

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012785.D
 Acq On : 03 Oct 2019 15:50
 Operator : JC/SP
 Sample : K5189-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20190930

Quant Time: Oct 04 07:21:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100367	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	117408	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	88929	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	8.71	98	341401	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	116433	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

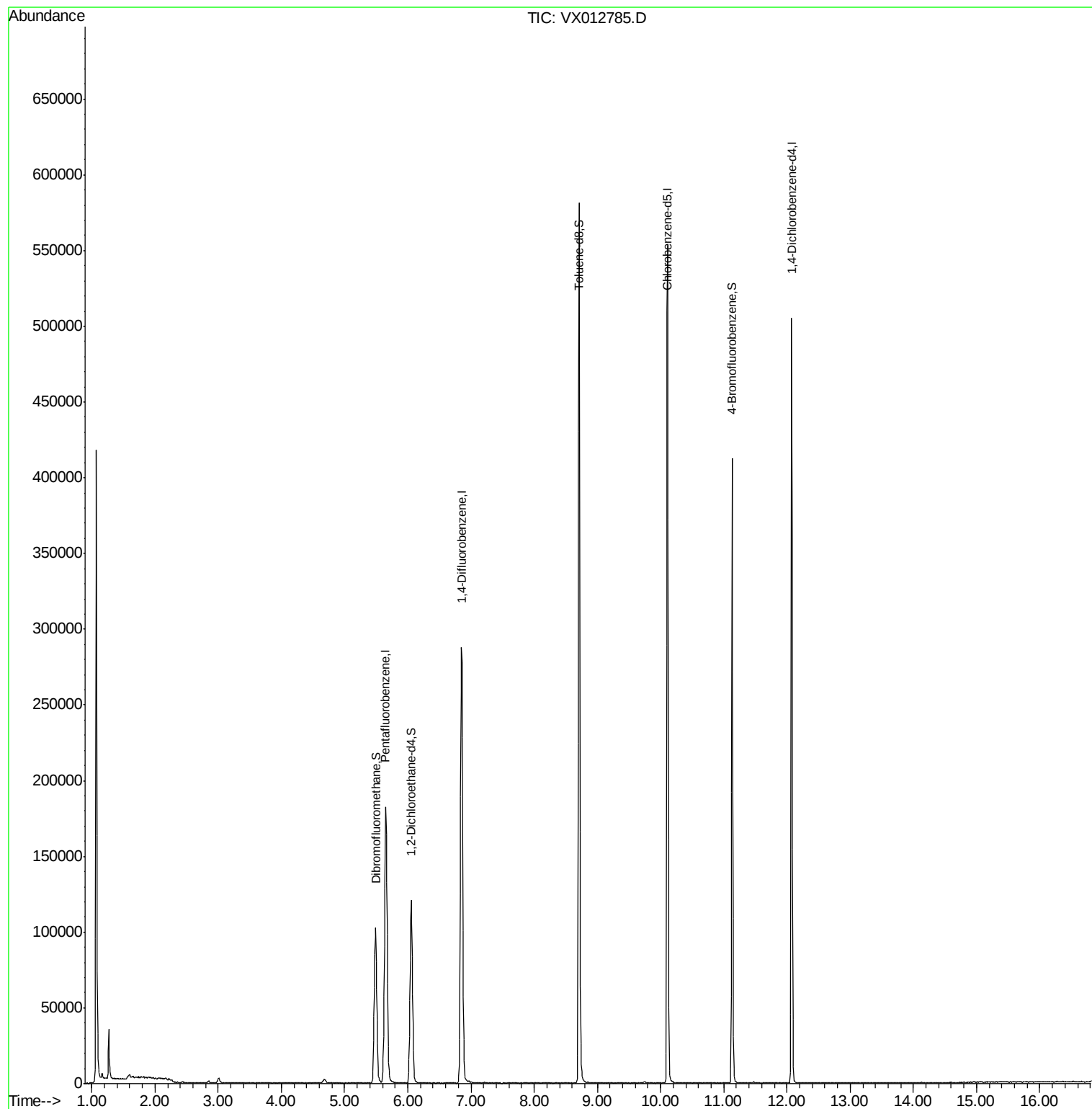
Target Compounds	Qvalue
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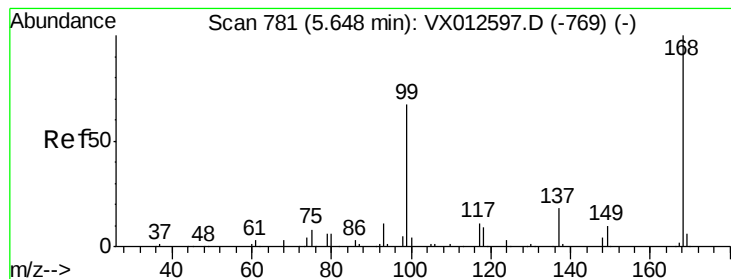
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

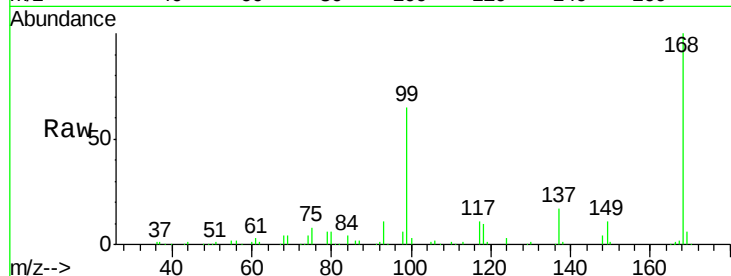
TB02-20190930

Tot Ion:168 Resp: 166283

Ion Ratio Lower Upper

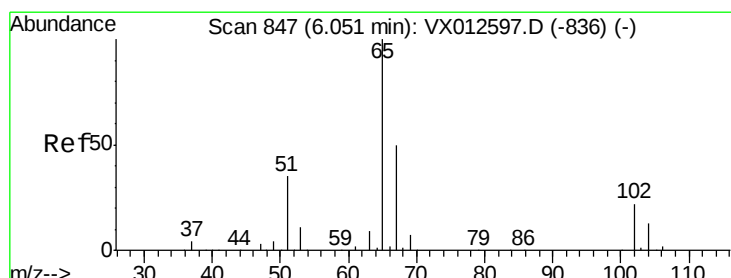
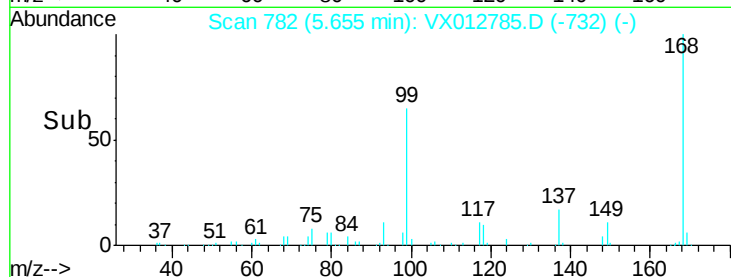
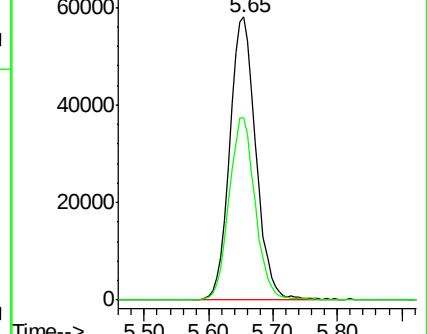
168 100

99 64.6 51.4 77.2



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: 48.488 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012785.D

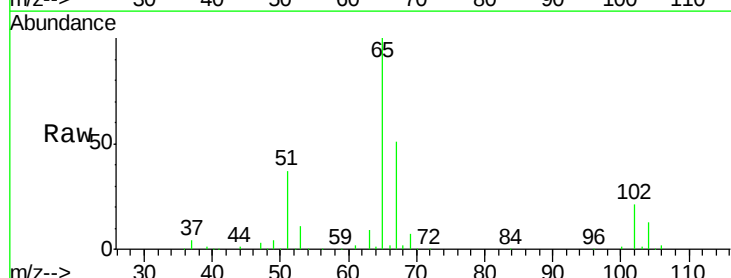
Acq: 03 Oct 2019 15:50

Tgt Ion: 65 Resp: 117408

Ion Ratio Lower Upper

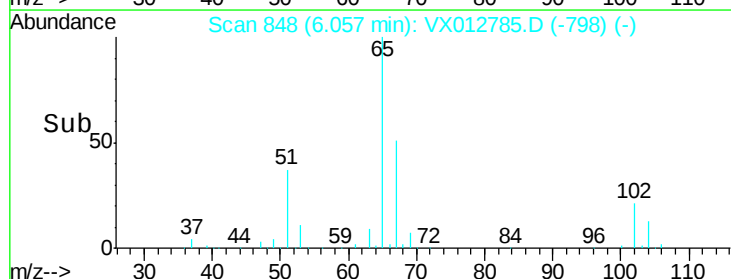
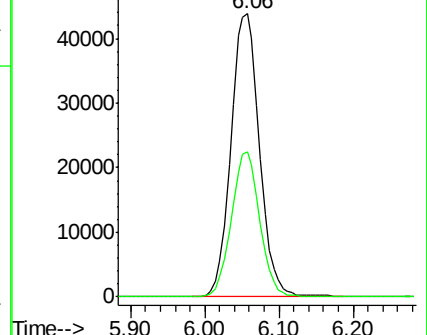
65 100

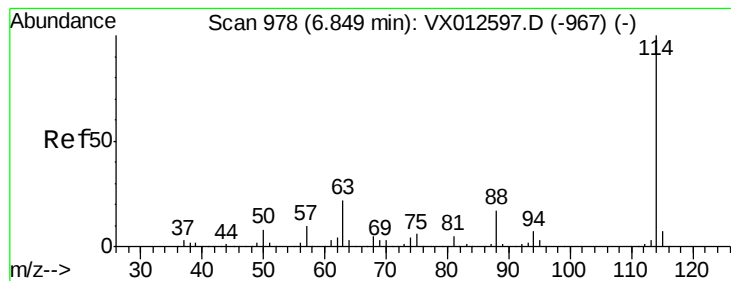
67 50.6 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

TB02-20190930

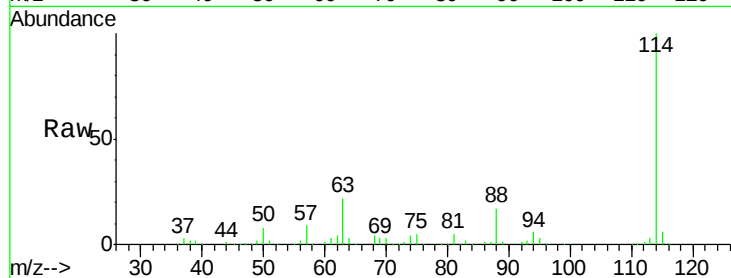
Tot Ion:114 Resp: 289458

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 17.4 0.0 33.2



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

6.85

150000

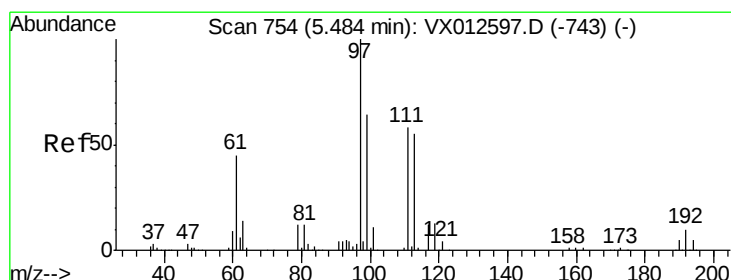
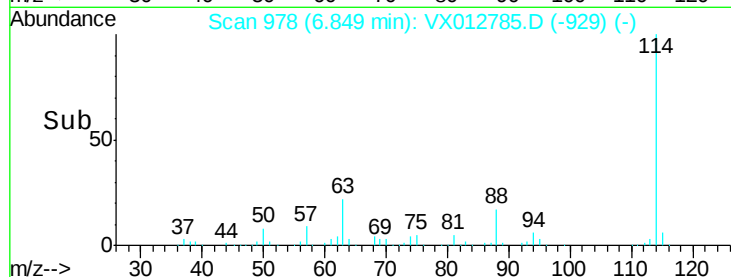
100000

50000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 51.588 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

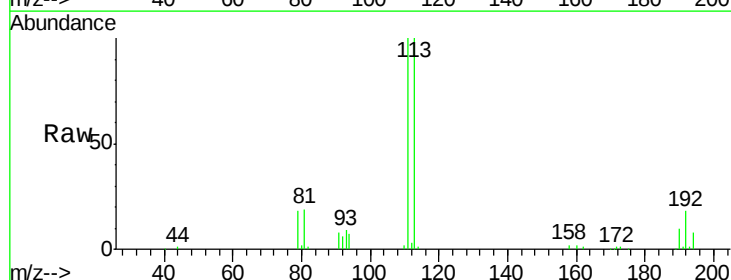
Tgt Ion:113 Resp: 88929

Ion Ratio Lower Upper

113 100

111 99.7 83.4 125.2

192 18.2 14.4 21.6



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

5.49

40000

30000

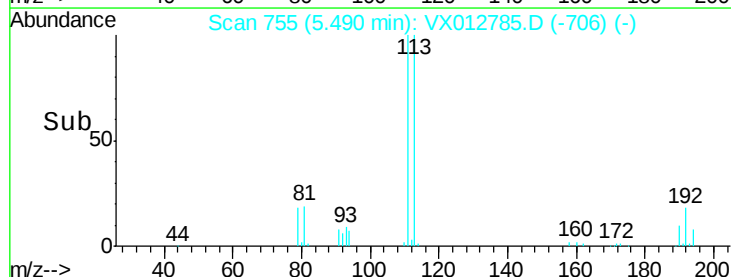
20000

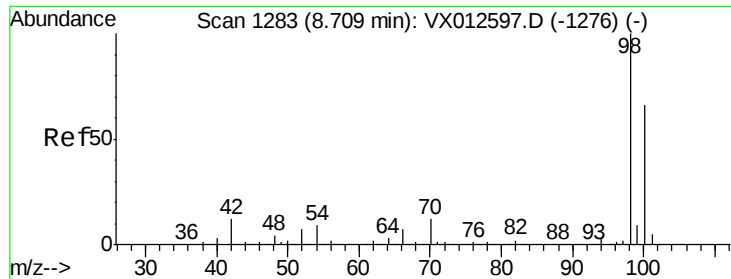
10000

0

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.426 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

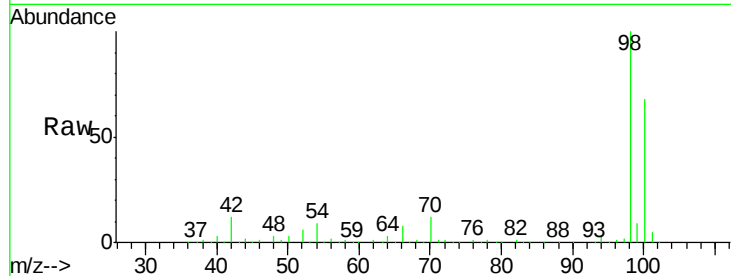
TB02-20190930

Tot Ion: 98 Resp: 341401

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012597.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX012597.D (-1276) (-)

8.71

250000

200000

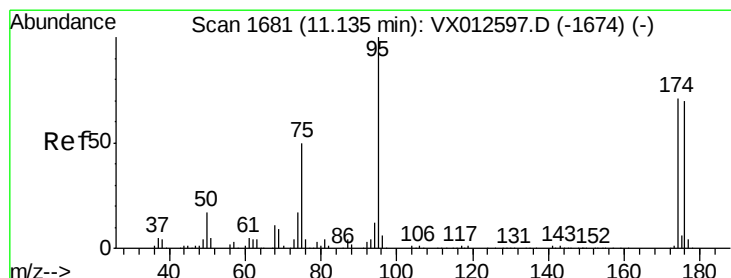
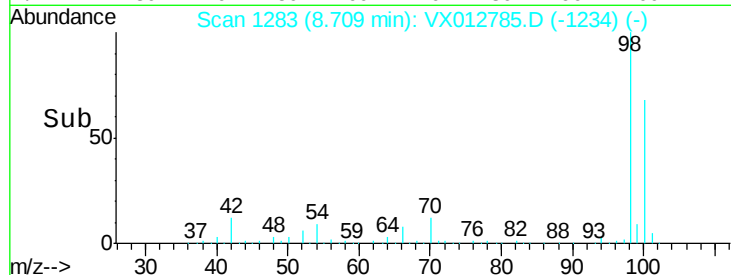
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.605 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

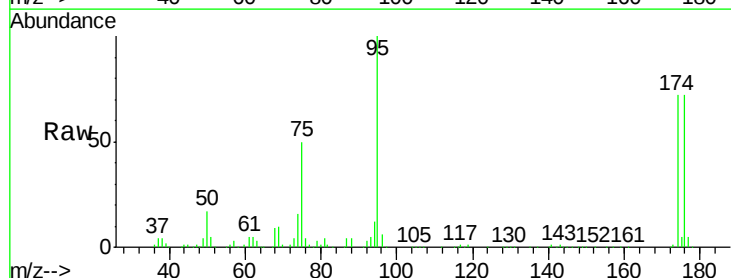
Tgt Ion: 95 Resp: 116433

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

176 68.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)

120000

100000

80000

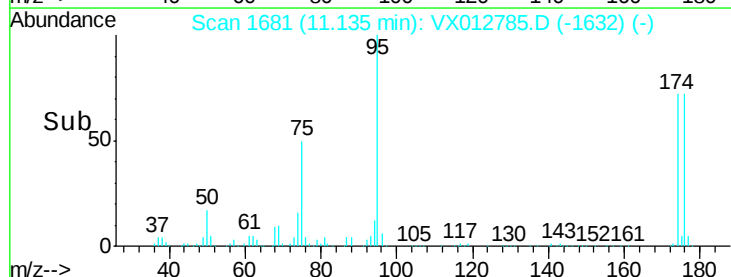
60000

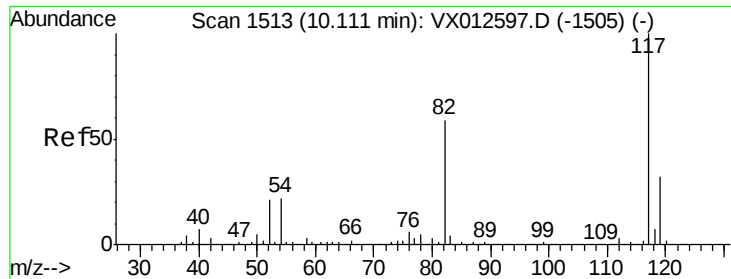
40000

20000

0

Time-->

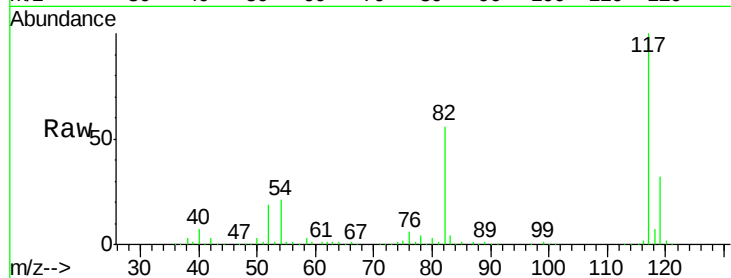




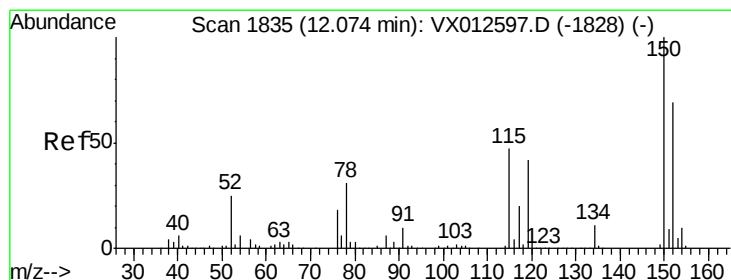
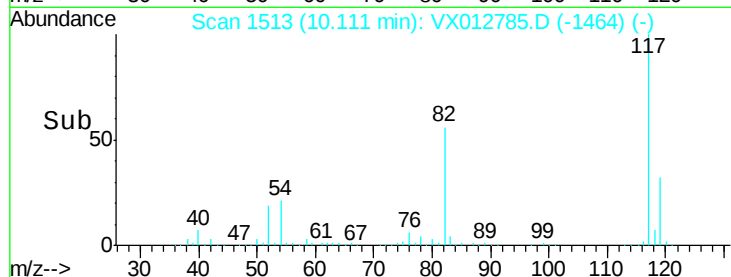
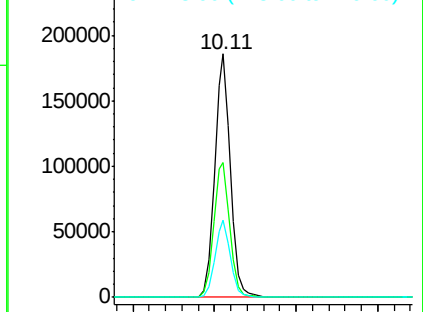
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
TB02-20190930

Tot Ion:117 Resp: 252545
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 31.6 25.3 37.9

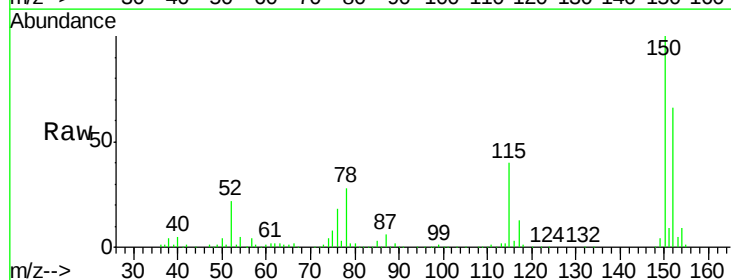


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion:152 Resp: 100367
Ion Ratio Lower Upper
152 100
115 62.7 44.1 132.3
150 155.1 0.0 343.8



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

