

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002515.D
 Acq On : 13 Jun 2018 18:15
 Operator : JC/MD
 Sample : J3404-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB04-180607

Quant Time: Jun 14 03:07:53 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	203926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165130	57.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.24%	
35) Dibromofluoromethane	5.51	113	122308	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.72	98	481132	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.14	95	163992	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

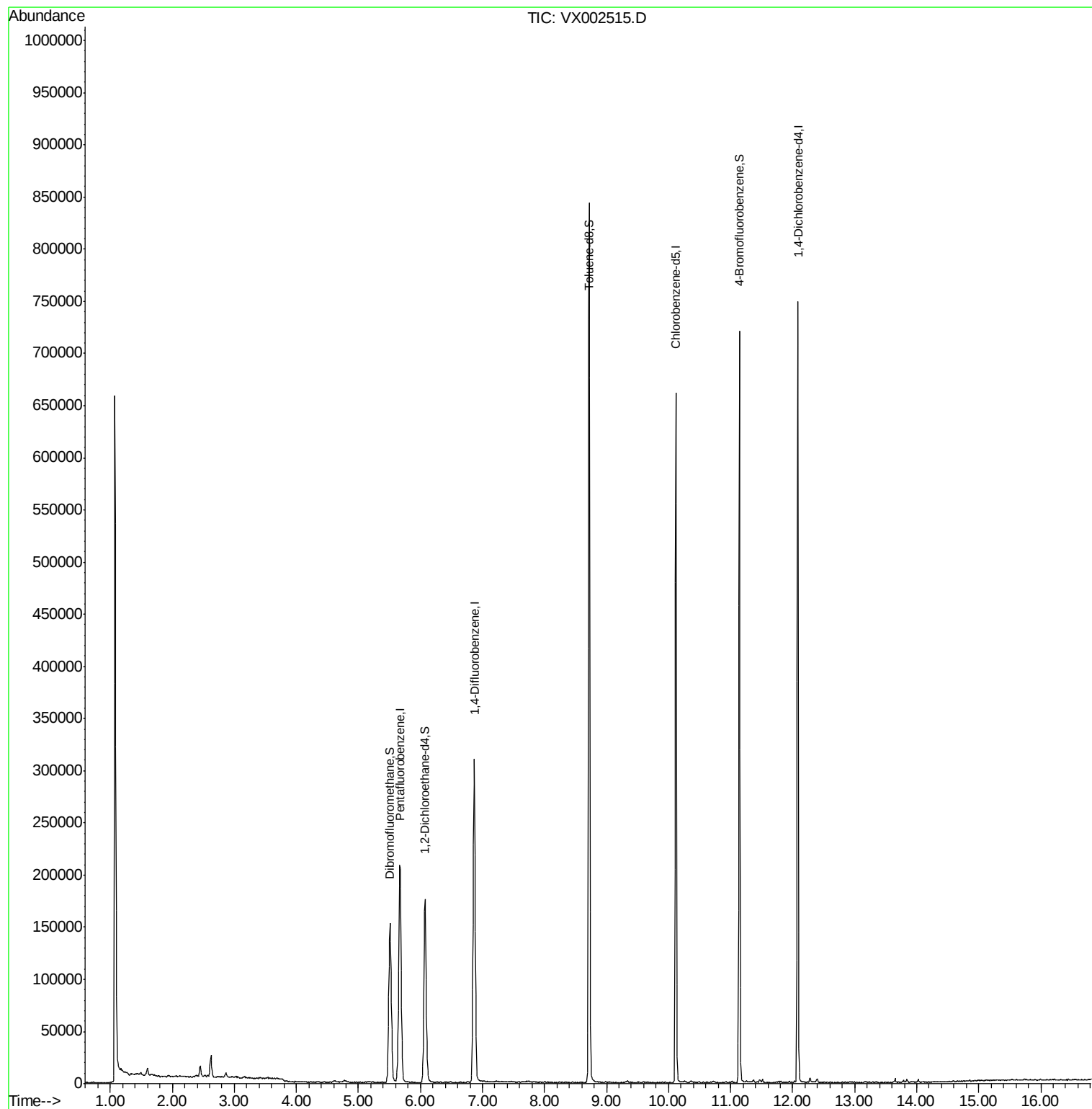
Target Compounds	Qvalue

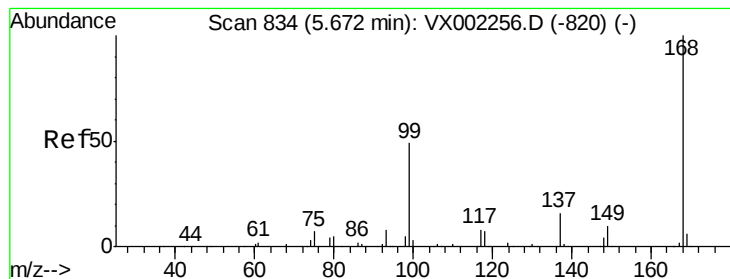
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002515.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

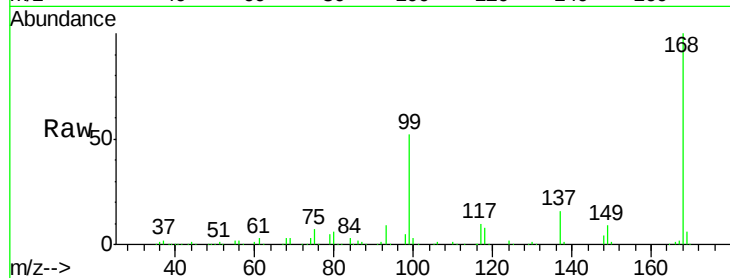
Z5TB04-180607

Tot Ion:168 Resp: 203926

Ion Ratio Lower Upper

168 100

99 52.1 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

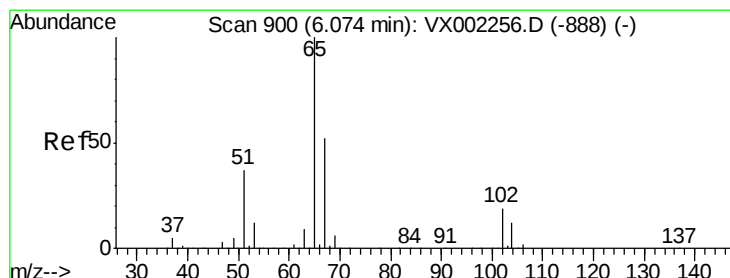
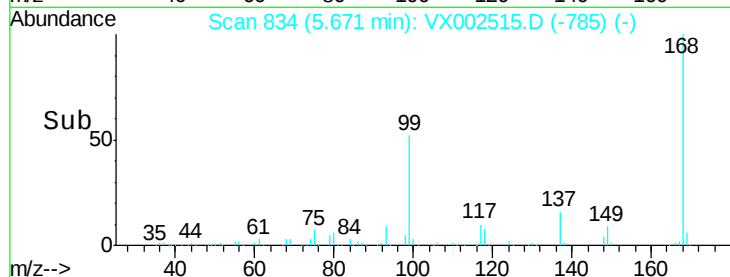
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 57.119 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002515.D

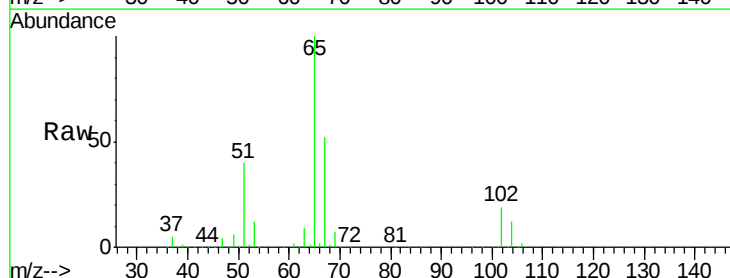
Acq: 13 Jun 2018 18:15

Tgt Ion: 65 Resp: 165130

Ion Ratio Lower Upper

65 100

67 51.5 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

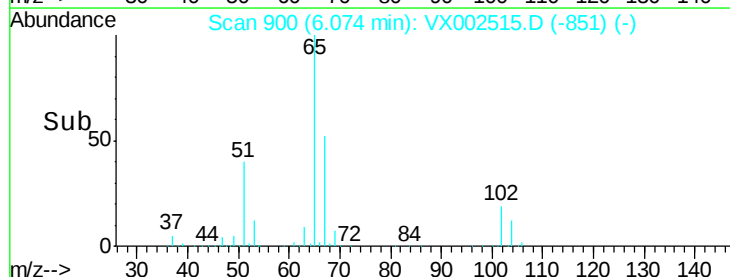
60000

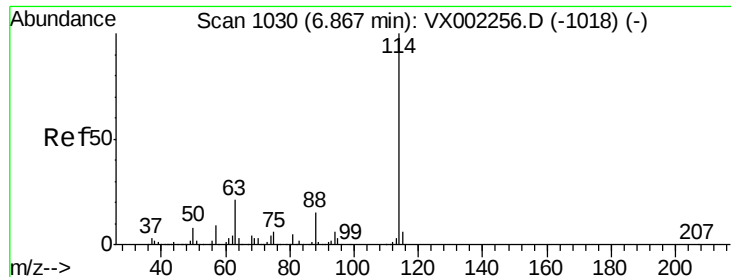
40000

20000

0

Time--> 5.90 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: VX002515.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

Z5TB04-180607

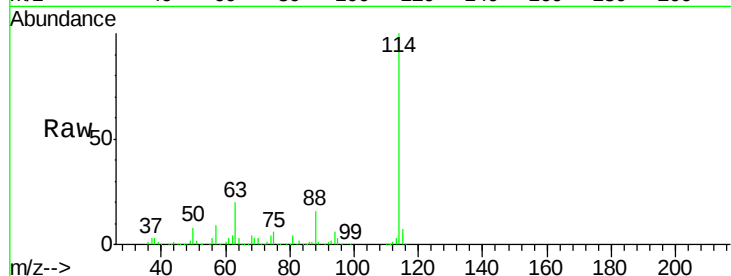
Tot Ion:114 Resp: 298980

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

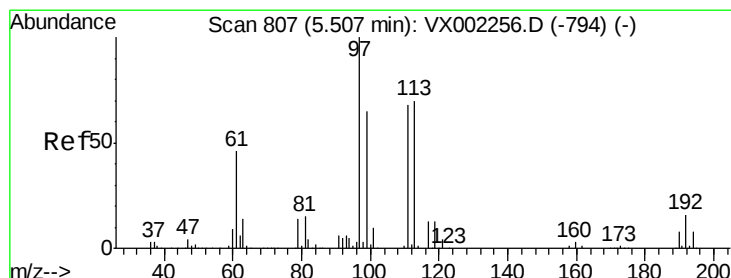
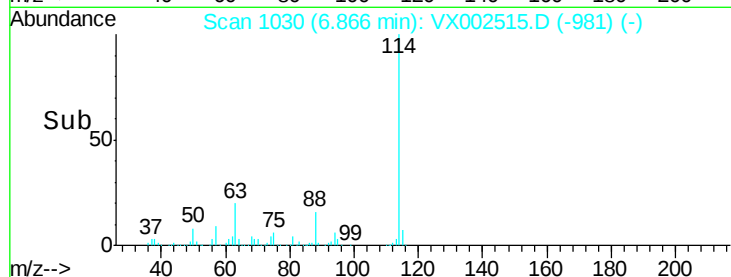
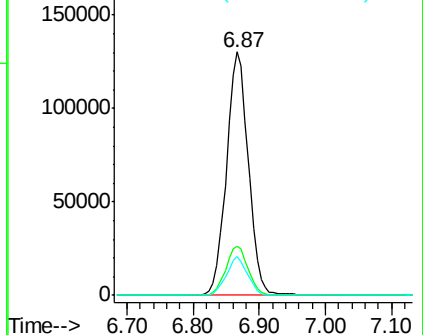
88 15.8 0.0 30.0



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: 52.019 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002515.D

Acq: 13 Jun 2018 18:15

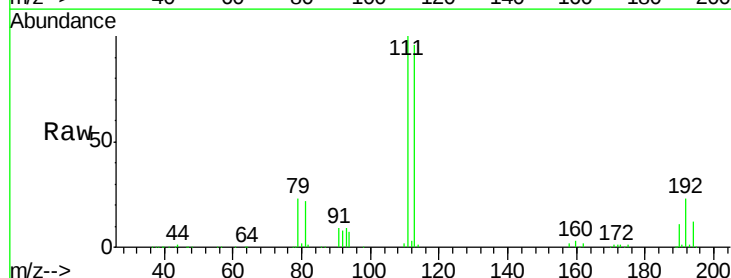
Tgt Ion:113 Resp: 122308

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

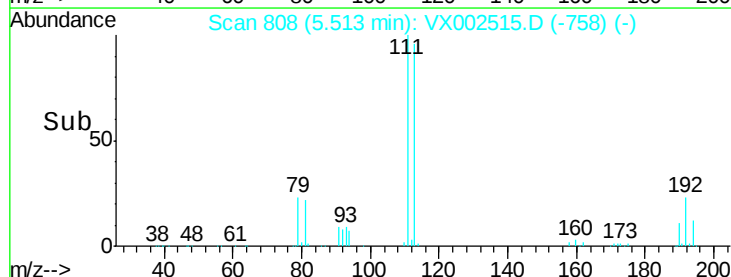
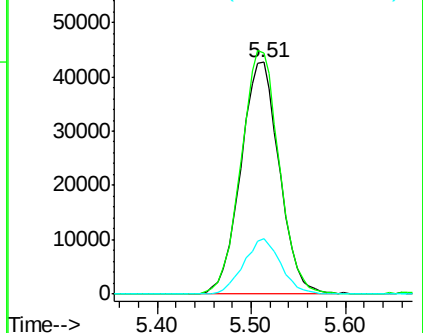
192 23.0 19.1 28.7

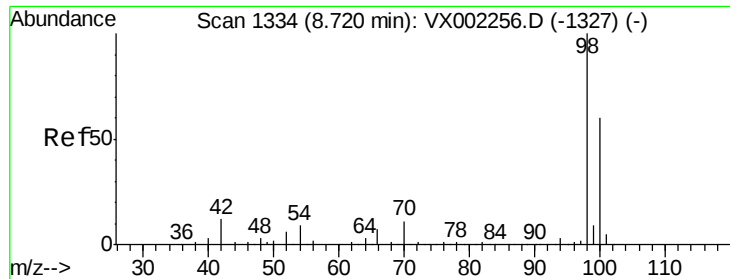


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.388 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002515.D

Acq: 13 Jun 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

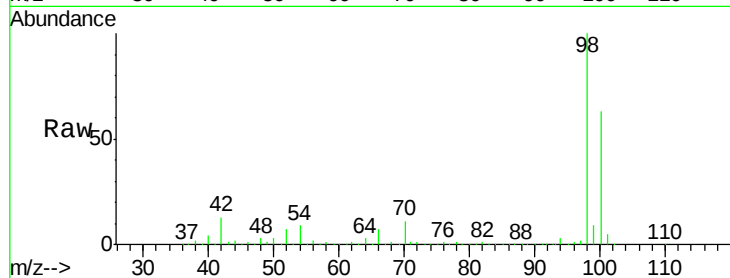
Z5TB04-180607

Tot Ion: 98 Resp: 481132

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

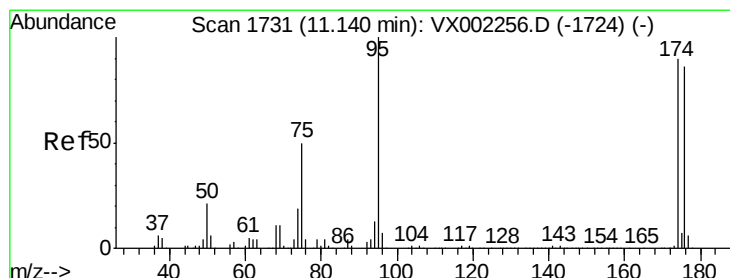
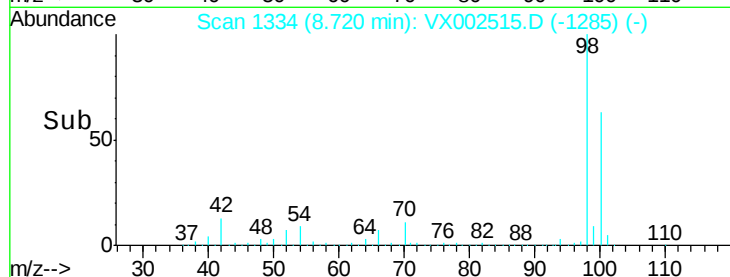
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.190 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002515.D

Acq: 13 Jun 2018 18:15

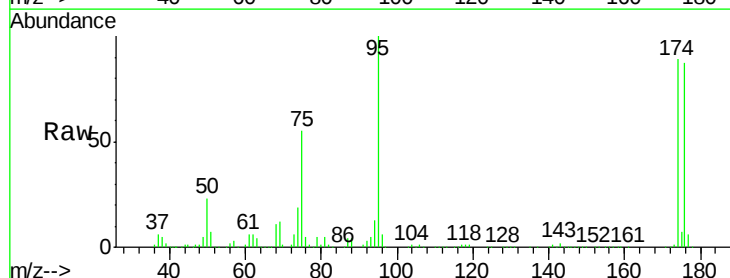
Tgt Ion: 95 Resp: 163992

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 91.3 0.0 181.0



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

11.14

150000

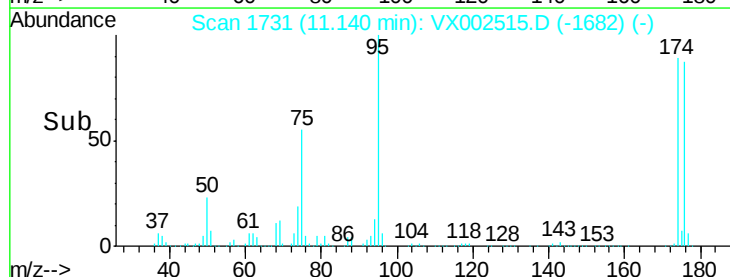
100000

50000

0

Time-->

11.10 11.20

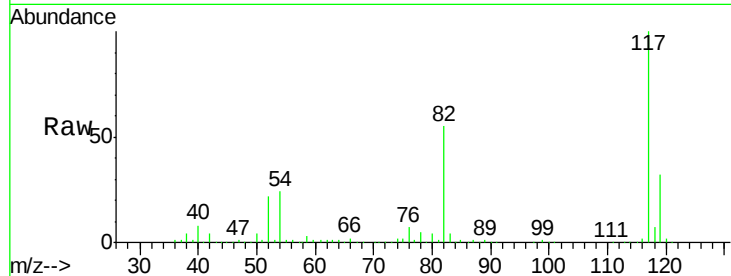




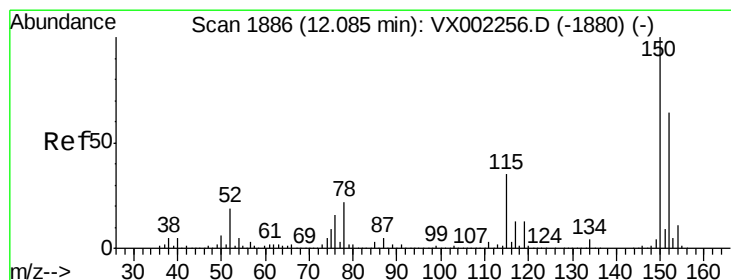
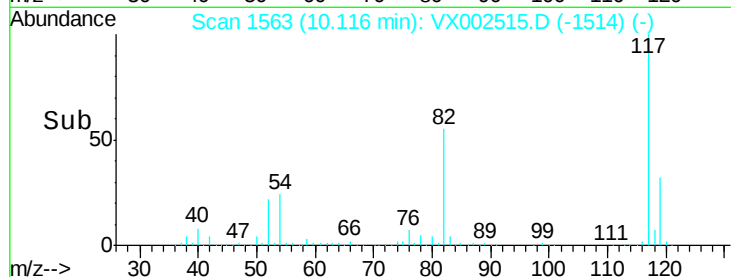
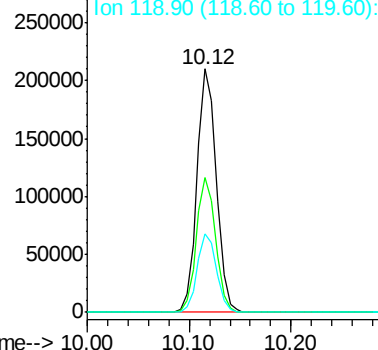
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002515.D
Acq: 13 Jun 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
Z5TB04-180607

Tot Ion:117 Resp: 276965
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.3 25.8 38.6

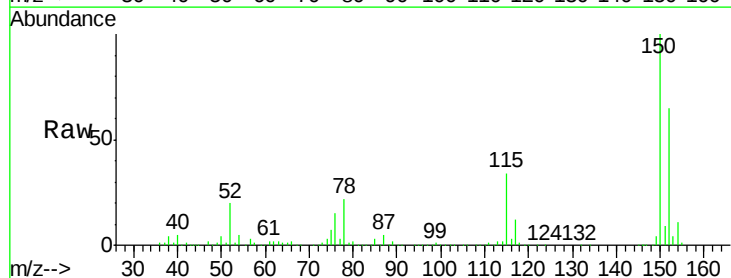


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002515.D
Acq: 13 Jun 2018 18:15

Tgt Ion:152 Resp: 153972
Ion Ratio Lower Upper
152 100
115 54.4 40.1 120.2
150 156.0 0.0 347.2



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

