

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063419.D
 Acq On : 7 Aug 2019 12:47
 Operator : JC/SY
 Sample : K4192-02RE
 Misc : 4.92g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIPLE-BARREL-BC-WESTRE

Quant Time: Aug 08 08:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	900139	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1268694	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	815410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	254916	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	477706	47.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	6.93	113	514116	47.46	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.42	98	980125	40.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.86%	
62) 4-Bromofluorobenzene	13.56	95	301313	27.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.56%	

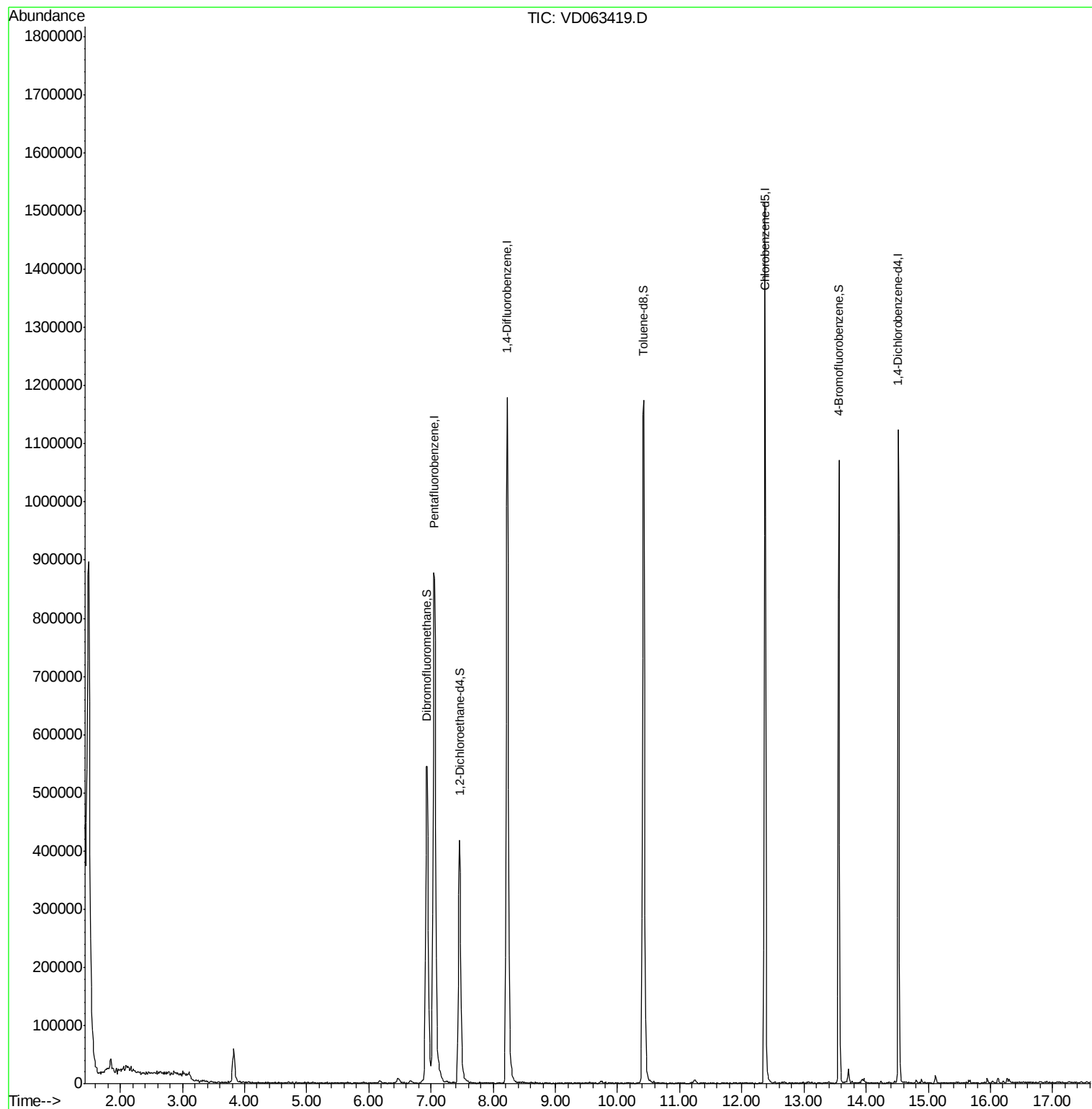
Target Compounds	Qvalue

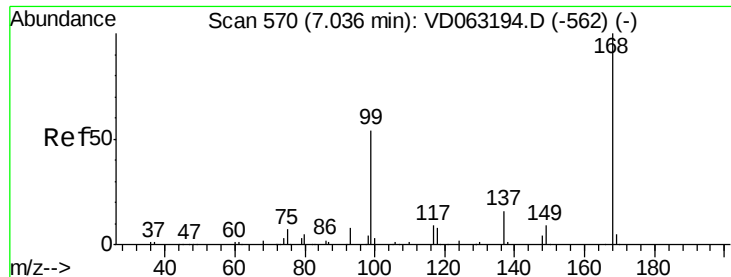
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063419.D

Acq: 7 Aug 2019 12:47

Instrument :

MSVOA_D

ClientSampleId :

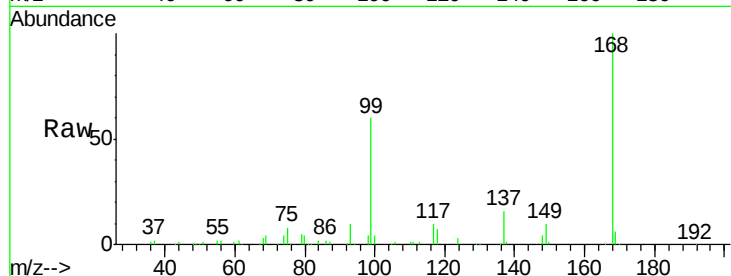
TRIPLE-BARREL-BC-WESTRE

Tot Ion:168 Resp: 900139

Ion Ratio Lower Upper

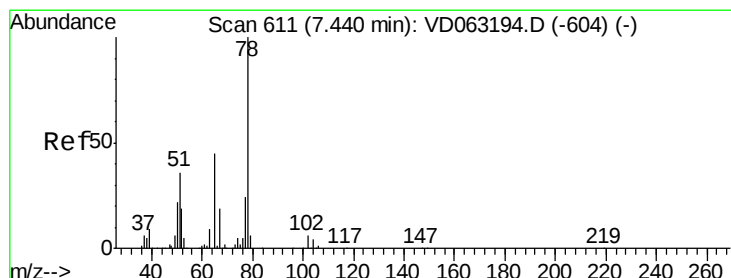
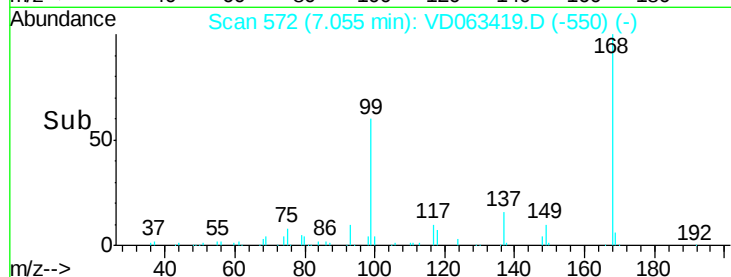
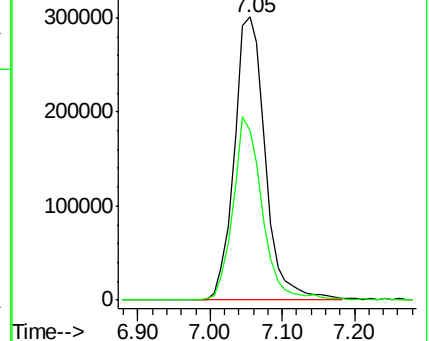
168 100

99 59.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.828 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063419.D

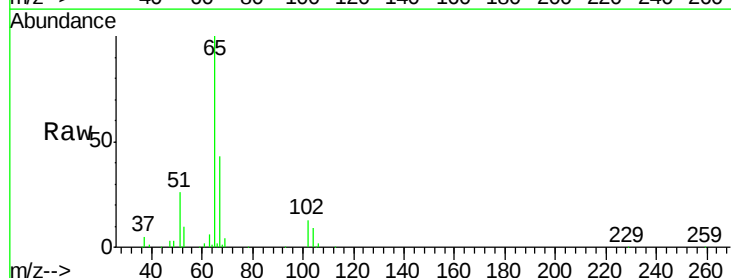
Acq: 7 Aug 2019 12:47

Tgt Ion: 65 Resp: 477706

Ion Ratio Lower Upper

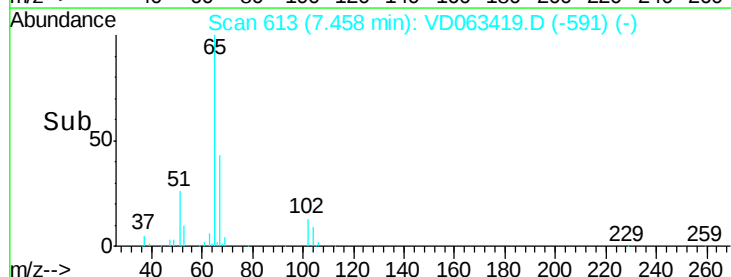
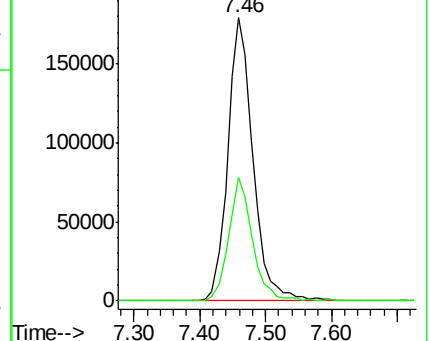
65 100

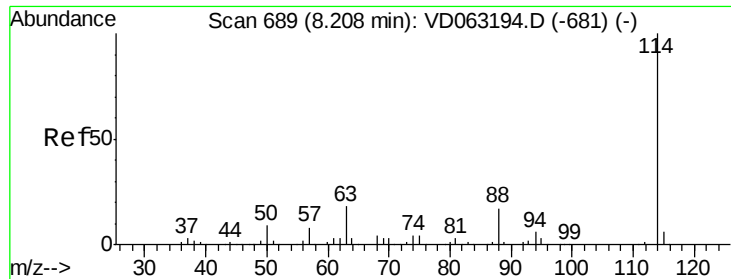
67 43.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

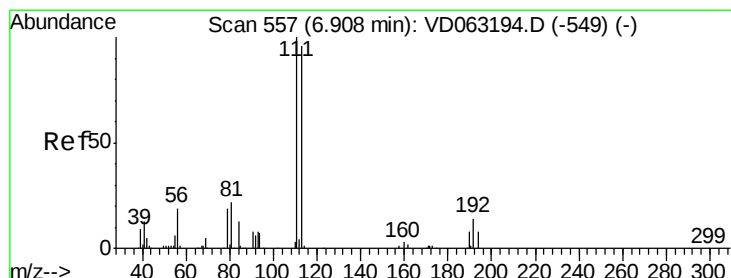
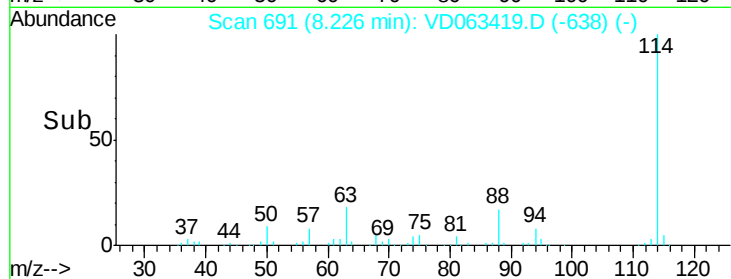
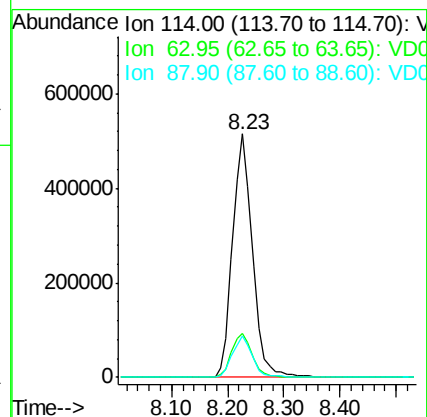
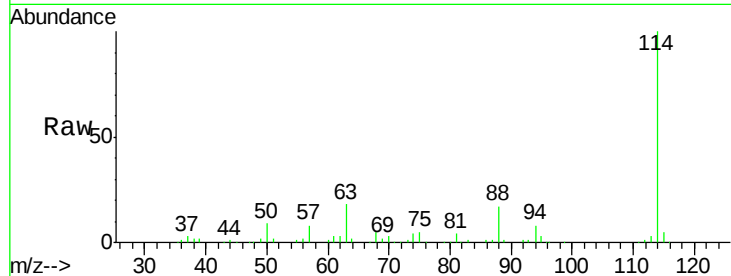




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063419.D
 Acq: 7 Aug 2019 12:47

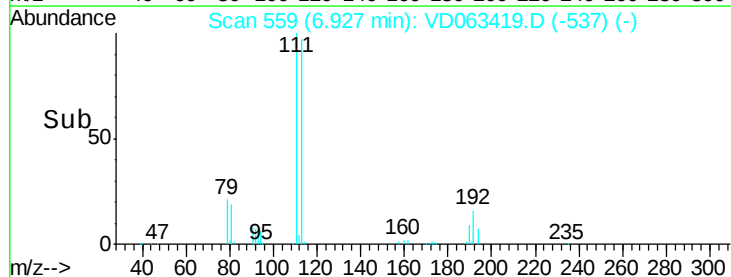
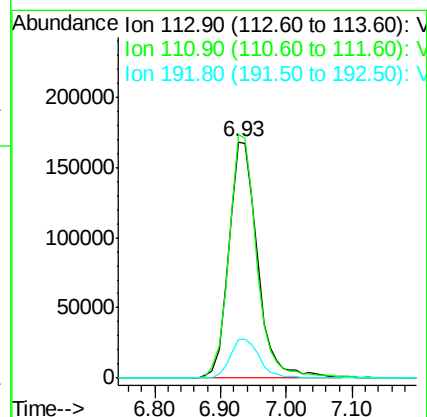
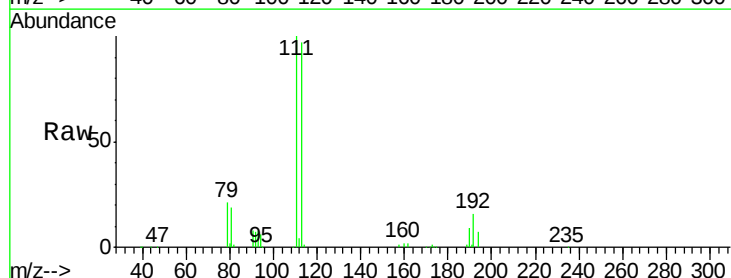
Instrument :
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 TRIPLE-BARREL-BC-WESTRE

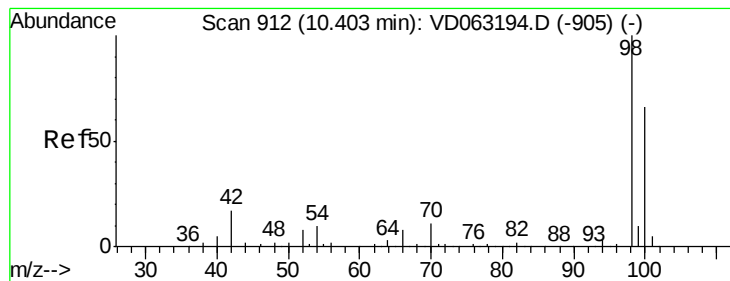
Tot Ion:114 Resp: 1268694
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 16.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 47.463 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063419.D
 Acq: 7 Aug 2019 12:47

Tgt Ion:113 Resp: 514116
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.2 124.8
 192 16.2 11.8 17.8





#50

Toluene-d8

Concen: 40.431 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063419.D

Acq: 7 Aug 2019 12:47

Instrument :

MSVOA_D

ClientSampleId :

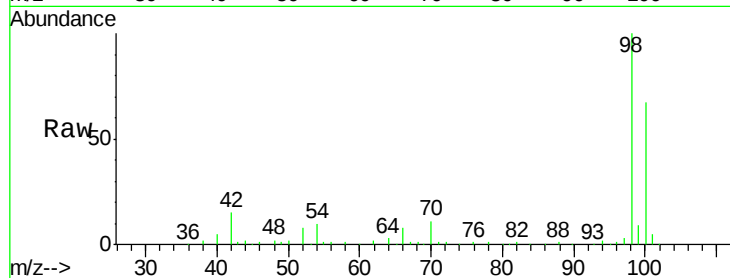
TRIPLE-BARREL-BC-WESTRE

Tot Ion: 98 Resp: 980125

Ion Ratio Lower Upper

98 100

100 67.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

400000

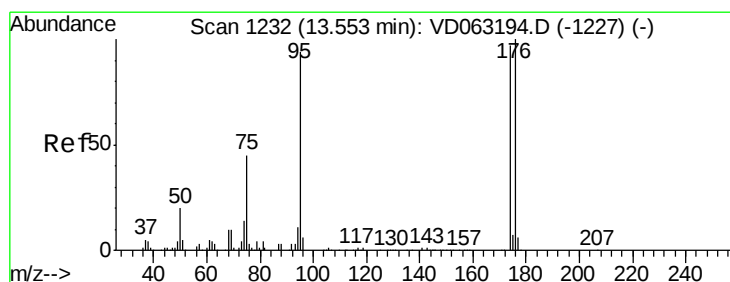
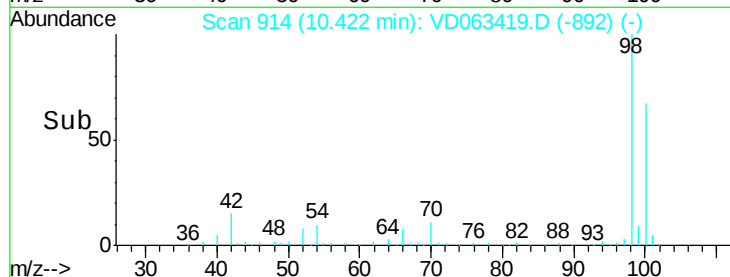
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.276 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063419.D

Acq: 7 Aug 2019 12:47

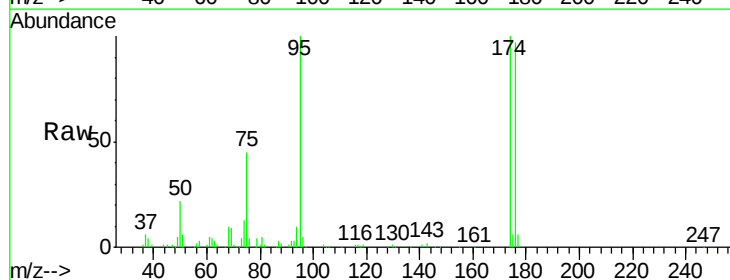
Tgt Ion: 95 Resp: 301313

Ion Ratio Lower Upper

95 100

174 99.8 0.0 205.4

176 96.8 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

250000

200000

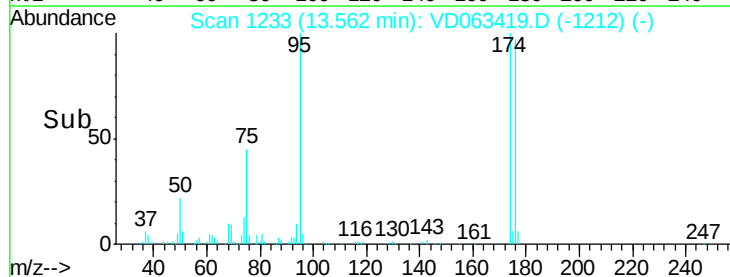
150000

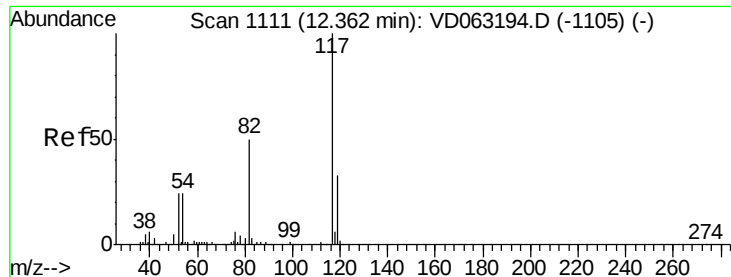
100000

50000

0

Time-->

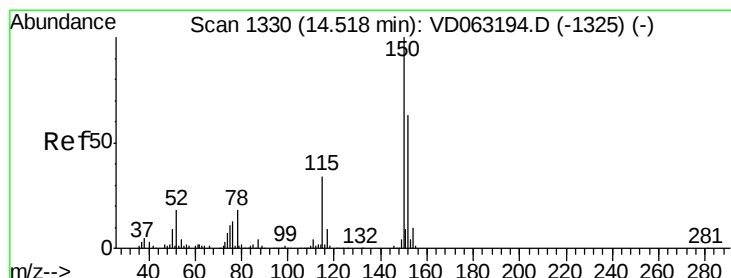
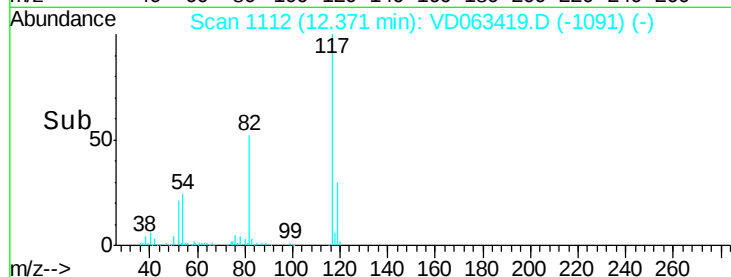
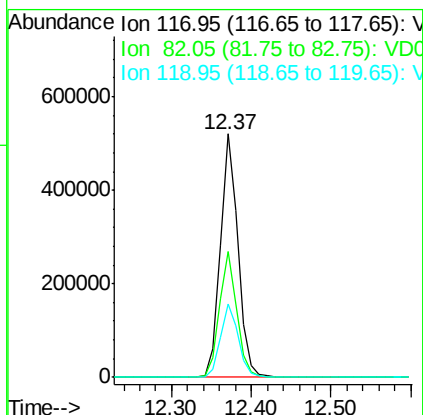
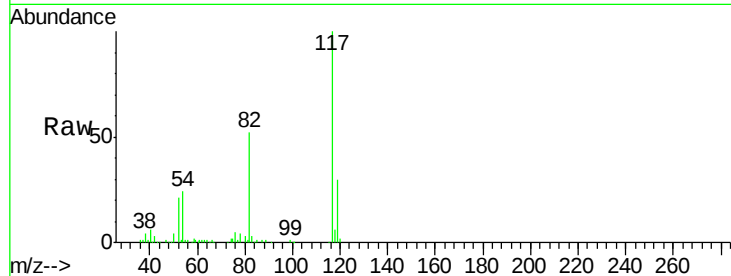




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063419.D
Acq: 7 Aug 2019 12:47

Instrument :
MSVOA_D
ClientSampleId :
TRIPLE-BARREL-BC-WESTRE

Tot Ion:117 Resp: 815410
Ion Ratio Lower Upper
117 100
82 51.9 40.1 60.1
119 30.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063419.D
Acq: 7 Aug 2019 12:47

Tgt Ion:152 Resp: 254916
Ion Ratio Lower Upper
152 100
115 61.8 27.5 82.4
150 156.3 0.0 320.6

