

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005570.D
 Acq On : 25 Oct 2018 04:58
 Operator : JC/MD
 Sample : J5642-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200044

Quant Time: Oct 25 06:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

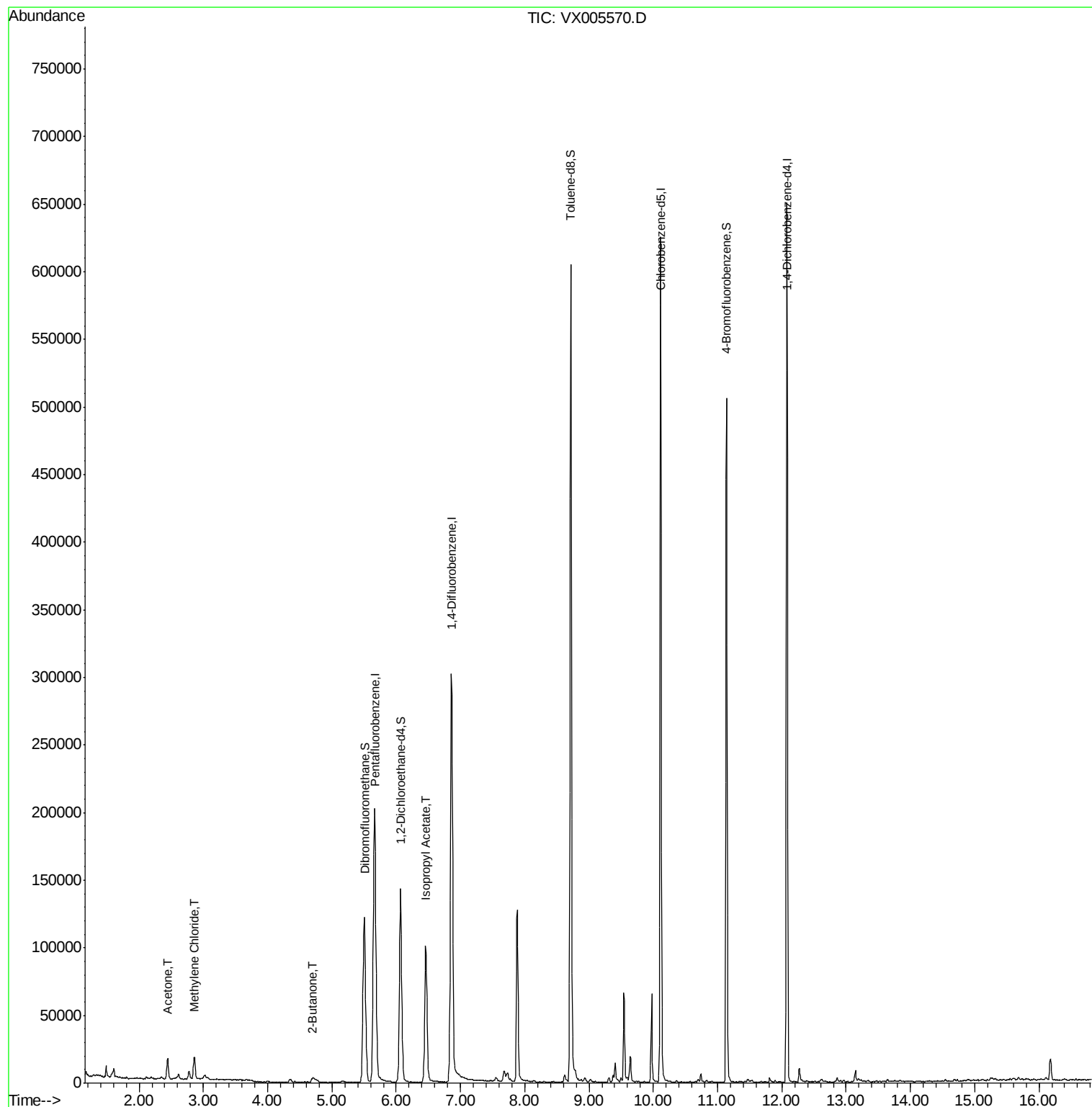
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	205918	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	316172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131610	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	106400	49.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	377839	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	124141	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
16) Acetone	2.45	43	17201	12.950	ug/l	95
20) Methylene Chloride	2.86	84	7487	3.366	ug/l	98
25) 2-Butanone	4.70	43	6427	3.178	ug/l	92
43) Isopropyl Acetate	6.46	43	132810	22.636	ug/l	96

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.01 min

Lab File: VX005570.D

Acq: 25 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

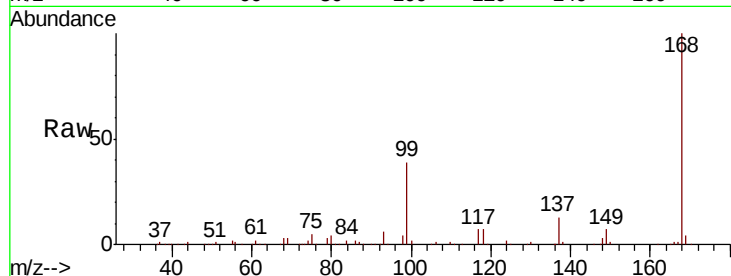
RBR200044

Tot Ion:168 Resp: 205918

Ion Ratio Lower Upper

168 100

99 39.3 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

80000

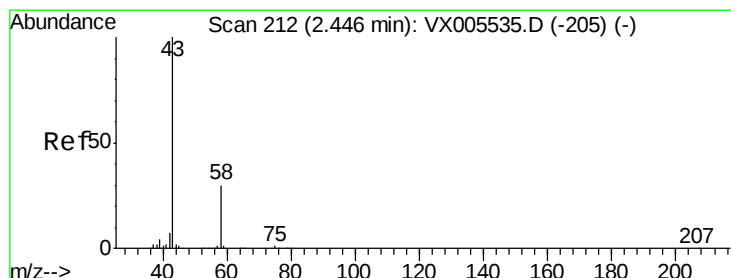
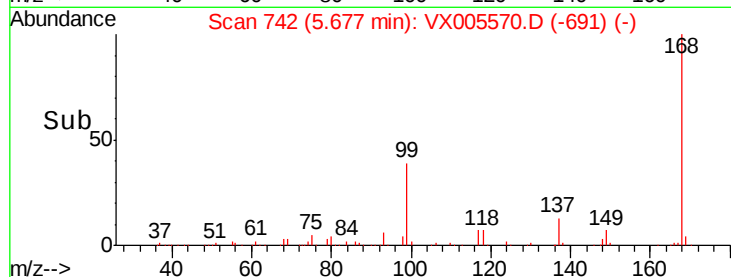
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.950 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005570.D

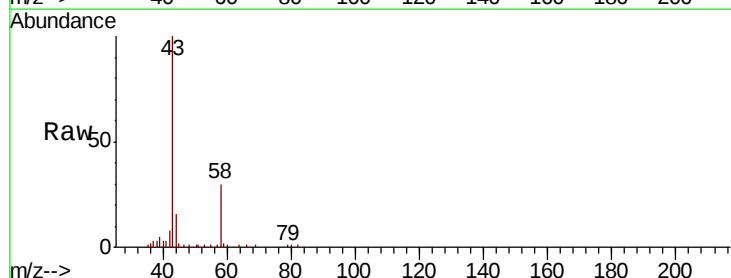
Acq: 25 Oct 2018 04:58

Tgt Ion: 43 Resp: 17201

Ion Ratio Lower Upper

43 100

58 29.8 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

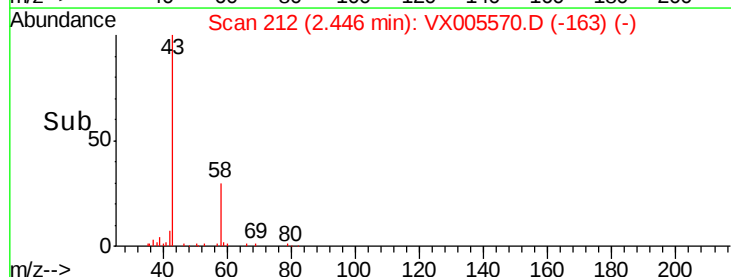
6000

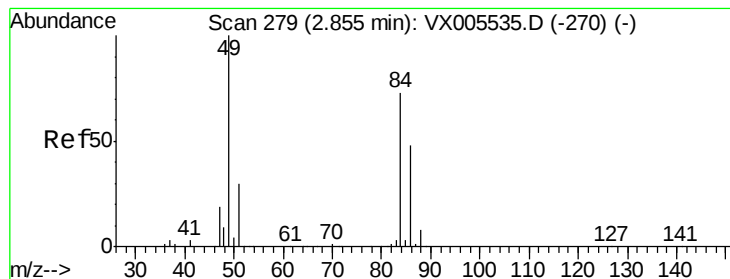
4000

2000

0

Time--> 2.30 2.40 2.50





#20

Methvlene Chloride

Concen: 3.366 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005570.D

Acq: 25 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

RBR200044

Tot Ion: 84 Resp: 7487

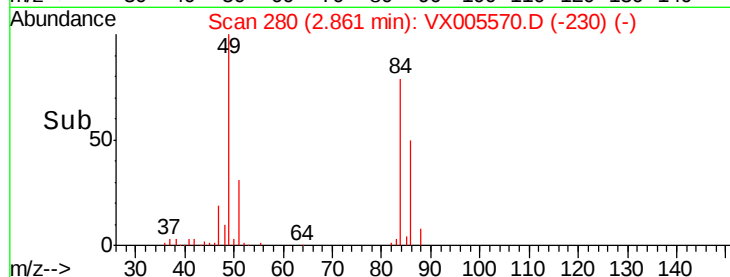
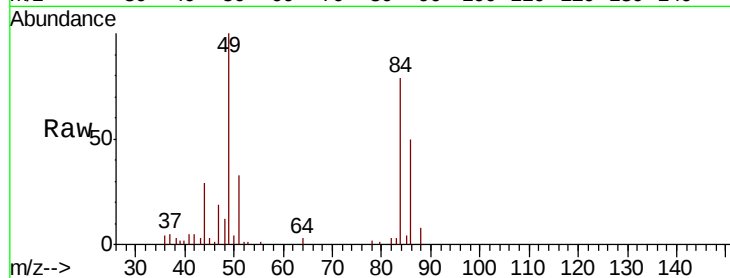
Ion Ratio Lower Upper

84 100

49 126.8 101.2 151.8

51 41.3 29.5 44.3

86 62.8 52.3 78.5

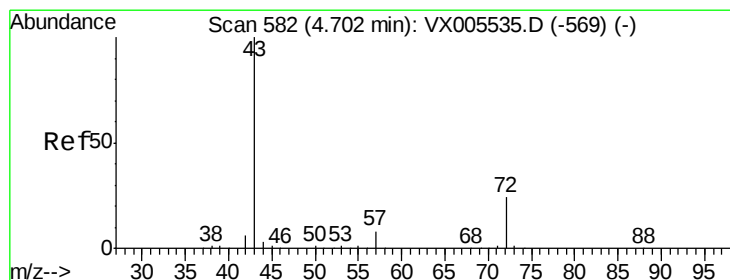
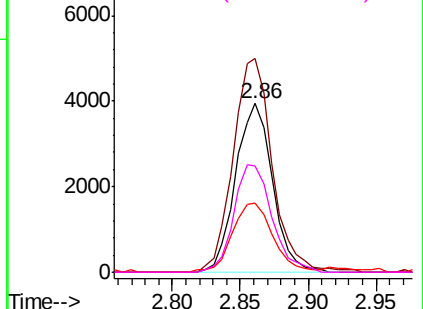


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.178 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005570.D

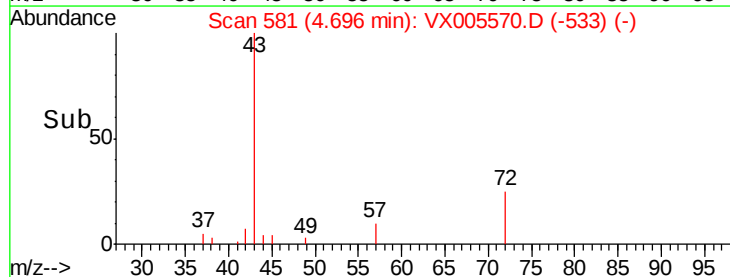
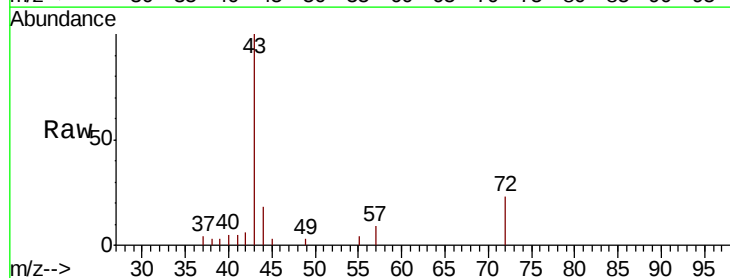
Acq: 25 Oct 2018 04:58

Tgt Ion: 43 Resp: 6427

Ion Ratio Lower Upper

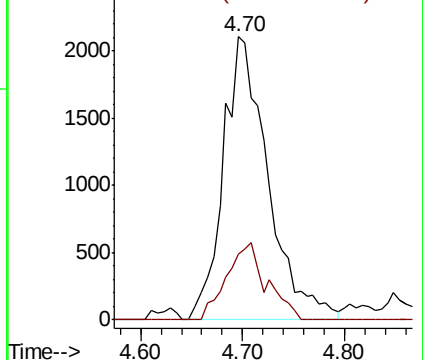
43 100

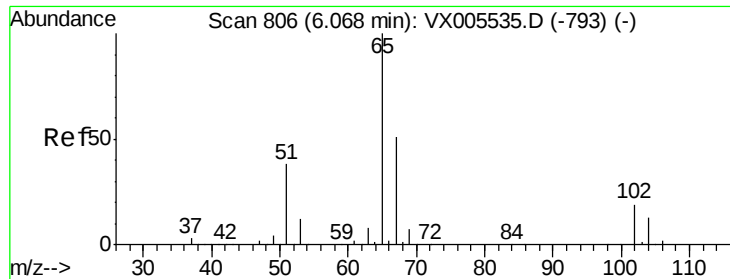
72 23.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

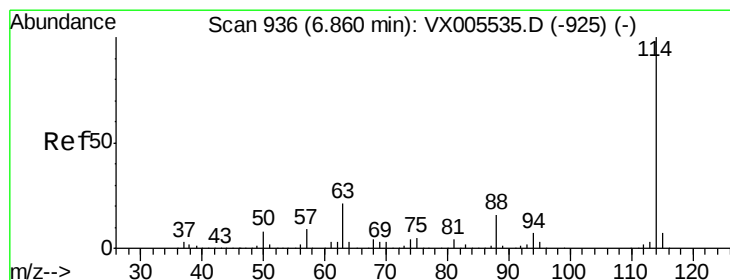
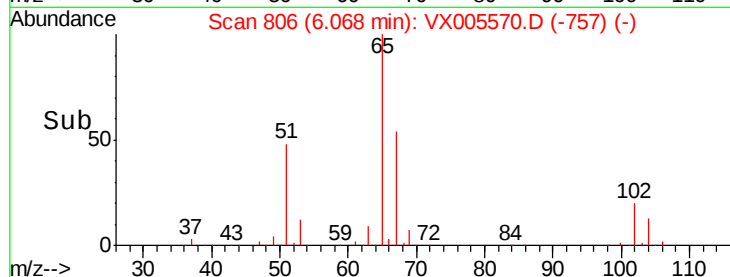
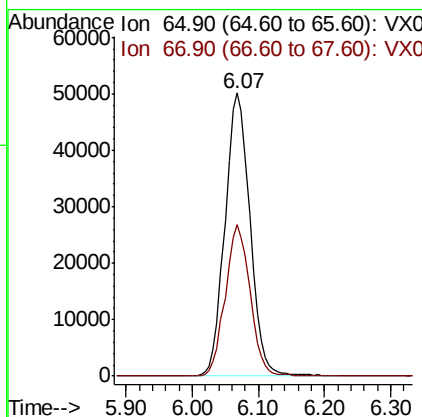
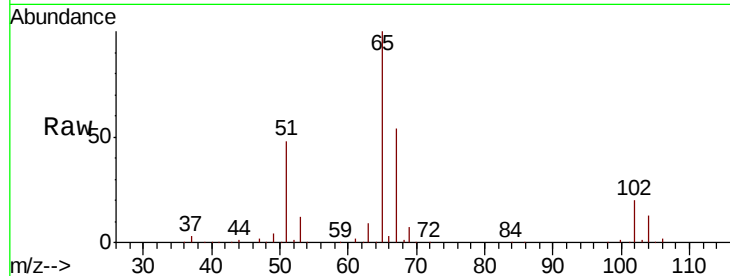




#33
 1,2-Dichloroethane-d4
 Concen: 52.359 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005570.D
 Acq: 25 Oct 2018 04:58

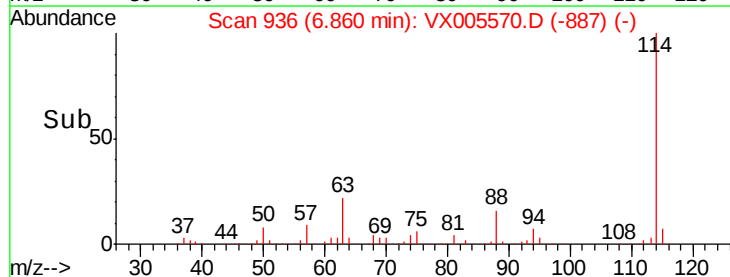
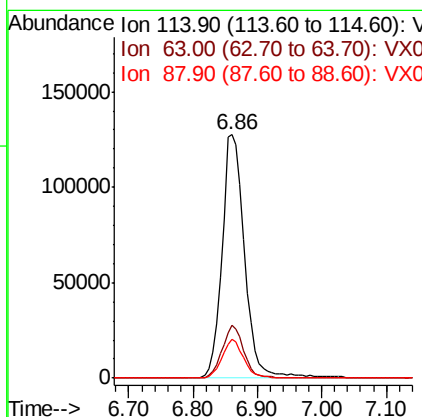
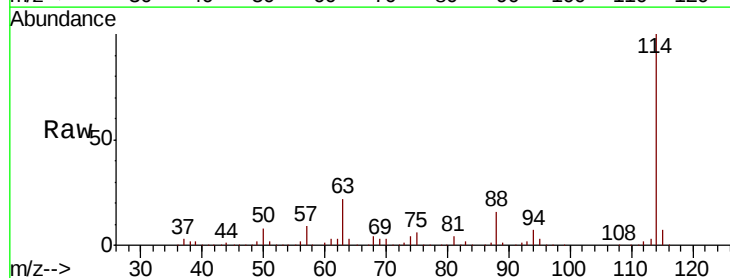
Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200044

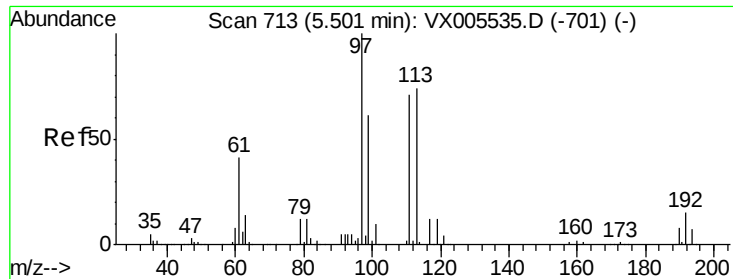
Tot Ion: 65 Resp: 131610
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005570.D
 Acq: 25 Oct 2018 04:58

Tgt Ion: 114 Resp: 316172
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.0
 88 15.7 0.0 30.4

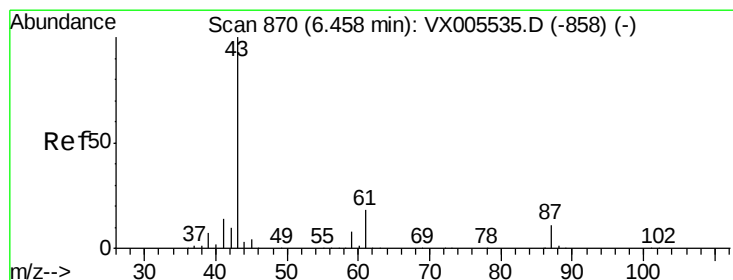
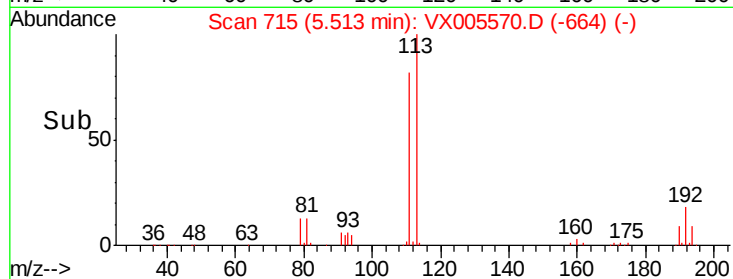
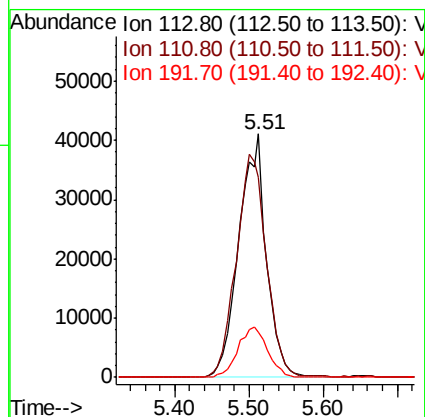
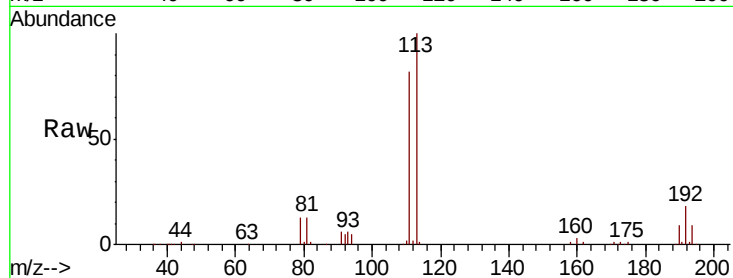




#35
 Dibromofluoromethane
 Concen: 49.700 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005570.D
 Acq: 25 Oct 2018 04:58

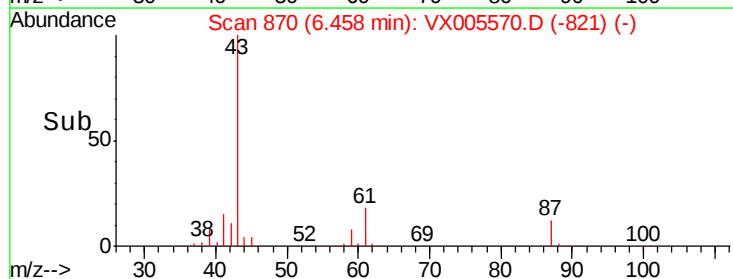
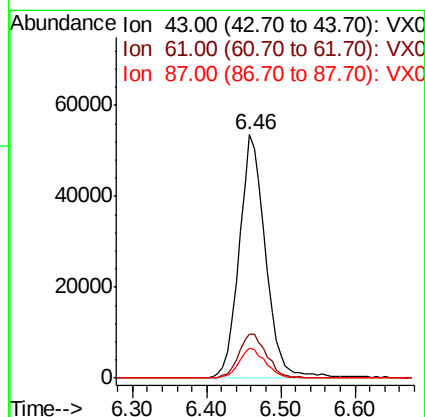
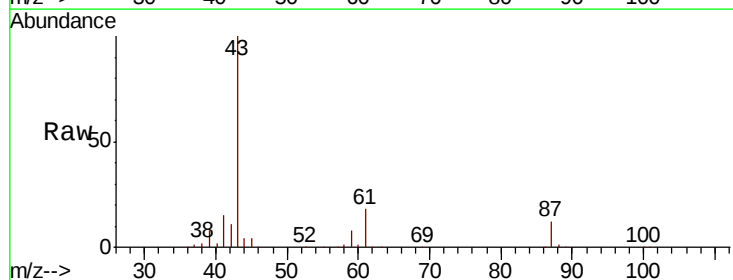
Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200044

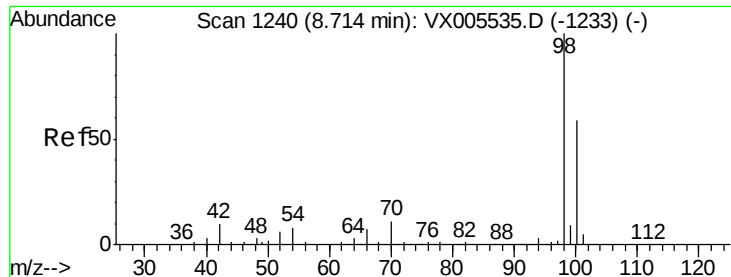
Tot Ion:113 Resp: 106400
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.4 123.6
 192 22.4 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 22.636 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005570.D
 Acq: 25 Oct 2018 04:58

Tgt Ion: 43 Resp: 132810
 Ion Ratio Lower Upper
 43 100
 61 19.1 17.0 25.4
 87 12.4 11.4 17.2





#50

Toluene-d8

Concen: 49.118 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005570.D

Acq: 25 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampled :

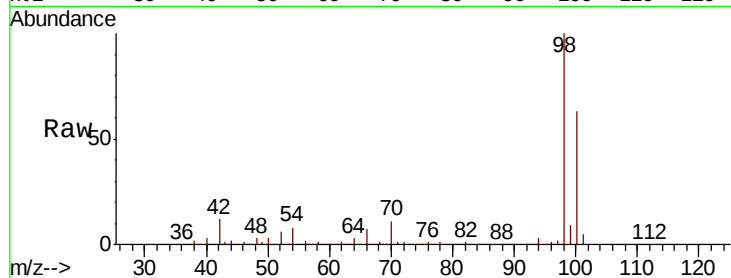
RBR200044

Tot Ion: 98 Resp: 377839

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

250000

200000

150000

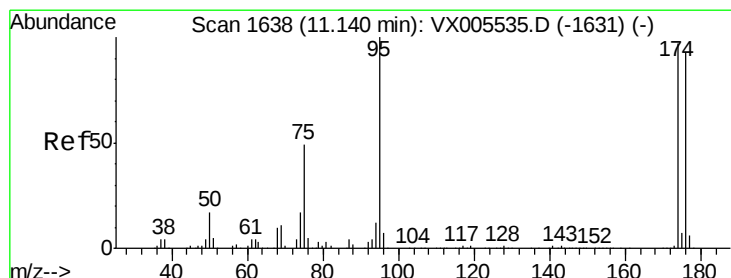
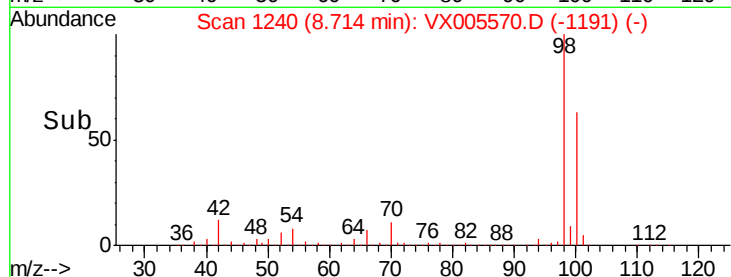
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 42.733 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005570.D

Acq: 25 Oct 2018 04:58

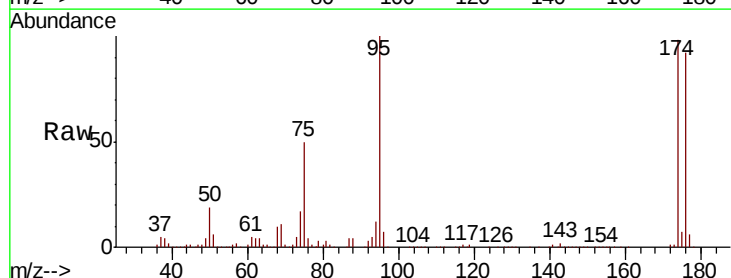
Tgt Ion: 95 Resp: 124141

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.2

176 89.3 0.0 178.6



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

120000

100000

80000

60000

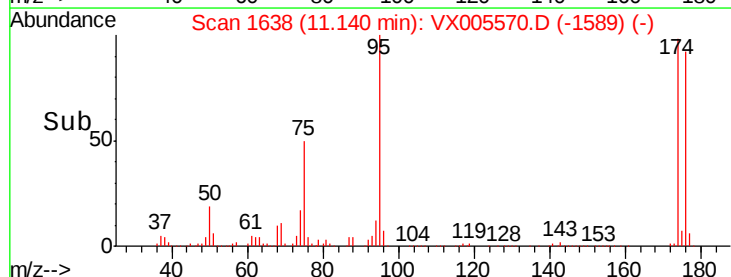
40000

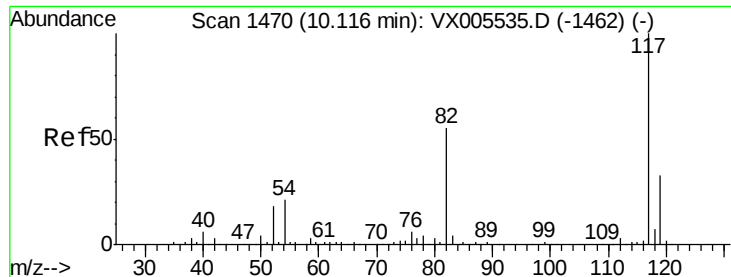
20000

0

11.10 11.20

Time-->

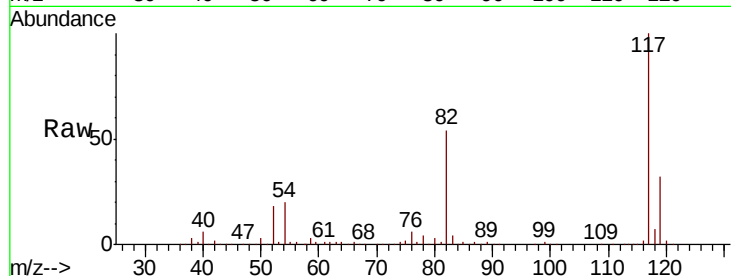




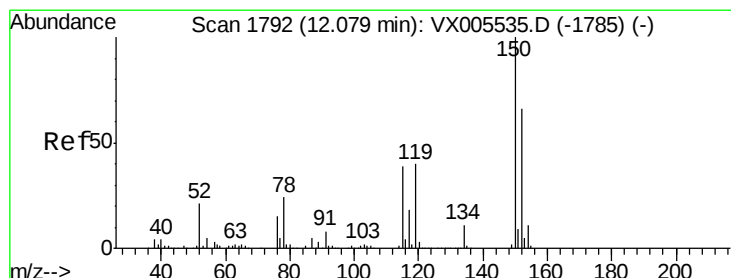
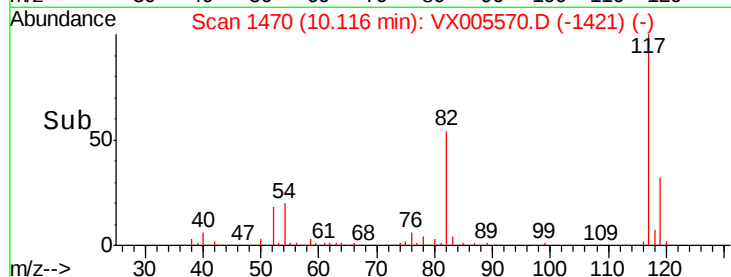
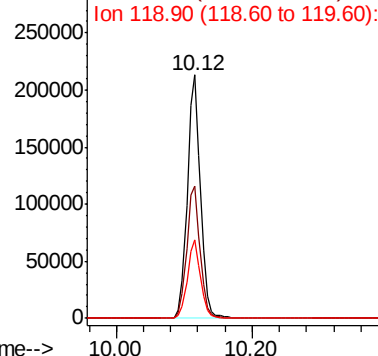
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005570.D
Acq: 25 Oct 2018 04:58

Instrument :
MSVOA_X
ClientSampled :
RBR200044

Tot Ion:117 Resp: 285590
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.6
119 32.2 29.3 43.9

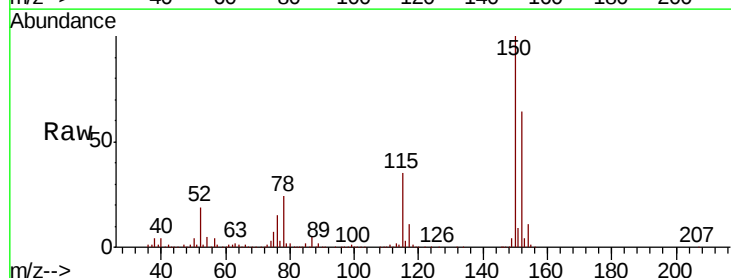


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005570.D
Acq: 25 Oct 2018 04:58

Tgt Ion:152 Resp: 134461
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 156.0 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

