

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001997.D
 Acq On : 26 May 2018 01:03
 Operator : JC/MD
 Sample : PB109661ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109661ZHE#05

Quant Time: May 26 04:33:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

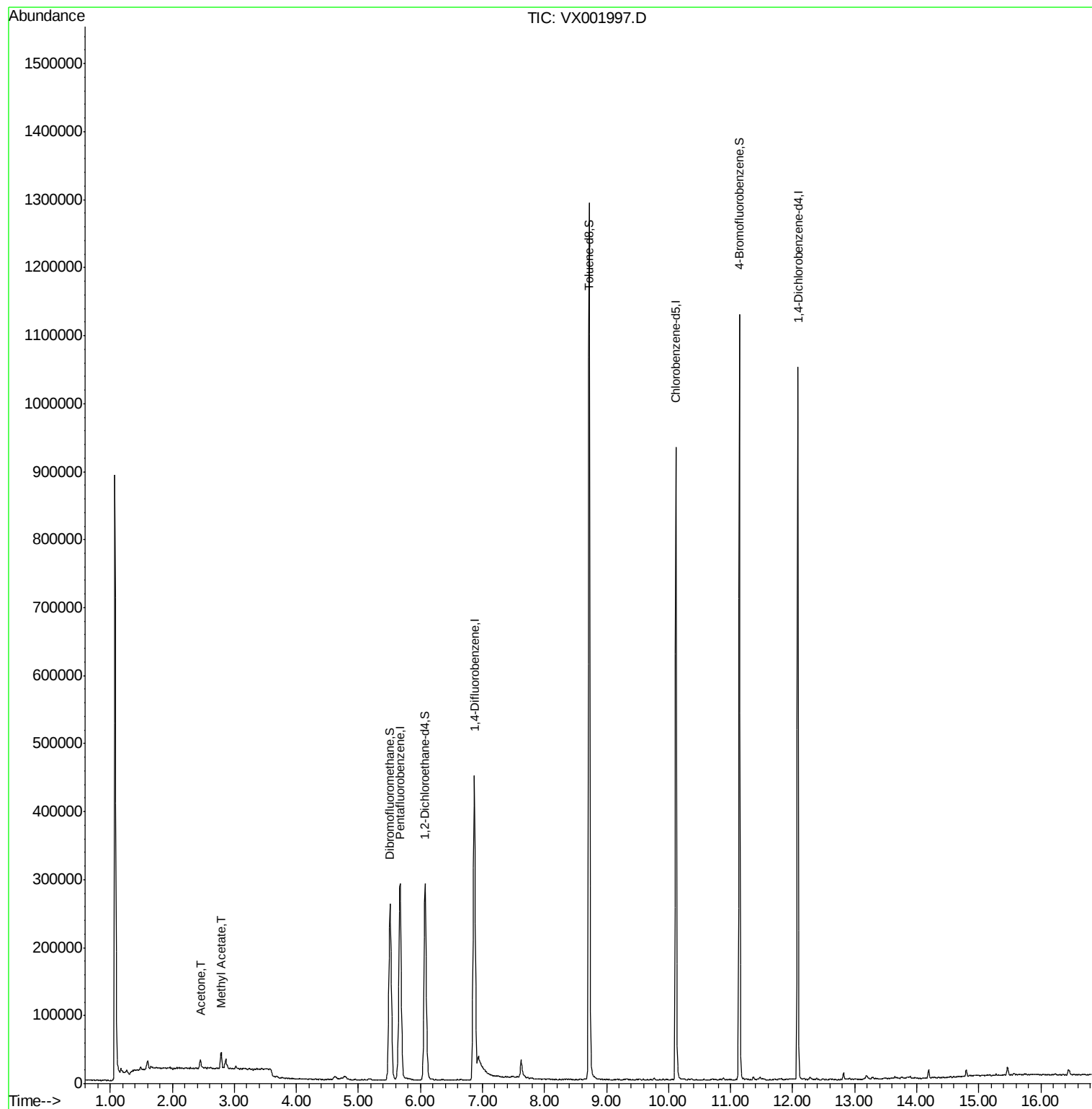
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	276721	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	5.51	113	212810	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	8.72	98	750264	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.14	95	275919	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
Target Compounds						
16) Acetone	2.45	43	14684	7.269	ug/l	97
18) Methyl Acetate	2.79	43	29400	5.019	ug/l	100

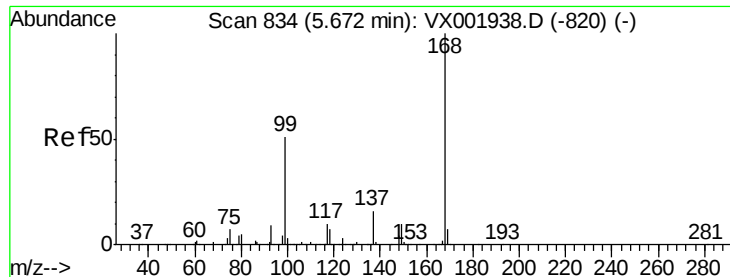
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001997.D

Acq: 26 May 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

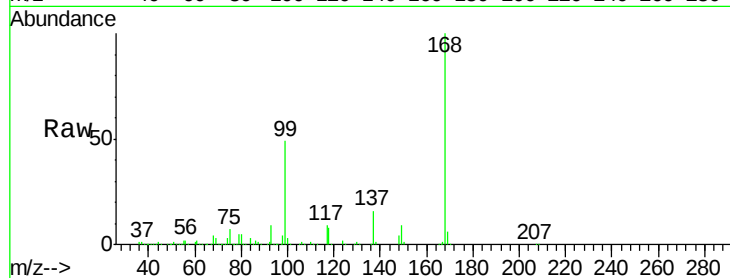
PB109661ZHE#05

Tot Ion:168 Resp: 292828

Ion Ratio Lower Upper

168 100

99 49.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

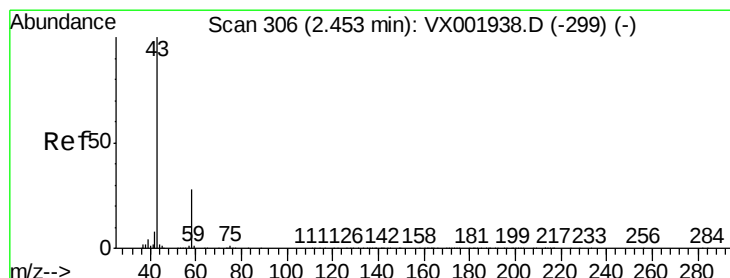
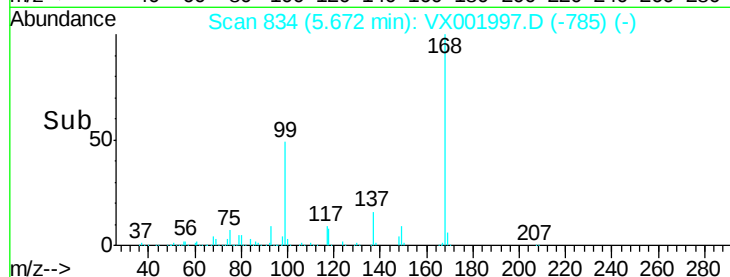
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.269 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001997.D

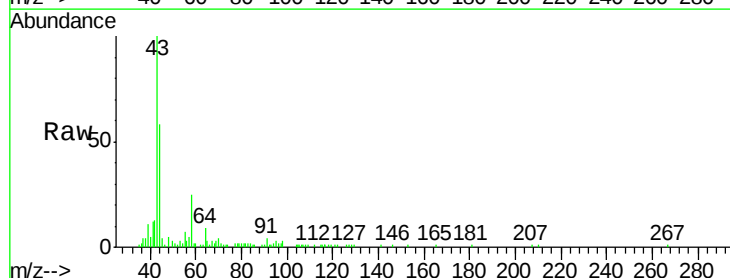
Acq: 26 May 2018 01:03

Tgt Ion: 43 Resp: 14684

Ion Ratio Lower Upper

43 100

58 26.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

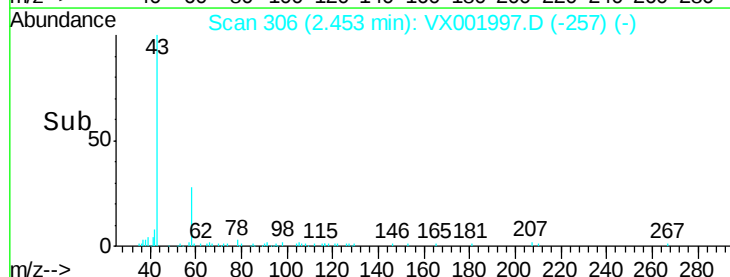
6000

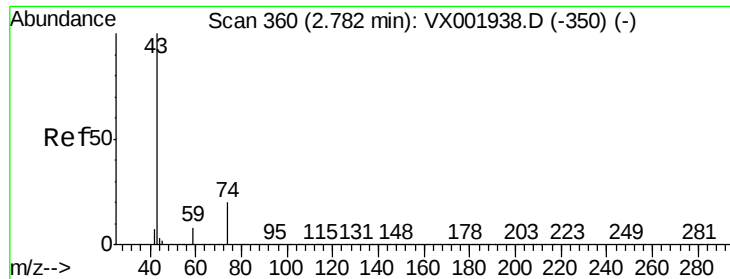
4000

2000

0

Time--> 2.40 2.45 2.50

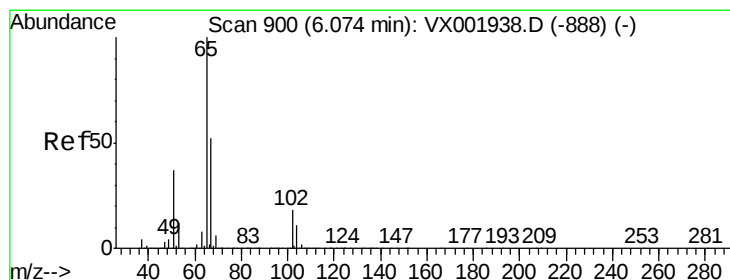
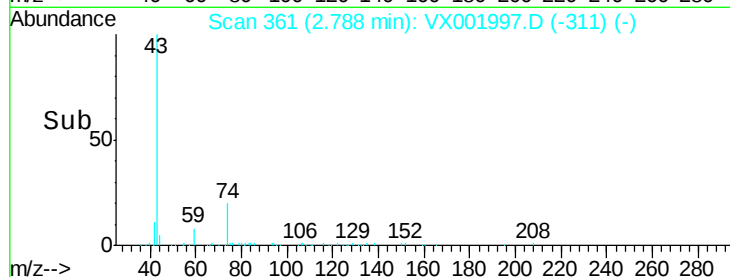
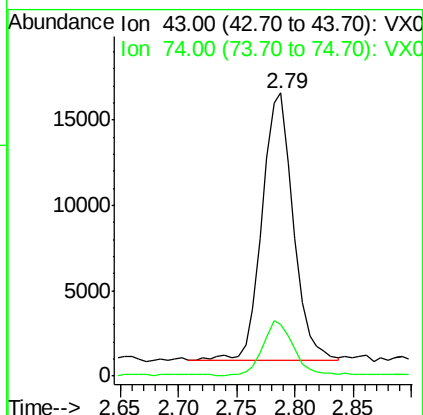
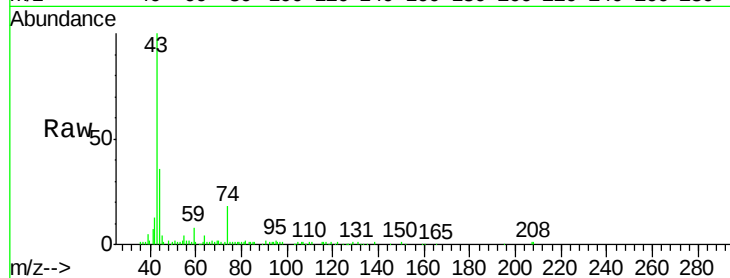




#18
Methvl Acetate
Concen: 5.019 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001997.D
Acq: 26 May 2018 01:03

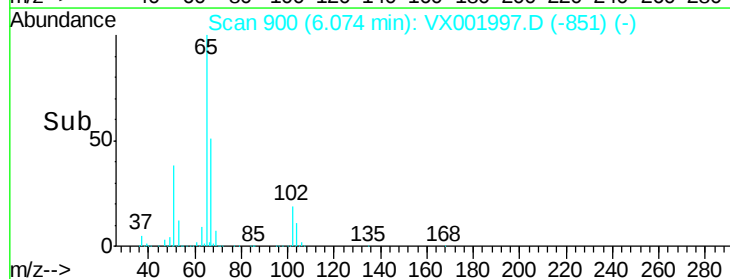
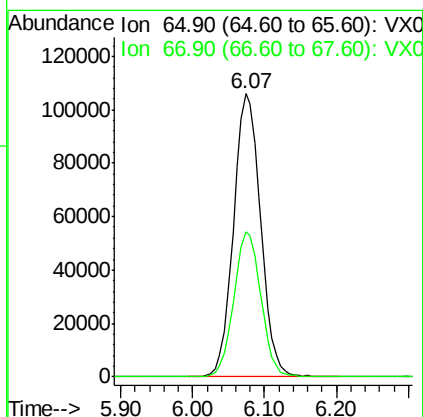
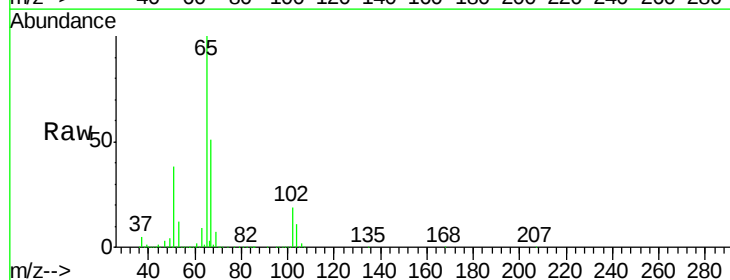
Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#05

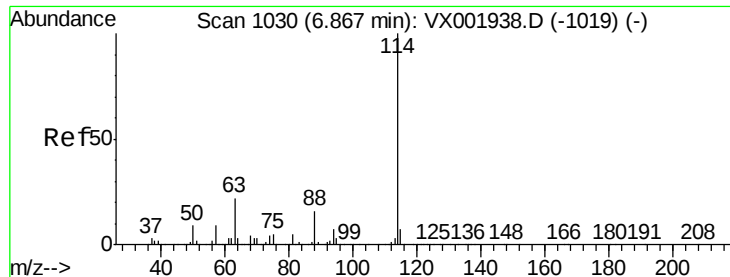
Tot Ion: 43 Resp: 29400
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 52.867 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001997.D
Acq: 26 May 2018 01:03

Tgt Ion: 65 Resp: 276721
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001997.D

Acq: 26 May 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

PB109661ZHE#05

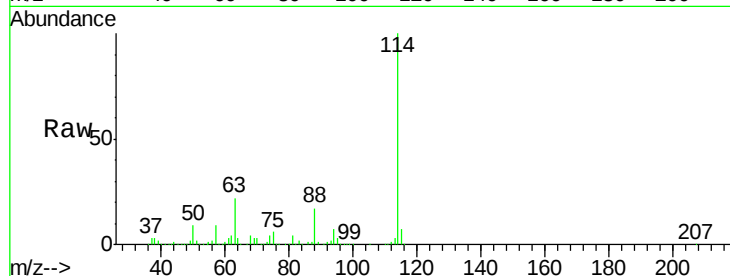
Tot Ion:114 Resp: 444440

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

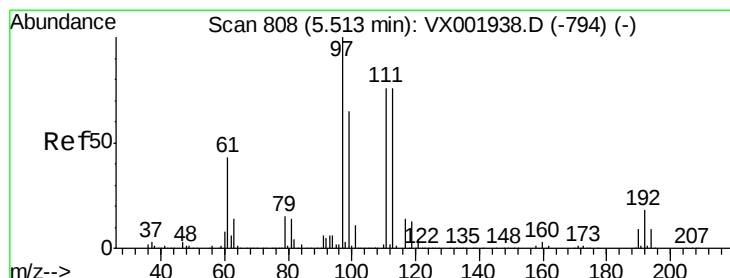
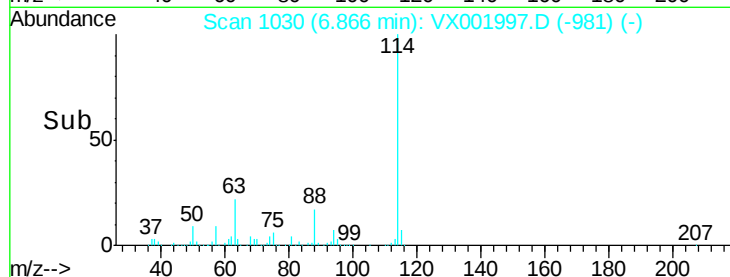
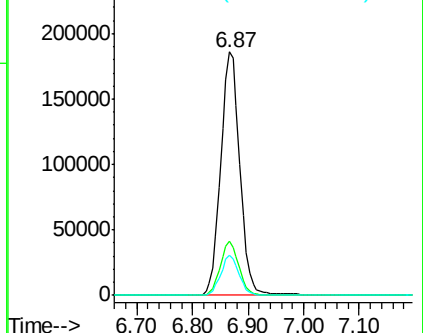
88 16.6 0.0 31.6



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: 47.883 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001997.D

Acq: 26 May 2018 01:03

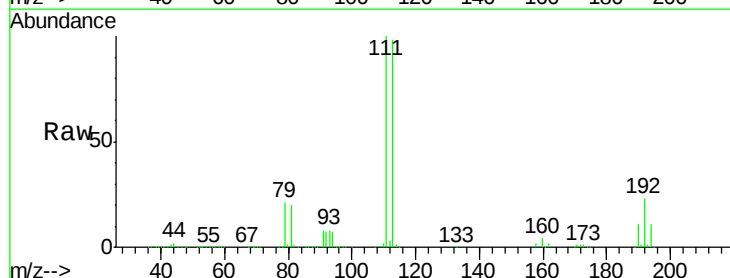
Tgt Ion:113 Resp: 212810

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

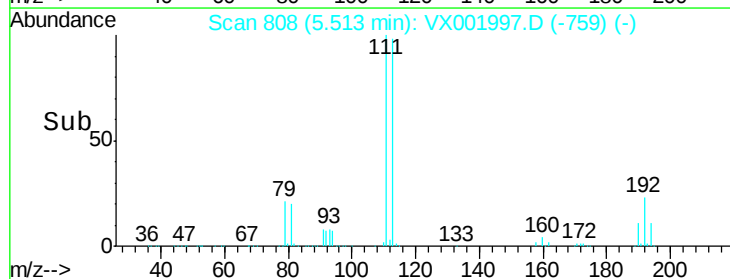
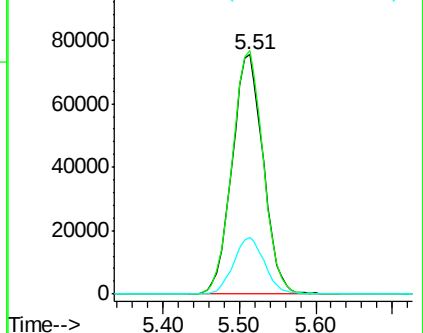
192 23.6 18.9 28.3

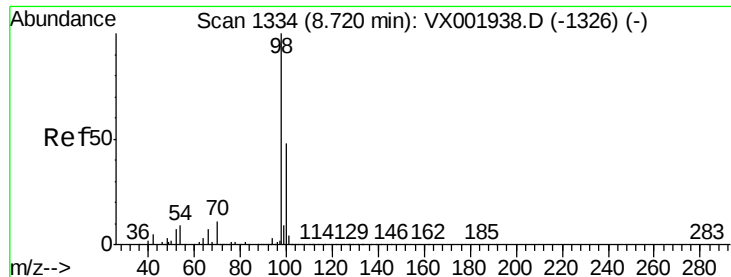


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.628 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001997.D

Acq: 26 May 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

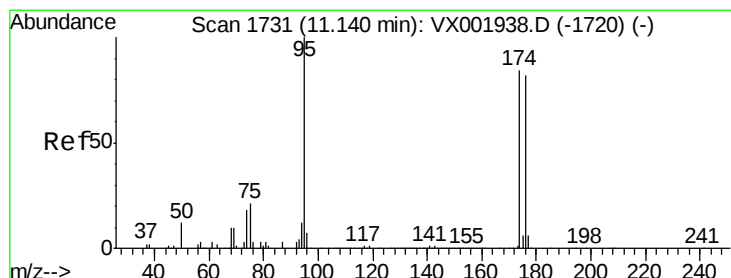
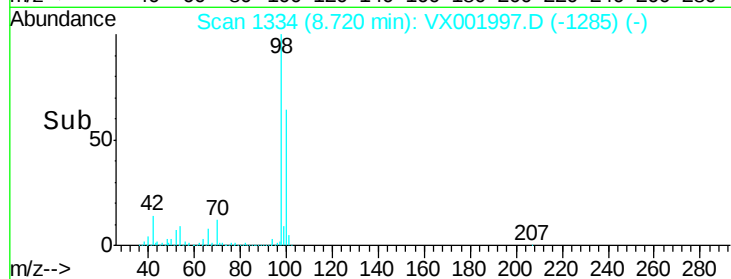
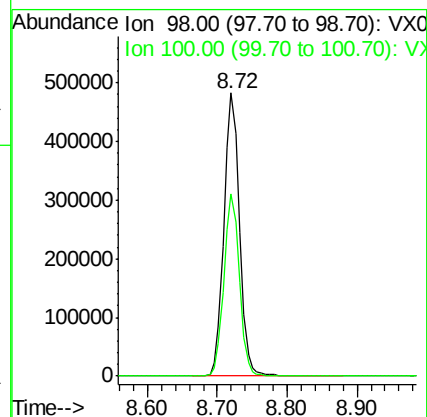
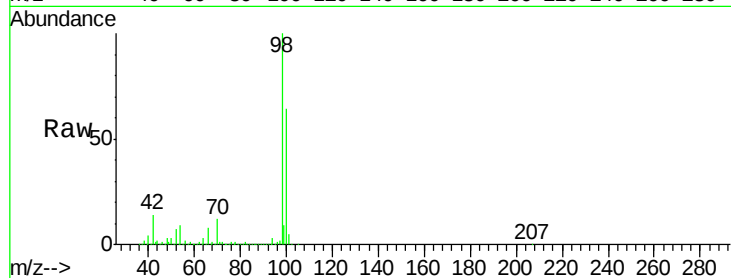
PB109661ZHE#05

Tot Ion: 98 Resp: 750264

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 43.828 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001997.D

Acq: 26 May 2018 01:03

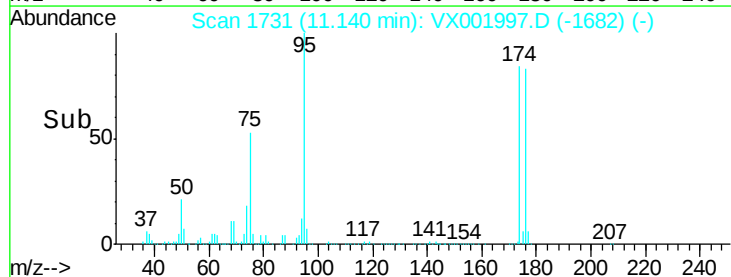
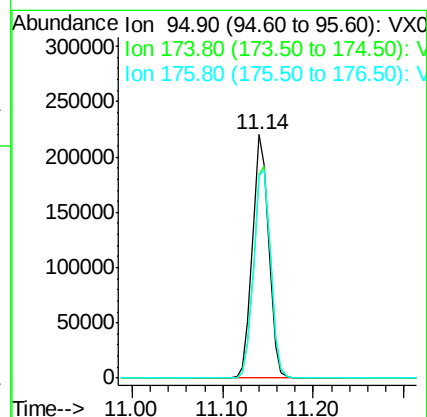
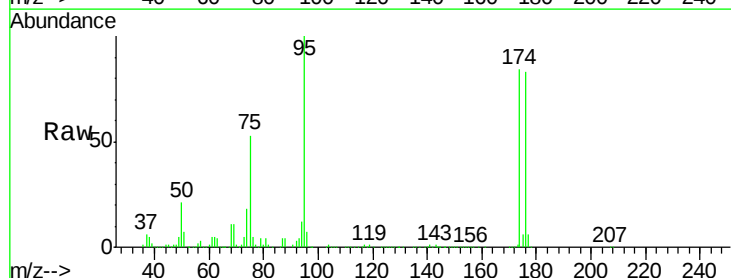
Tgt Ion: 95 Resp: 275919

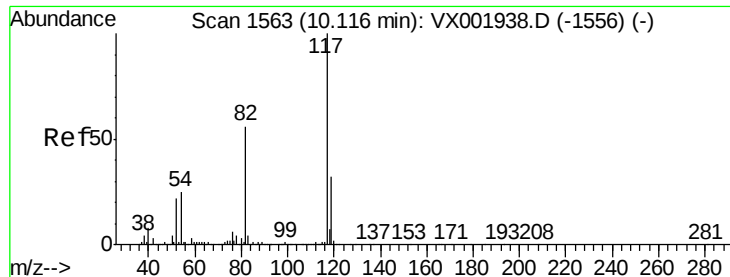
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

176 89.0 0.0 175.6

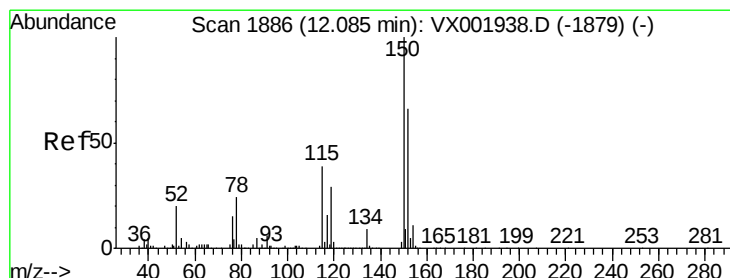
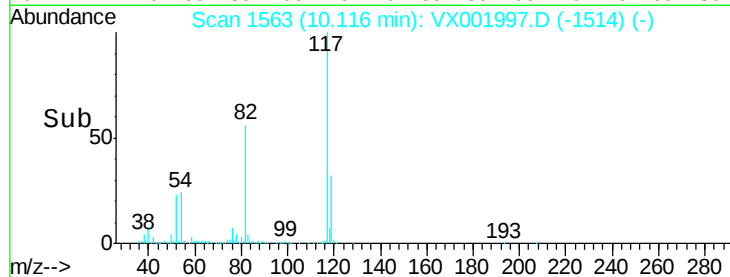
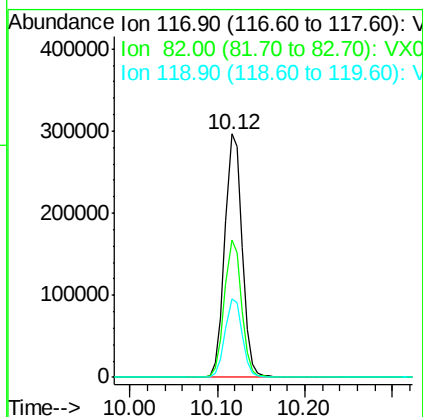
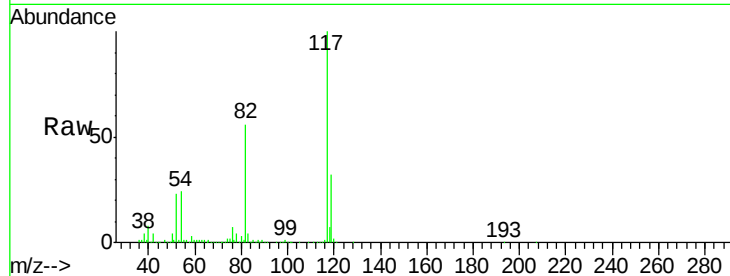




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001997.D
Acq: 26 May 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#05

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.8	67.2
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001997.D
Acq: 26 May 2018 01:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	42.3	126.8
150	156.8	0.0	351.0

