

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066010.D
 Acq On : 22 Jul 2020 19:06
 Operator : VA/SY
 Sample : L3362-03
 Misc : 7.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Jul 23 01:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	112447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	200361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	229435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121222	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	71453	78.09	ug/l	0.00
Spiked Amount			Recovery	=	156.18%	
35) Dibromofluoromethane	7.91	113	69494	57.18	ug/l	0.00
Spiked Amount			Recovery	=	114.36%	
50) Toluene-d8	10.34	98	244491	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.64	95	102752	65.46	ug/l	0.00
Spiked Amount			Recovery	=	130.92%	

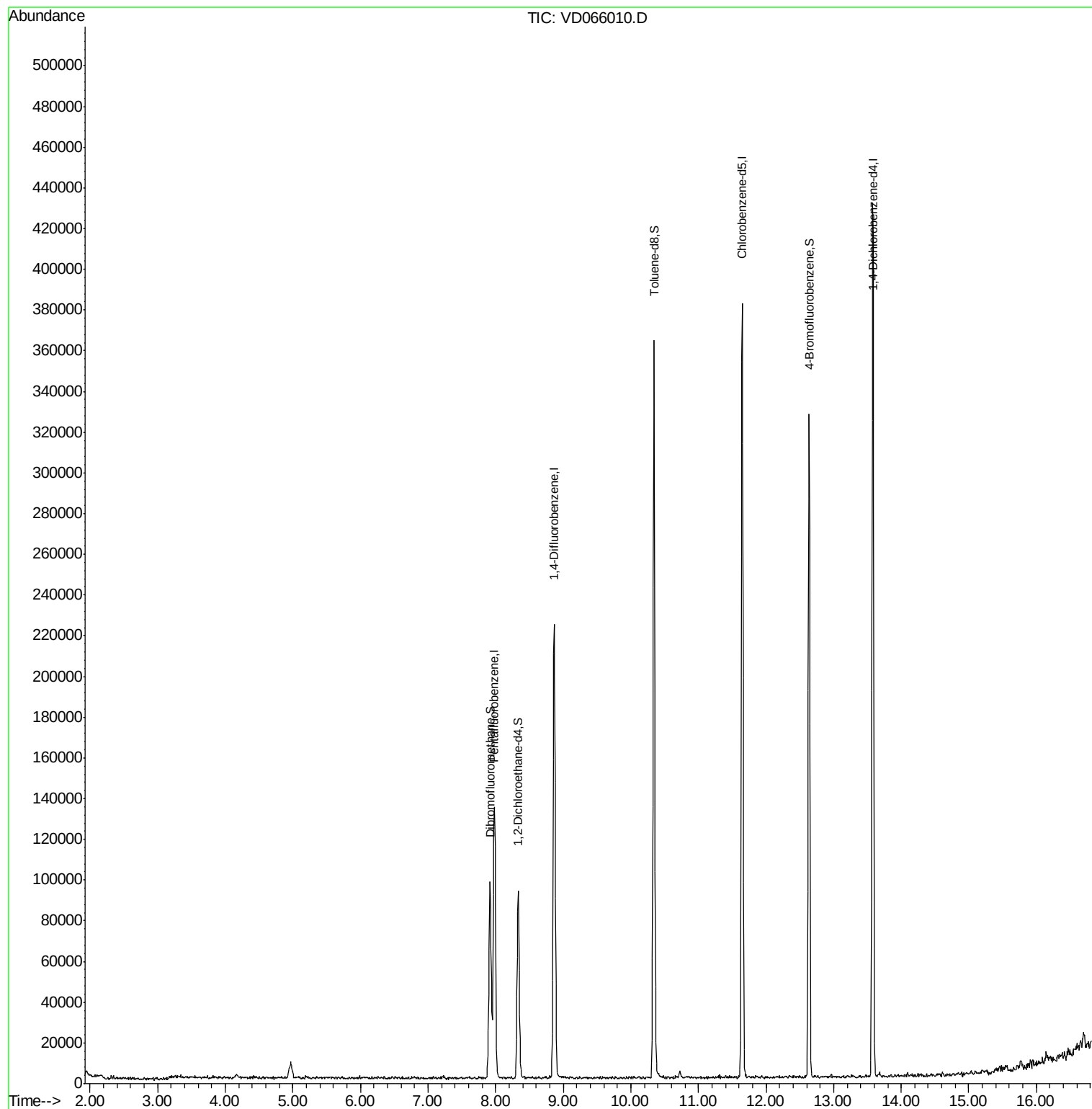
Target Compounds	Qvalue
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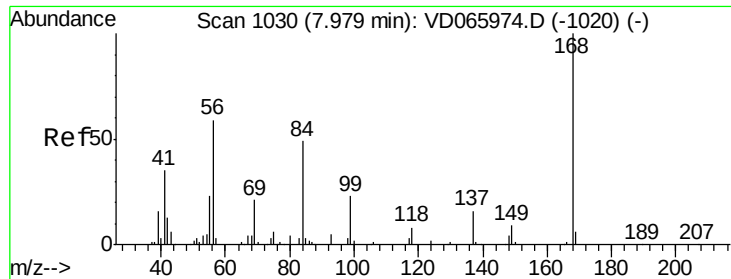
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066010.D

Acq: 22 Jul 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

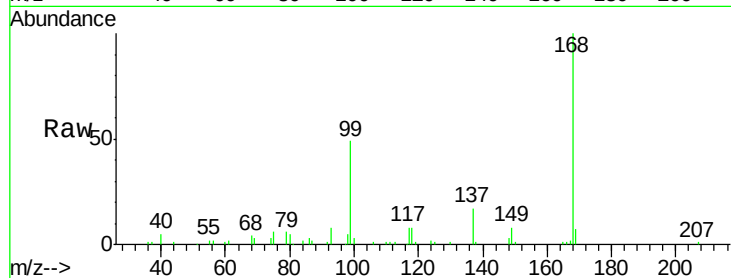
RBR-59

Tot Ion:168 Resp: 112447

Ion Ratio Lower Upper

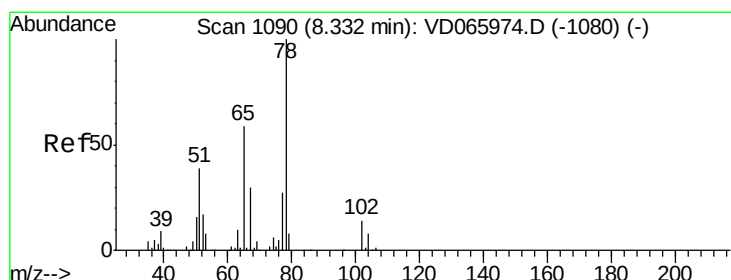
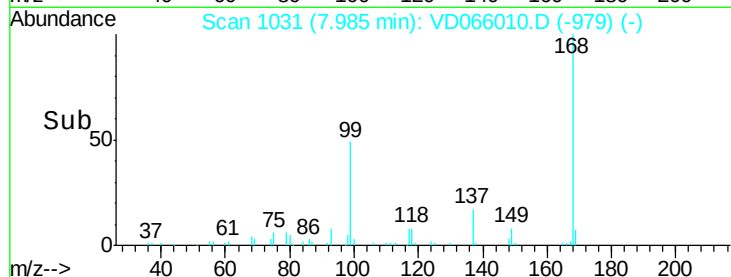
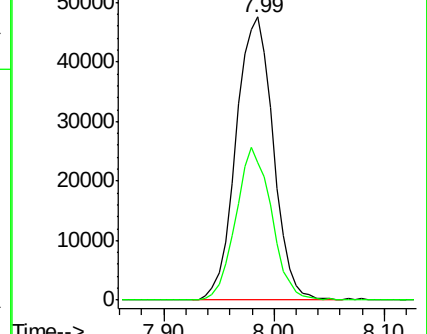
168 100

99 48.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 78.093 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066010.D

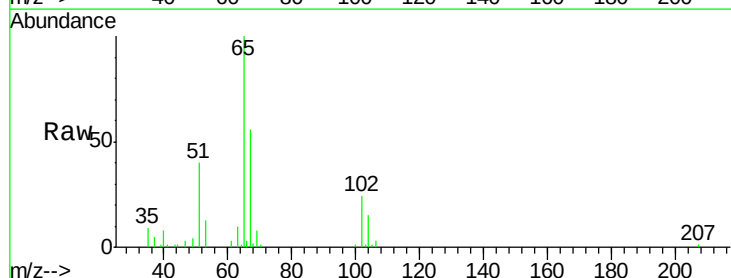
Acq: 22 Jul 2020 19:06

Tgt Ion: 65 Resp: 71453

Ion Ratio Lower Upper

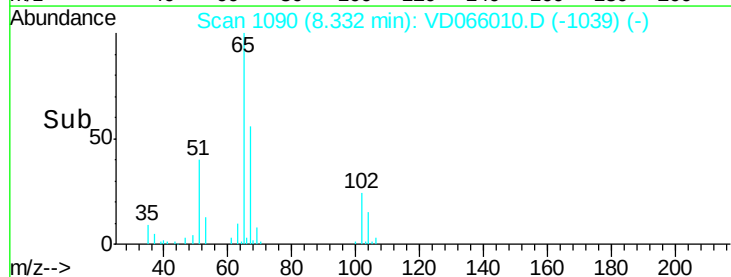
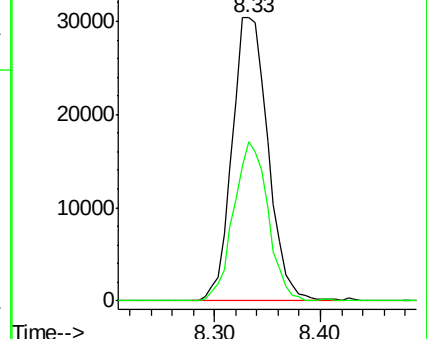
65 100

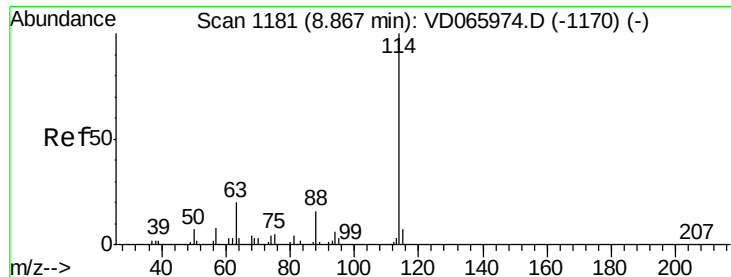
67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD066010.D

Acq: 22 Jul 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

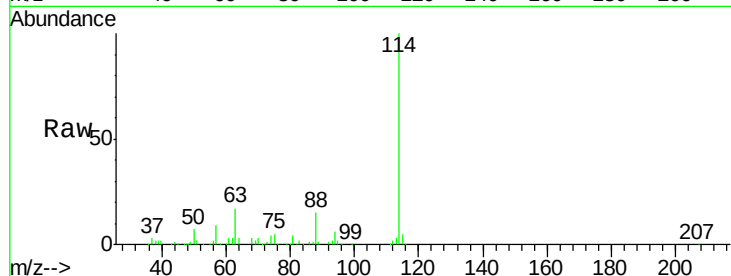
Tot Ion:114 Resp: 200361

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

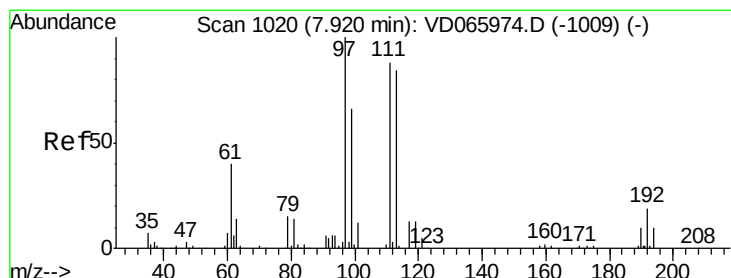
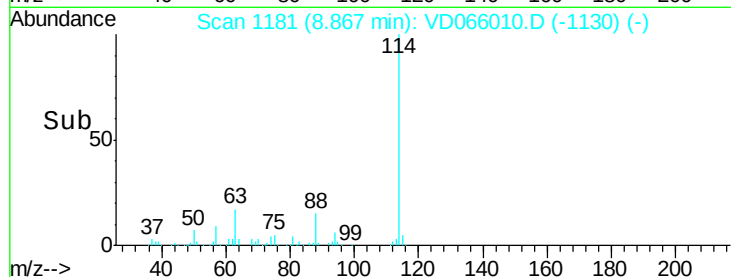
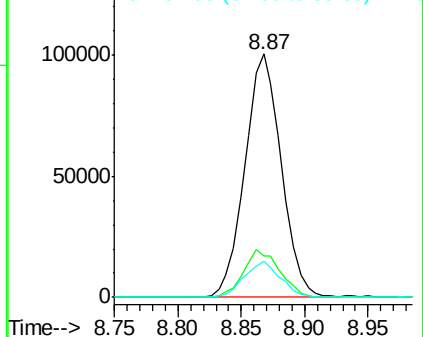
88 14.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 57.185 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066010.D

Acq: 22 Jul 2020 19:06

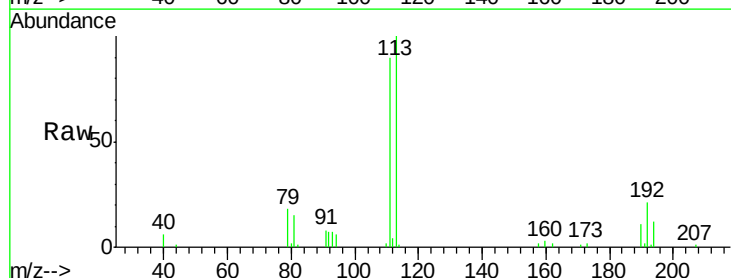
Tgt Ion:113 Resp: 69494

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

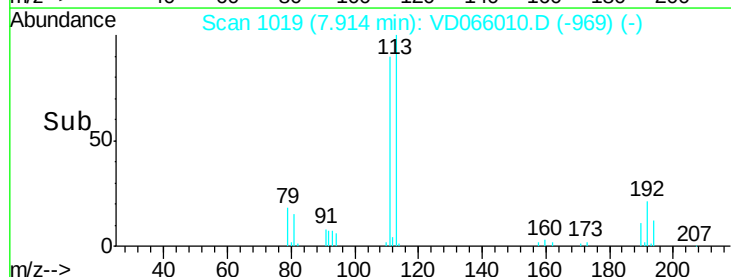
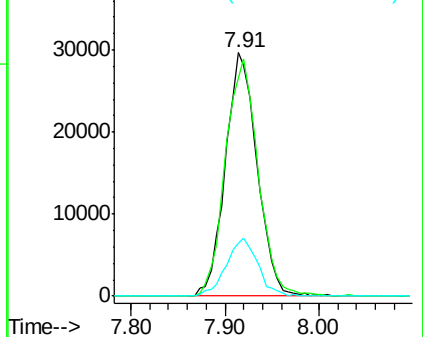
192 23.5 18.7 28.1

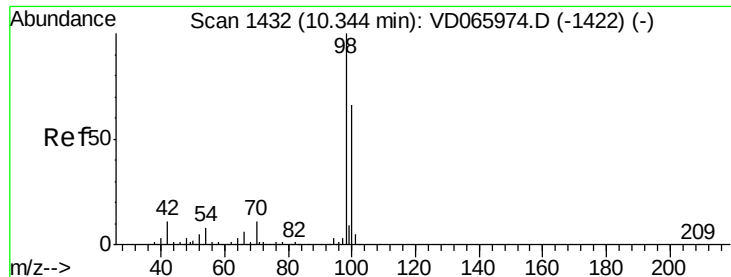


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.006 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066010.D

Acq: 22 Jul 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

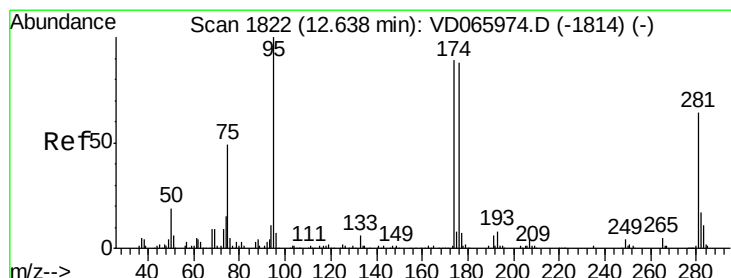
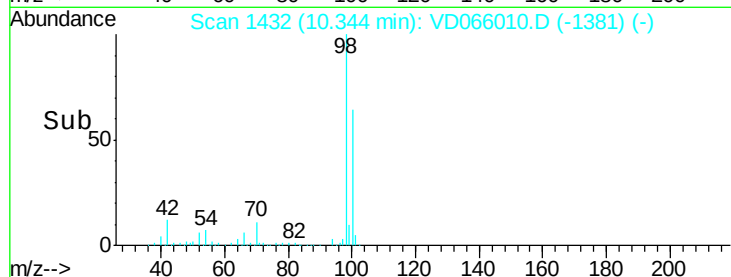
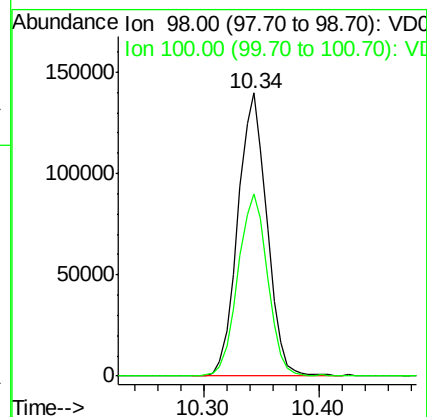
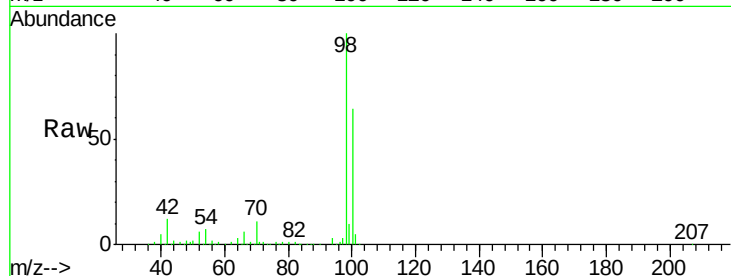
RBR-59

Tot Ion: 98 Resp: 244491

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 65.458 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066010.D

Acq: 22 Jul 2020 19:06

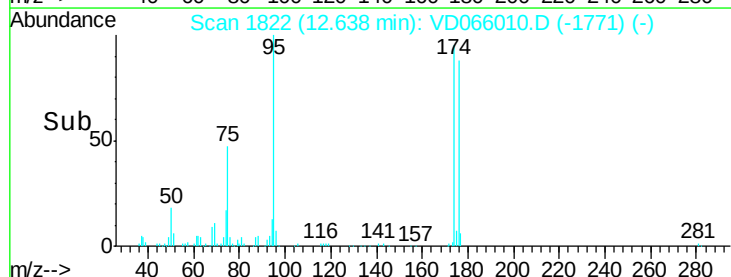
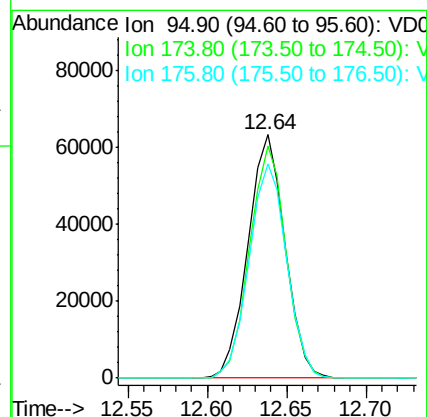
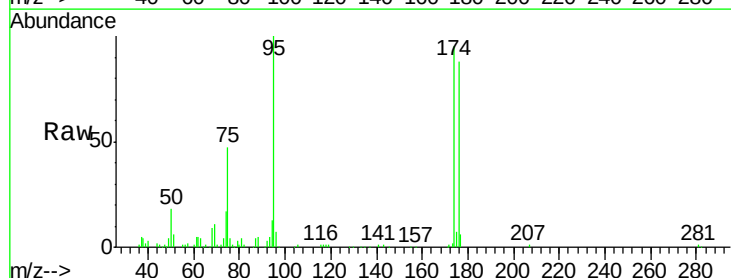
Tgt Ion: 95 Resp: 102752

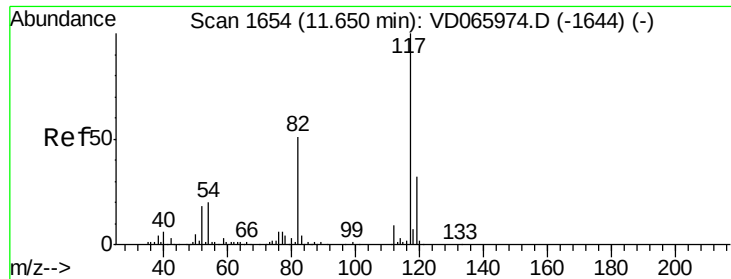
Ion Ratio Lower Upper

95 100

174 94.3 0.0 178.8

176 89.4 0.0 172.6

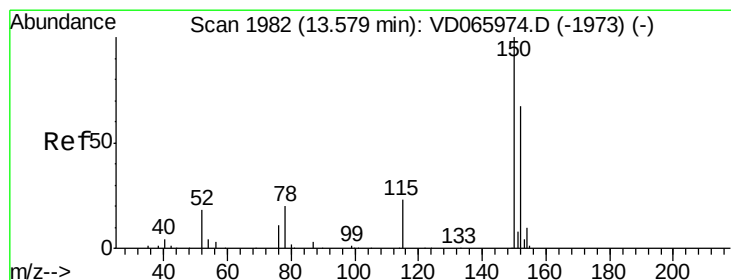
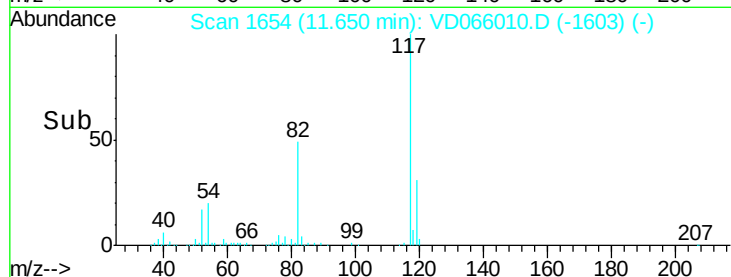
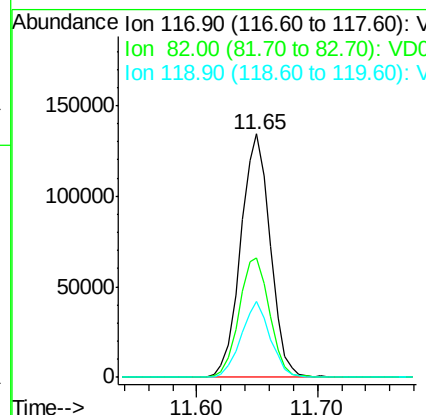
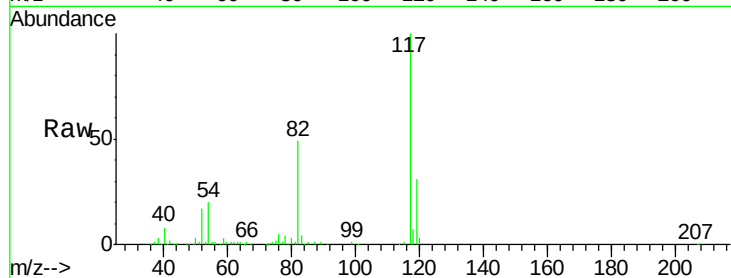




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066010.D
Acq: 22 Jul 2020 19:06

Instrument :
MSVOA_D
ClientSampleId :
RBR-59

Tot Ion:117 Resp: 229435
Ion Ratio Lower Upper
117 100
82 49.0 41.1 61.7
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066010.D
Acq: 22 Jul 2020 19:06

Tgt Ion:152 Resp: 121222
Ion Ratio Lower Upper
152 100
115 54.3 27.9 83.7
150 157.4 0.0 348.2

