

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003992.D
 Acq On : 13 Aug 2018 11:35
 Operator : JC/MD
 Sample : VX0813WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

Quant Time: Aug 14 03:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	284857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198256	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	169377	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.71	98	642785	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	206066	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

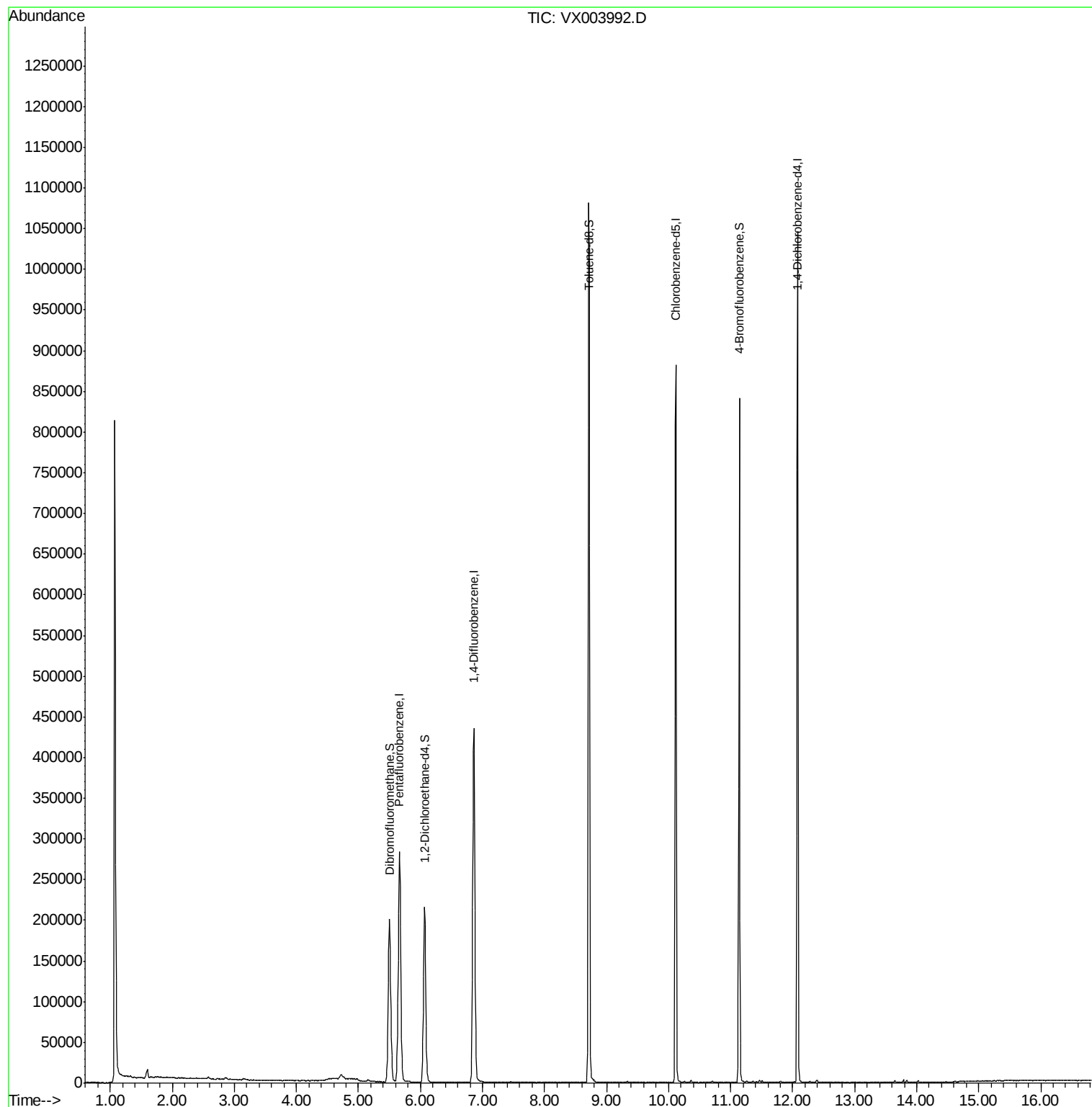
Target Compounds	Qvalue

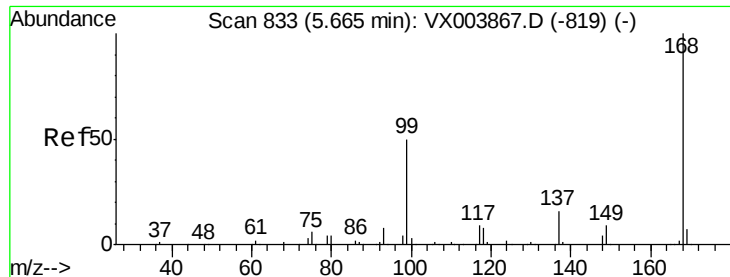
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003992.D

Acq: 13 Aug 2018 11:35

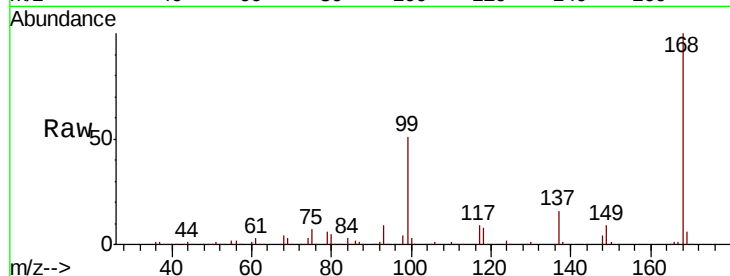
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Tot Ion:168 Resp: 284857

Ion Ratio Lower Upper

168 100

99 51.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

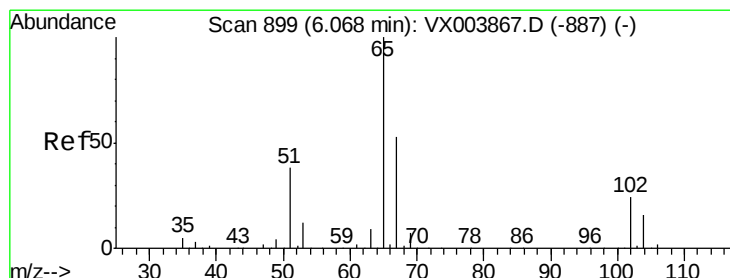
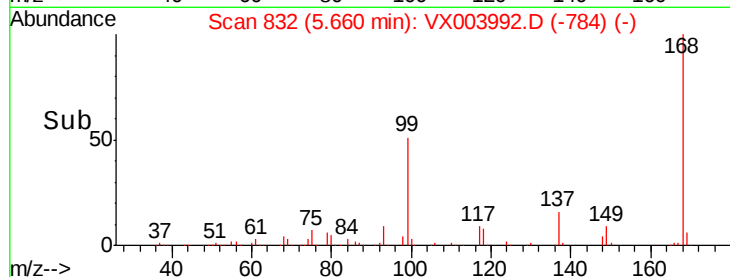
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.50 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003992.D

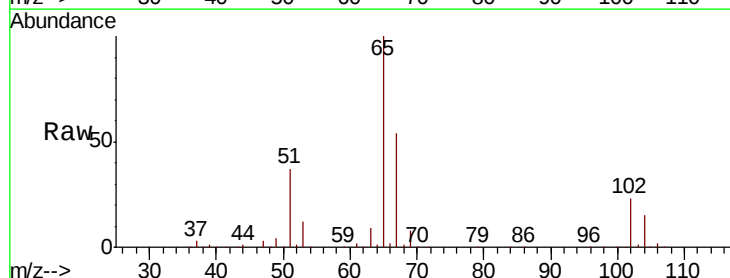
Acq: 13 Aug 2018 11:35

Tgt Ion: 65 Resp: 198256

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

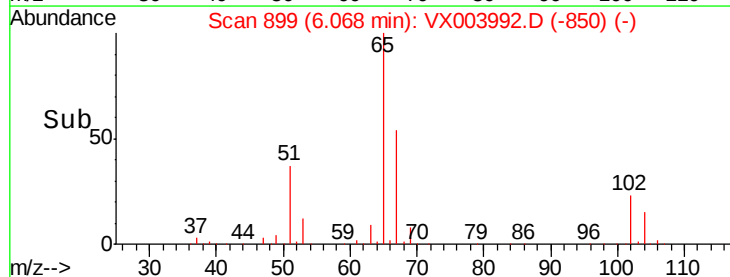
40000

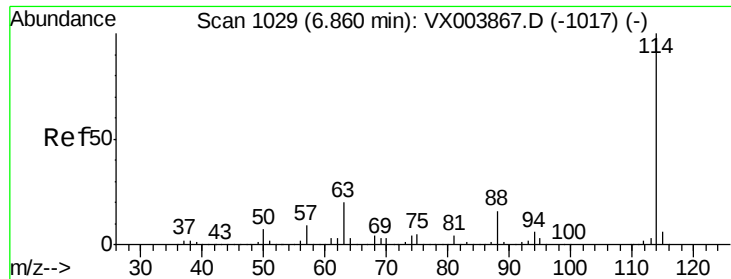
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX003992.D

Acq: 13 Aug 2018 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBL01

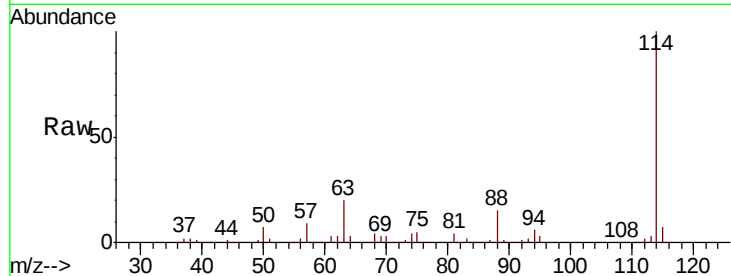
Tot Ion:114 Resp: 447343

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

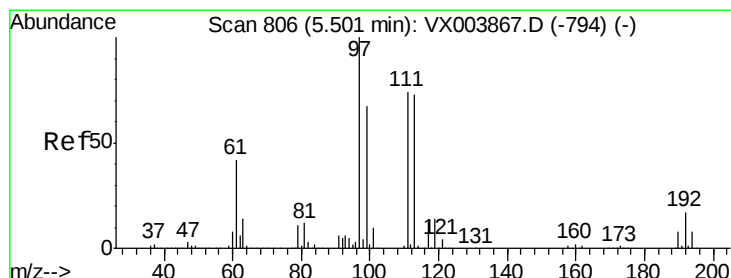
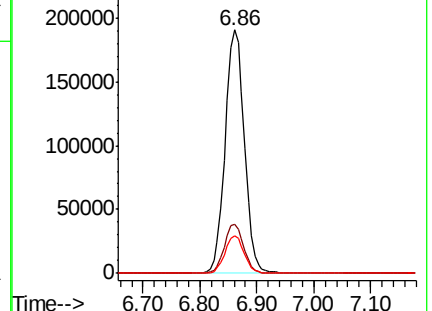
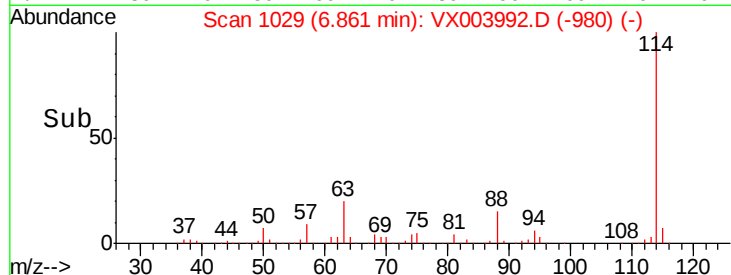
88 15.4 0.0 32.0



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: 49.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003992.D

Acq: 13 Aug 2018 11:35

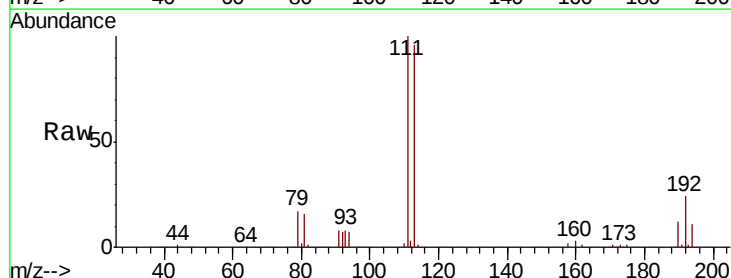
Tgt Ion:113 Resp: 169377

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

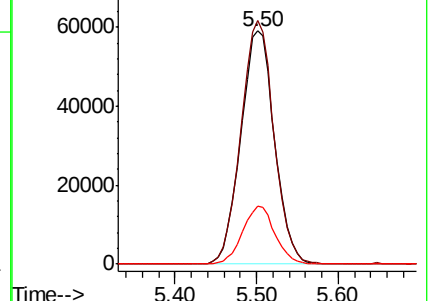
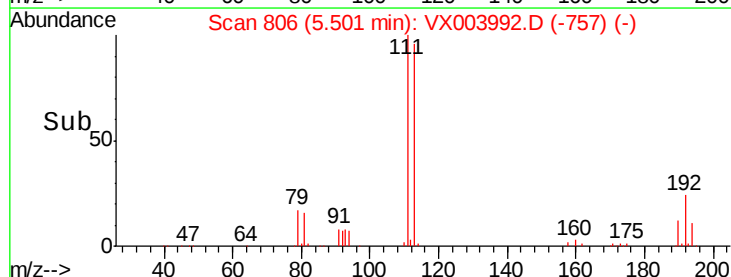
192 23.8 19.0 28.4

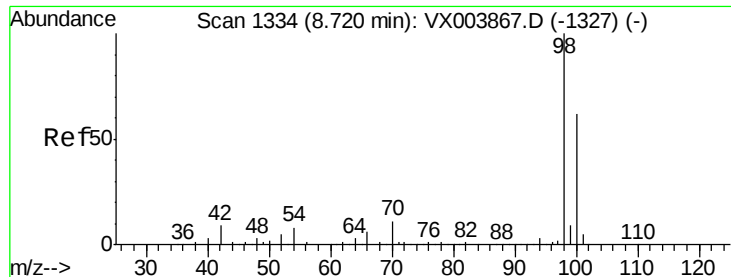


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.77 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003992.D

Acq: 13 Aug 2018 11:35

Instrument :

MSVOA_X

ClientSampleId :

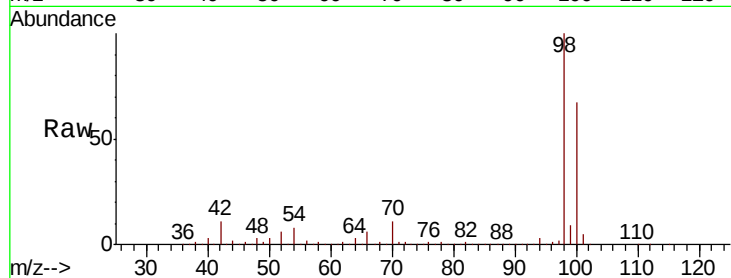
VX0813WBL01

Tot Ion: 98 Resp: 642785

Ion Ratio Lower Upper

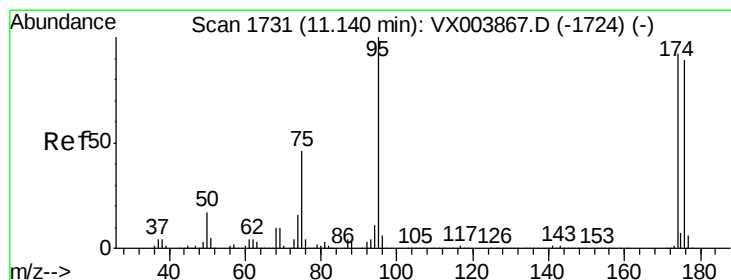
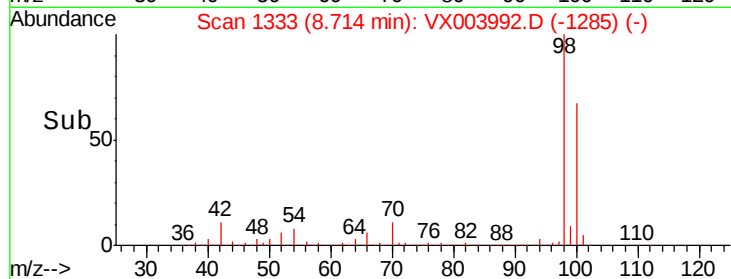
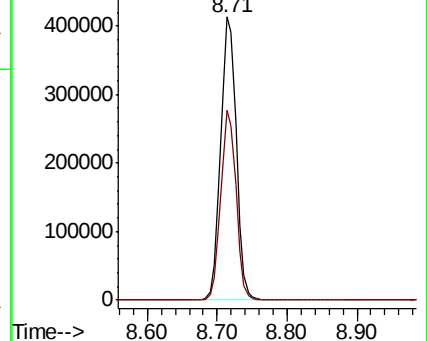
98 100

100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 48.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003992.D

Acq: 13 Aug 2018 11:35

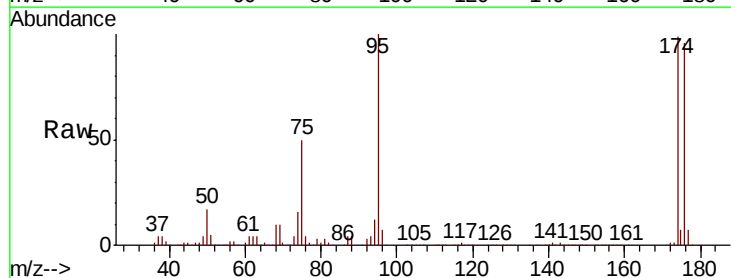
Tgt Ion: 95 Resp: 206066

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.8

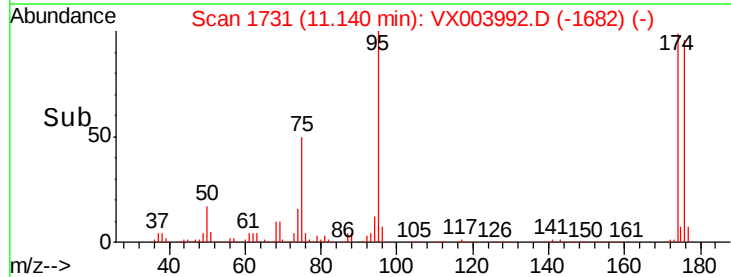
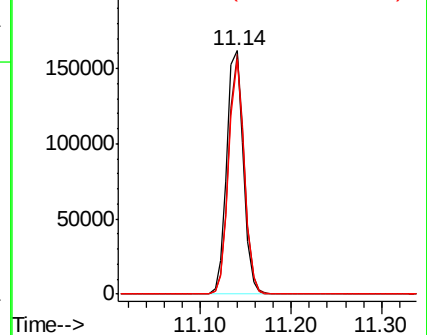
176 90.6 0.0 179.0

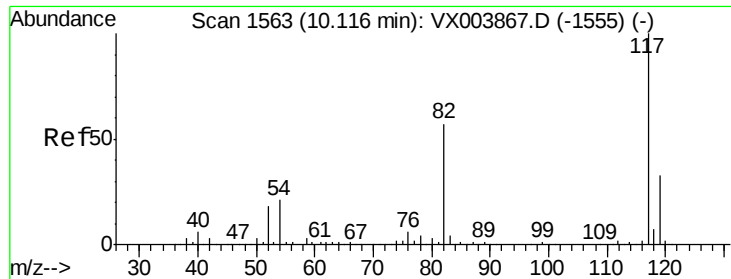


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

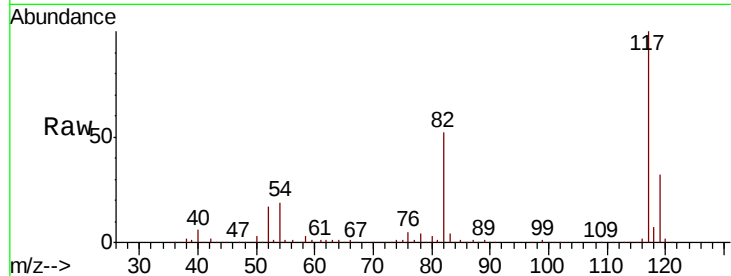




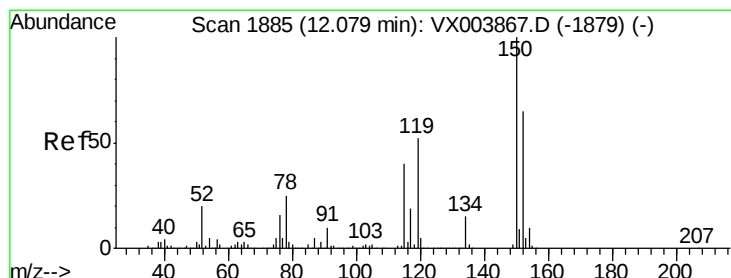
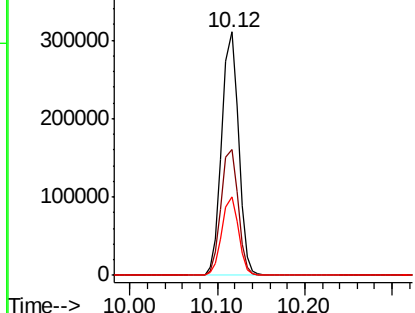
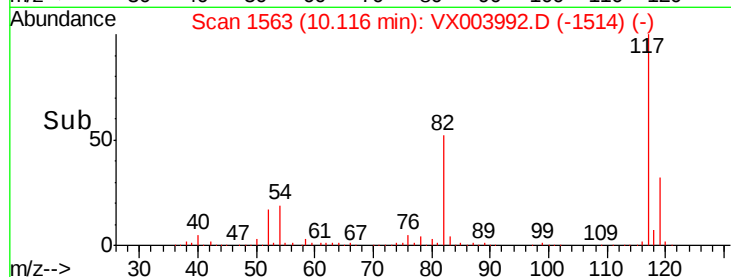
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003992.D
Acq: 13 Aug 2018 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Tot Ion:117 Resp: 412144
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 32.2 26.6 40.0

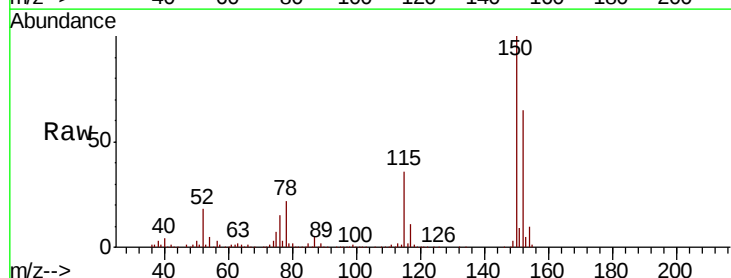


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003992.D
Acq: 13 Aug 2018 11:35

Tgt Ion:152 Resp: 215668
Ion Ratio Lower Upper
152 100
115 55.3 39.1 117.3
150 156.6 0.0 349.2



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

