

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063130.D
 Acq On : 17 Jul 2019 14:39
 Operator : VA/AP
 Sample : K3826-03
 Misc : 5.14g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200036

Quant Time: Jul 18 07:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

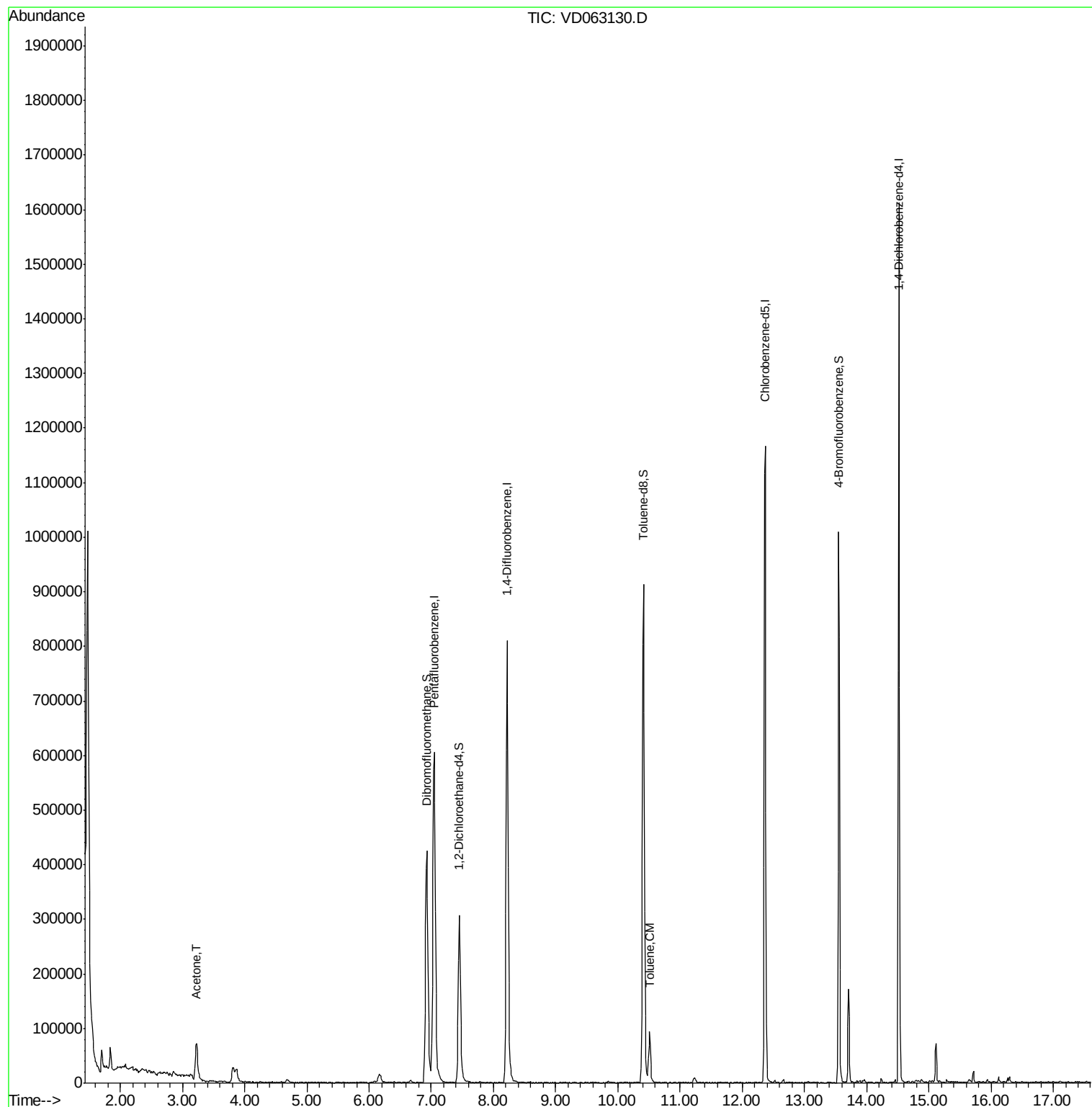
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	611293	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	845772	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	665146	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	323748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	336507	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
35) Dibromofluoromethane	6.93	113	372131	44.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.34%	
50) Toluene-d8	10.41	98	743216	41.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.14%	
62) 4-Bromofluorobenzene	13.55	95	295275	35.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.54%	
Target Compounds						
16) Acetone	3.22	43	142345	77.395	ug/l	99
52) Toluene	10.51	92	43234	3.250	ug/l	90

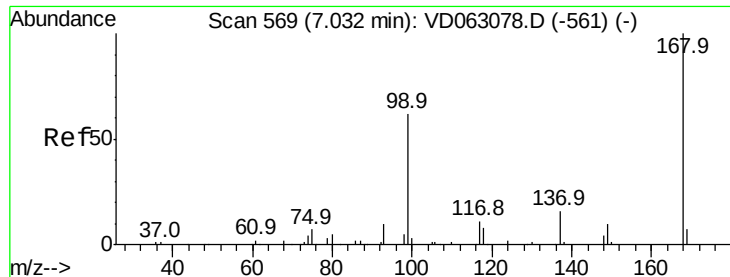
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063130.D

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Instrument :

MSVOA_D

ClientSampleId :

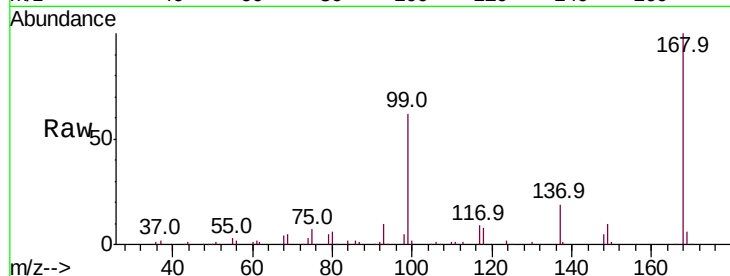
RBR-200036

Tot Ion:168 Resp: 611293

Ion Ratio Lower Upper

168 100

99 62.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

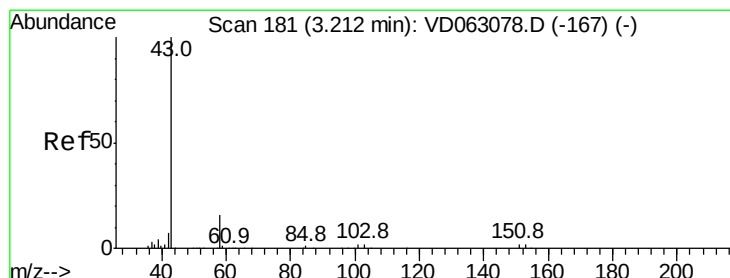
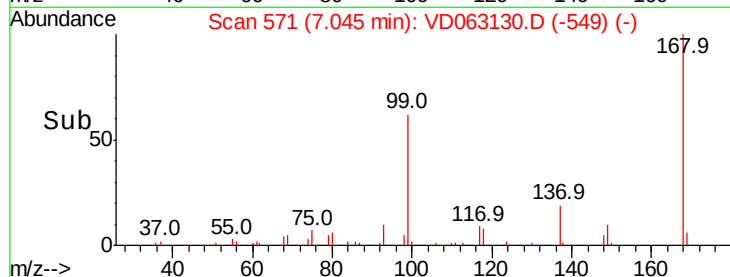
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 77.395 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063130.D

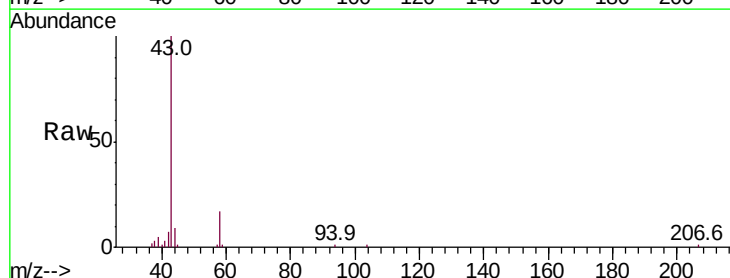
Acq: 17 Jul 2019 14:39

Tgt Ion: 43 Resp: 142345

Ion Ratio Lower Upper

43 100

58 16.6 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

50000

40000

30000

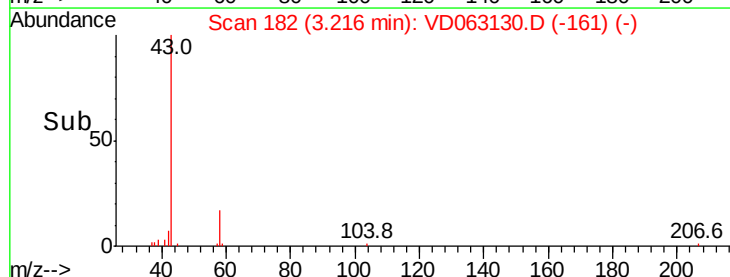
20000

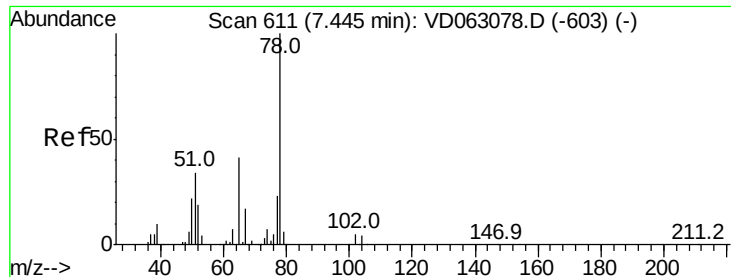
10000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 44.191 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

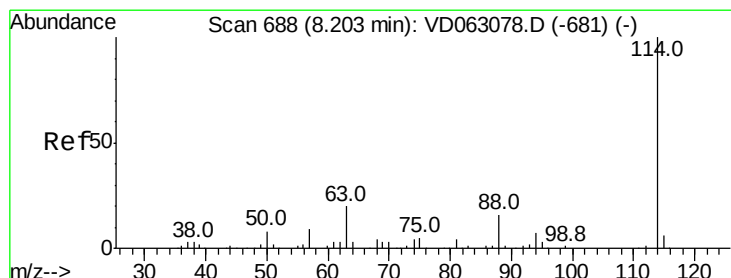
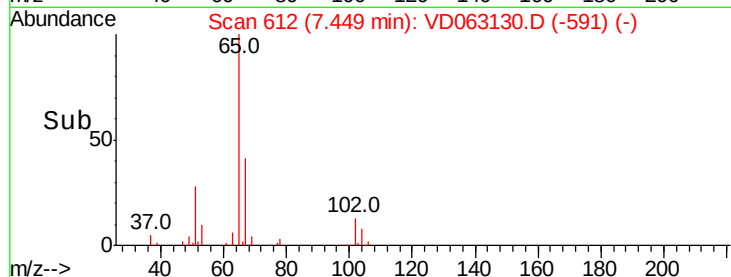
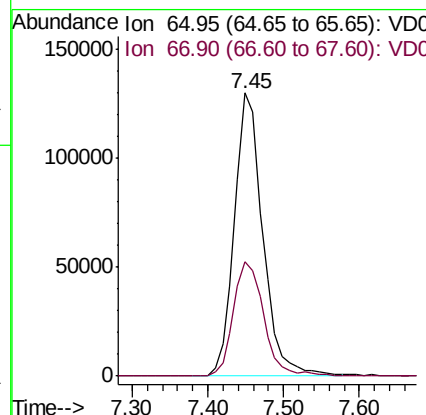
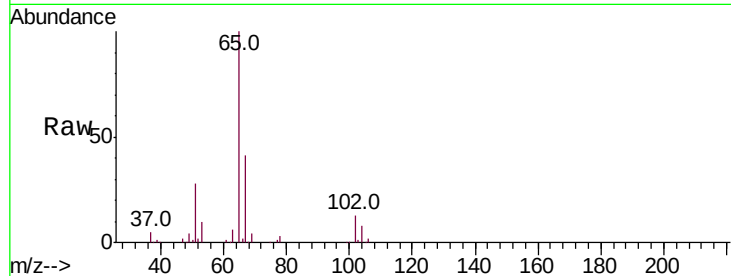
Lab File: VD063130.D

Acq: 17 Jul 2019 14:39

Instrument :
MSVOA_D
ClientSampled :
RBR-200036

Tot Ion: 65 Resp: 336507

Ion	Ratio	Lower	Upper
65	100		
67	40.5	0.0	86.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

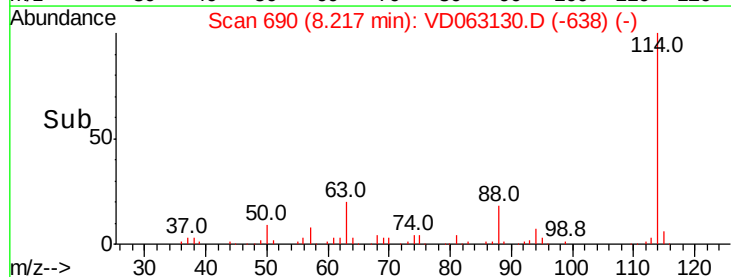
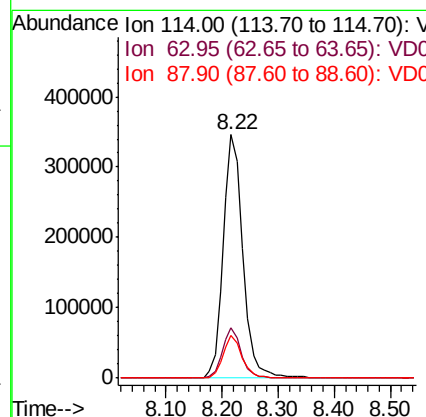
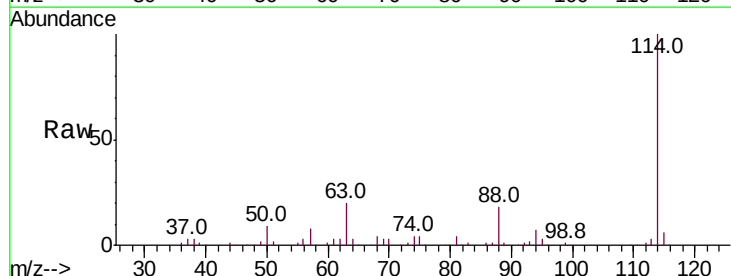
Delta R.T. 0.01 min

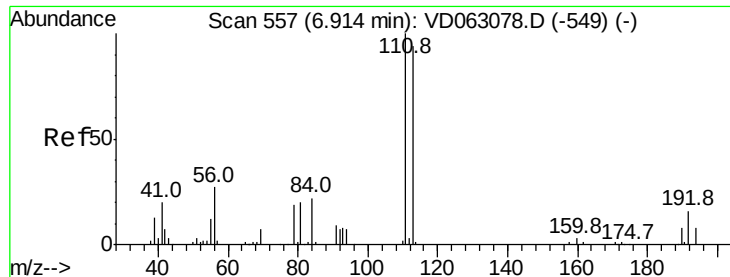
Lab File: VD063130.D

Acq: 17 Jul 2019 14:39

Tgt Ion: 114 Resp: 845772

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	17.5	0.0	32.6

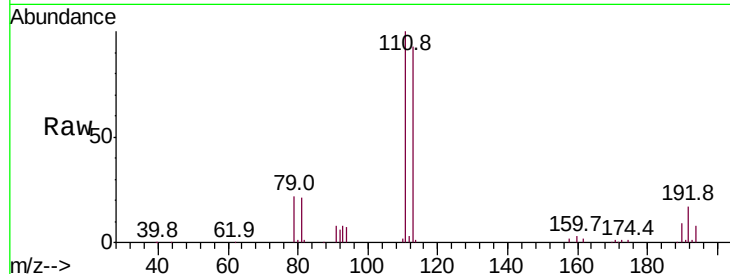




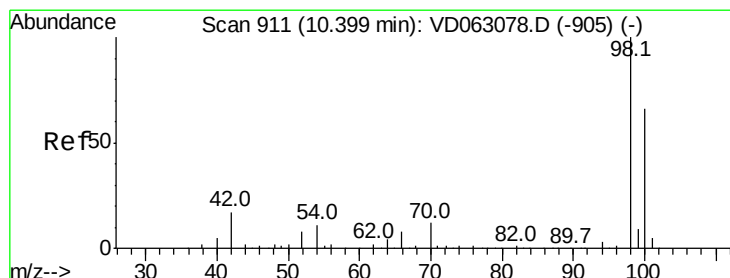
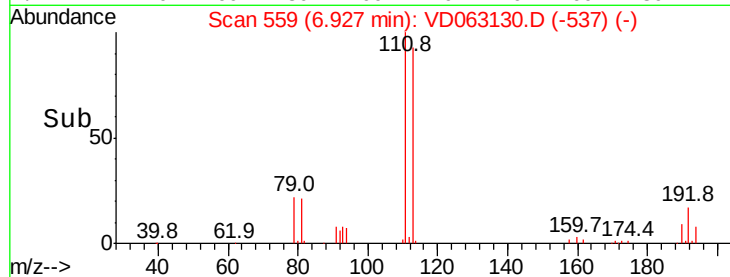
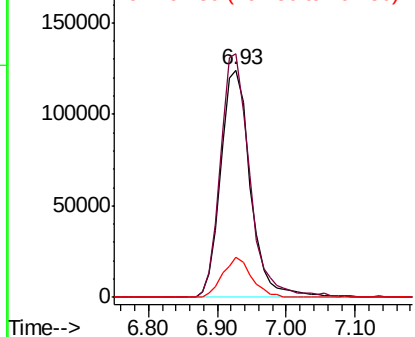
#35
 Dibromofluoromethane
 Concen: 44.175 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD063130.D
 Acq: 17 Jul 2019 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200036

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.2	84.8	127.2
192	17.7	13.4	20.0

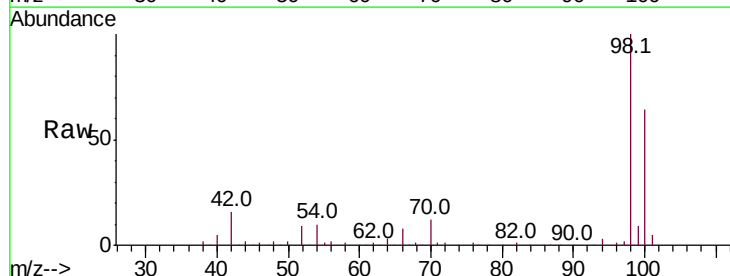


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

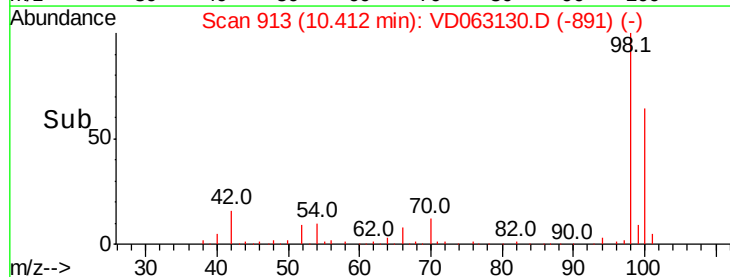
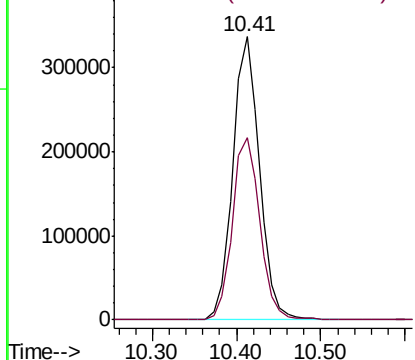


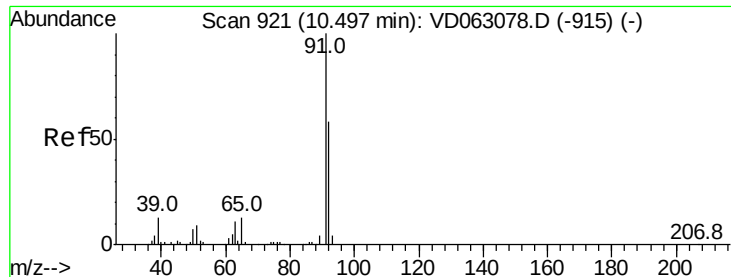
#50
 Toluene-d8
 Concen: 41.073 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD063130.D
 Acq: 17 Jul 2019 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.5	80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 3.250 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD063130.D

Acq: 17 Jul 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

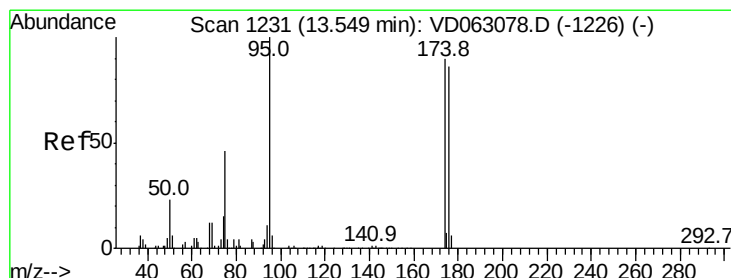
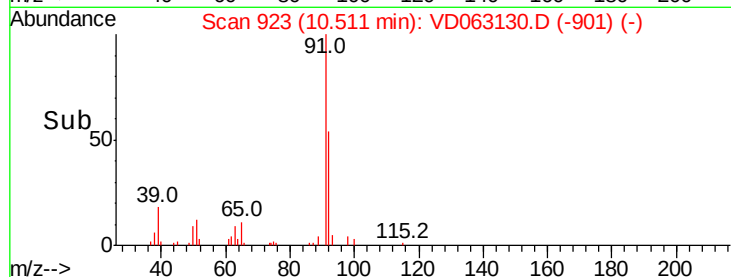
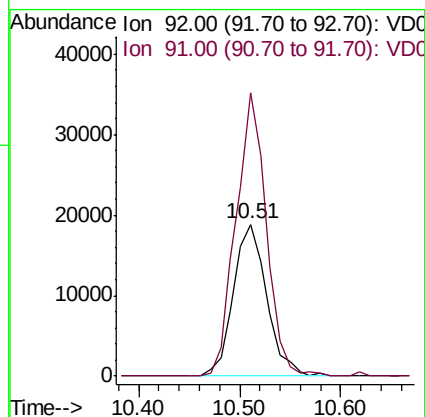
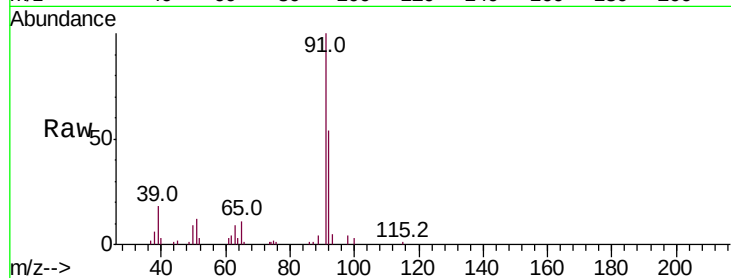
RBR-200036

Tot Ion: 92 Resp: 43234

Ion Ratio Lower Upper

92 100

91 186.1 137.9 206.9



#62

4-Bromofluorobenzene

Concen: 35.272 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063130.D

Acq: 17 Jul 2019 14:39

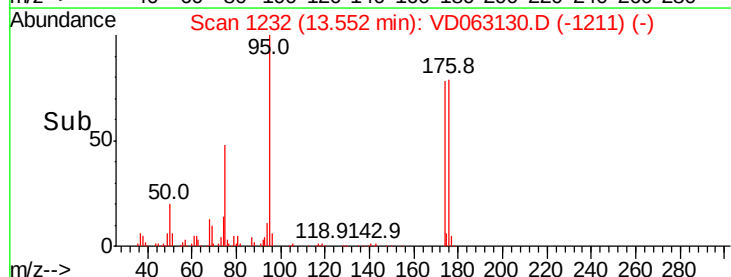
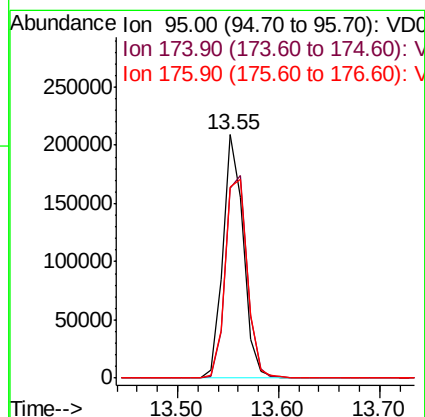
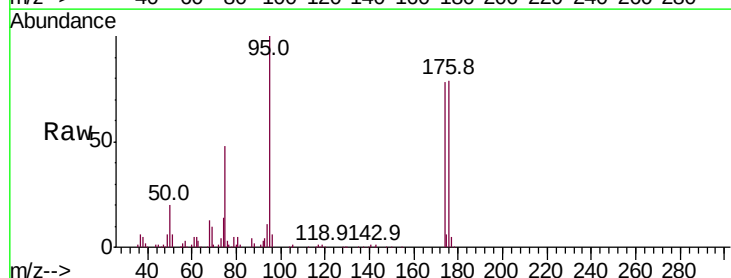
Tgt Ion: 95 Resp: 295275

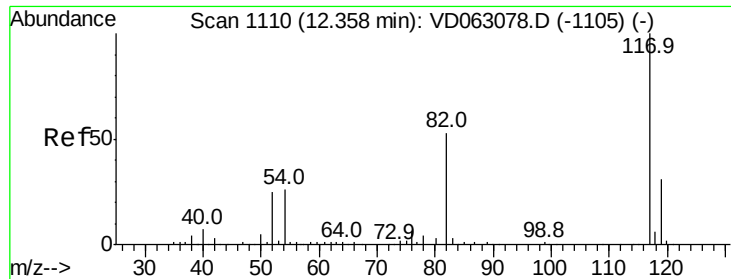
Ion Ratio Lower Upper

95 100

174 78.0 0.0 180.6

176 78.6 0.0 172.2

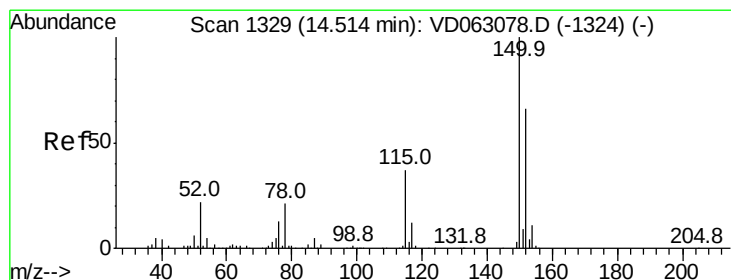
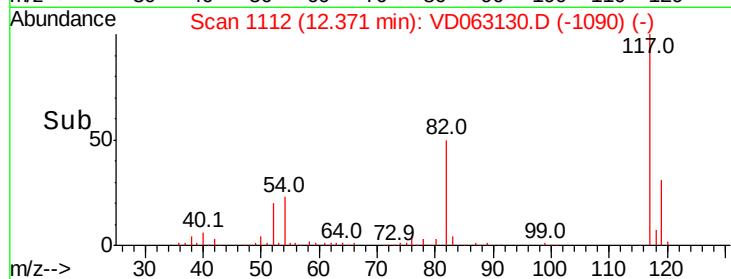
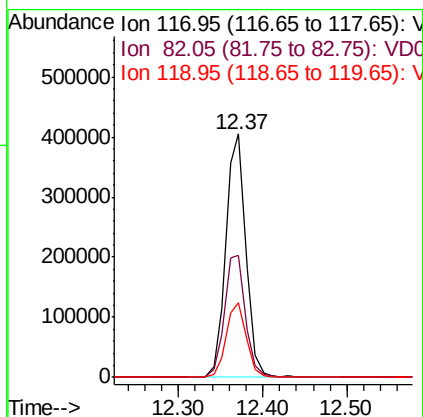
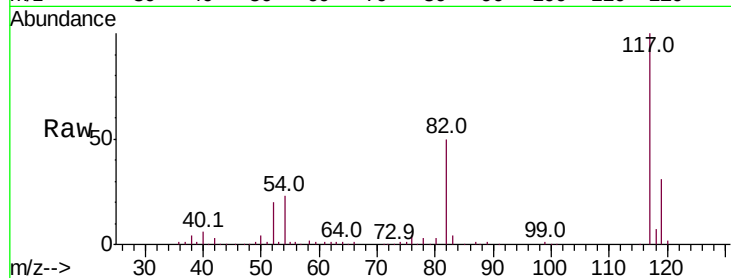




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063130.D
Acq: 17 Jul 2019 14:39

Instrument :
MSVOA_D
ClientSampleId :
RBR-200036

Tot Ion:117 Resp: 665146
Ion Ratio Lower Upper
117 100
82 50.2 42.3 63.5
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063130.D
Acq: 17 Jul 2019 14:39

Tgt Ion:152 Resp: 323748
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 157.3 0.0 313.8

