

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002568.D
 Acq On : 14 Jun 2018 23:24
 Operator : JC/MD
 Sample : VX0614WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBL02

Quant Time: Jun 15 03:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176086	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177023	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	5.51	113	133225	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.72	98	528609	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	185008	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

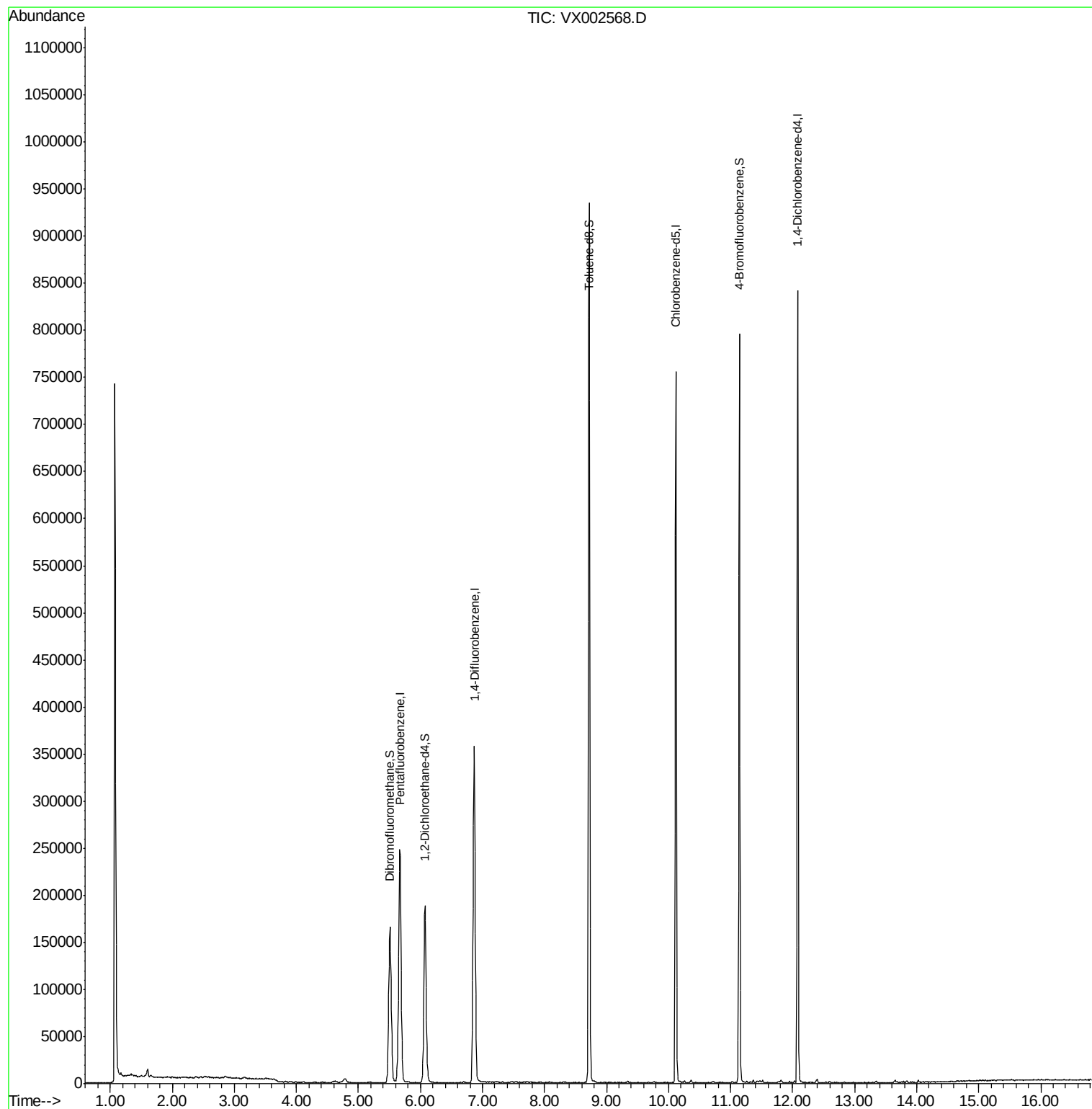
Target Compounds	Qvalue

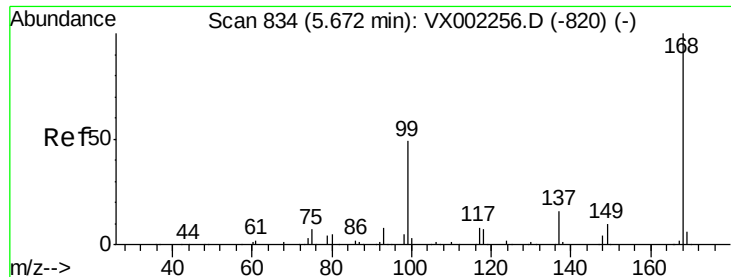
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002568.D

Acq: 14 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

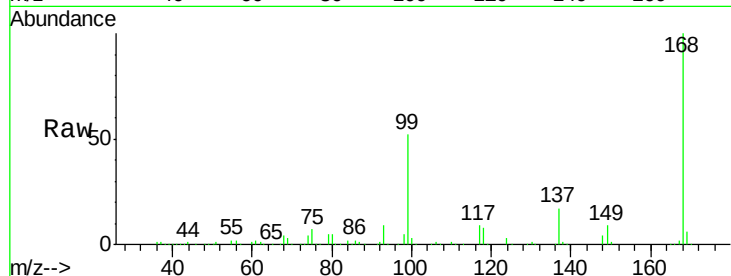
VX0614WBL02

Tot Ion:168 Resp: 241918

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

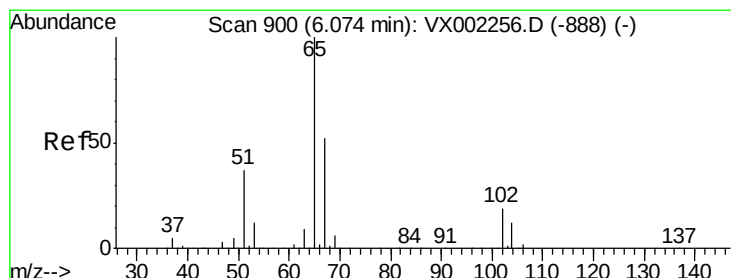
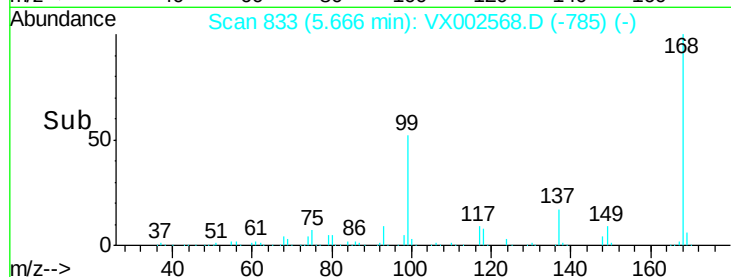
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.258 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002568.D

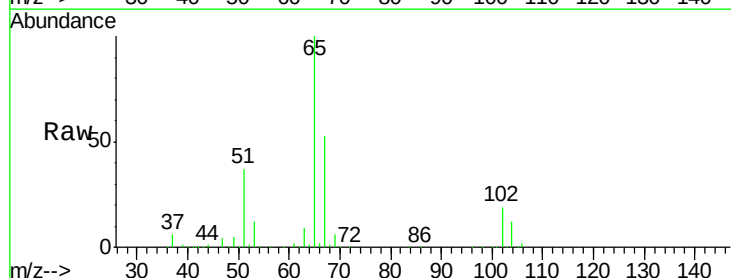
Acq: 14 Jun 2018 23:24

Tgt Ion: 65 Resp: 177023

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

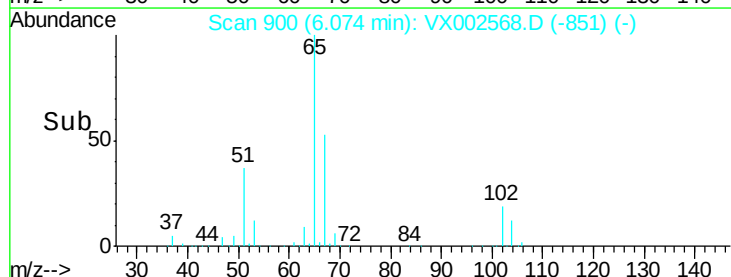
60000

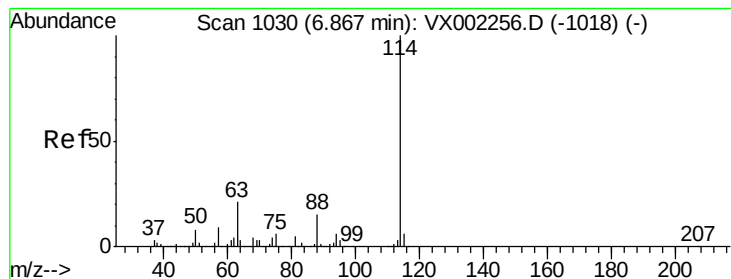
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002568.D

Acq: 14 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBL02

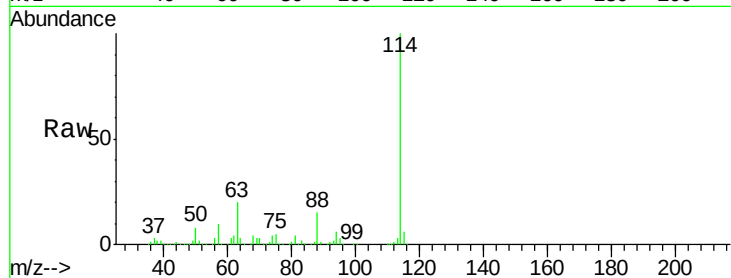
Tot Ion:114 Resp: 349280

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

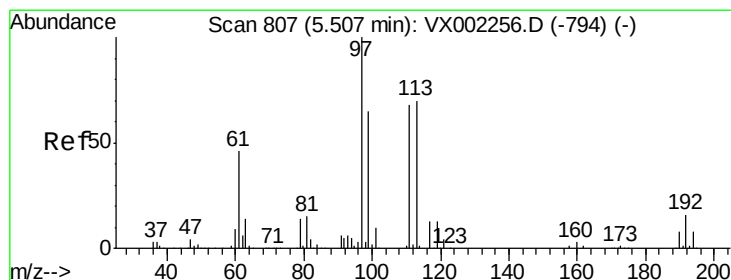
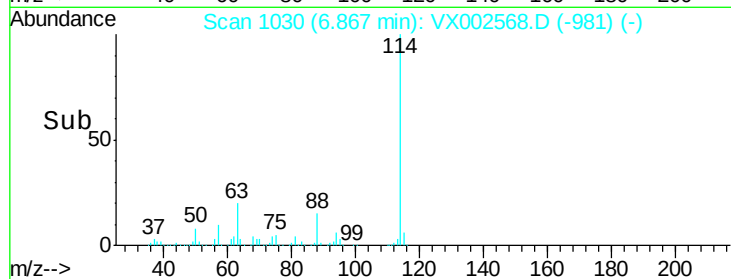
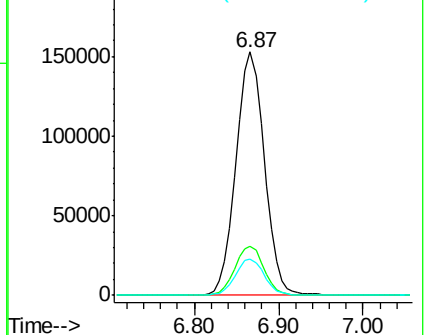
88 15.1 0.0 30.0



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: 48.503 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002568.D

Acq: 14 Jun 2018 23:24

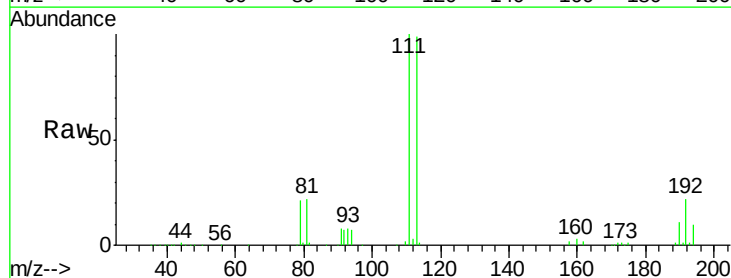
Tgt Ion:113 Resp: 133225

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

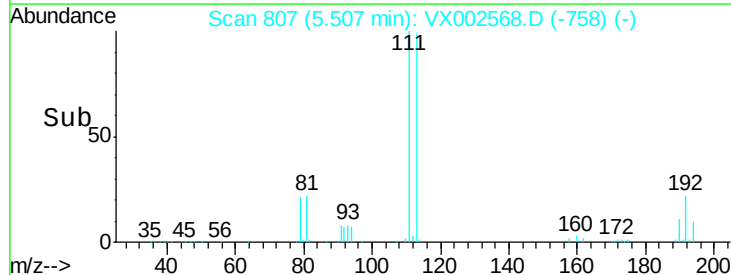
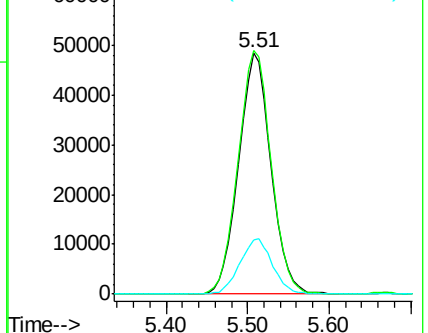
192 23.1 19.1 28.7

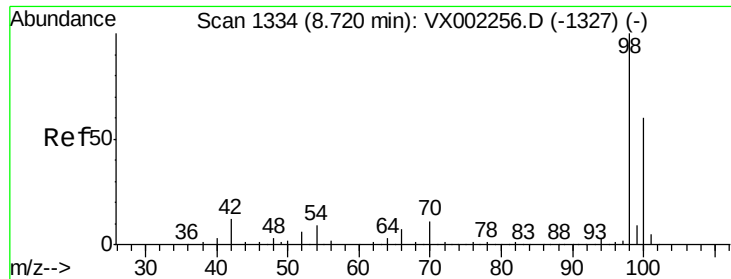


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.209 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002568.D

Acq: 14 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

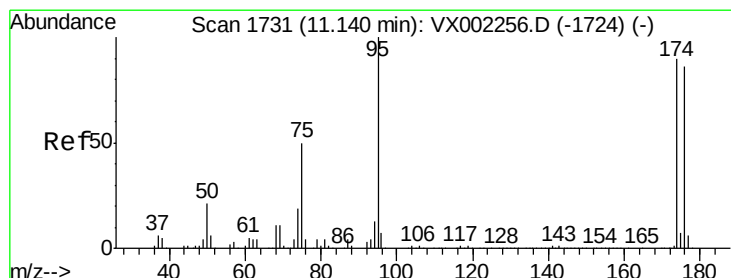
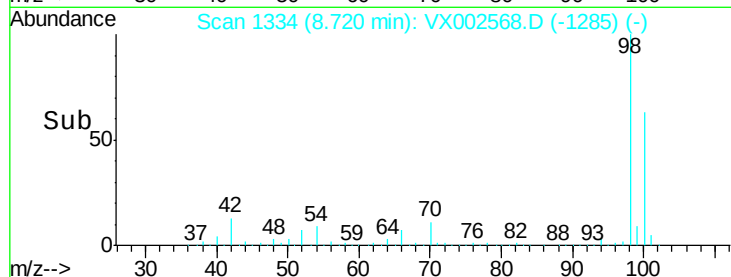
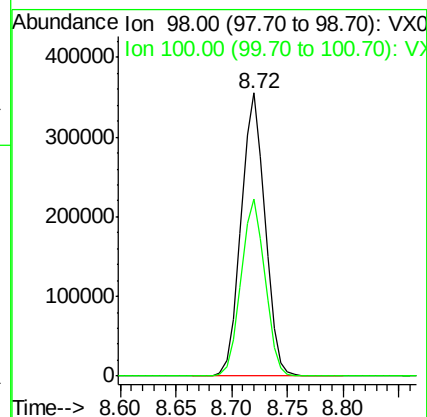
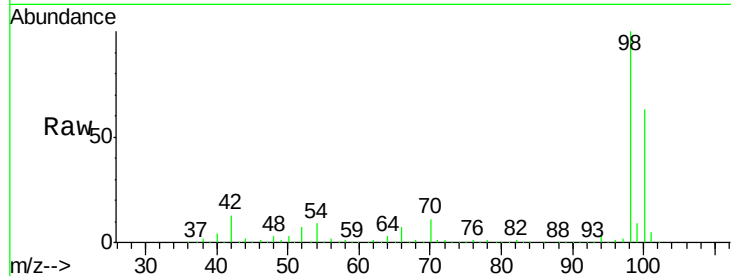
VX0614WBL02

Tot Ion: 98 Resp: 528609

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.571 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002568.D

Acq: 14 Jun 2018 23:24

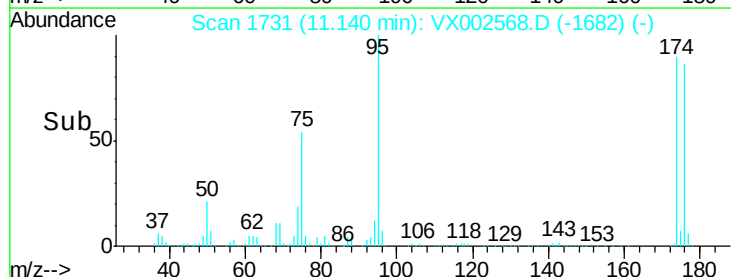
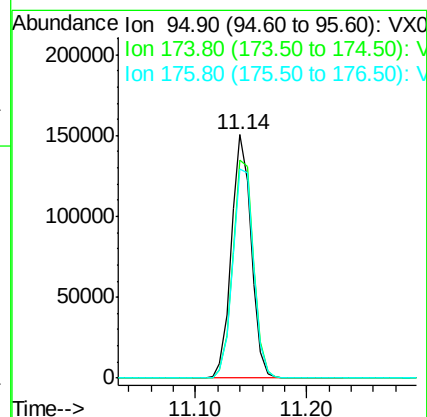
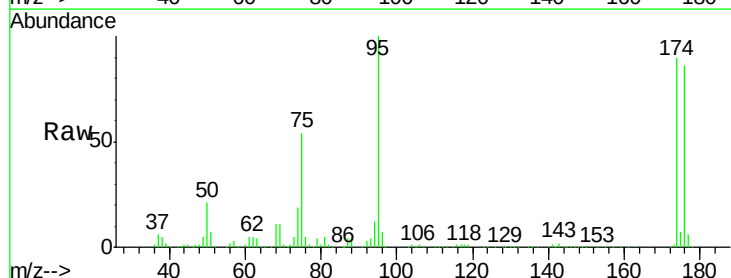
Tgt Ion: 95 Resp: 185008

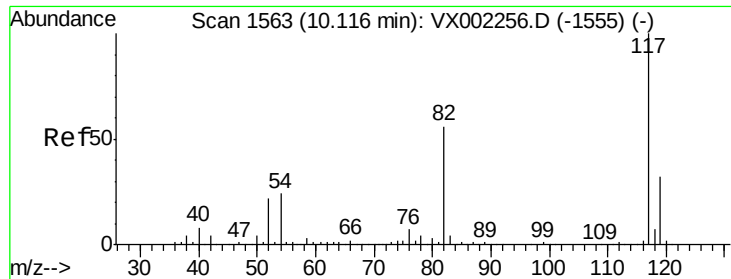
Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

176 90.8 0.0 181.0

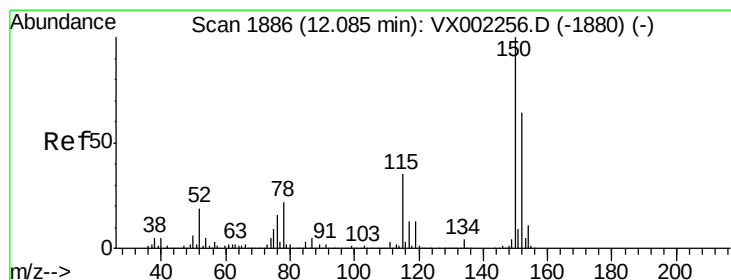
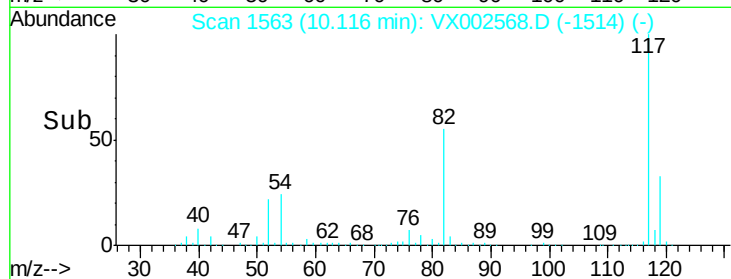
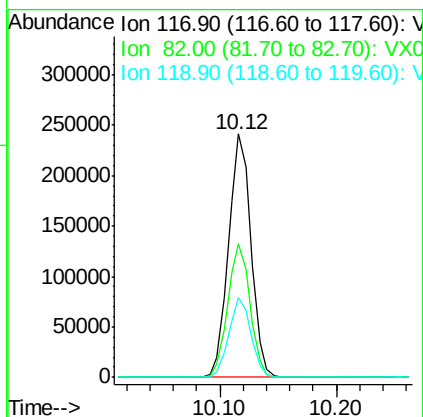
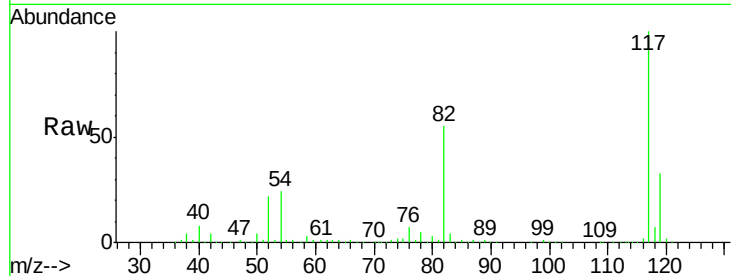




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002568.D
Acq: 14 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBL02

Tot Ion:117 Resp: 323988
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002568.D
Acq: 14 Jun 2018 23:24

Tgt Ion:152 Resp: 176086
Ion Ratio Lower Upper
152 100
115 55.3 40.1 120.2
150 155.4 0.0 347.2

