

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005503.D
 Acq On : 23 Oct 2018 06:46
 Operator : JC/MD
 Sample : J5603-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT102

Quant Time: Oct 23 13:20:40 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	223317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141837	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	
35) Dibromofluoromethane	5.50	113	109261	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.71	98	382817	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.14	95	124087	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	

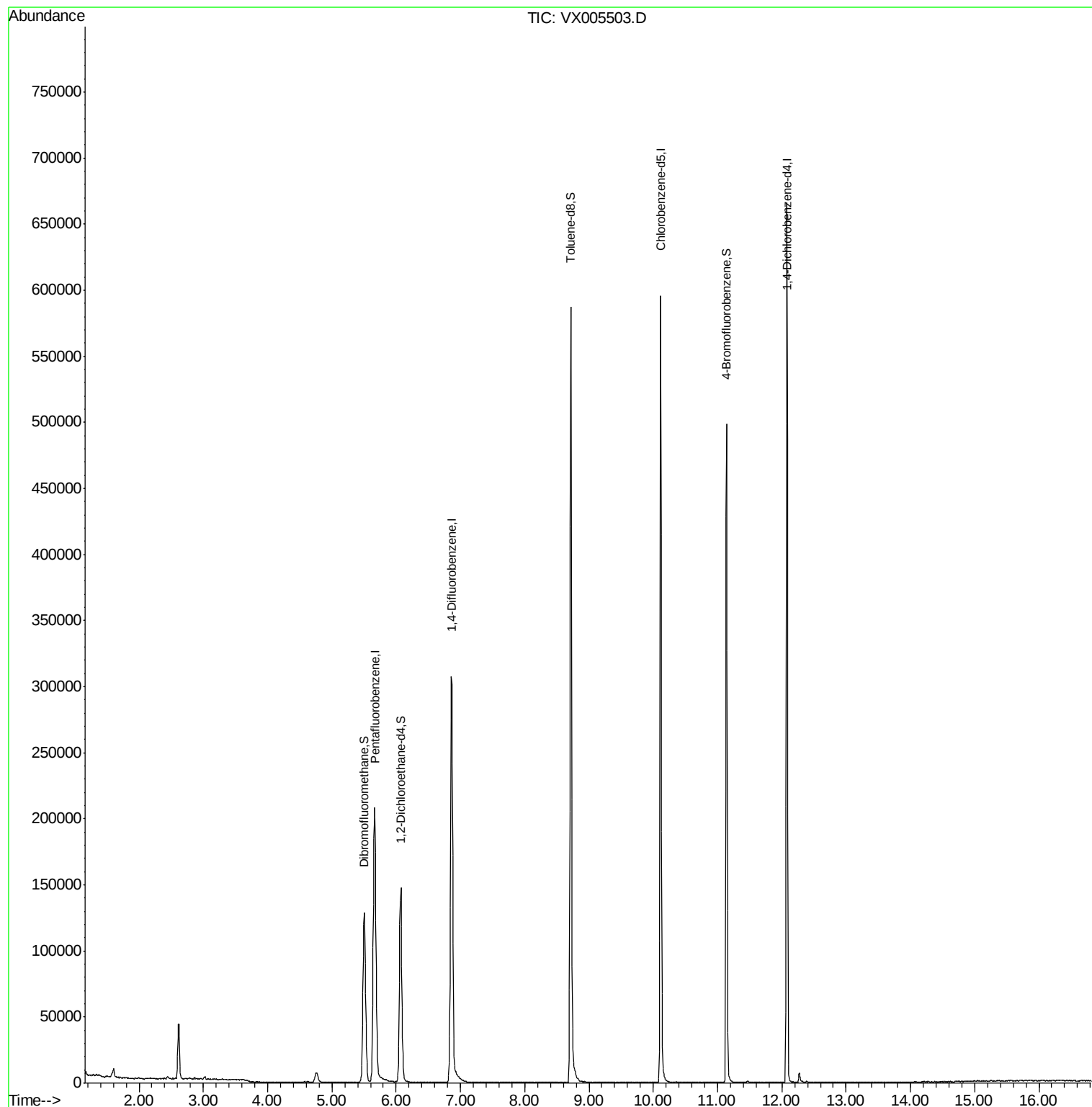
Target Compounds	Qvalue
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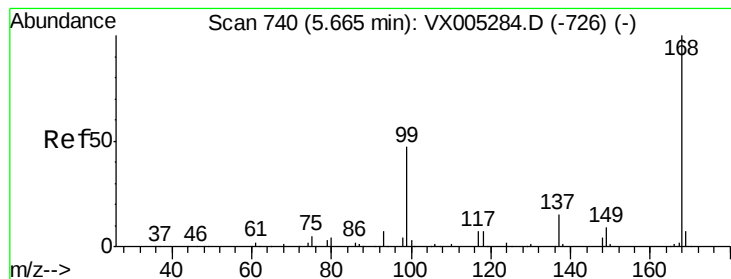
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005503.D

Acq: 23 Oct 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

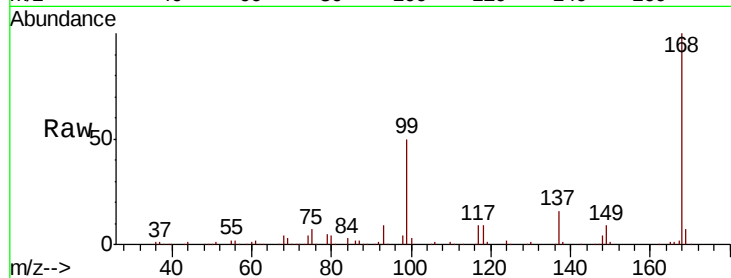
RAV-GT102

Tot Ion:168 Resp: 223317

Ion Ratio Lower Upper

168 100

99 50.4 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

80000

60000

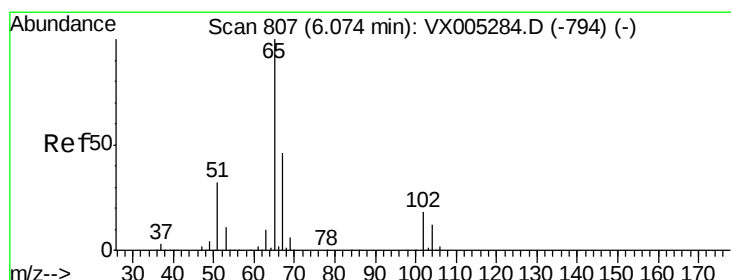
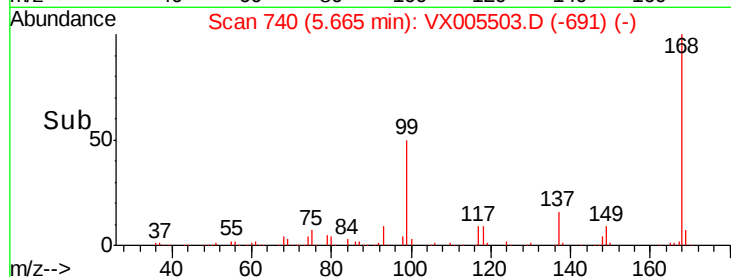
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 57.227 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX005503.D

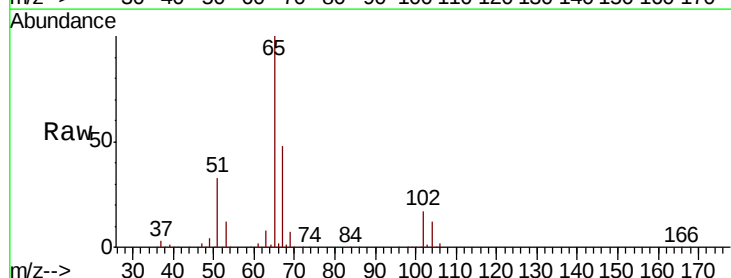
Acq: 23 Oct 2018 06:46

Tgt Ion: 65 Resp: 141837

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

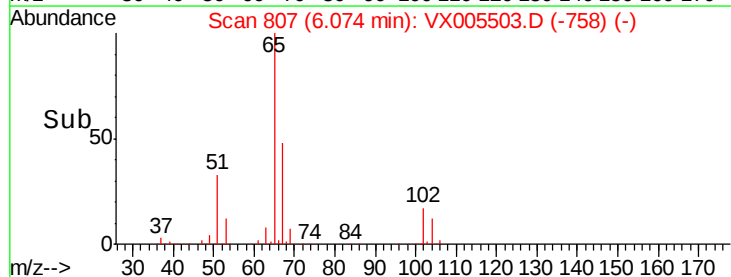
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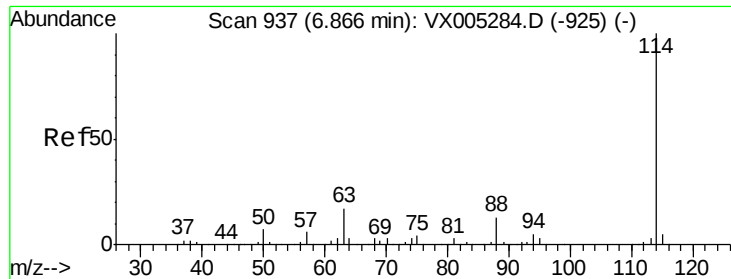
20000

0

Time-->

6.00 6.10 6.20

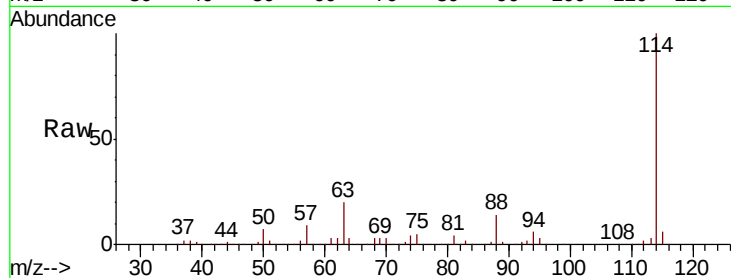




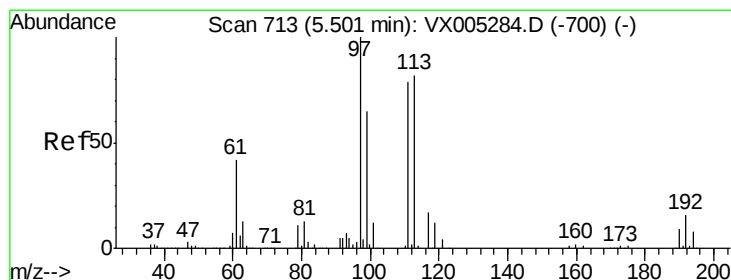
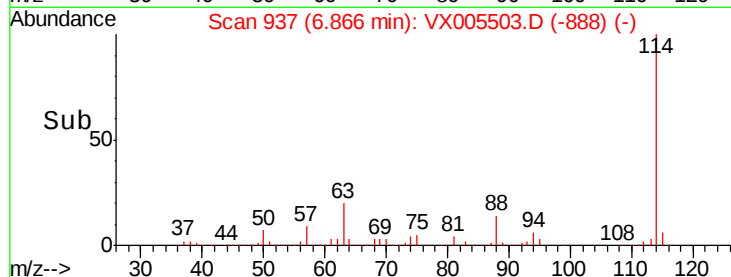
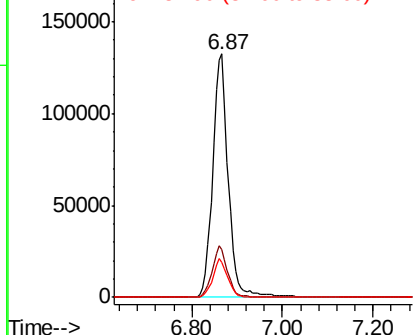
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.00 min
Lab File: VX005503.D
Acq: 23 Oct 2018 06:46

Instrument :
MSVOA_X
ClientSampleId :
RAV-GT102

Tot Ion:114 Resp: 319696
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.0
88 14.5 0.0 30.4

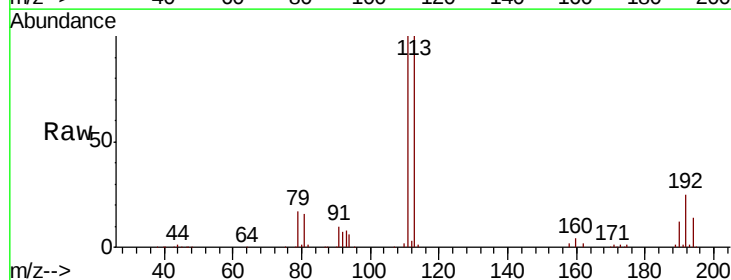


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

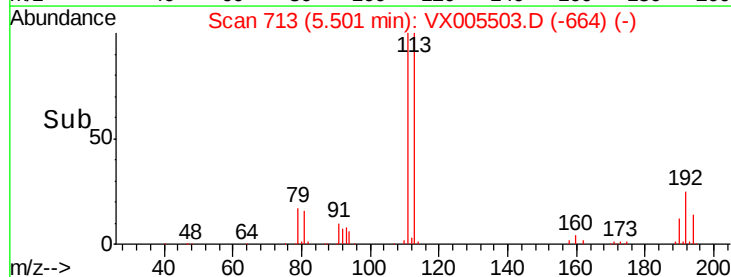
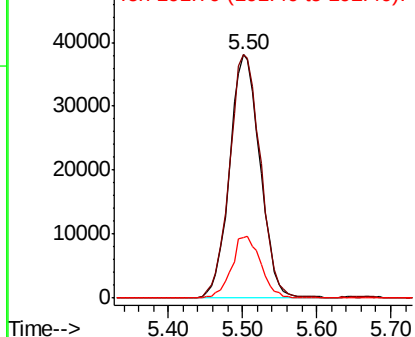


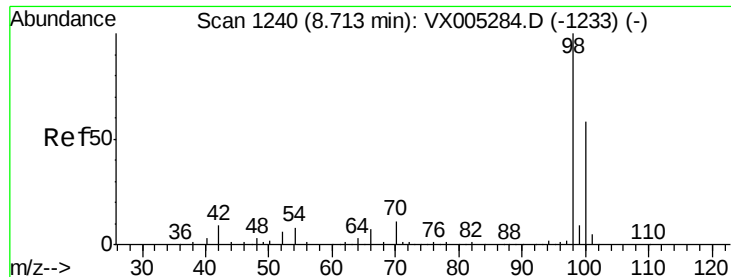
#35
Dibromofluoromethane
Concen: 51.601 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005503.D
Acq: 23 Oct 2018 06:46

Tgt Ion:113 Resp: 109261
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 24.3 19.4 29.2



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: 52.662 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005503.D

Acq: 23 Oct 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

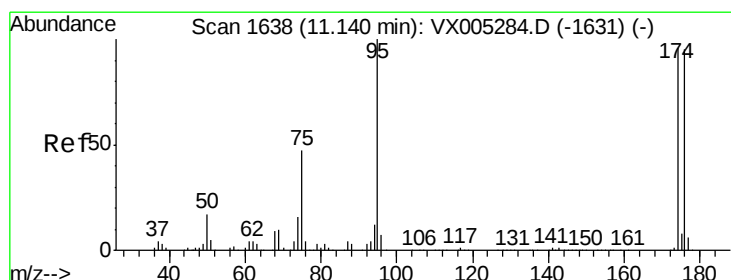
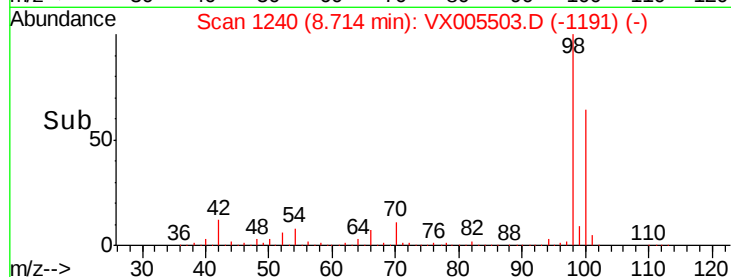
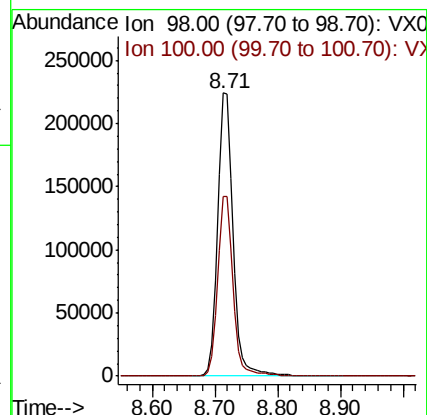
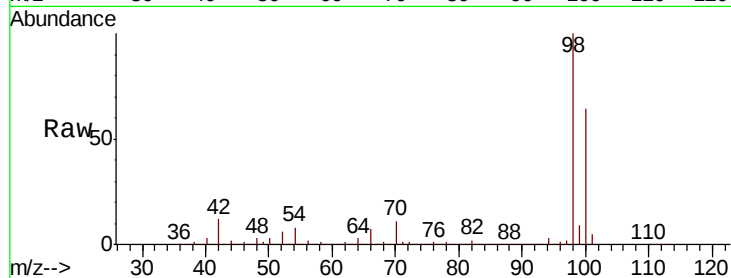
RAV-GT102

Tot Ion: 98 Resp: 382817

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.440 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005503.D

Acq: 23 Oct 2018 06:46

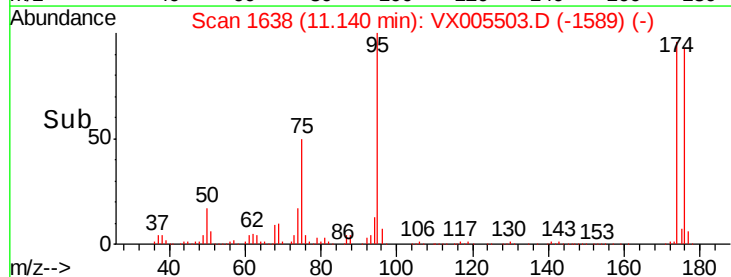
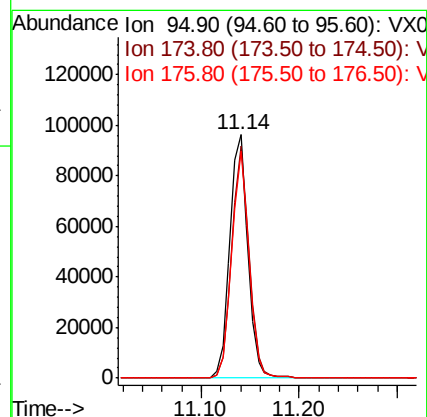
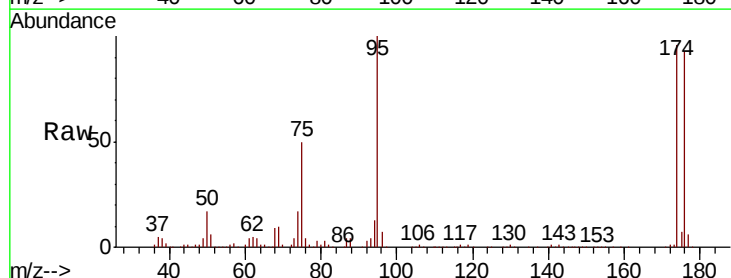
Tgt Ion: 95 Resp: 124087

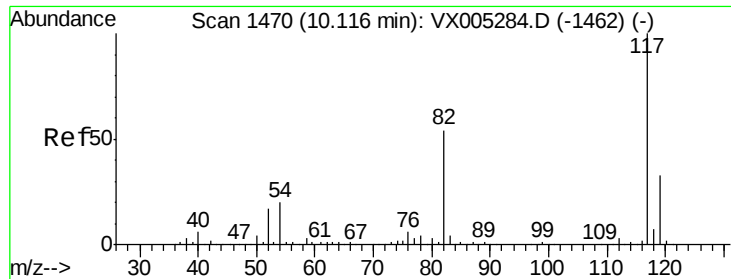
Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

176 89.8 0.0 178.6

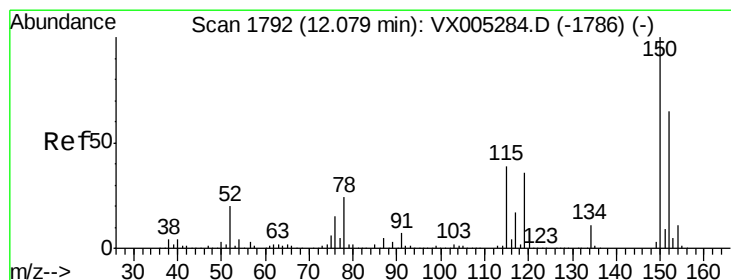
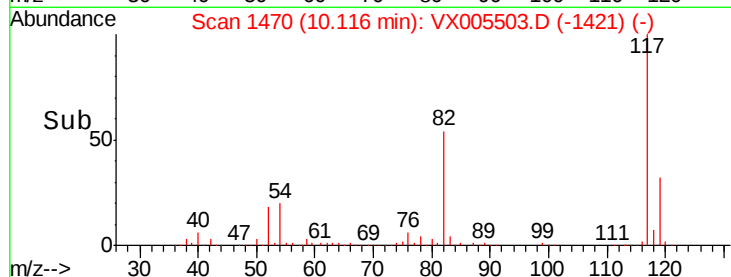
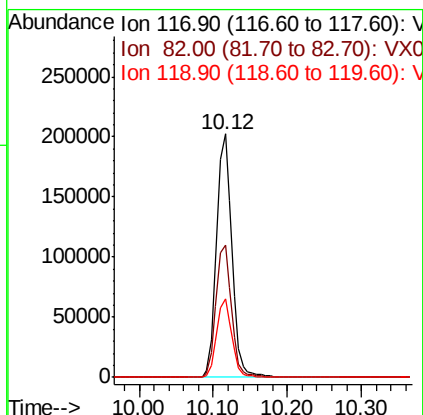
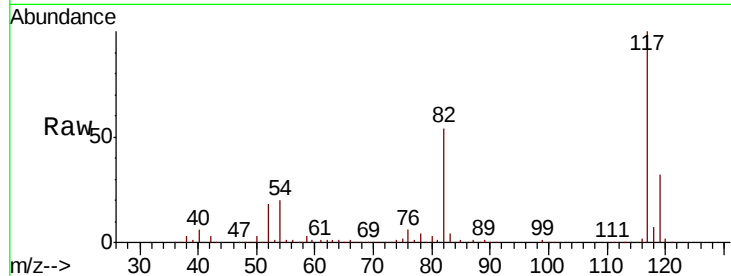




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005503.D
Acq: 23 Oct 2018 06:46

Instrument :
MSVOA_X
ClientSampled :
RAV-GT102

Tot Ion:117 Resp: 286701
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.6
119 32.5 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005503.D
Acq: 23 Oct 2018 06:46

Tgt Ion:152 Resp: 135474
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 158.1 0.0 351.0

