

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010301.D
 Acq On : 14 Jun 2019 15:29
 Operator : JC/SP
 Sample : K3349-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB14-190612

Quant Time: Jun 15 01:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143600	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
35) Dibromofluoromethane	5.50	113	145016	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	553678	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	182458	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	

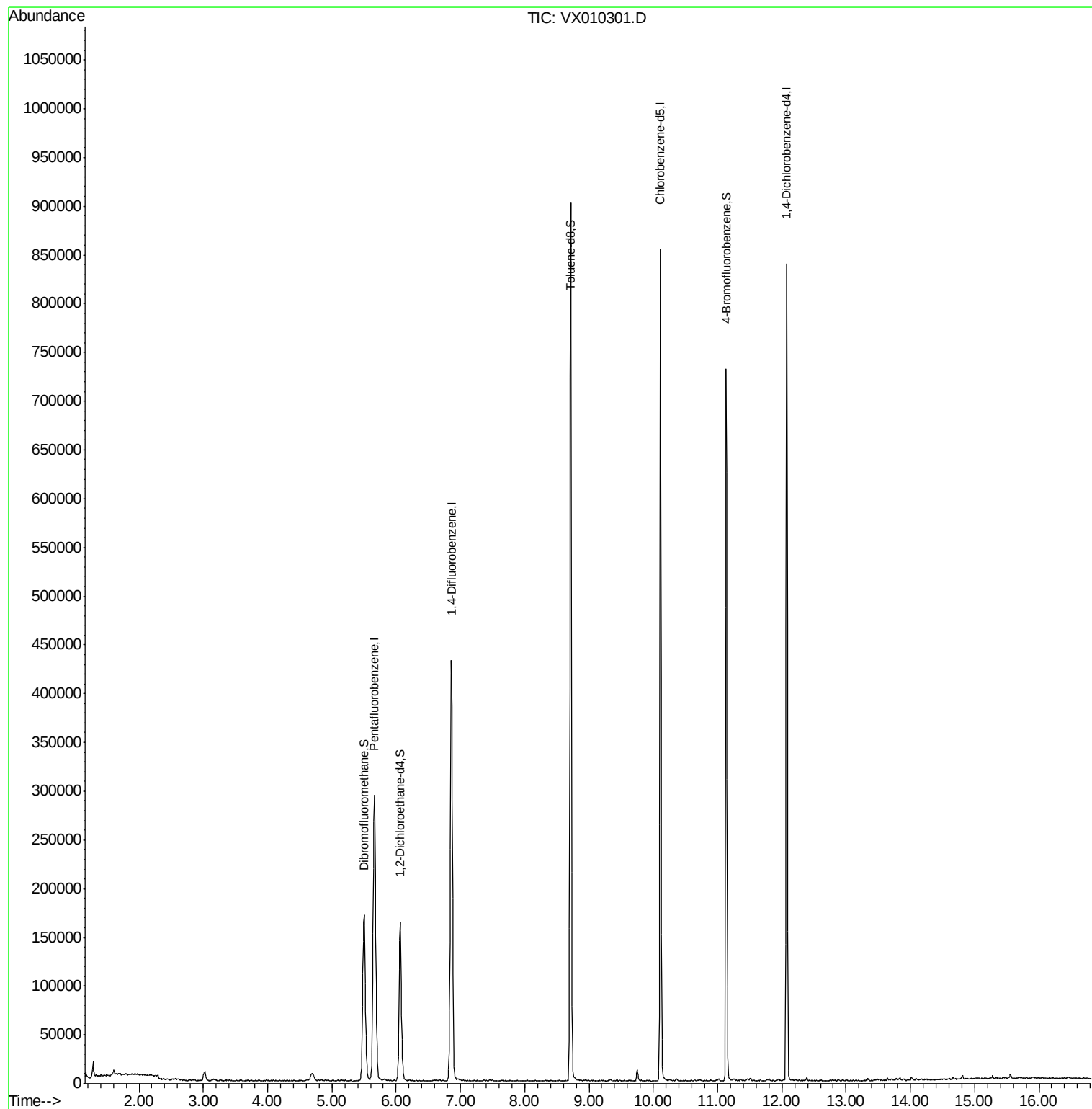
Target Compounds	Qvalue
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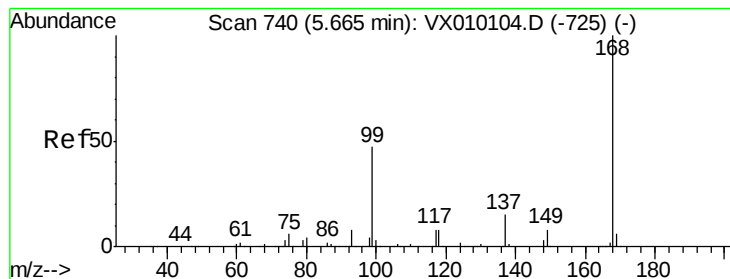
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010301.D

Acq: 14 Jun 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

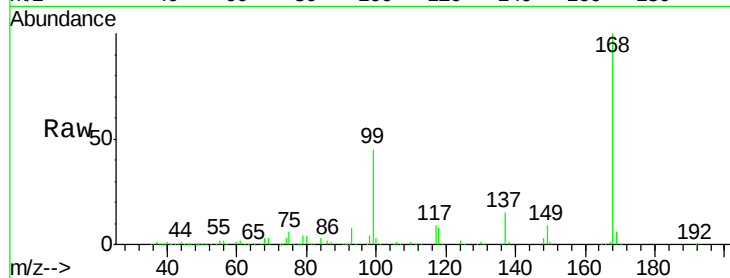
Z1-TB14-190612

Tot Ion:168 Resp: 316509

Ion Ratio Lower Upper

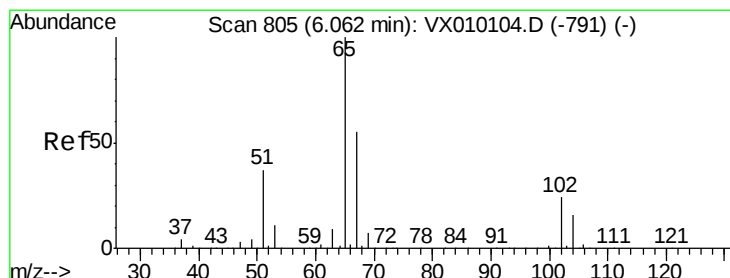
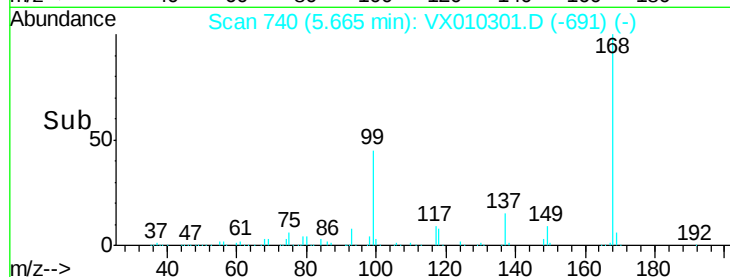
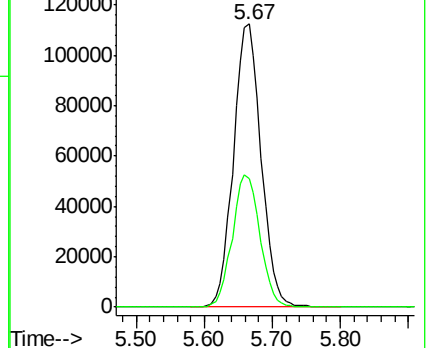
168 100

99 45.2 43.0 64.6



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: 46.480 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010301.D

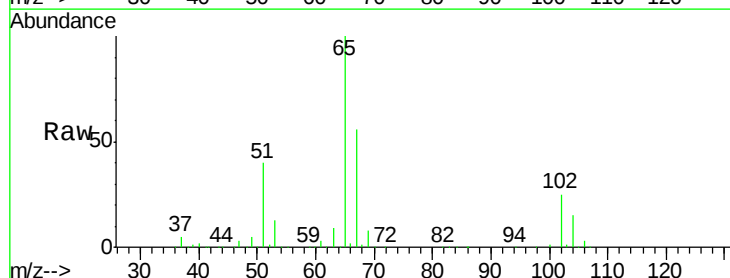
Acq: 14 Jun 2019 15:29

Tgt Ion: 65 Resp: 143600

Ion Ratio Lower Upper

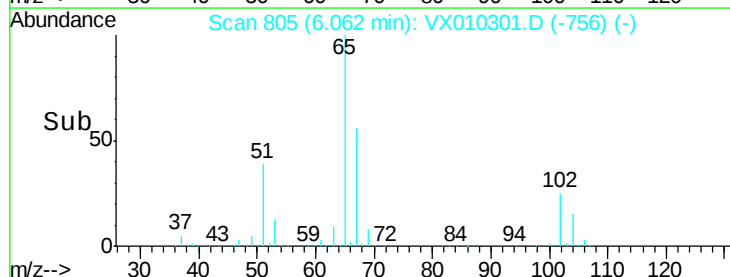
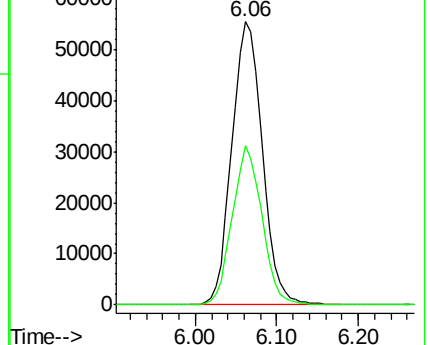
65 100

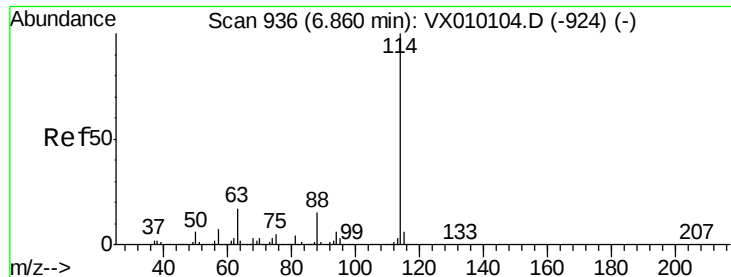
67 54.5 0.0 108.4



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. -0.00 min

Lab File: VX010301.D

Acq: 14 Jun 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB14-190612

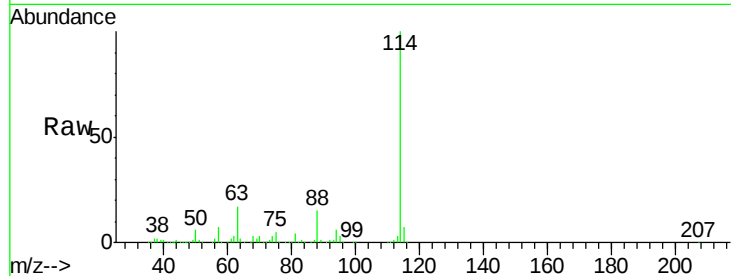
Tot Ion:114 Resp: 479069

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

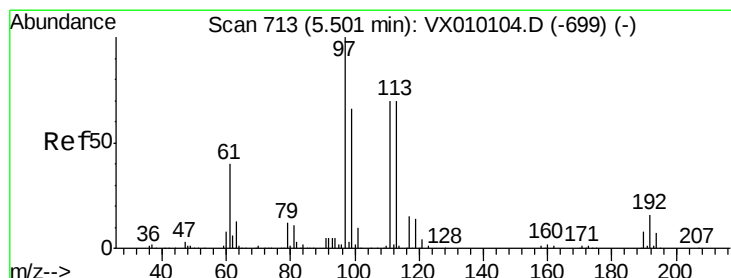
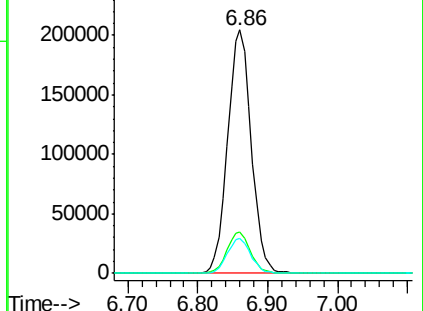
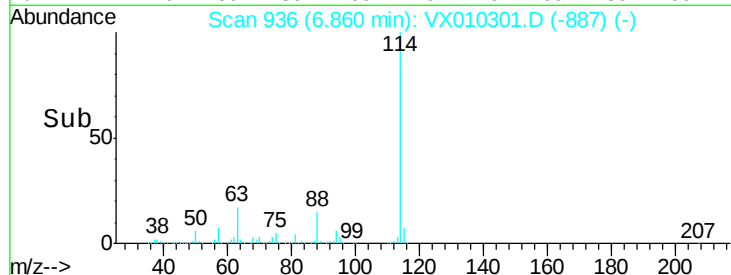
88 14.5 0.0 33.0



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: 49.075 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010301.D

Acq: 14 Jun 2019 15:29

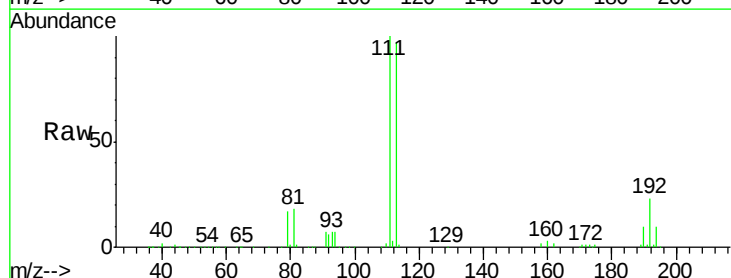
Tgt Ion:113 Resp: 145016

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

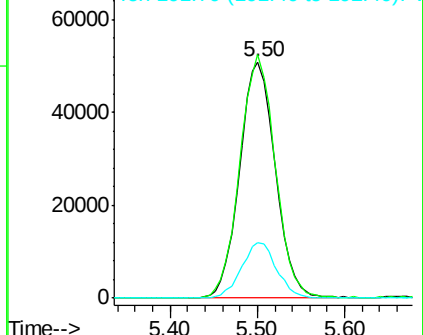
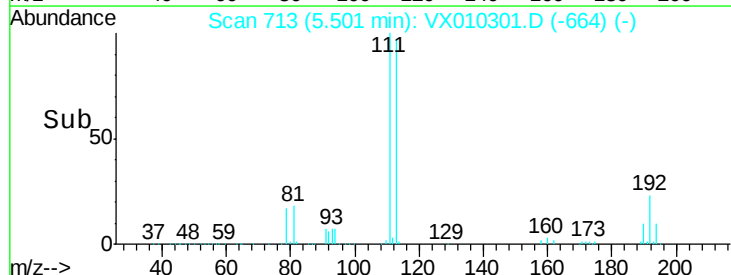
192 23.2 17.1 25.7

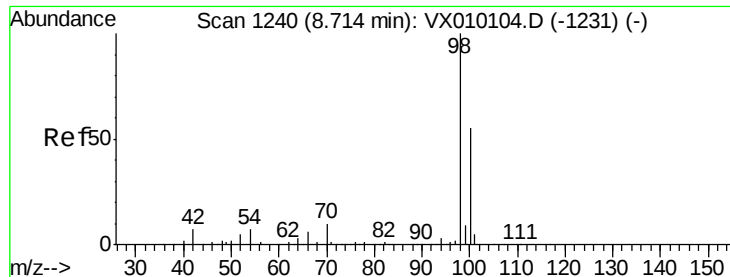


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.994 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010301.D

Acq: 14 Jun 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

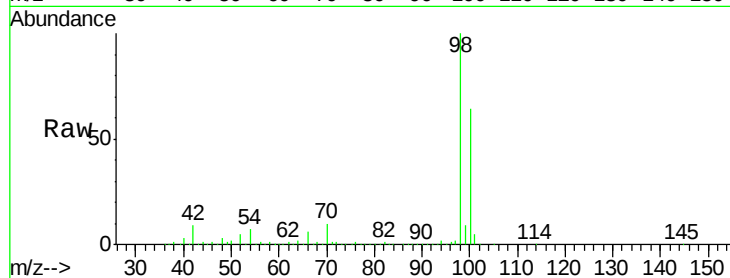
Z1-TB14-190612

Tot Ion: 98 Resp: 553678

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

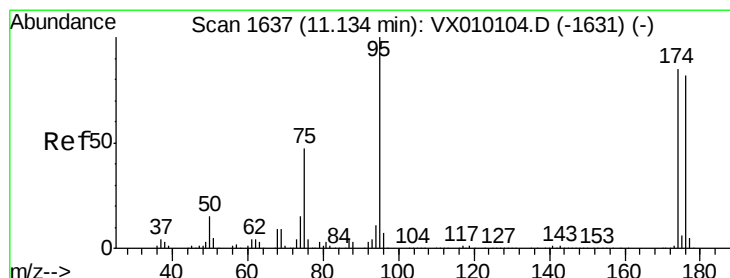
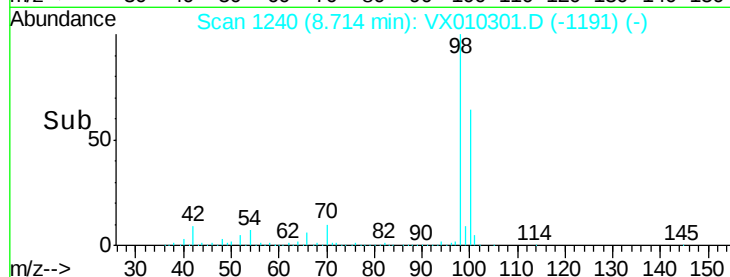
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.114 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010301.D

Acq: 14 Jun 2019 15:29

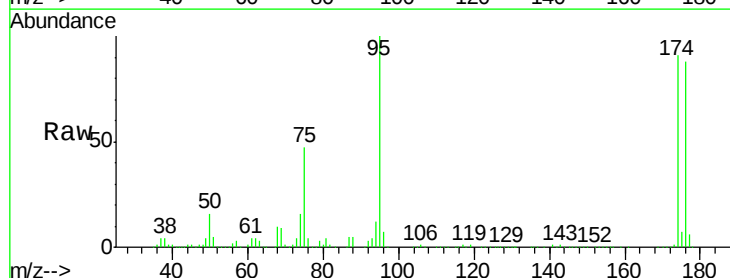
Tgt Ion: 95 Resp: 182458

Ion Ratio Lower Upper

95 100

174 95.0 0.0 160.4

176 92.7 0.0 154.6



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

200000

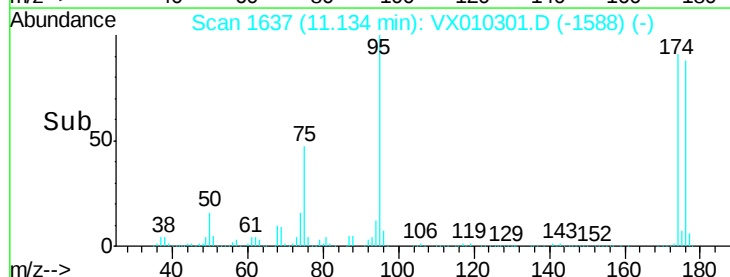
150000

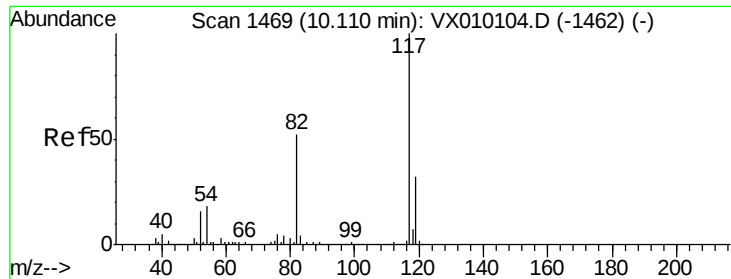
100000

50000

0

Time-->

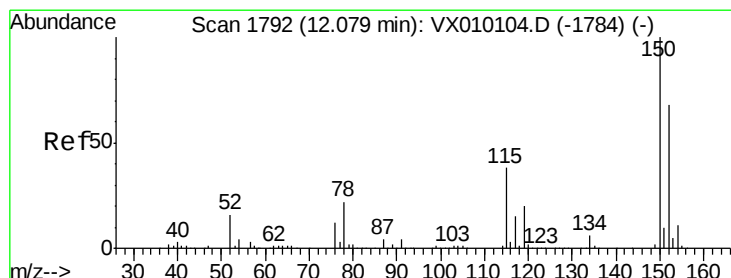
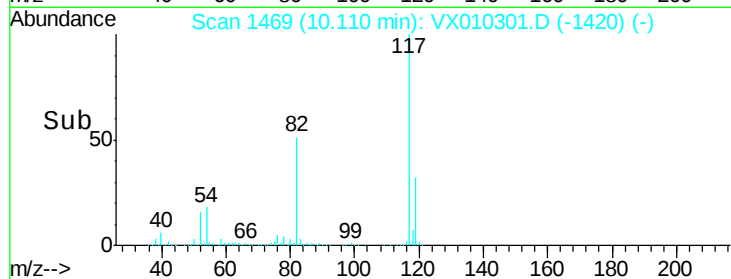
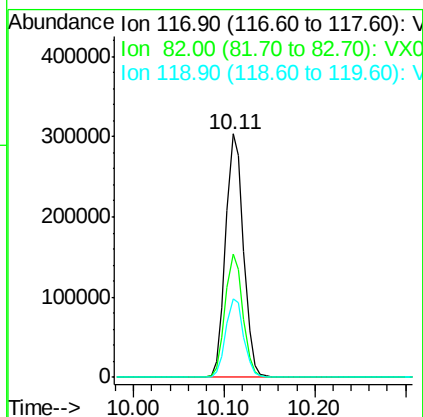
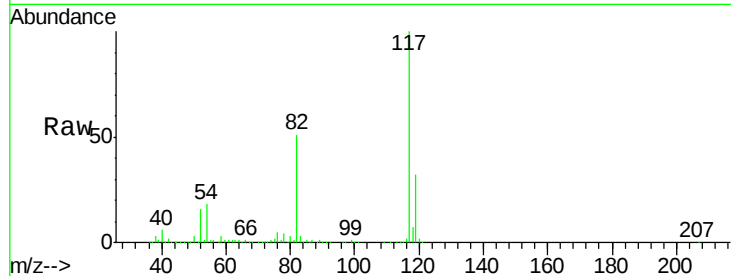




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010301.D
Acq: 14 Jun 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB14-190612

Tot Ion:117 Resp: 418039
Ion Ratio Lower Upper
117 100
82 50.7 49.2 73.8
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010301.D
Acq: 14 Jun 2019 15:29

Tgt Ion:152 Resp: 192762
Ion Ratio Lower Upper
152 100
115 53.3 41.4 124.2
150 155.0 0.0 345.2

