

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067625.D
 Acq On : 12 Nov 2020 16:08
 Operator : VA/SY
 Sample : L4723-01
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Nov 13 01:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

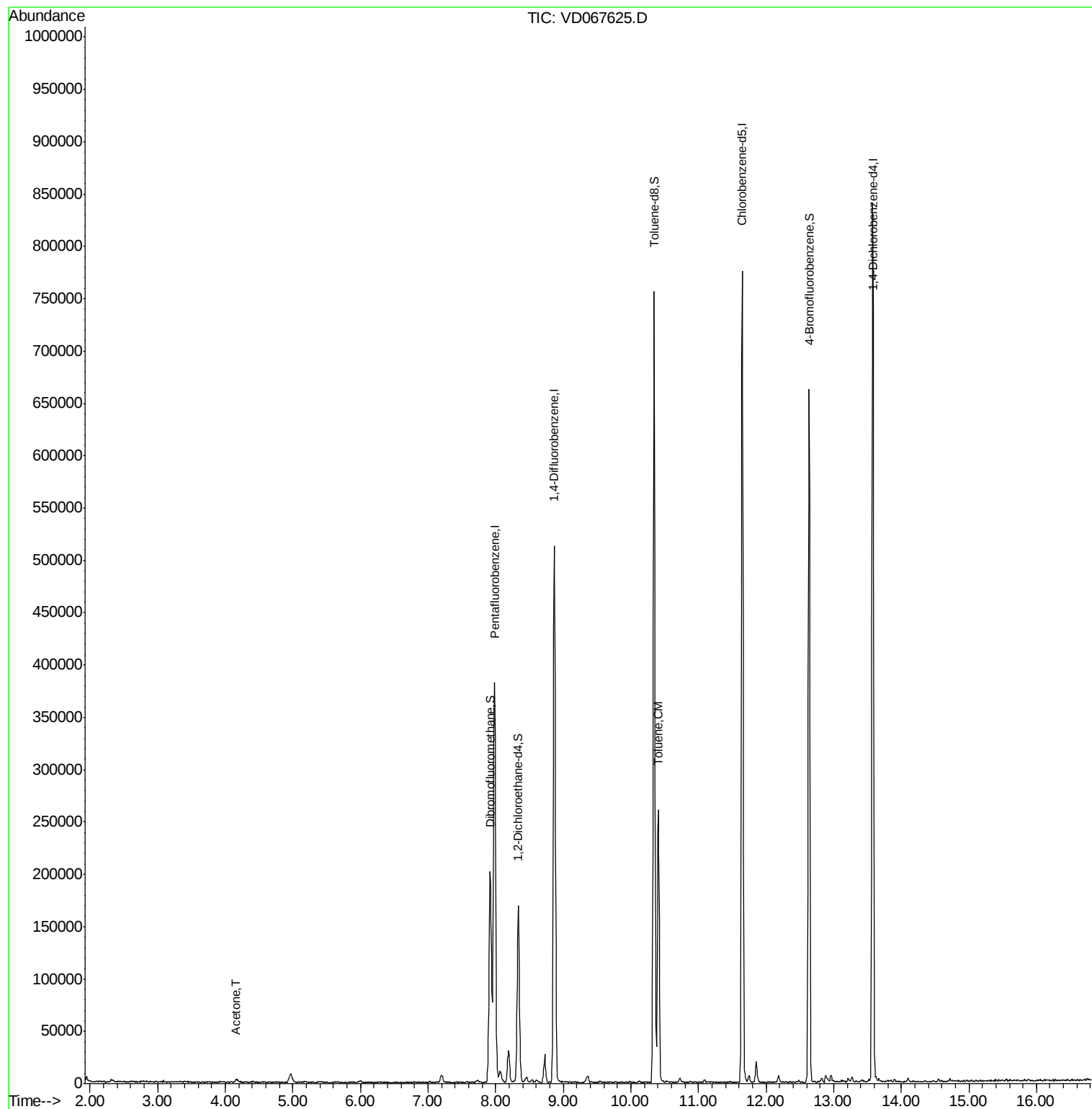
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	289169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	459618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	469719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144586	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
35) Dibromofluoromethane	7.92	113	147782	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	10.34	98	529195	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
62) 4-Bromofluorobenzene	12.64	95	211085	62.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.66%	
Target Compounds						
16) Acetone	4.16	43	5468	14.451	ug/l #	83
52) Toluene	10.41	92	112982	15.828	ug/l	97

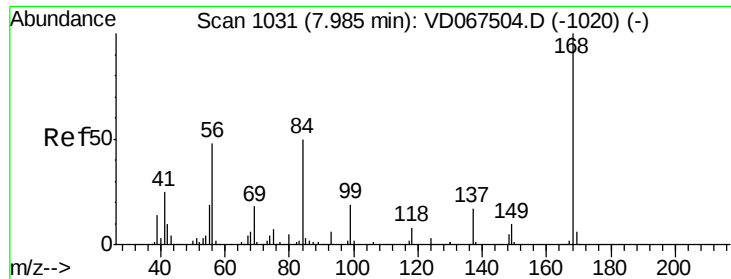
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067625.D

Acq: 12 Nov 2020 16:08

Instrument :

MSVOA_D

ClientSampleId :

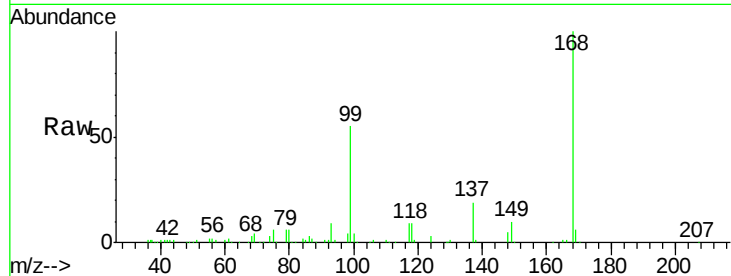
RBR-59

Tot Ion:168 Resp: 289169

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

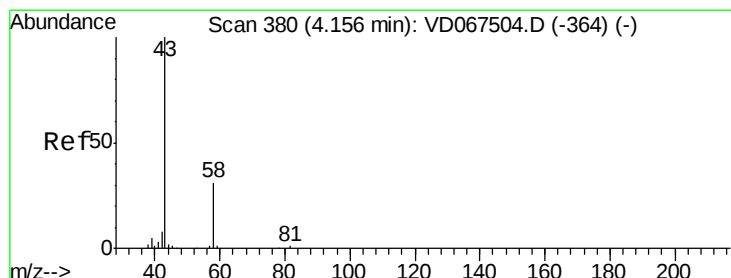
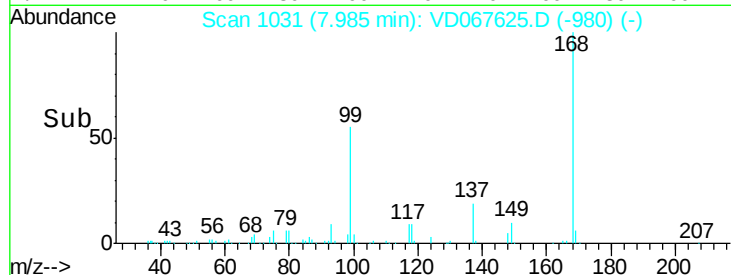
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.451 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067625.D

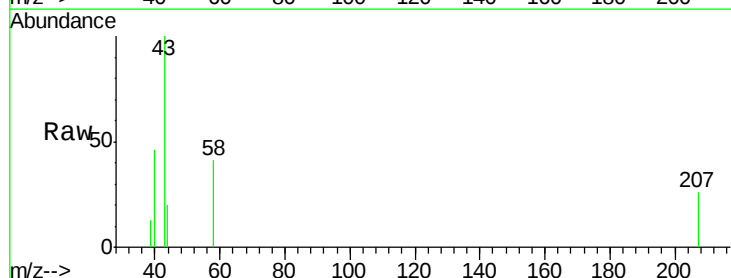
Acq: 12 Nov 2020 16:08

Tgt Ion: 43 Resp: 5468

Ion Ratio Lower Upper

43 100

58 40.8 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2000

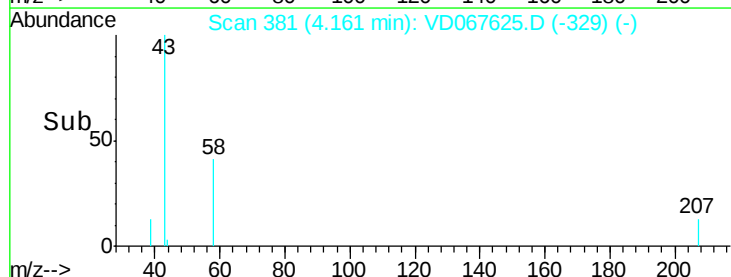
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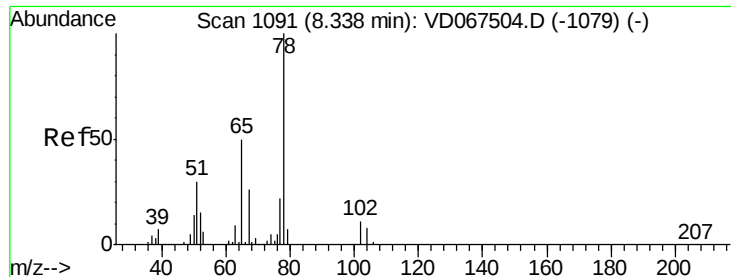
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Time-->

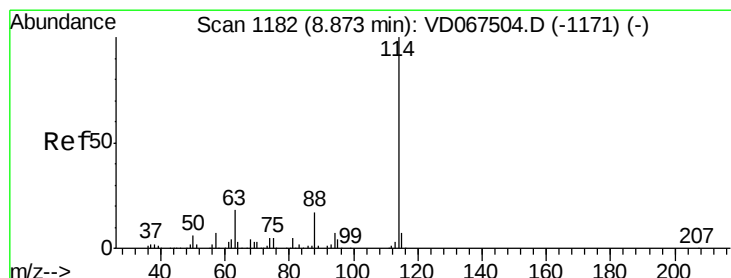
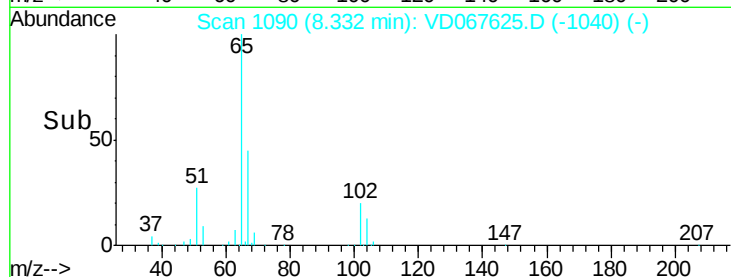
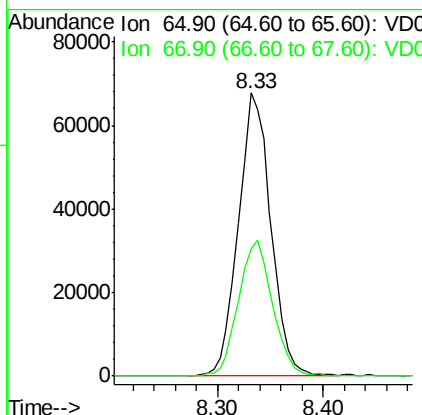
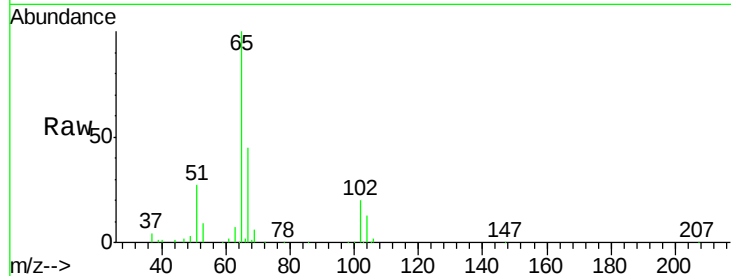




#33
 1,2-Dichloroethane-d4
 Concen: 57.183 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067625.D
 Acq: 12 Nov 2020 16:08

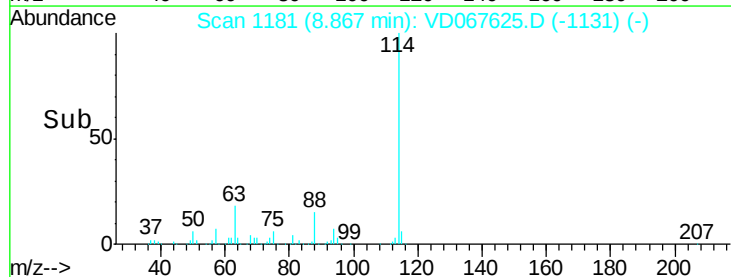
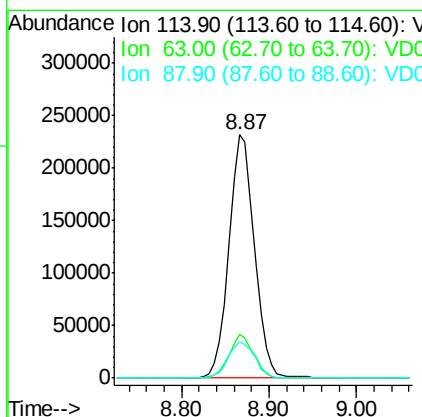
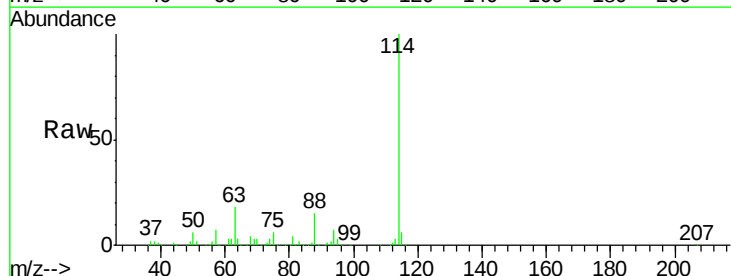
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

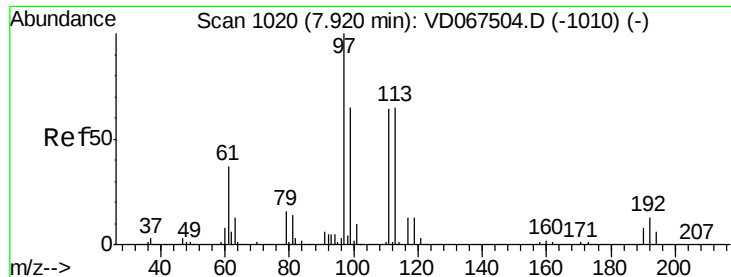
Tot Ion: 65 Resp: 144586
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067625.D
 Acq: 12 Nov 2020 16:08

Tgt Ion: 114 Resp: 459618
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 15.0 0.0 33.0

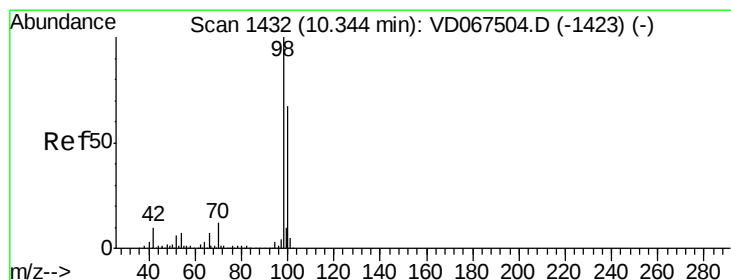
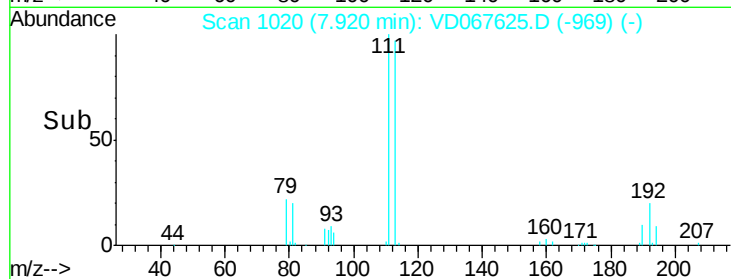
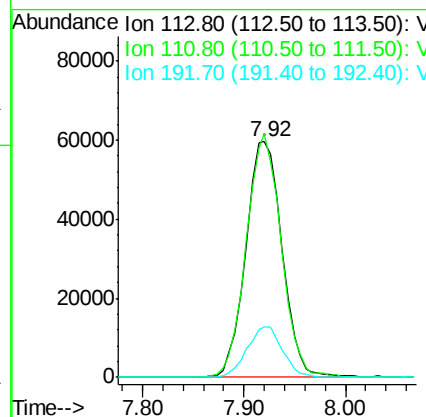
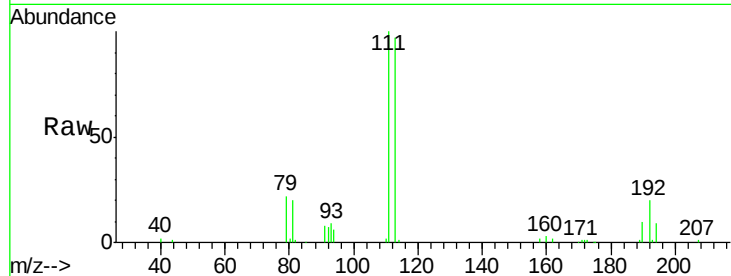




#35
 Dibromofluoromethane
 Concen: 53.367 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067625.D
 Acq: 12 Nov 2020 16:08

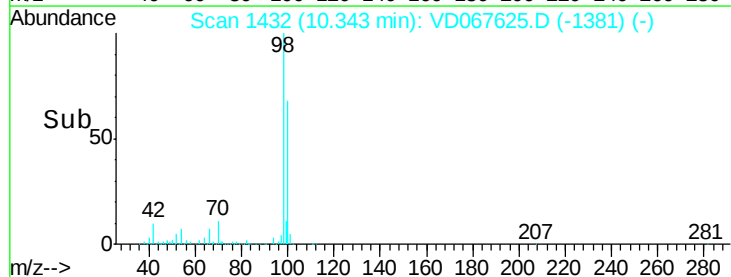
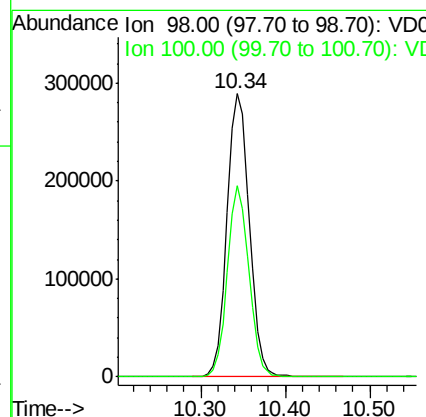
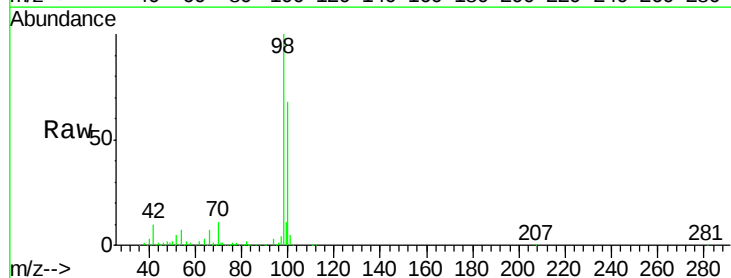
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

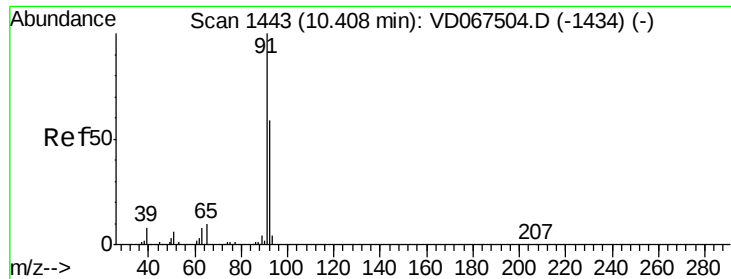
Tot Ion:113 Resp: 147782
 Ion Ratio Lower Upper
 113 100
 111 99.8 80.0 120.0
 192 20.7 16.3 24.5



#50
 Toluene-d8
 Concen: 54.379 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067625.D
 Acq: 12 Nov 2020 16:08

Tgt Ion: 98 Resp: 529195
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.0 79.6





#52

Toluene

Concen: 15.828 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067625.D

Acq: 12 Nov 2020 16:08

Instrument :

MSVOA_D

ClientSampled :

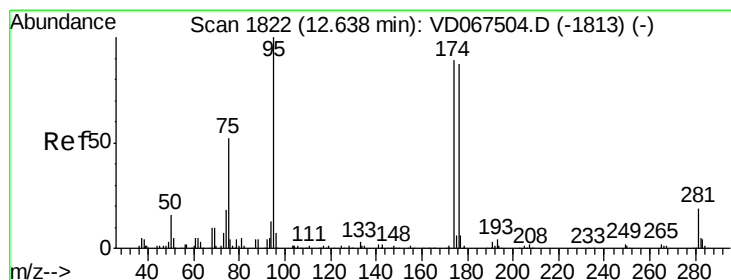
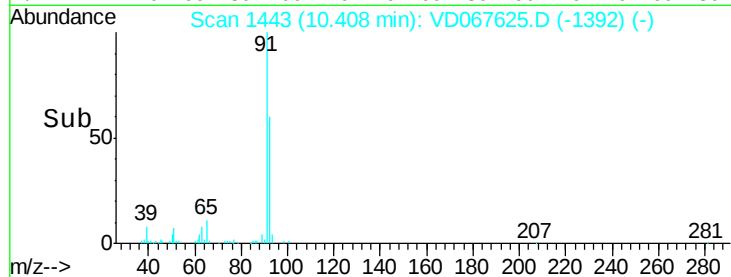
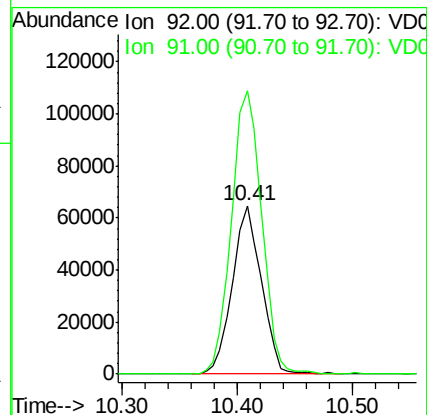
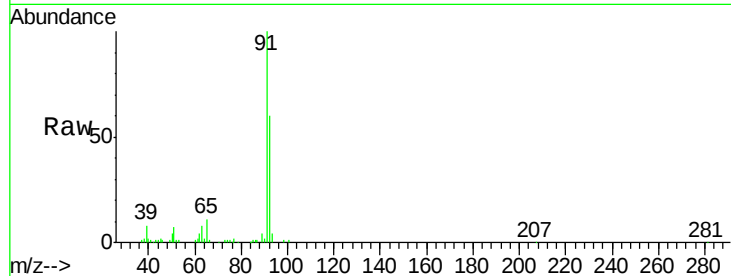
RBR-59

Tot Ion: 92 Resp: 112982

Ion Ratio Lower Upper

92 100

91 175.7 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 62.827 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067625.D

Acq: 12 Nov 2020 16:08

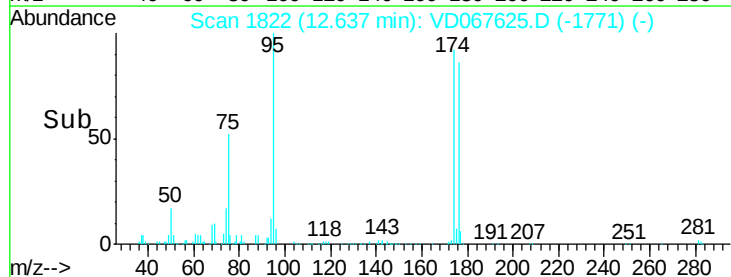
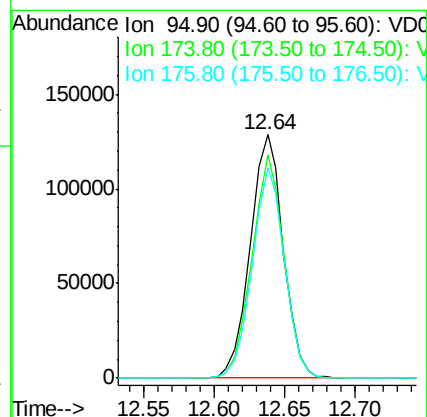
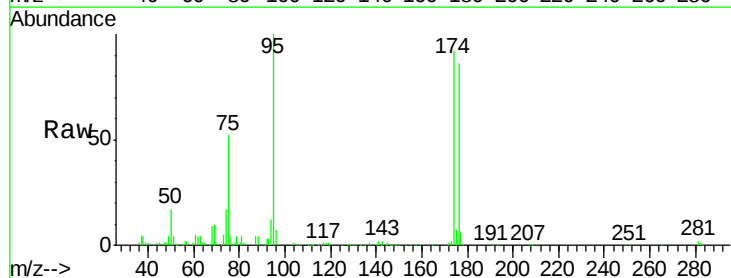
Tgt Ion: 95 Resp: 211085

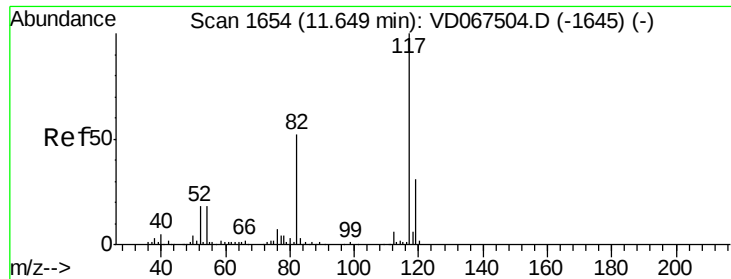
Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.8

176 84.8 0.0 172.0

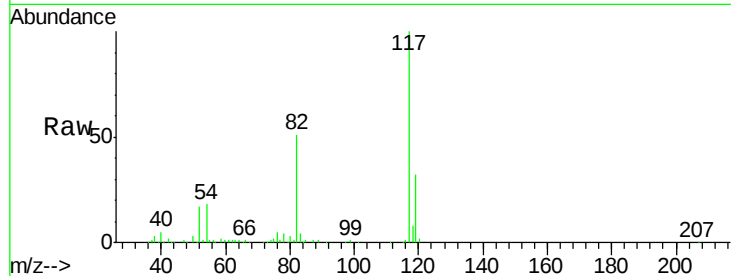




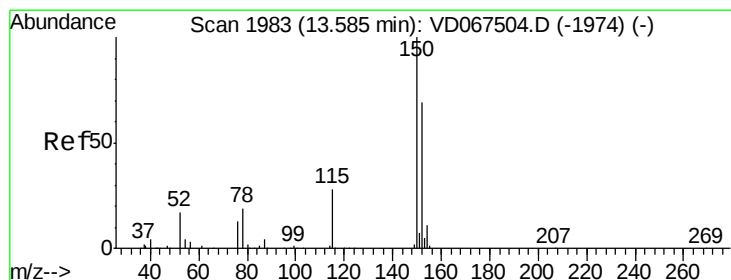
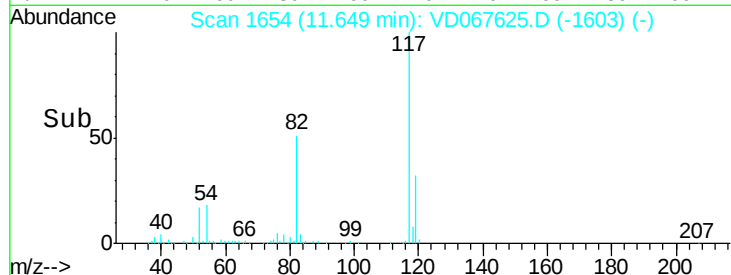
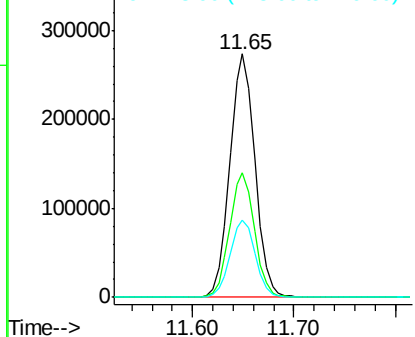
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067625.D
Acq: 12 Nov 2020 16:08

Instrument :
MSVOA_D
ClientSampleId :
RBR-59

Tot Ion:117 Resp: 469719
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 31.9 25.1 37.7

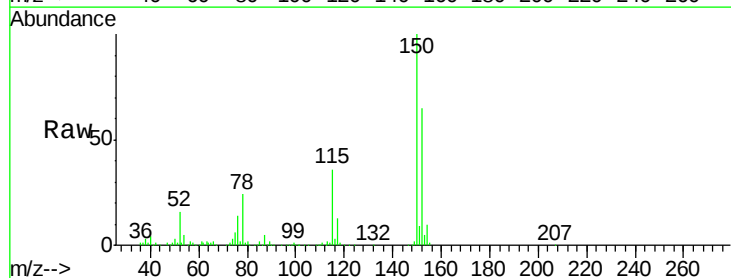


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067625.D
Acq: 12 Nov 2020 16:08

Tgt Ion:152 Resp: 238476
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 155.5 0.0 338.2



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

