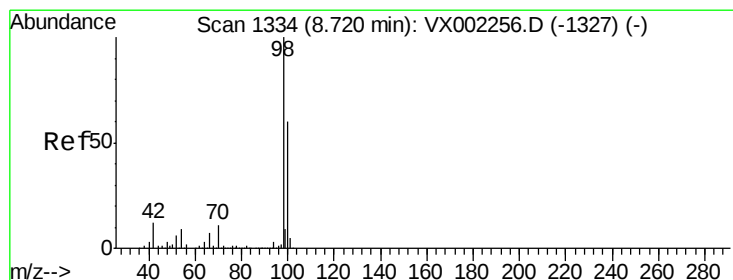
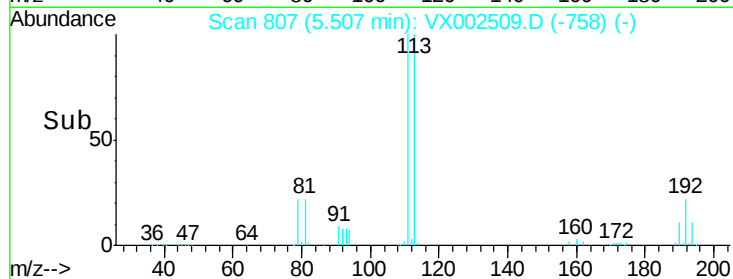
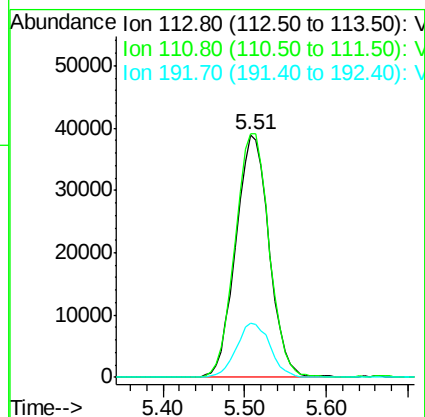
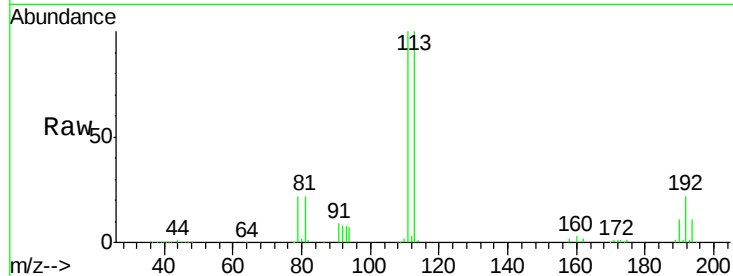




#35
 Dibromofluoromethane
 Concen: 46.828 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002509.D
 Acq: 13 Jun 2018 14:23

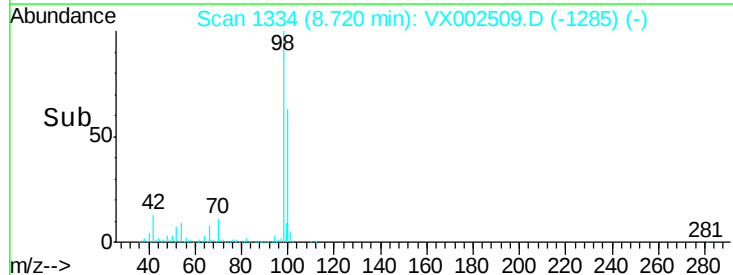
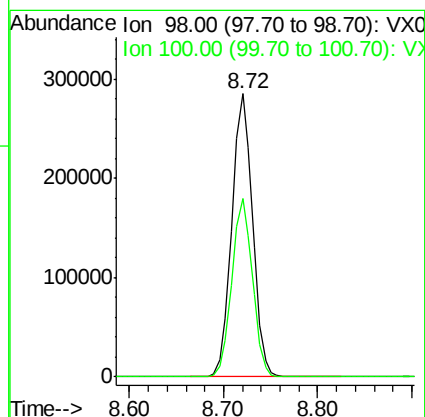
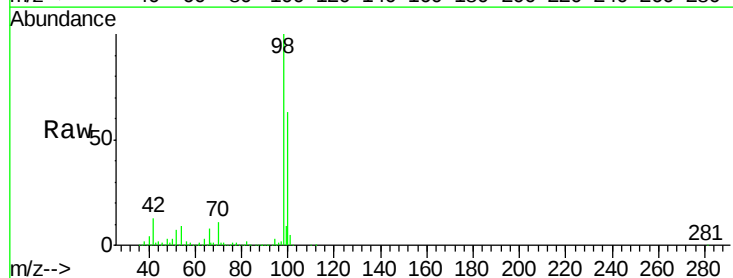
Instrument :
 MSVOA_X
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 PB110148ZHE#16

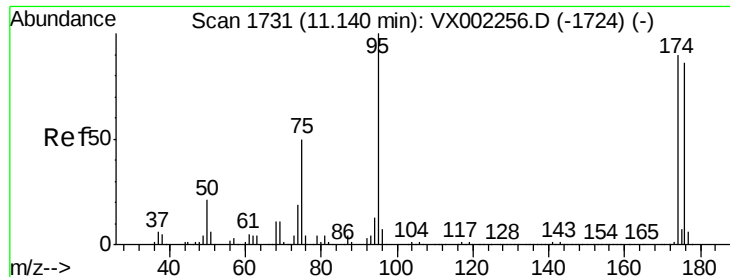
Tot Ion:113 Resp: 110055
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 22.7 19.1 28.7



#50
 Toluene-d8
 Concen: 48.407 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002509.D
 Acq: 13 Jun 2018 14:23

Tgt Ion: 98 Resp: 436058
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.9 76.3

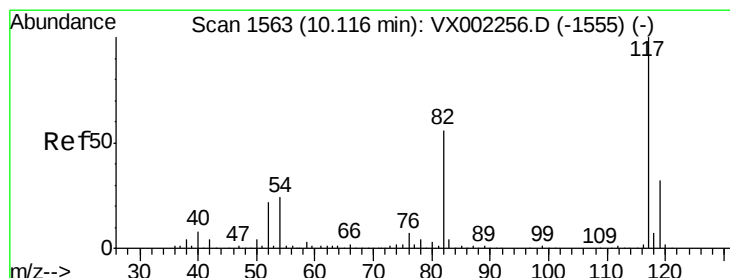
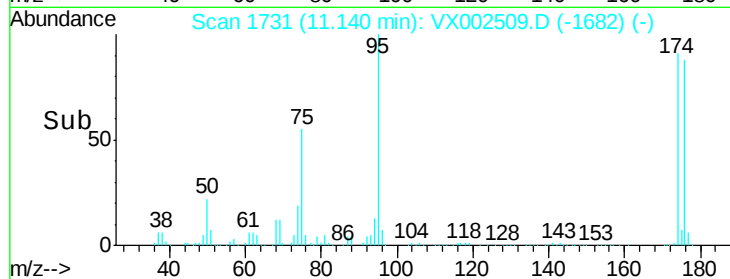
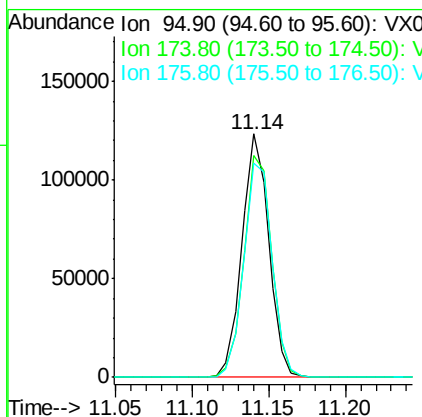
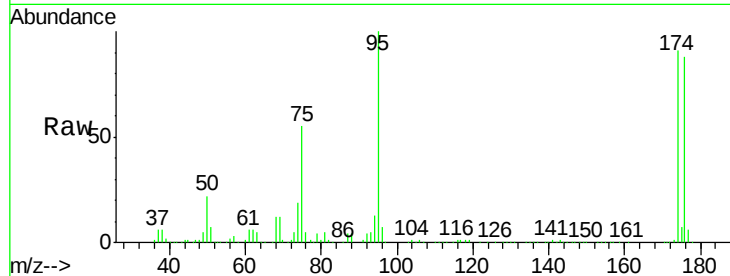




#62
4-Bromofluorobenzene
Concen: 43.176 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

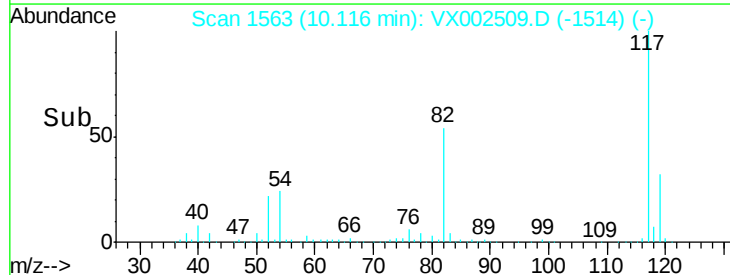
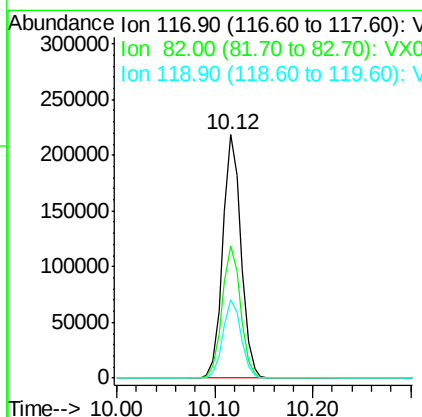
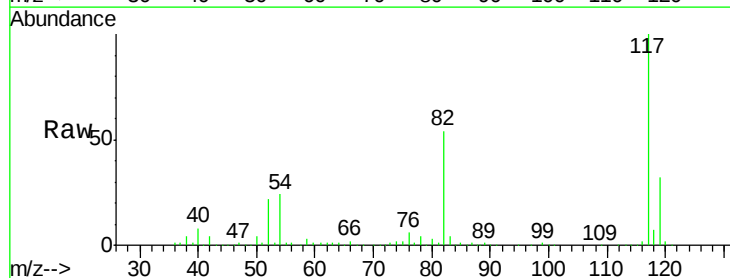
Instrument :
MSVOA_X
ClientSampleId :
PB110148ZHE#16

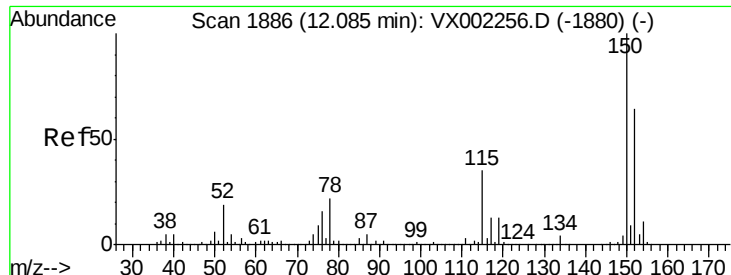
Tot Ion: 95 Resp: 149978
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 93.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 117 Resp: 281987
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002509.D

Acq: 13 Jun 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

PB110148ZHE#16

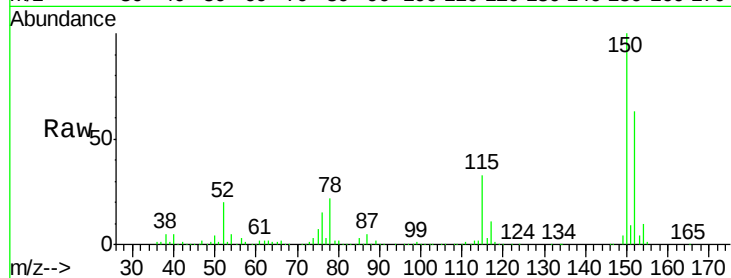
Tot Ion:152 Resp: 154602

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 156.9 0.0 347.2



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

