

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005347.D
 Acq On : 15 Oct 2018 16:48
 Operator : JC/MD
 Sample : PB113825ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113825ZHE#03

Quant Time: Oct 16 05:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153655	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	5.50	113	124383	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	467247	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.14	95	150123	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

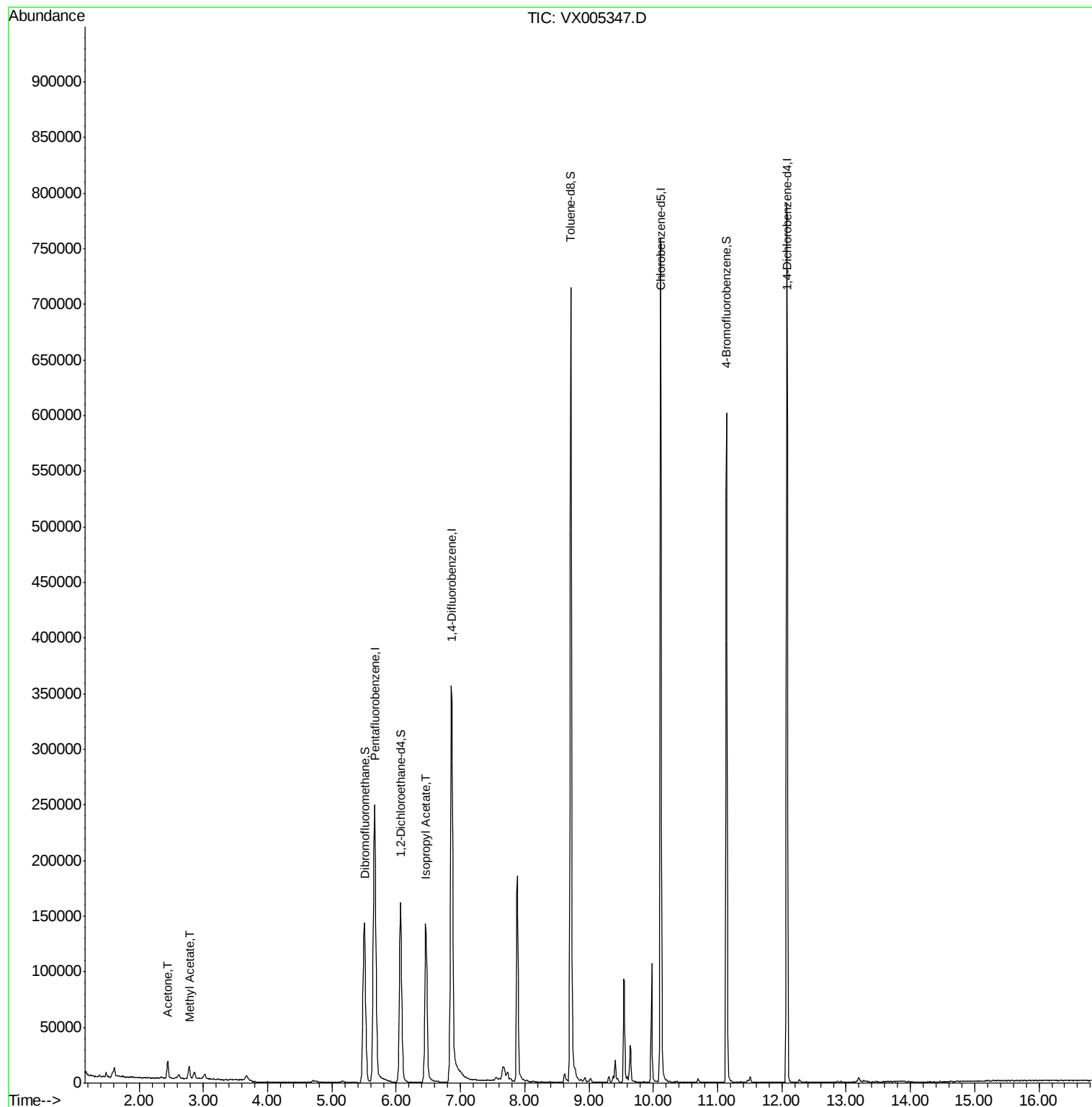
Target Compounds						Qvalue
16) Acetone	2.45	43	16125	9.61	ug/l	100
18) Methyl Acetate	2.78	43	13880	2.91	ug/l	97
43) Isopropyl Acetate	6.46	43	190655	29.72	ug/l	95

(#) = 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# 740

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

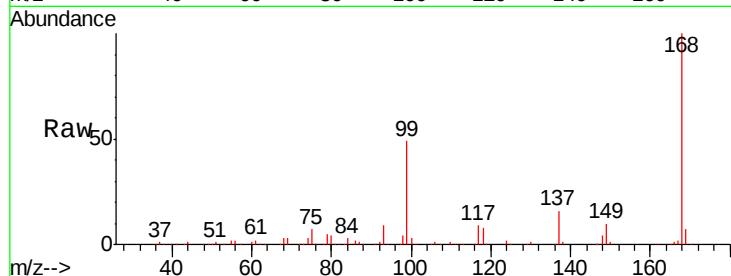
PB113825ZHE#03

Tgt Ion:168 Resp: 261354

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

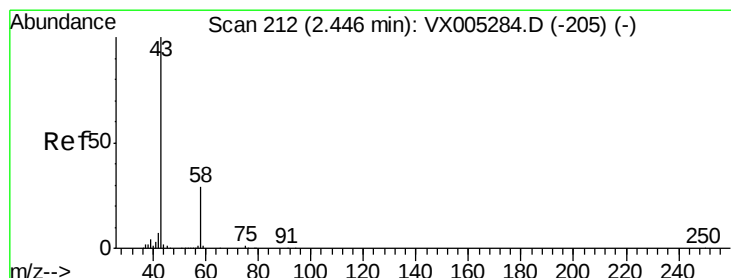
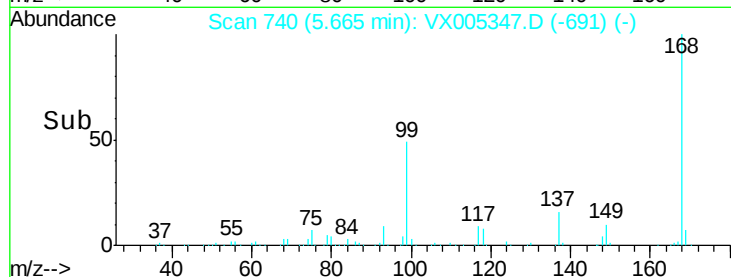
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.61 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005347.D

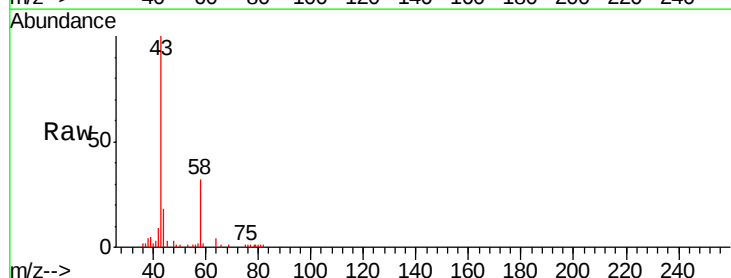
Acq: 15 Oct 2018 16:48

Tgt Ion: 43 Resp: 16125

Ion Ratio Lower Upper

43 100

58 32.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

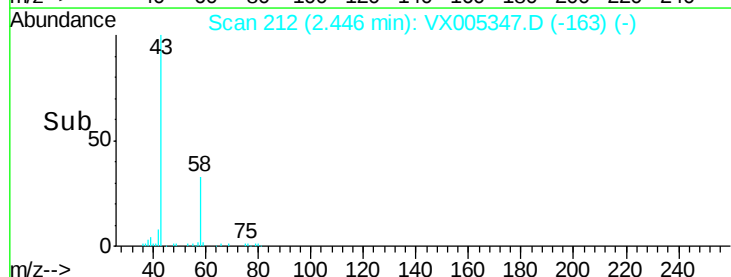
6000

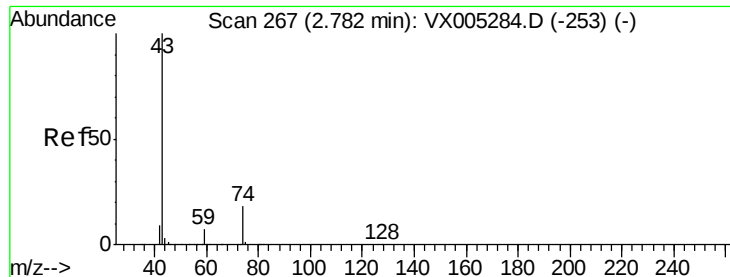
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

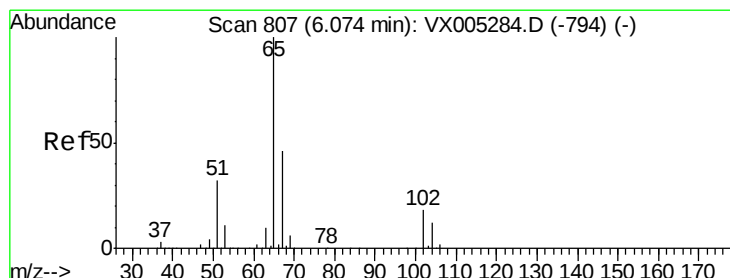
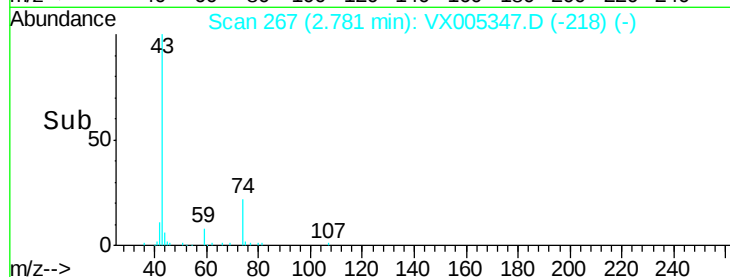
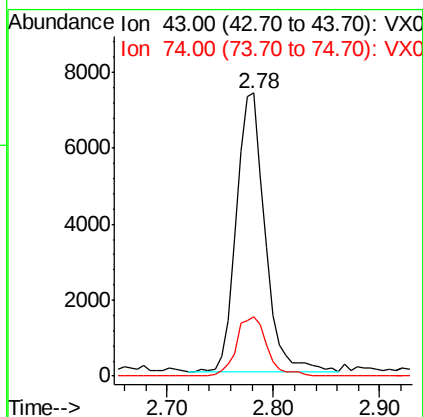
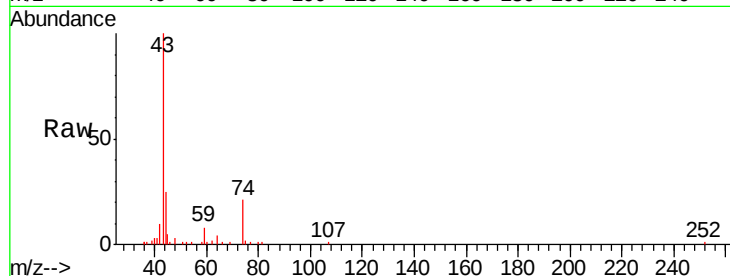




#18
Methyl Acetate
Concen: 2.91 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

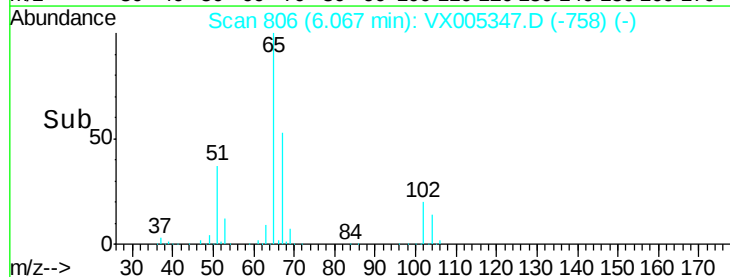
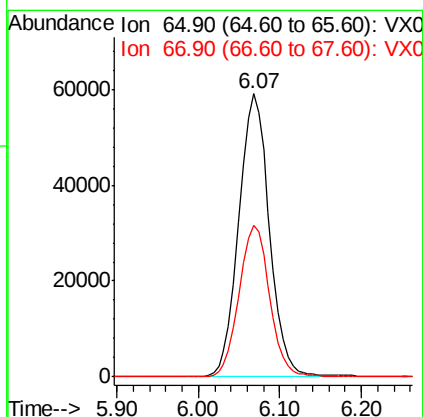
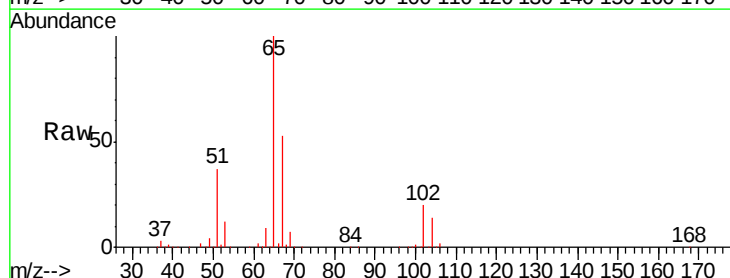
Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#03

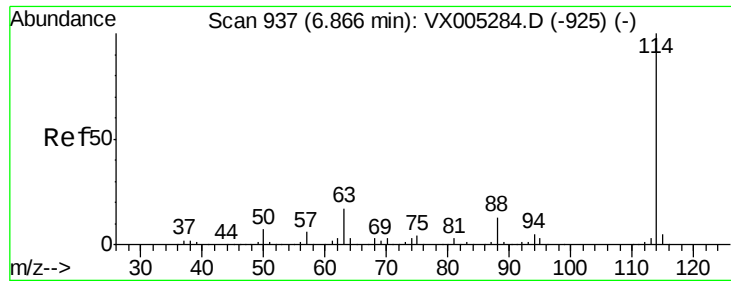
Tgt Ion: 43 Resp: 13880
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 52.97 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 65 Resp: 153655
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8

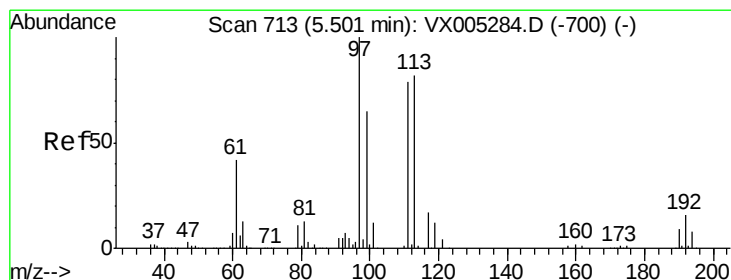
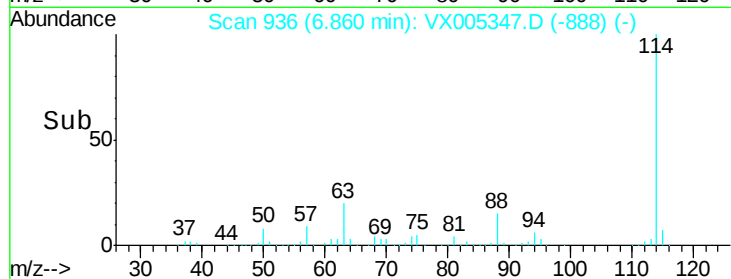
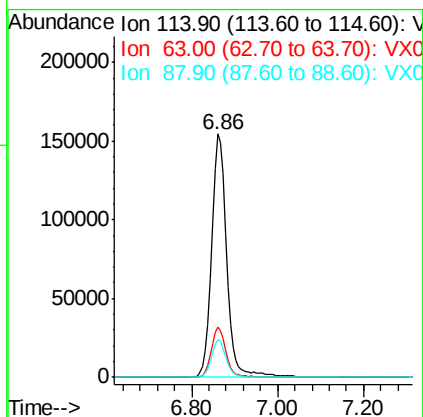
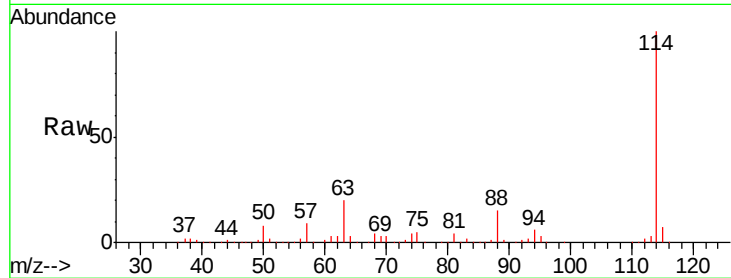




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005347.D
 Acq: 15 Oct 2018 16:48

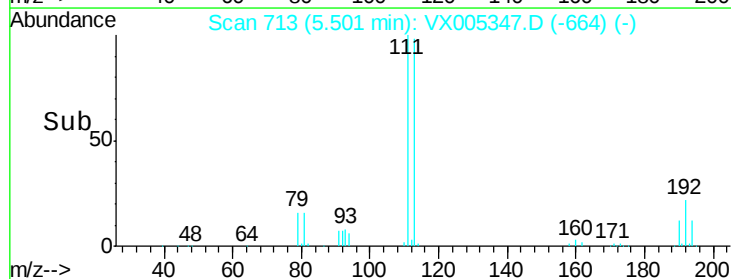
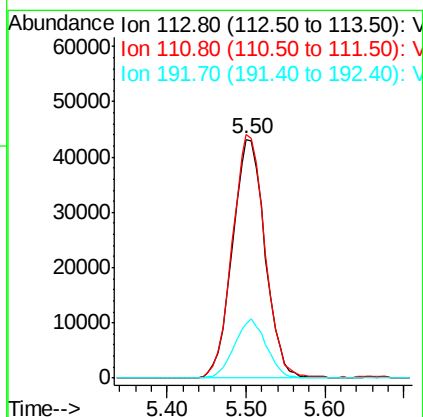
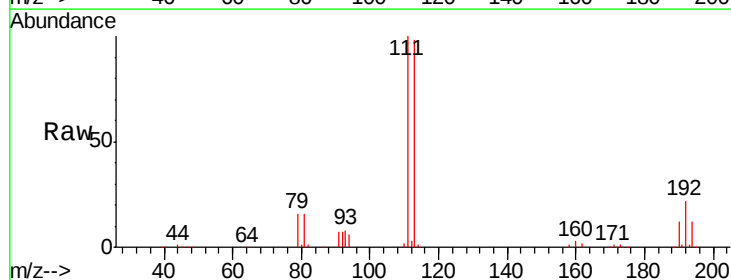
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113825ZHE#03

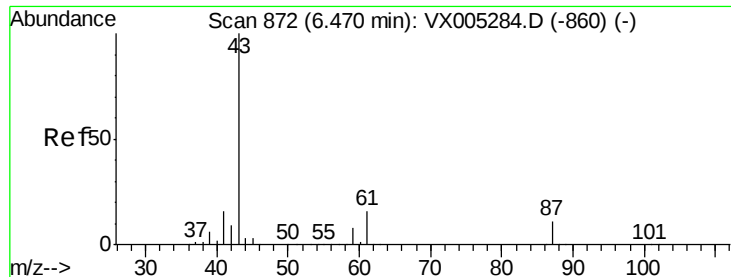
Tgt Ion:114 Resp: 386594
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 48.58 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005347.D
 Acq: 15 Oct 2018 16:48

Tgt Ion:113 Resp: 124383
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 23.9 19.4 29.2





#43

Isopropyl Acetate

Concen: 29.72 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005347.D

Acq: 15 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

PB113825ZHE#03

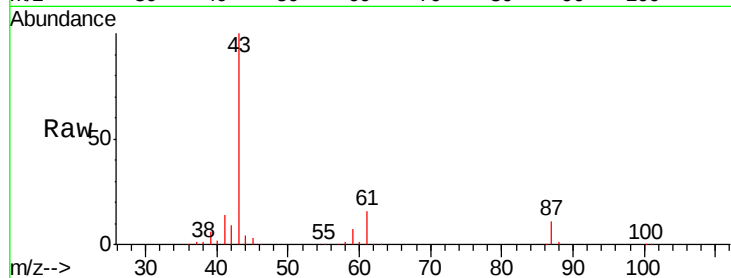
Tgt Ion: 43 Resp: 190655

Ion Ratio Lower Upper

43 100

61 19.0 17.0 25.4

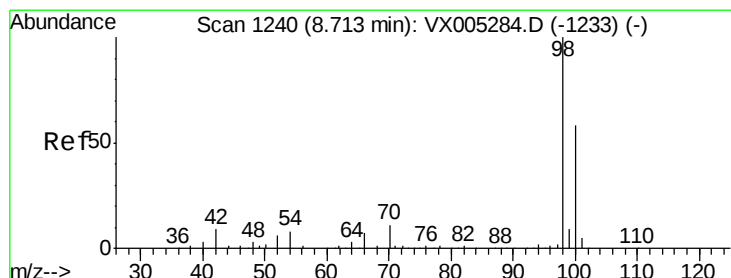
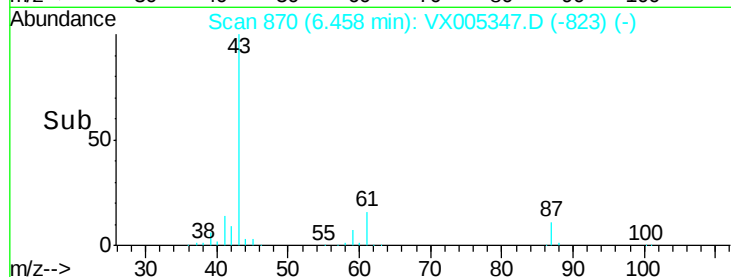
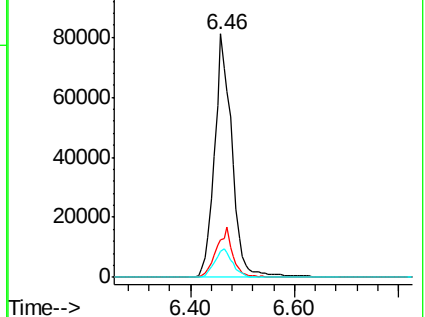
87 12.3 11.4 17.2



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: 53.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005347.D

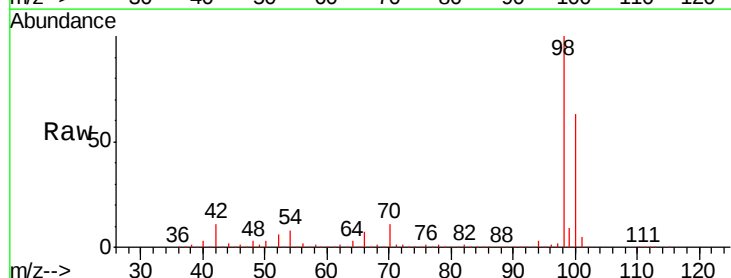
Acq: 15 Oct 2018 16:48

Tgt Ion: 98 Resp: 467247

Ion Ratio Lower Upper

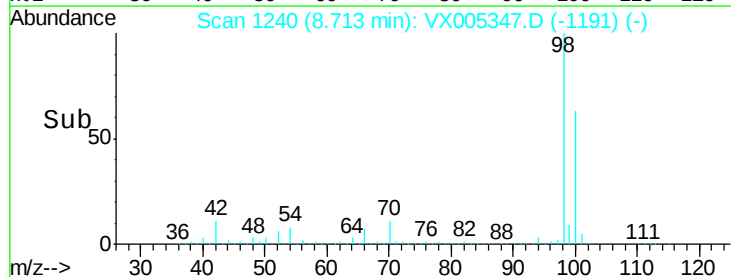
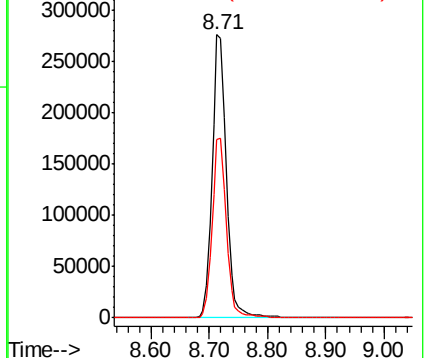
98 100

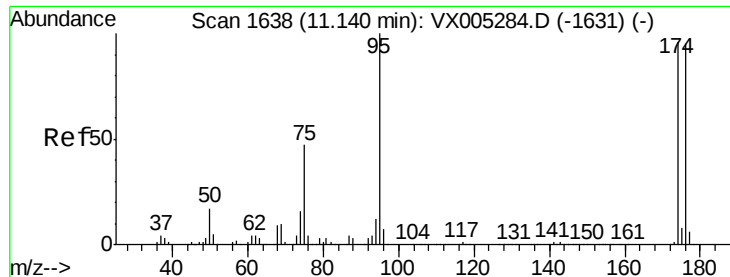
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

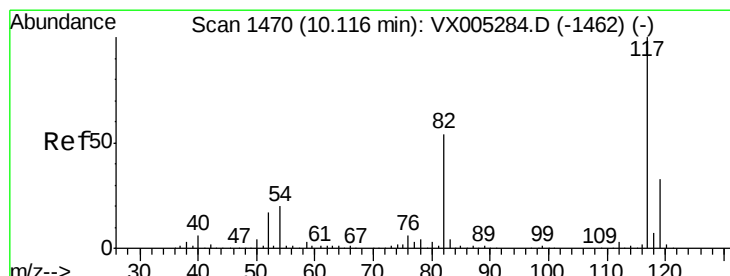
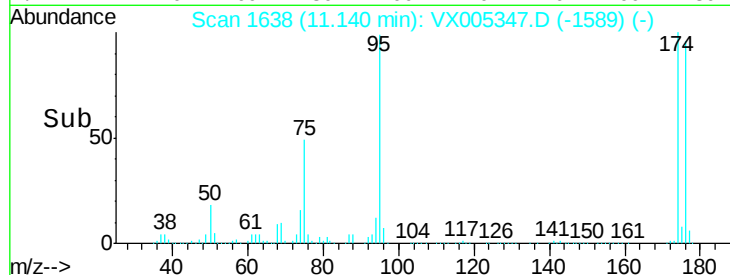
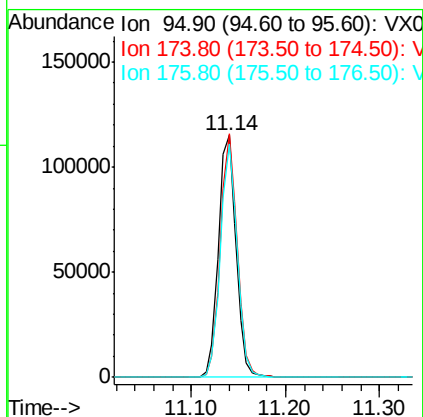
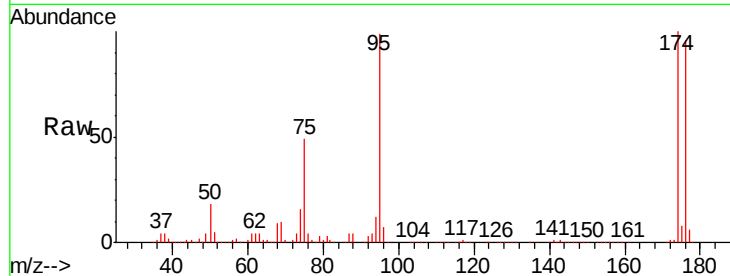




#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

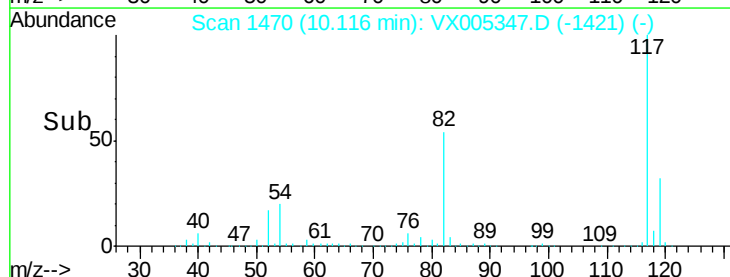
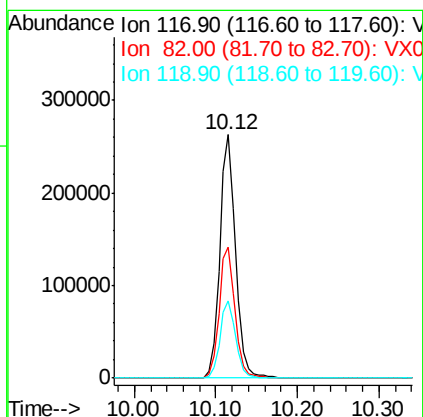
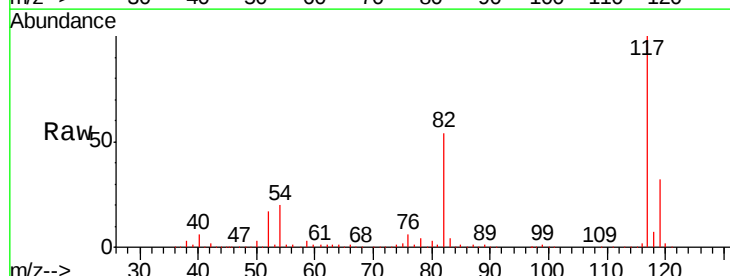
Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#03

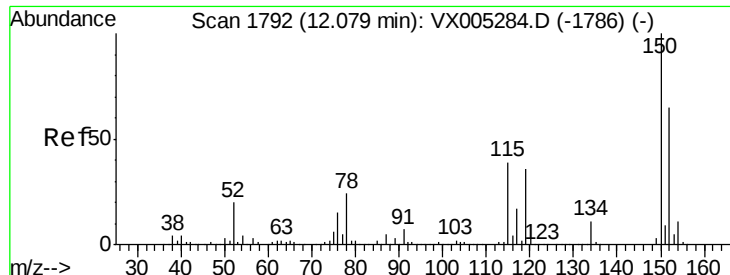
Tgt Ion: 95 Resp: 150123
Ion Ratio Lower Upper
95 100
174 96.3 0.0 185.2
176 92.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 117 Resp: 356130
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.0 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005347.D

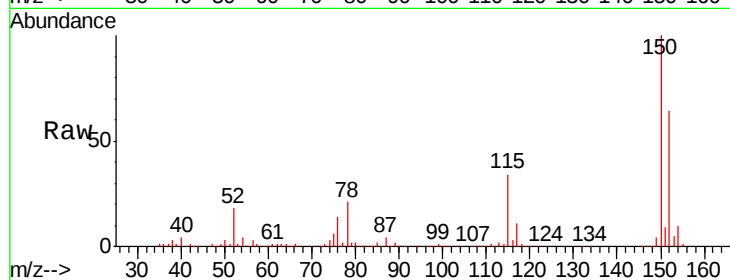
Acq: 15 Oct 2018 16:48

Instrument :

MSVOA_X

ClientSampleId :

PB113825ZHE#03



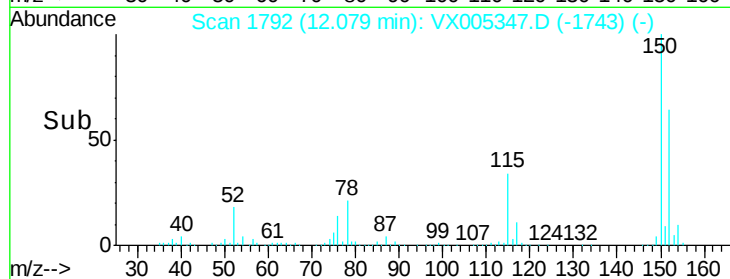
Tgt Ion:152 Resp: 167133

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

150 155.8 0.0 351.0



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

