

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005508.D
 Acq On : 23 Oct 2018 09:00
 Operator : JC/MD
 Sample : J5603-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT111

Quant Time: Oct 23 13:22:55 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	221339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144054	58.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	5.49	113	111291	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	8.72	98	379297	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.14	95	124686	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	

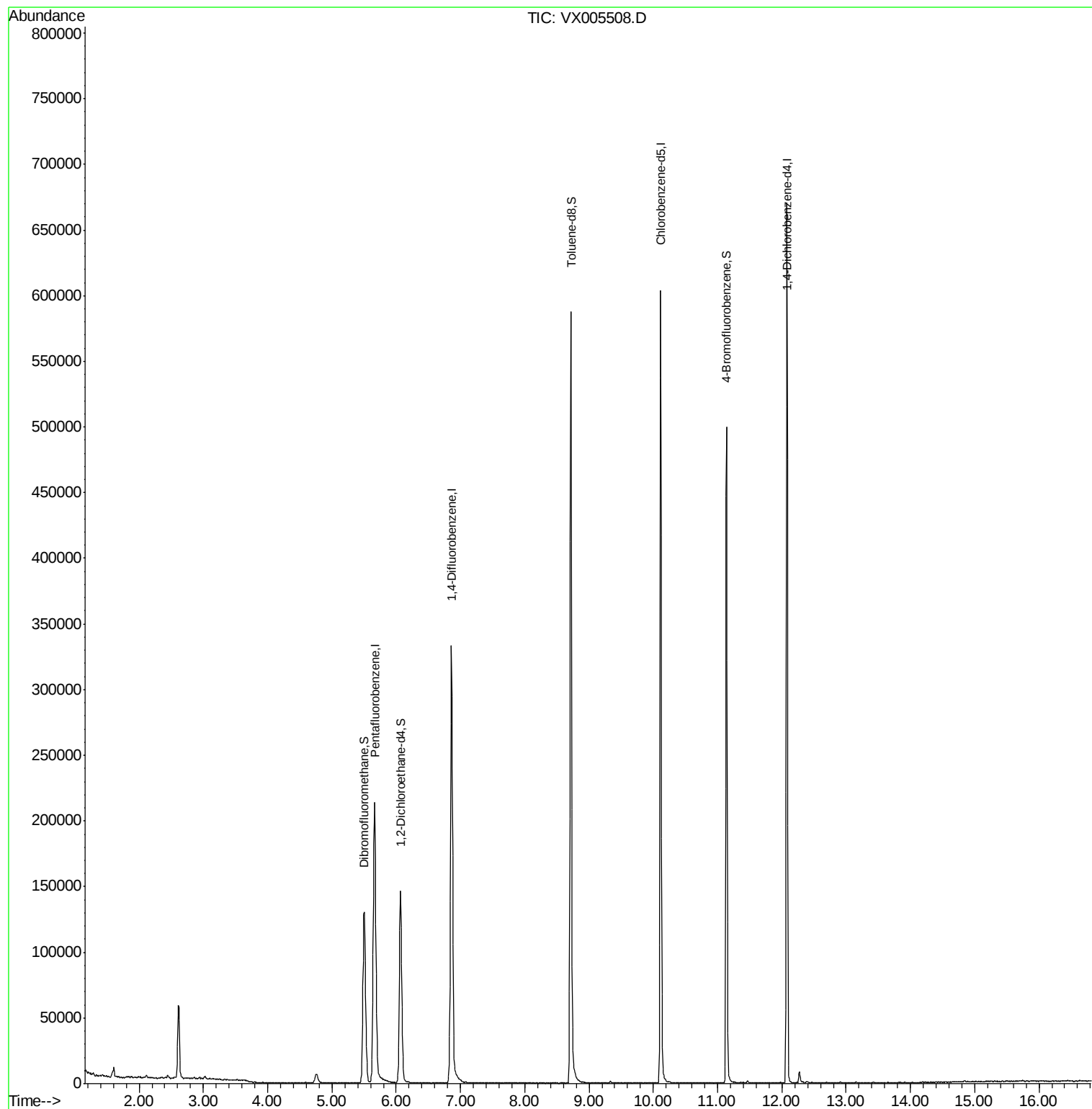
Target Compounds	Qvalue

(#) = 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# 741

Delta R.T. 0.01 min

Lab File: VX005508.D

Acq: 23 Oct 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

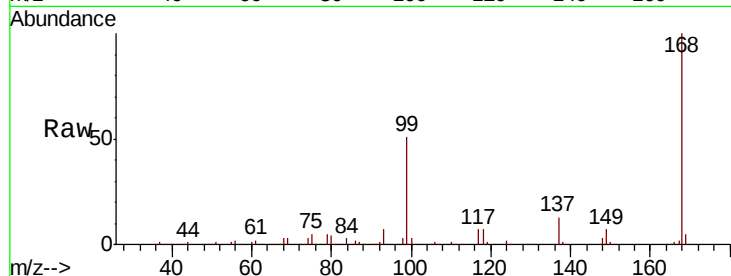
RAV-GT111

Tot Ion:168 Resp: 221339

Ion Ratio Lower Upper

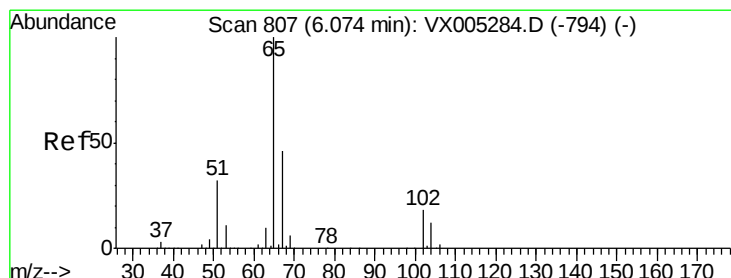
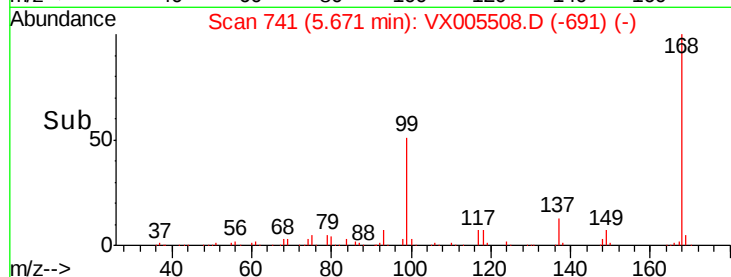
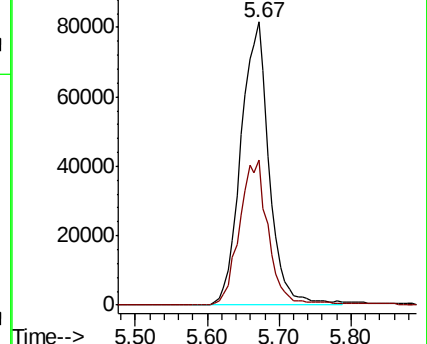
168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.641 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX005508.D

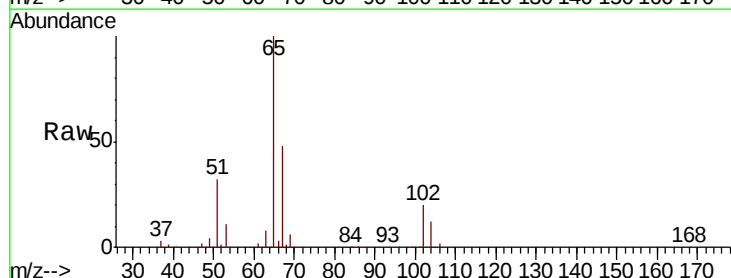
Acq: 23 Oct 2018 09:00

Tgt Ion: 65 Resp: 144054

Ion Ratio Lower Upper

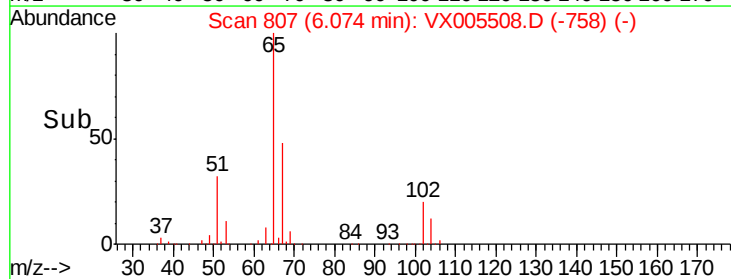
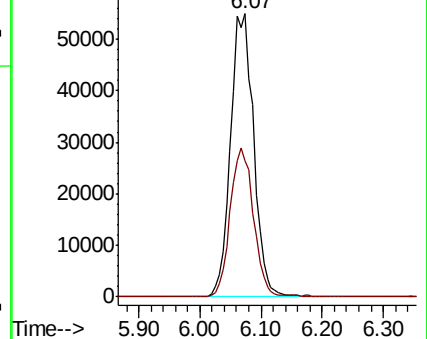
65 100

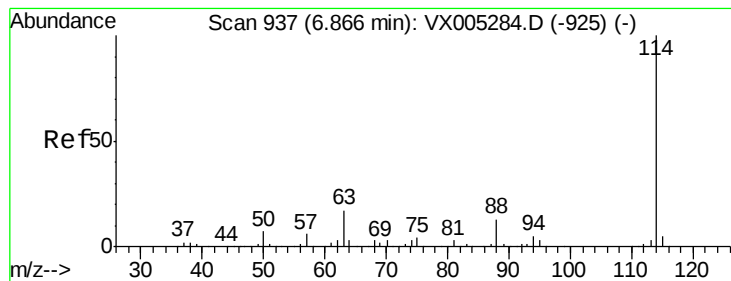
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005508.D

Acq: 23 Oct 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

RAV-GT111

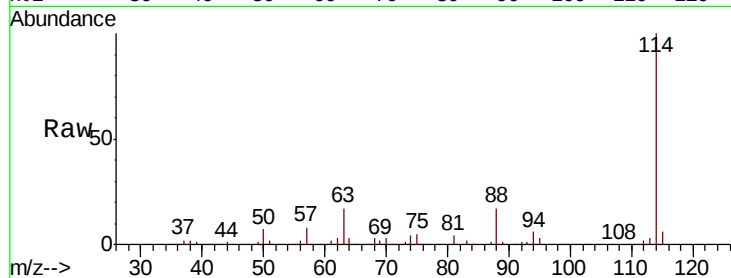
Tot Ion:114 Resp: 321000

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.0

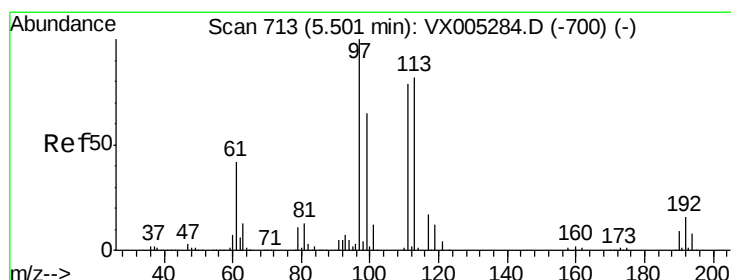
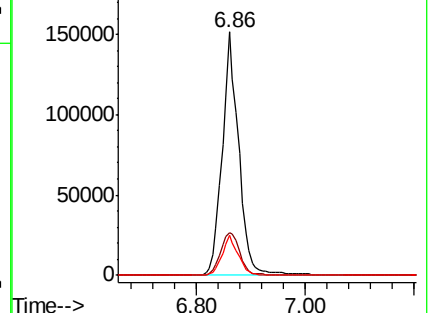
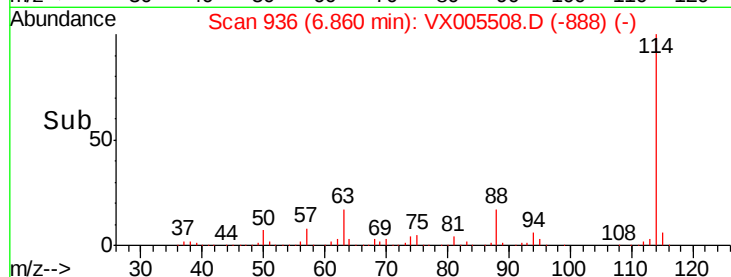
88 16.5 0.0 30.4



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: 52.346 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005508.D

Acq: 23 Oct 2018 09:00

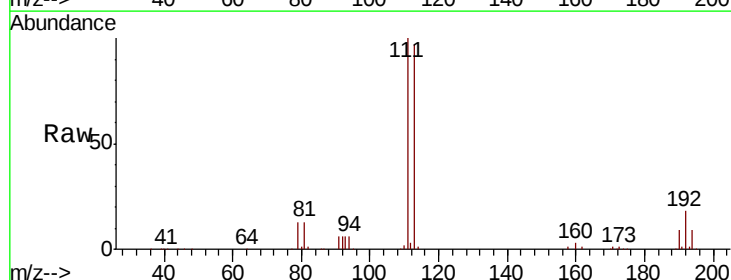
Tgt Ion:113 Resp: 111291

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

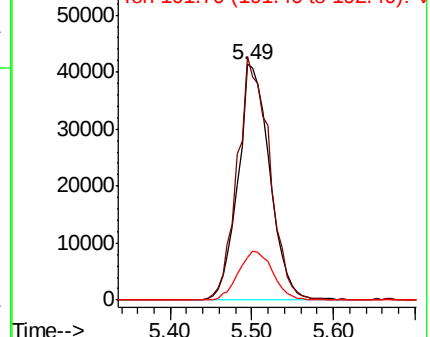
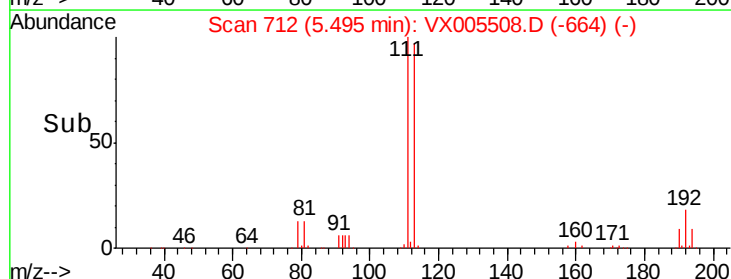
192 22.6 19.4 29.2

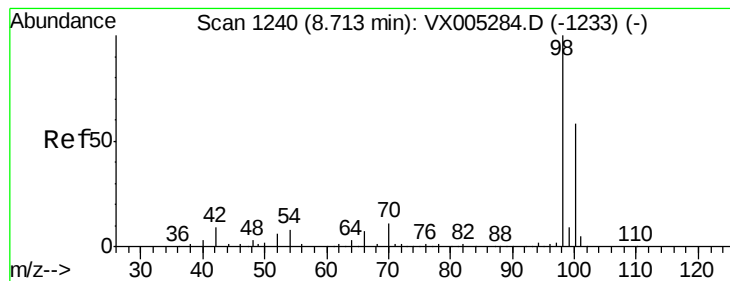


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.966 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005508.D

Acq: 23 Oct 2018 09:00

Instrument :

MSVOA_X

ClientSampled :

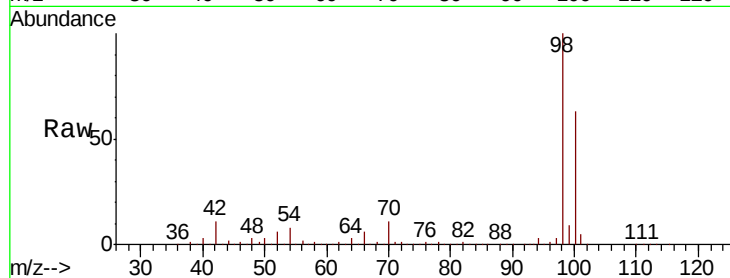
RAV-GT111

Tot Ion: 98 Resp: 379297

Ion Ratio Lower Upper

98 100

100 63.0 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

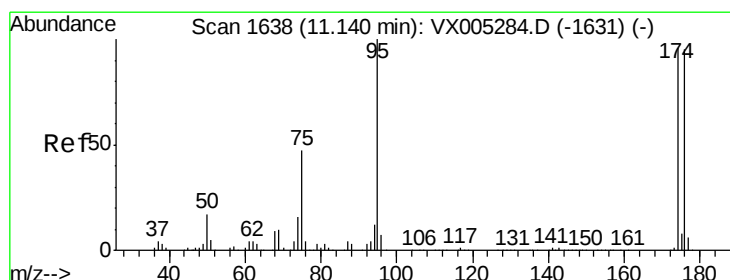
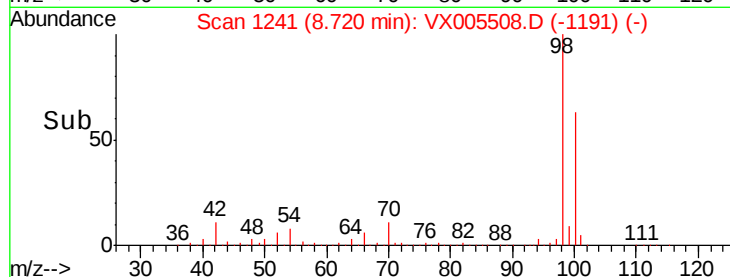
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.474 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005508.D

Acq: 23 Oct 2018 09:00

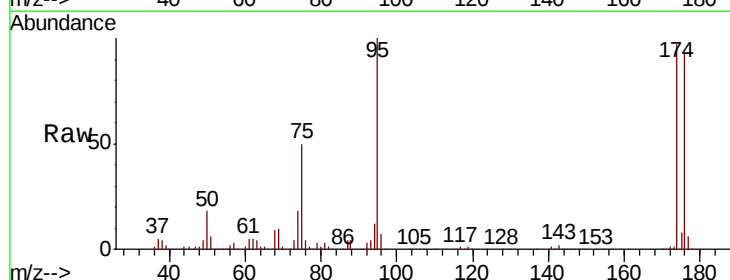
Tgt Ion: 95 Resp: 124686

Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.2

176 89.0 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

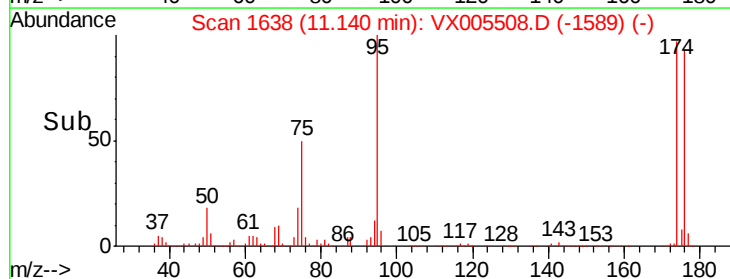
40000

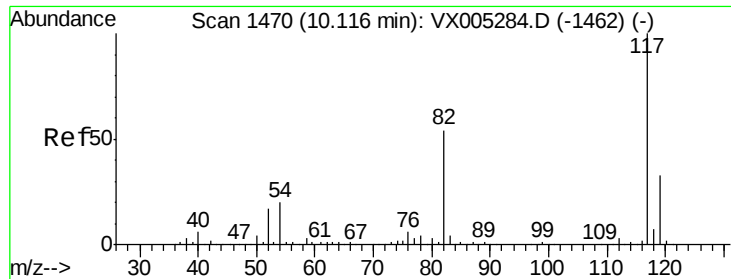
20000

0

11.10 11.20

Time-->

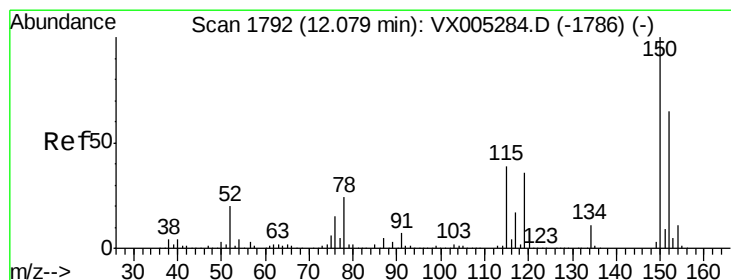
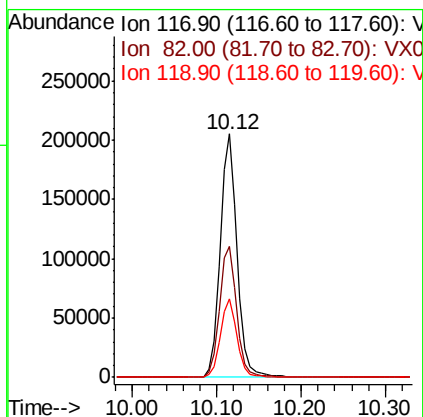
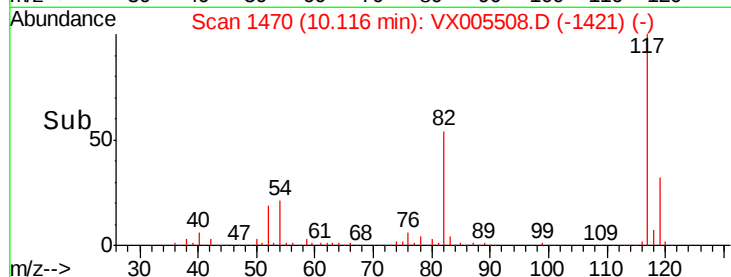
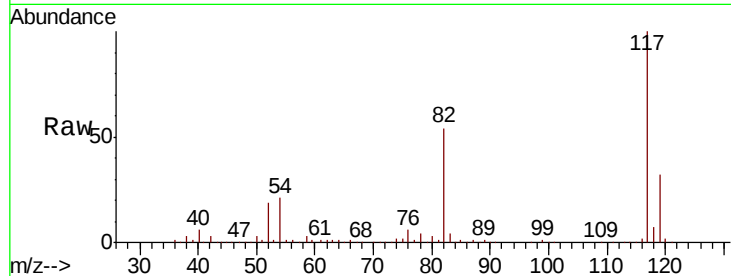




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005508.D
Acq: 23 Oct 2018 09:00

Instrument :
MSVOA_X
ClientSampled :
RAV-GT111

Tot Ion:117 Resp: 283796
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.0 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: VX005508.D
Acq: 23 Oct 2018 09:00

Tgt Ion:152 Resp: 136835
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 155.8 0.0 351.0

