

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000946.D
 Acq On : 17 Apr 2018 03:43
 Operator : JC/MD
 Sample : PB108244ZHE#15 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108244ZHE#15

Quant Time: Apr 17 07:44:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

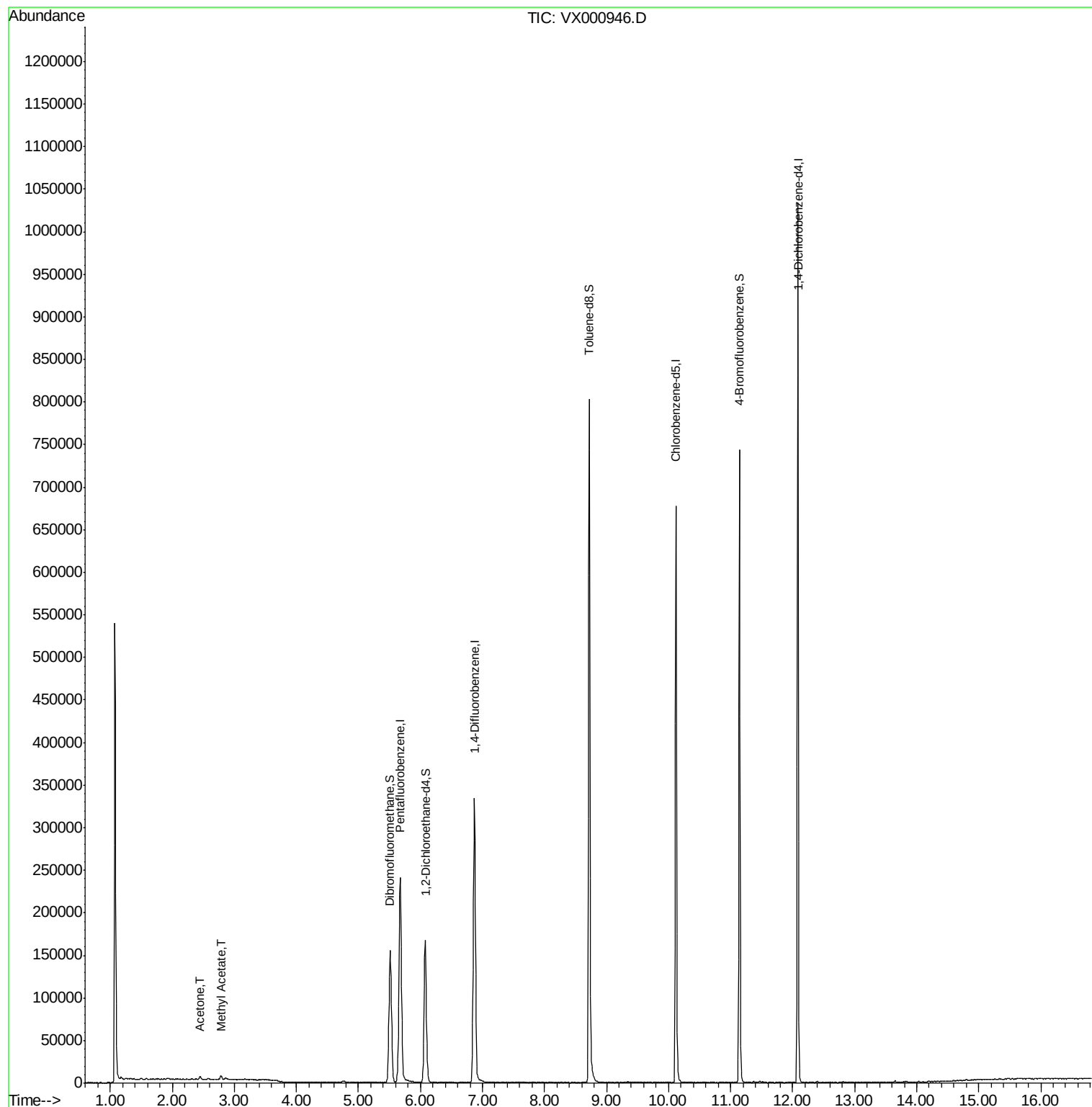
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	160902	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	5.51	113	126388	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
50) Toluene-d8	8.72	98	502027	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	193591	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
16) Acetone	2.45	43	3994	3.52	ug/l	99
18) Methyl Acetate	2.78	43	5468	1.86	ug/l	95

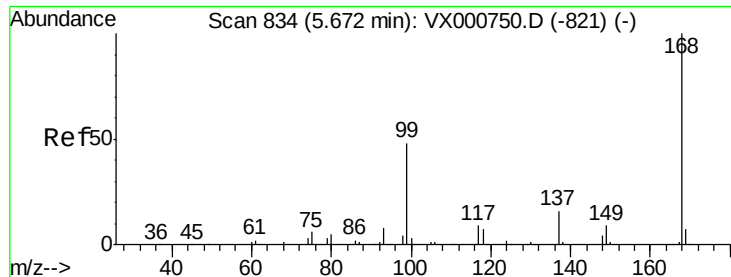
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000946.D

Acq: 17 Apr 2018 03:43

Instrument :

MSVOA_X

ClientSampleId :

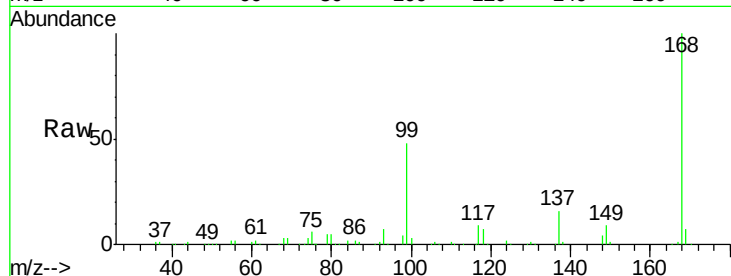
PB108244ZHE#15

Tot Ion:168 Resp: 260632

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

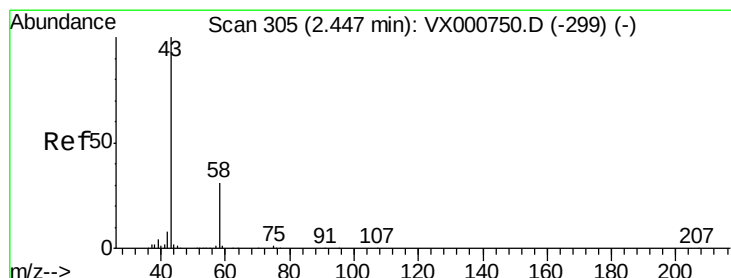
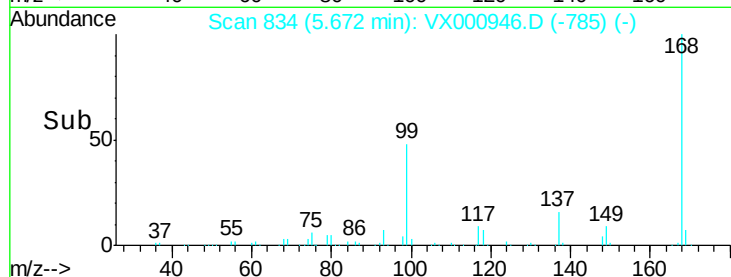
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000946.D

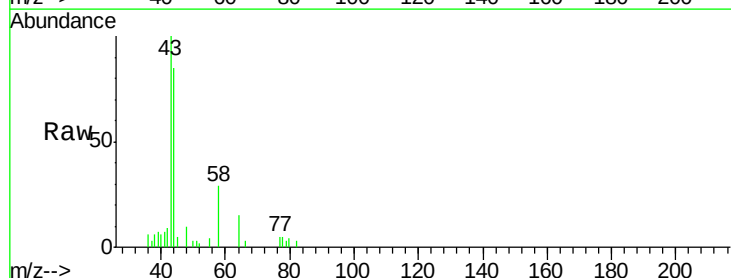
Acq: 17 Apr 2018 03:43

Tgt Ion: 43 Resp: 3994

Ion Ratio Lower Upper

43 100

58 31.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

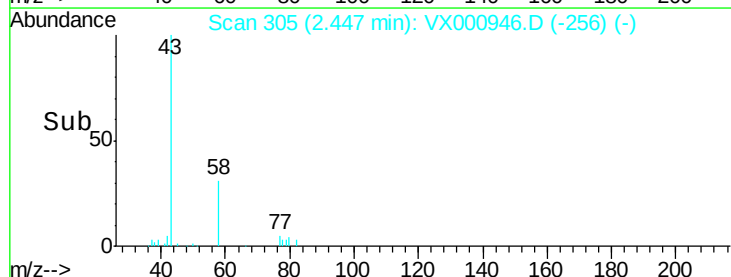
1500

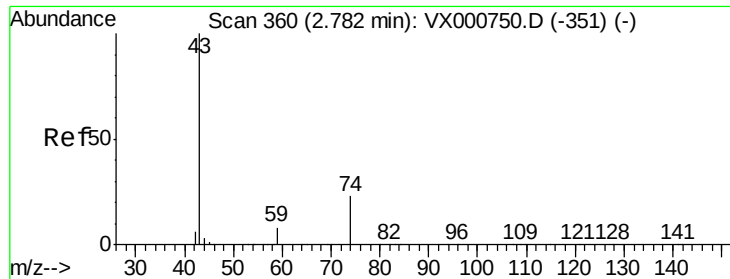
1000

500

0

Time--> 2.40 2.45 2.50

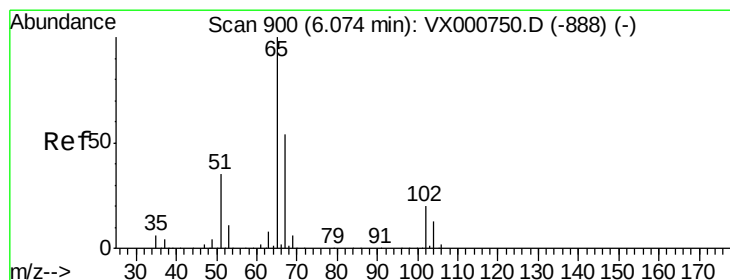
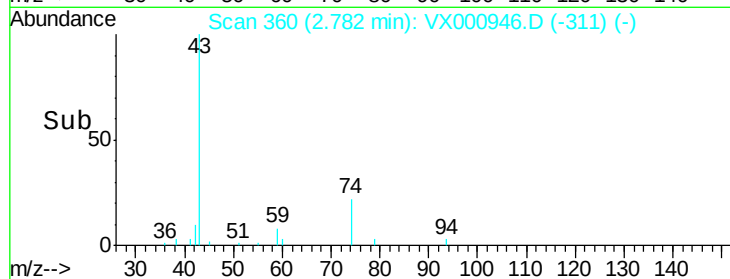
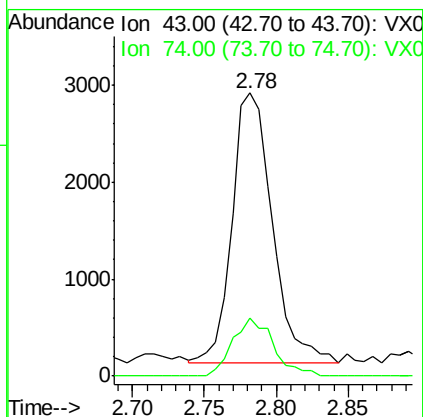
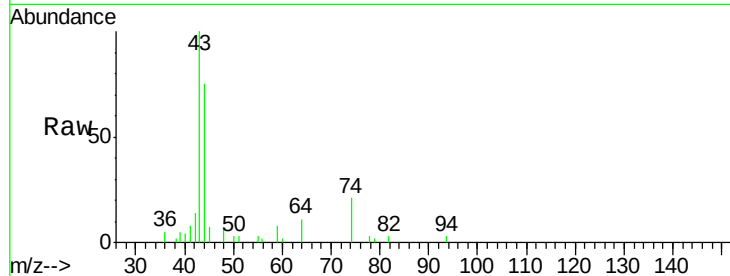




#18
Methvl Acetate
Concen: 1.86 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

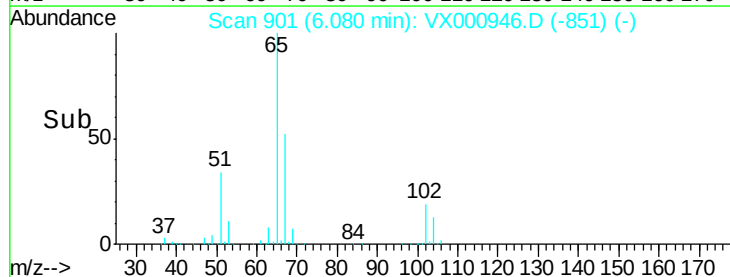
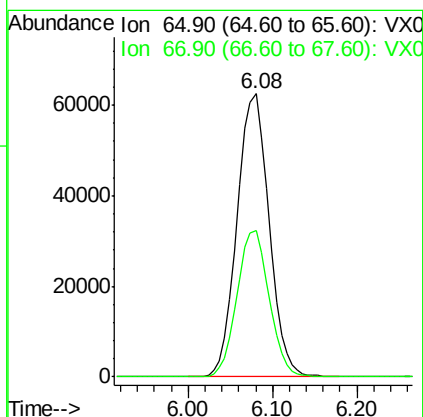
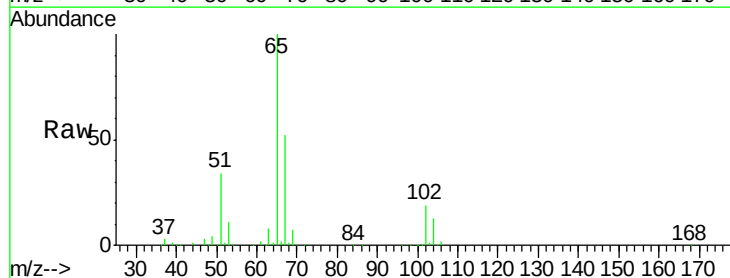
Instrument :
MSVOA_X
ClientSampleId :
PB108244ZHE#15

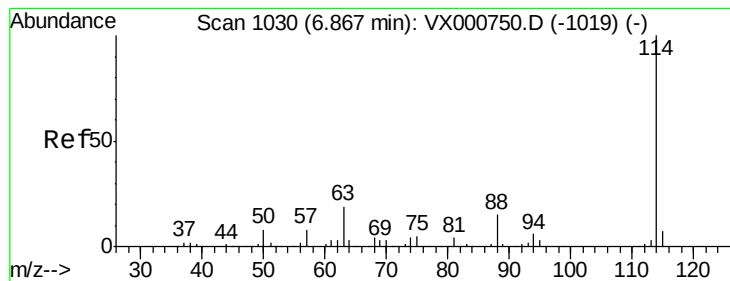
Tot Ion: 43 Resp: 5468
Ion Ratio Lower Upper
43 100
74 21.7 19.1 28.7



#33
1,2-Dichloroethane-d4
Concen: 48.96 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

Tgt Ion: 65 Resp: 160902
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000946.D

Acq: 17 Apr 2018 03:43

Instrument :

MSVOA_X

ClientSampleId :

PB108244ZHE#15

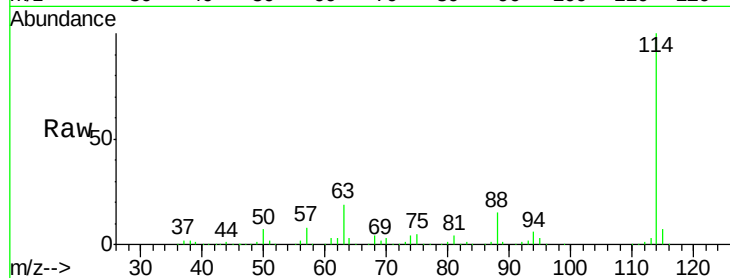
Tot Ion:114 Resp: 359535

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

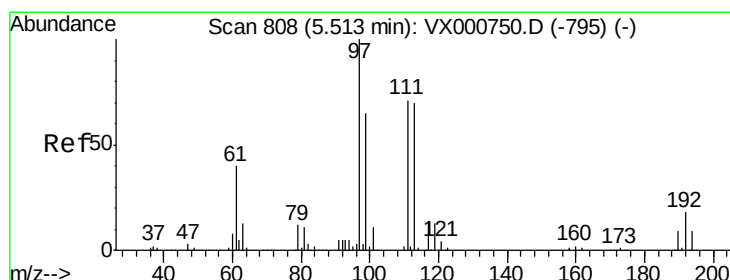
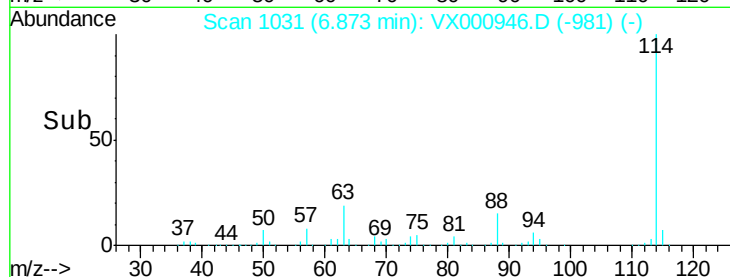
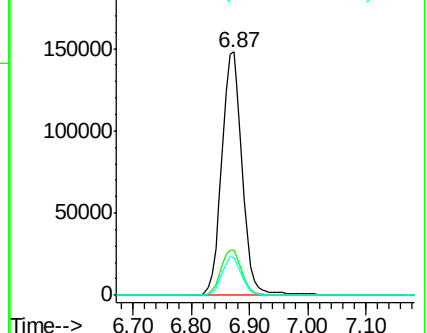
88 15.3 0.0 31.0



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: 45.63 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000946.D

Acq: 17 Apr 2018 03:43

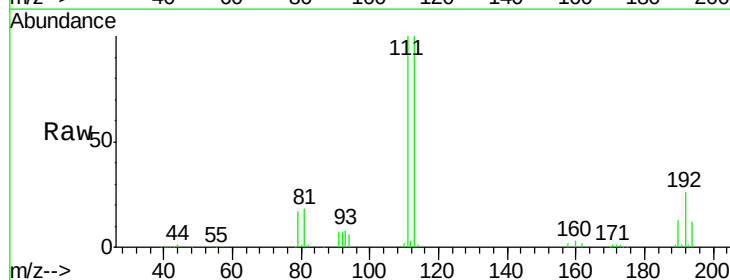
Tgt Ion:113 Resp: 126388

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

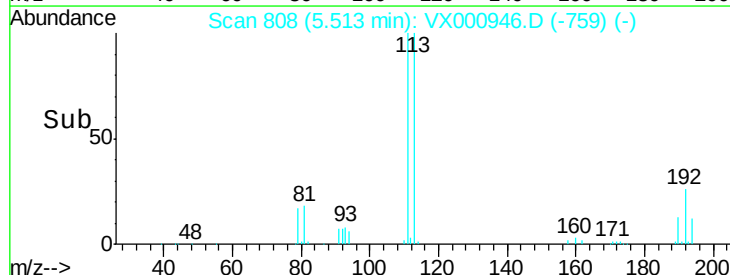
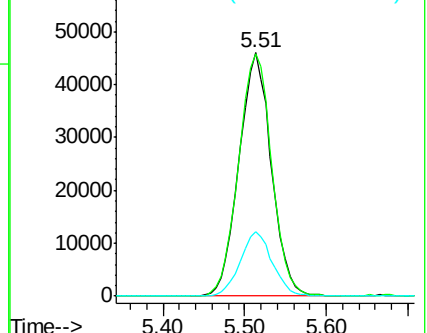
192 26.2 20.4 30.6

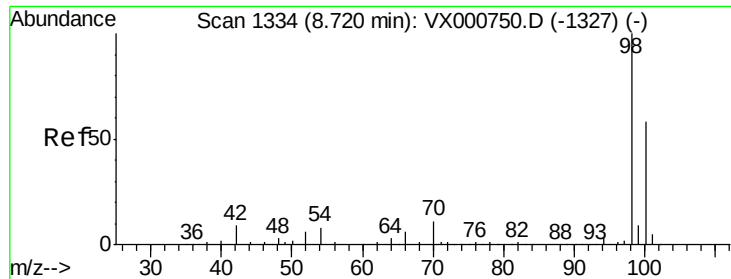


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

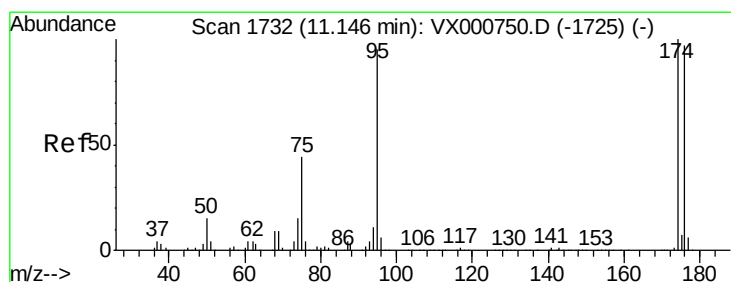
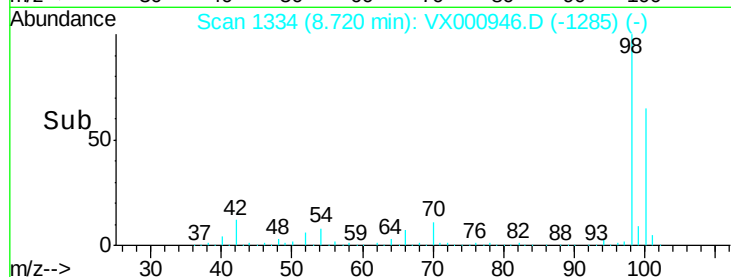
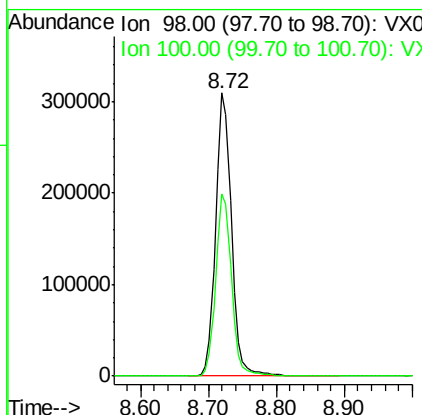
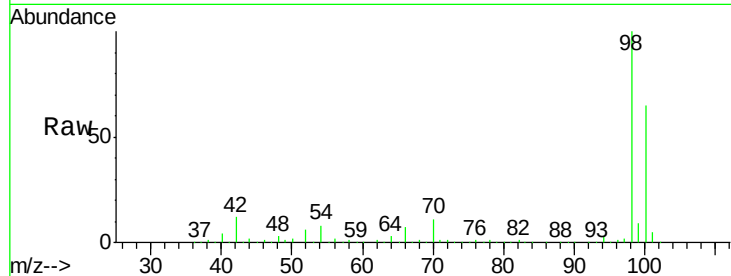




#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

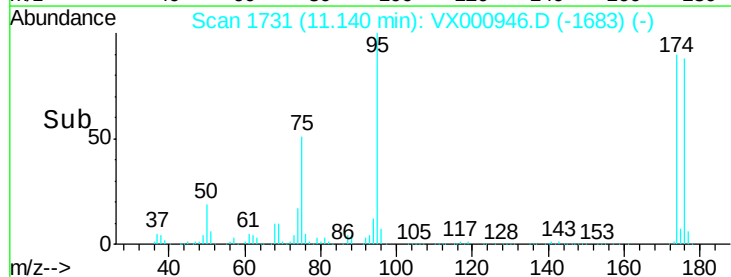
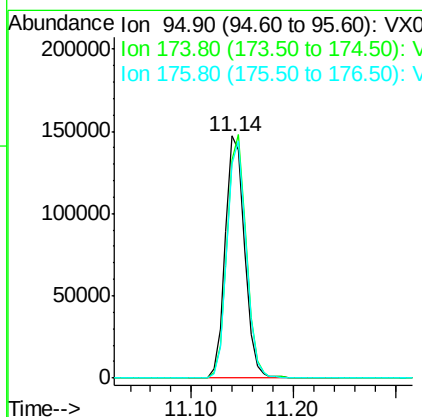
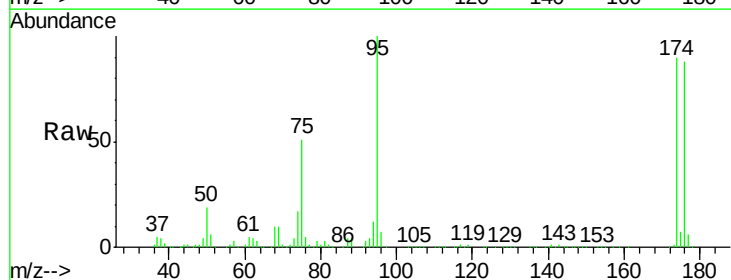
Instrument :
MSVOA_X
ClientSampleId :
PB108244ZHE#15

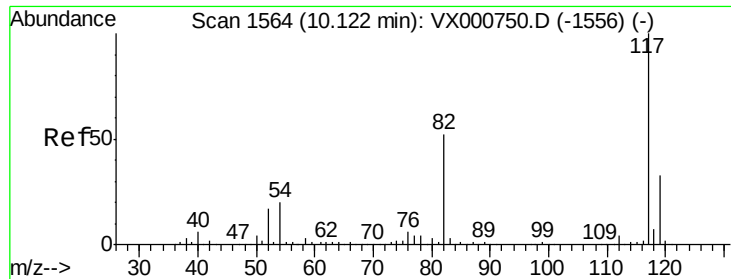
Tot Ion: 98 Resp: 502027
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

Tgt Ion: 95 Resp: 193591
Ion Ratio Lower Upper
95 100
174 98.6 0.0 198.4
176 96.5 0.0 194.4

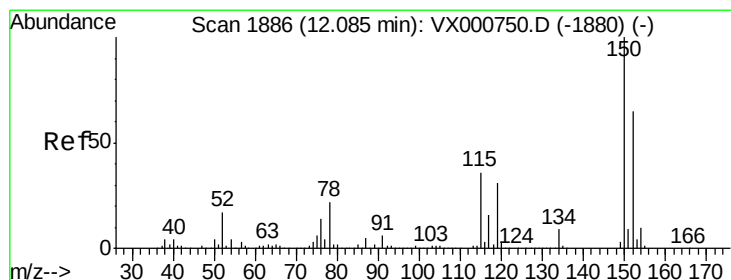
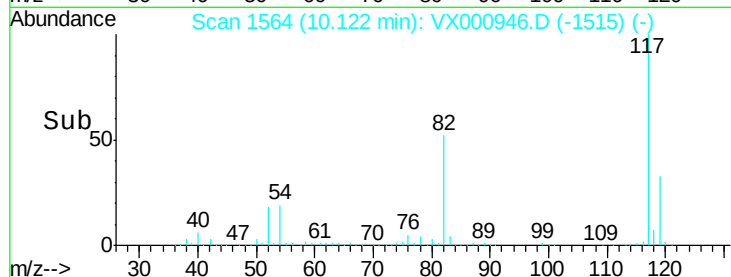
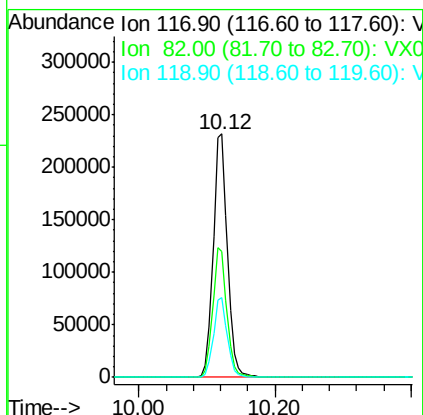
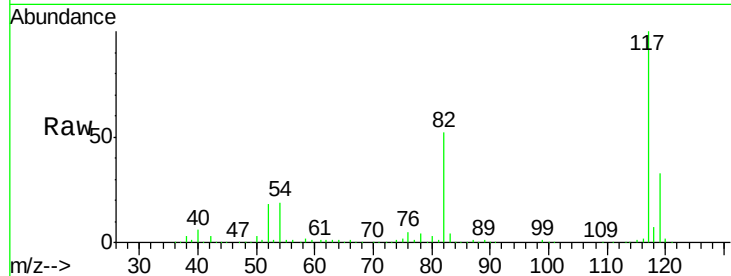




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

Instrument :
MSVOA_X
ClientSampleId :
PB108244ZHE#15

Tot Ion:117 Resp: 335969
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000946.D
Acq: 17 Apr 2018 03:43

Tgt Ion:152 Resp: 217055
Ion Ratio Lower Upper
152 100
115 54.0 37.9 113.7
150 157.1 0.0 348.0

