

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000936.D
 Acq On : 16 Apr 2018 22:38
 Operator : JC/MD
 Sample : PB108244ZHE#07 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108244ZHE#07

Quant Time: Apr 17 07:07:23 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	256463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	156216	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	5.51	113	123439	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
50) Toluene-d8	8.72	98	494668	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	191765	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

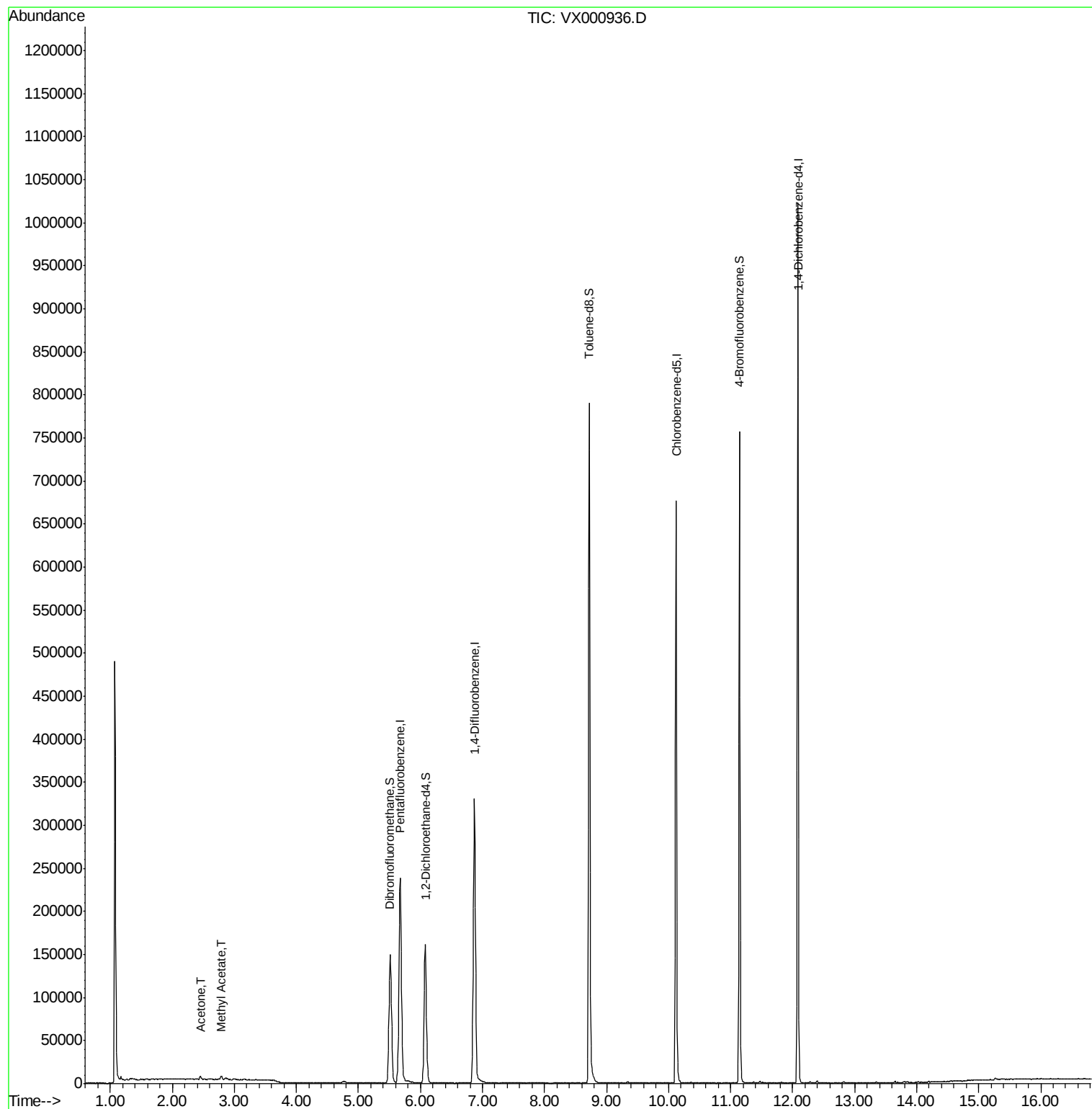
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4054	3.64	ug/l	# 89
18) Methyl Acetate	2.79	43	4876	1.69	ug/l	95

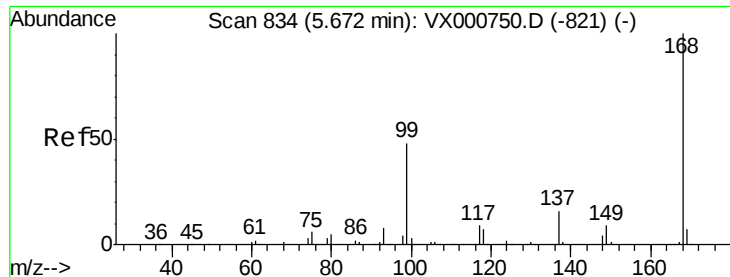
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

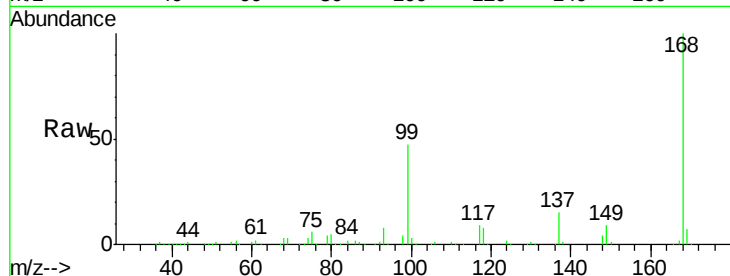
PB108244ZHE#07

Tot Ion:168 Resp: 256463

Ion Ratio Lower Upper

168 100

99 47.2 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

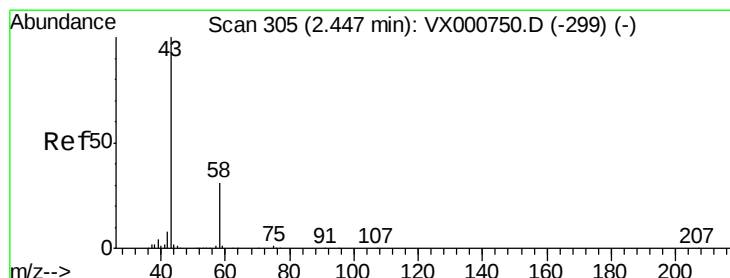
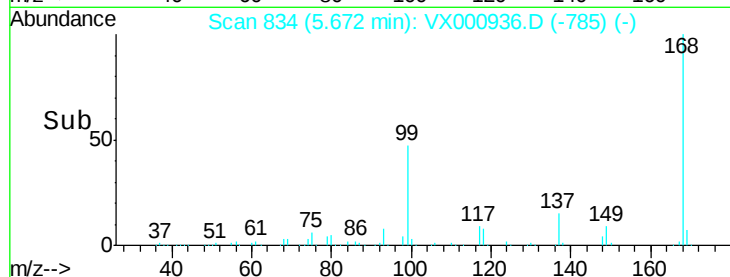
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 3.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000936.D

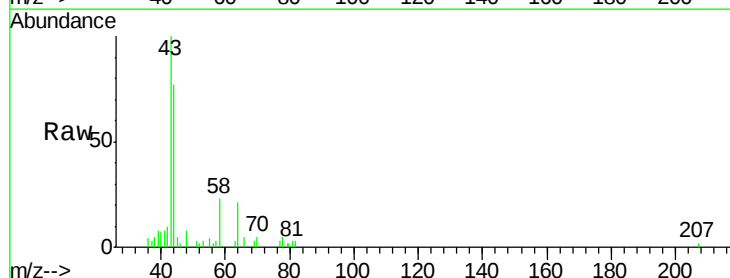
Acq: 16 Apr 2018 22:38

Tgt Ion: 43 Resp: 4054

Ion Ratio Lower Upper

43 100

58 24.6 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

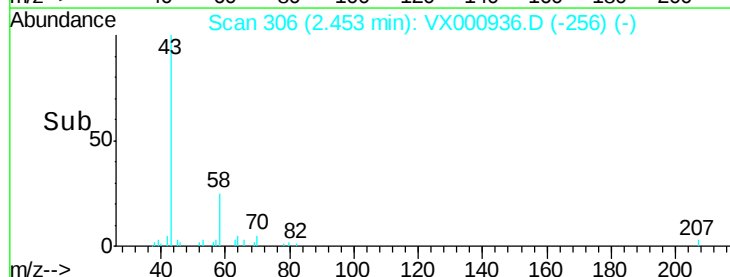
1000

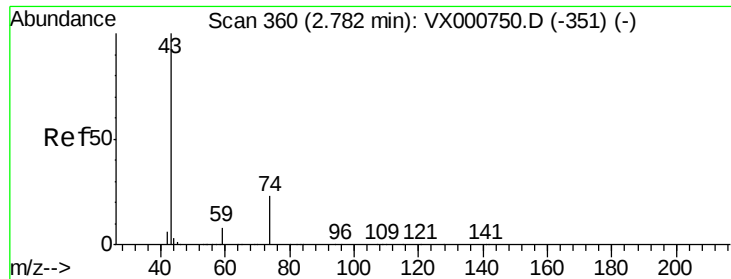
500

0

Time-->

2.40 2.45 2.50

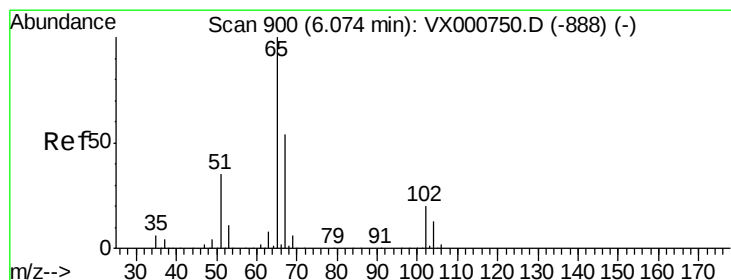
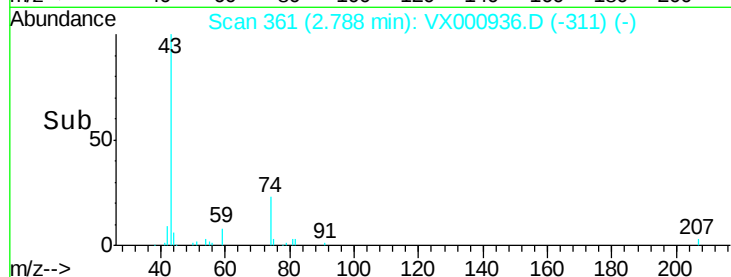
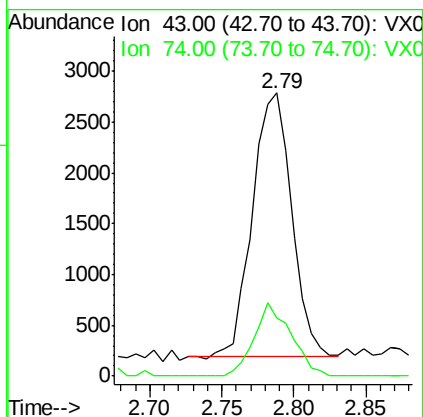
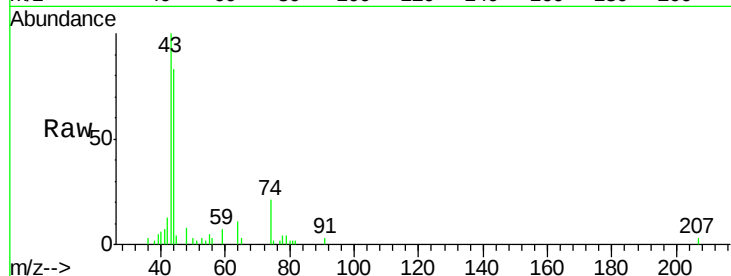




#18
Methvl Acetate
Concen: 1.69 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000936.D
Acq: 16 Apr 2018 22:38

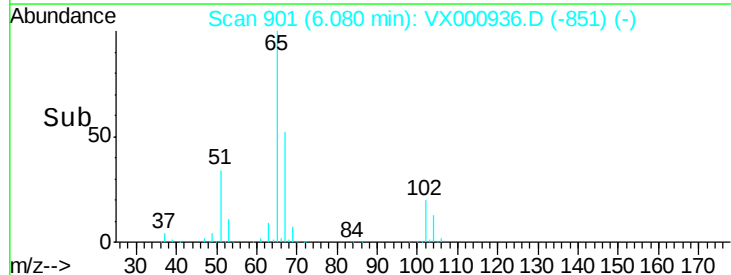
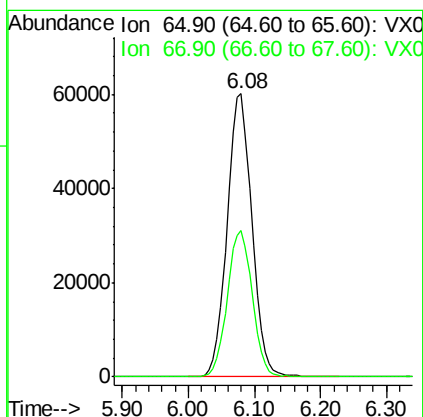
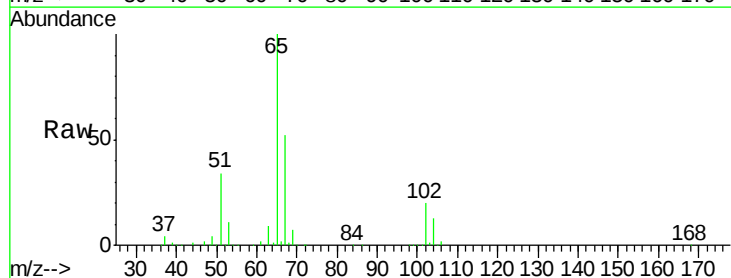
Instrument :
MSVOA_X
ClientSampleId :
PB108244ZHE#07

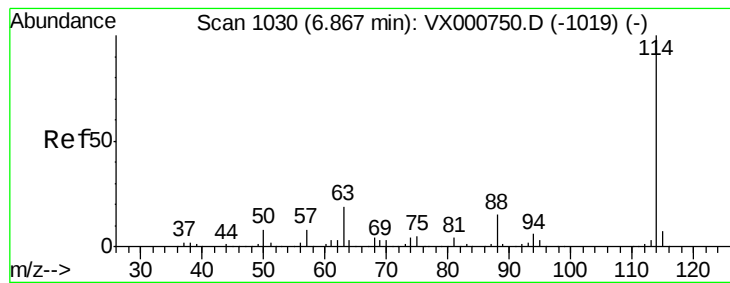
Tot Ion: 43 Resp: 4876
Ion Ratio Lower Upper
43 100
74 26.3 19.1 28.7



#33
1,2-Dichloroethane-d4
Concen: 48.31 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000936.D
Acq: 16 Apr 2018 22:38

Tgt Ion: 65 Resp: 156216
Ion Ratio Lower Upper
65 100
67 52.1 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: VX000936.D

Acq: 16 Apr 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

PB108244ZHE#07

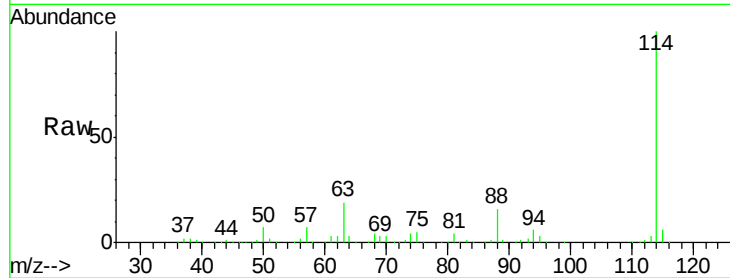
Tot Ion:114 Resp: 354872

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

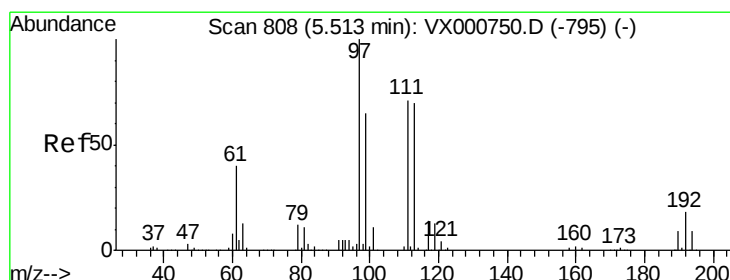
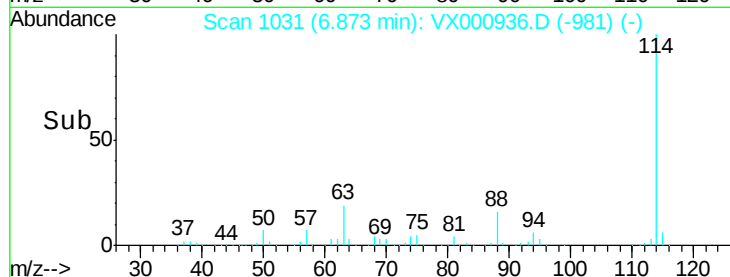
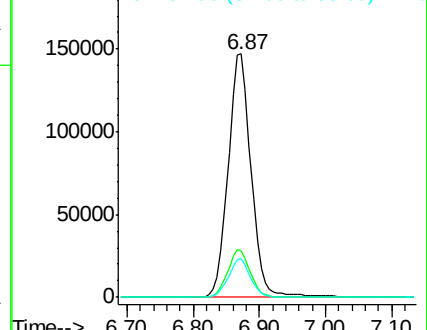
88 15.8 0.0 31.0



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: 45.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

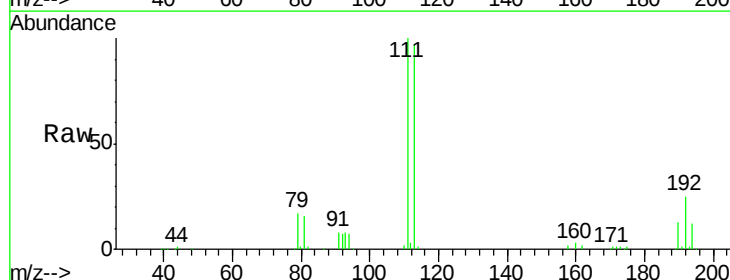
Tgt Ion:113 Resp: 123439

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

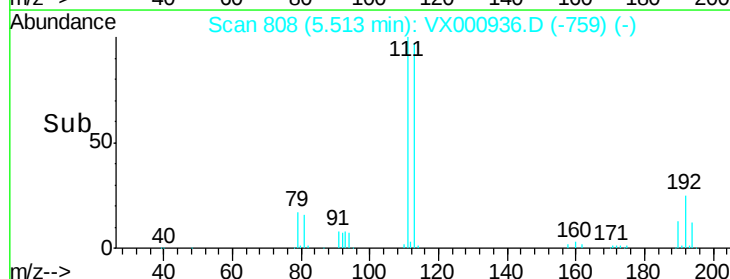
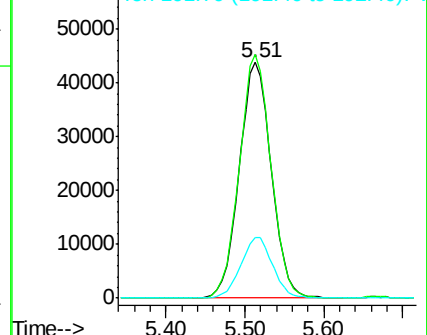
192 25.8 20.4 30.6

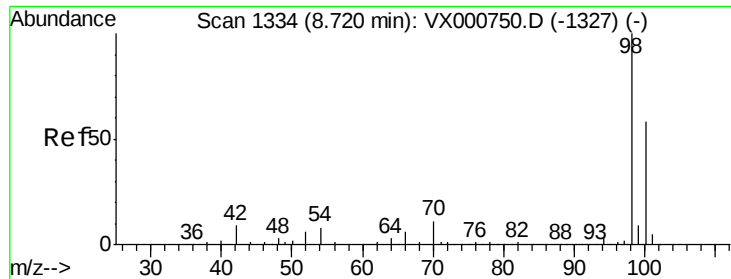


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

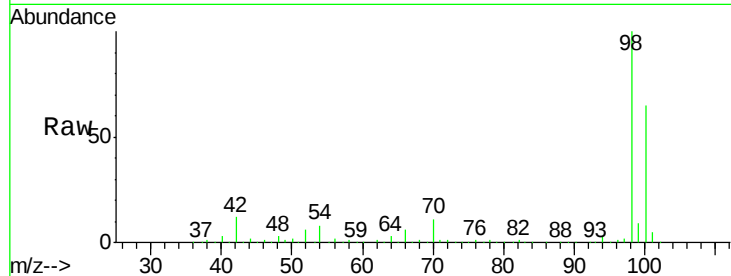
PB108244ZHE#07

Tot Ion: 98 Resp: 494668

Ion Ratio Lower Upper

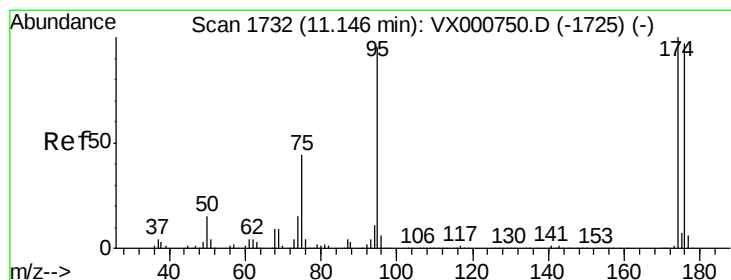
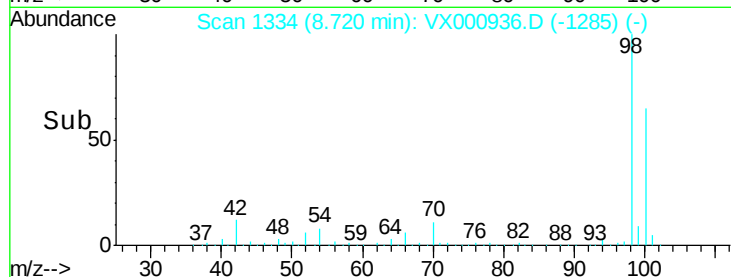
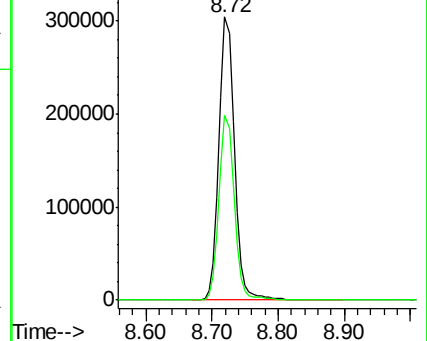
98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

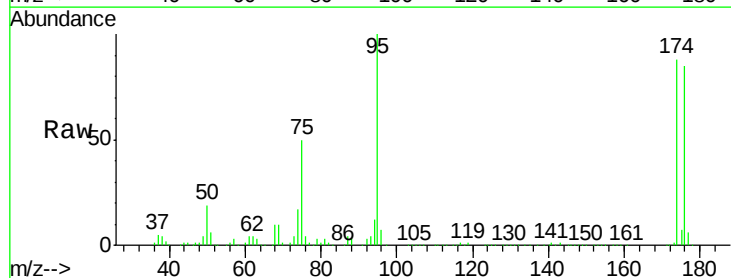
Tgt Ion: 95 Resp: 191765

Ion Ratio Lower Upper

95 100

174 98.7 0.0 198.4

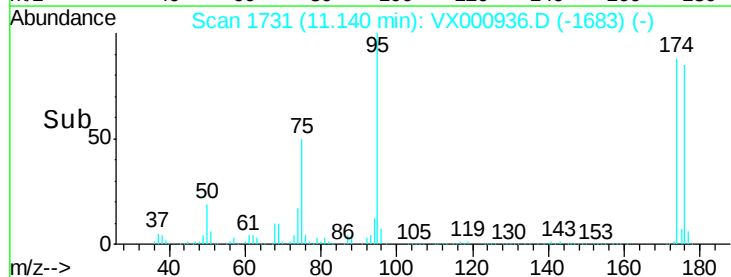
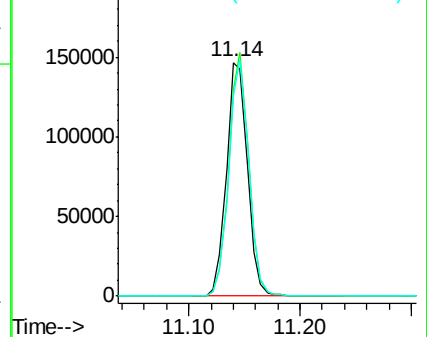
176 96.4 0.0 194.4

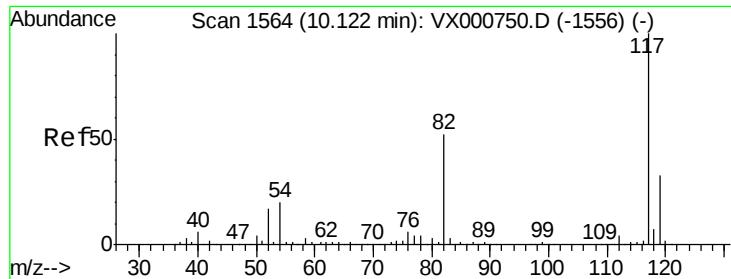


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

PB108244ZHE#07

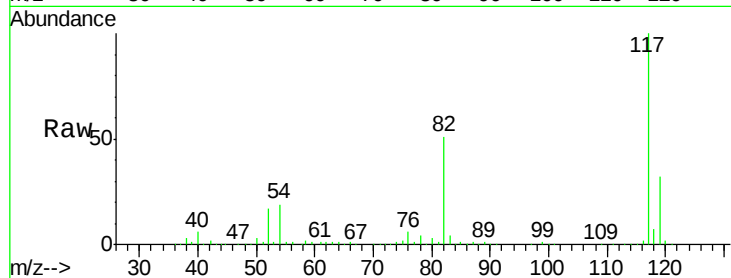
Tot Ion:117 Resp: 330512

Ion Ratio Lower Upper

117 100

82 51.4 41.9 62.9

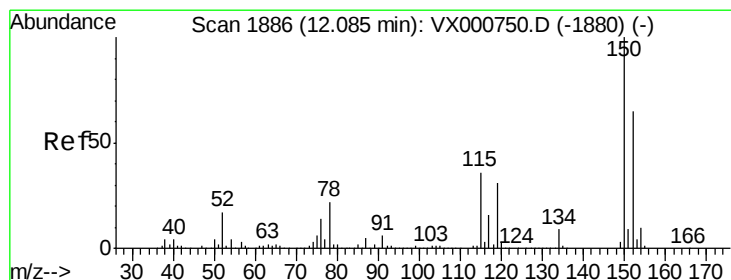
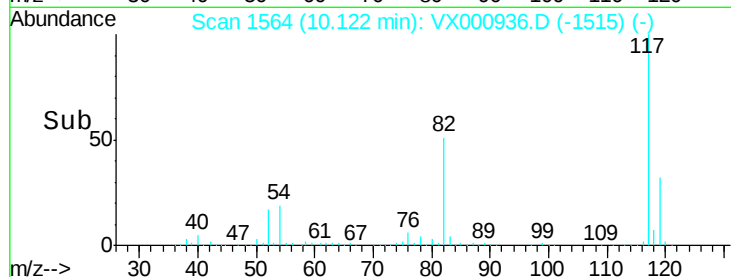
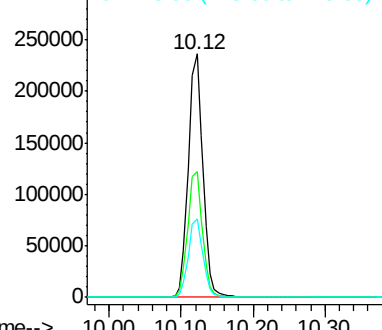
119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000936.D

Acq: 16 Apr 2018 22:38

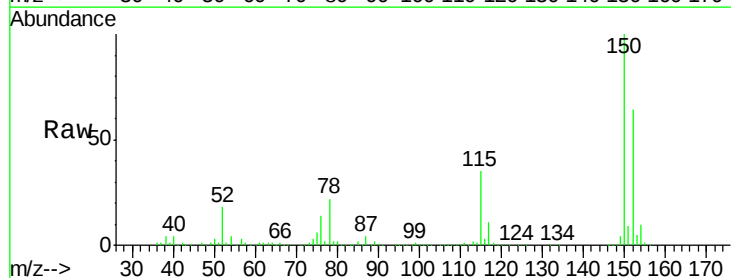
Tgt Ion:152 Resp: 218065

Ion Ratio Lower Upper

152 100

115 54.0 37.9 113.7

150 157.0 0.0 348.0



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

