

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067624.D
 Acq On : 12 Nov 2020 15:41
 Operator : VA/SY
 Sample : L4725-03
 Misc : 5.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-34

Quant Time: Nov 13 01:34:40 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

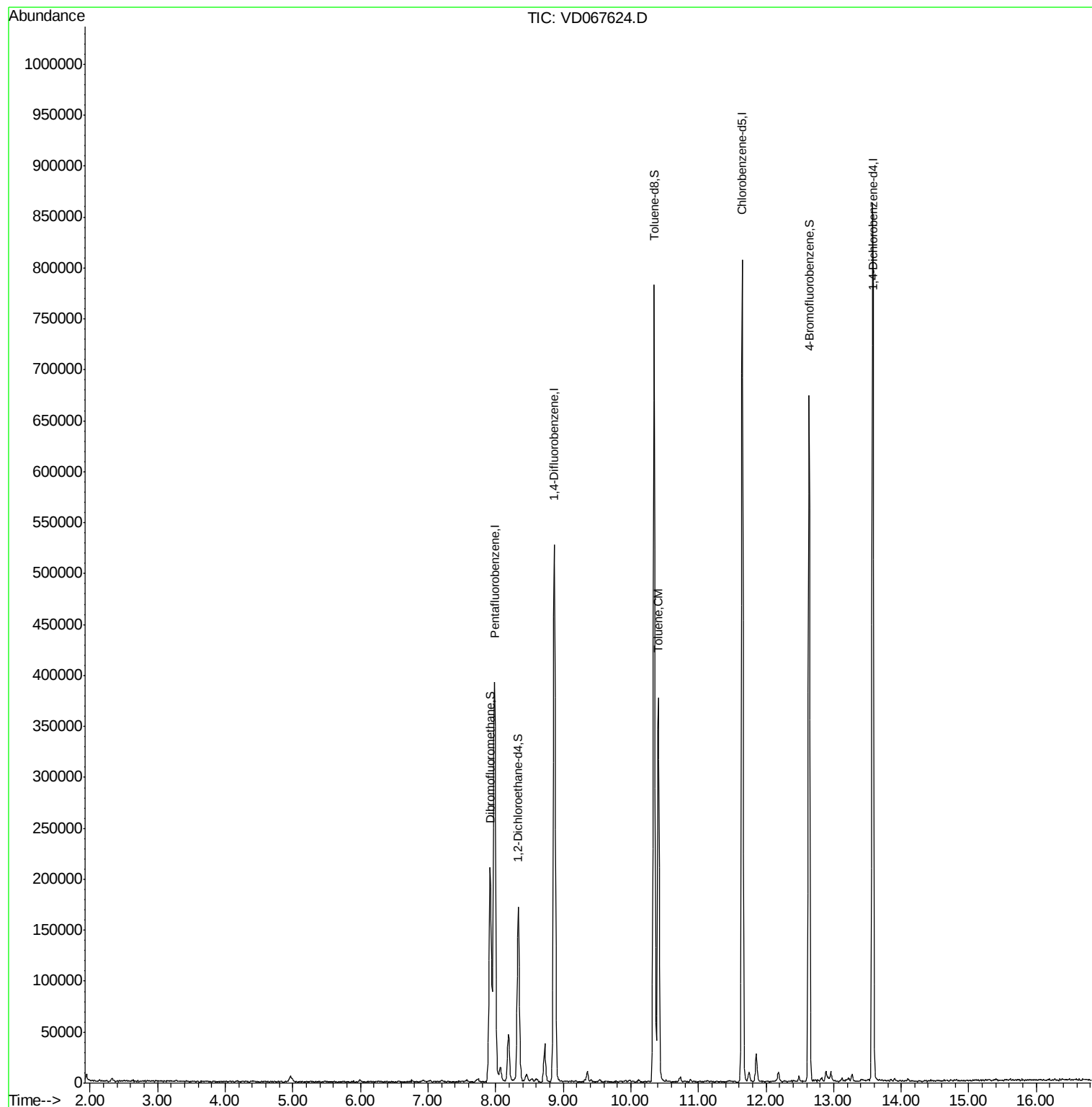
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	298993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	480482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	147603	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
35) Dibromofluoromethane	7.92	113	152119	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.34	98	541978	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.64	95	213620	61.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.32%	
Target Compounds						
52) Toluene	10.41	92	168106	22.653	ug/l	Qvalue 98

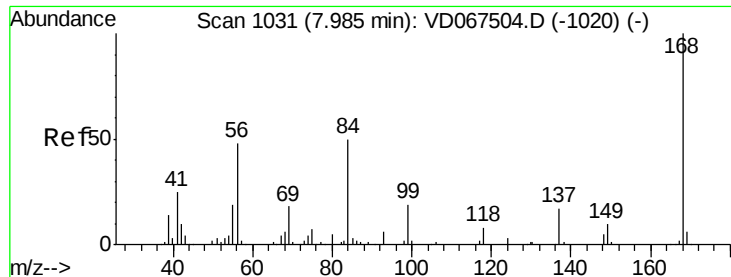
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067624.D

Acq: 12 Nov 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

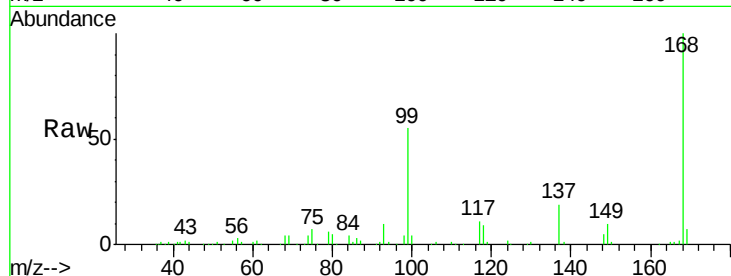
RBR-34

Tot Ion:168 Resp: 298993

Ion Ratio Lower Upper

168 100

99 54.9 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

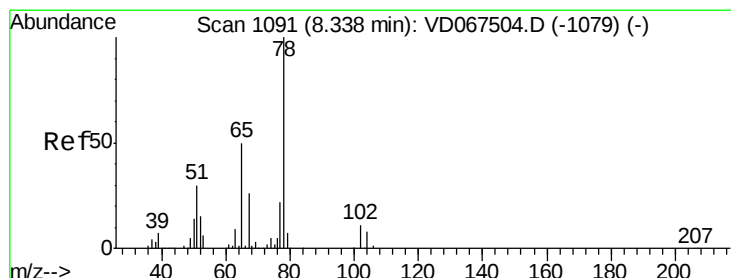
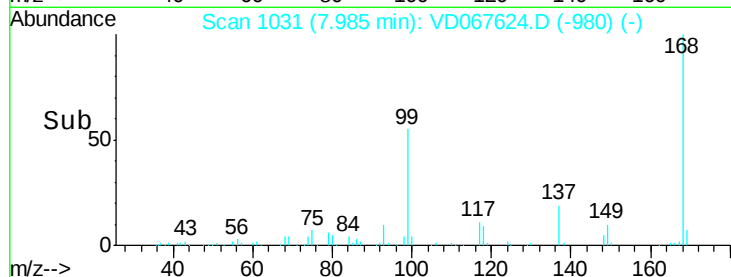
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.458 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067624.D

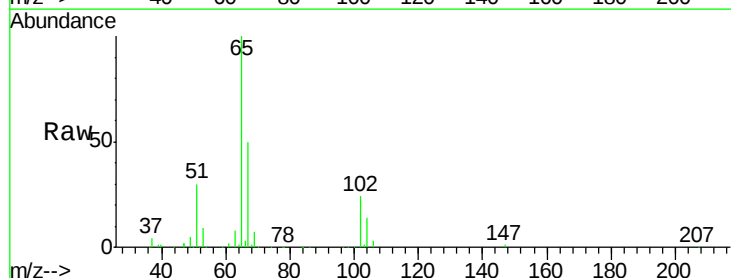
Acq: 12 Nov 2020 15:41

Tgt Ion: 65 Resp: 147603

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

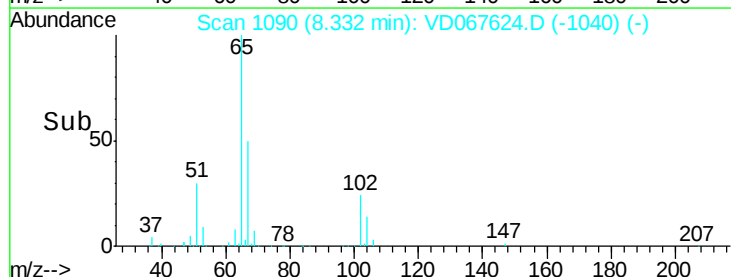
40000

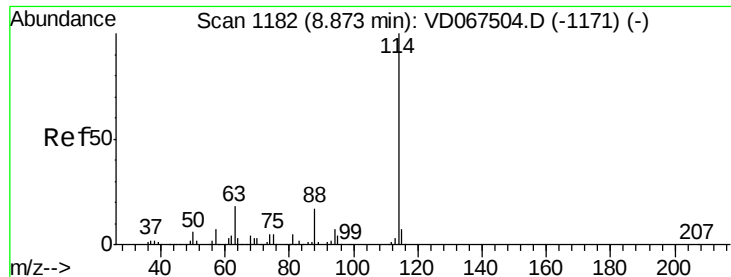
20000

0

Time-->

8.20 8.30 8.40

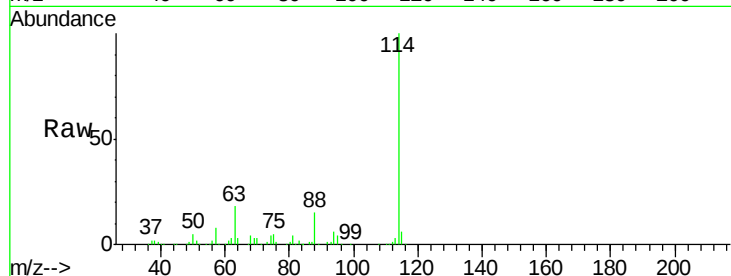




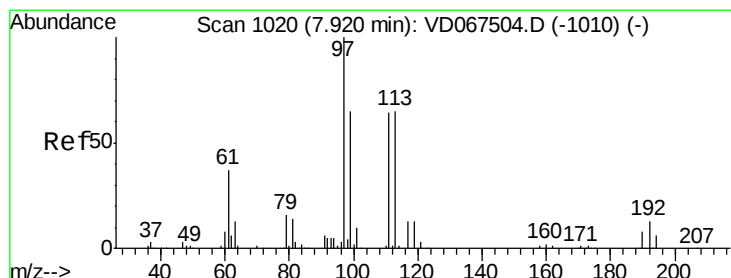
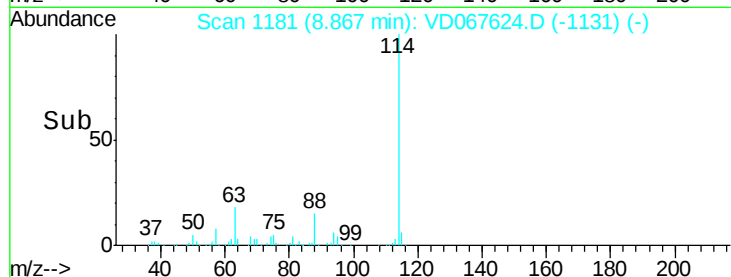
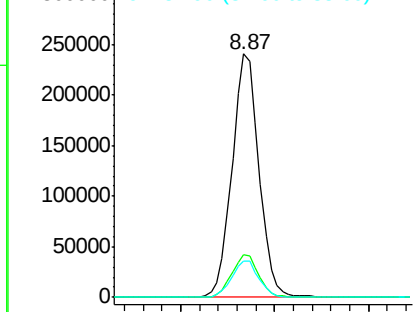
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067624.D
 Acq: 12 Nov 2020 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-34

Tot Ion:114 Resp: 477838
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 14.8 0.0 33.0

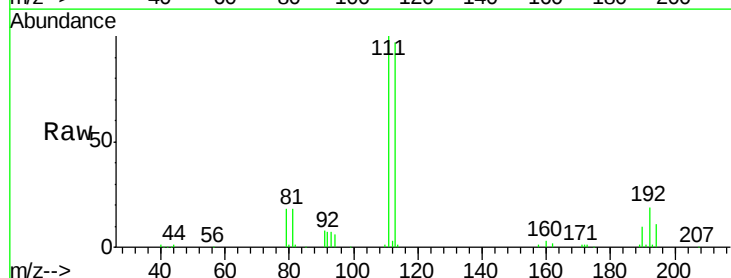


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

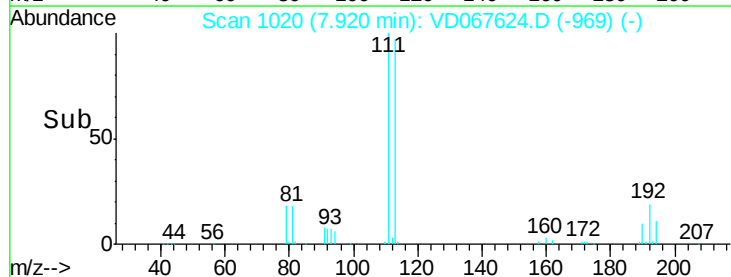
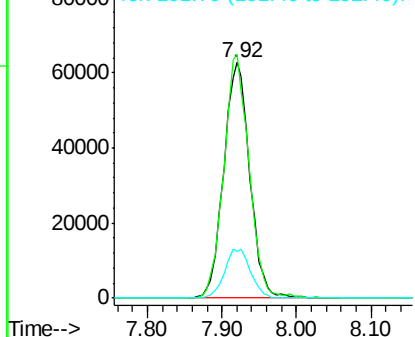


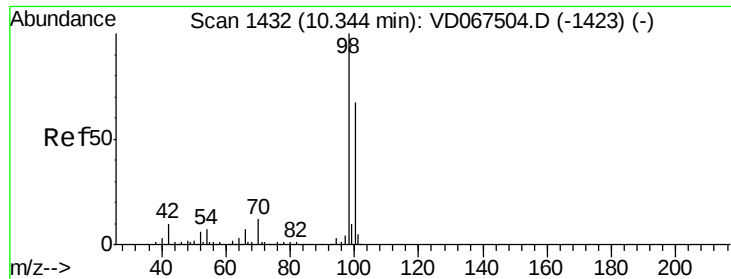
#35
 Dibromofluoromethane
 Concen: 52.838 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067624.D
 Acq: 12 Nov 2020 15:41

Tgt Ion:113 Resp: 152119
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.0 120.0
 192 20.8 16.3 24.5



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: 53.569 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067624.D

Acq: 12 Nov 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

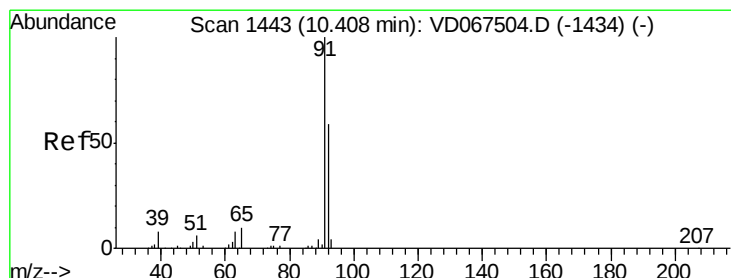
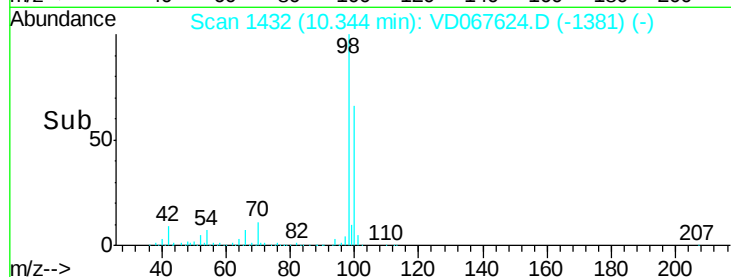
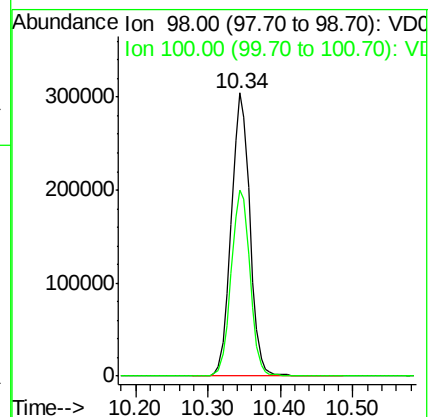
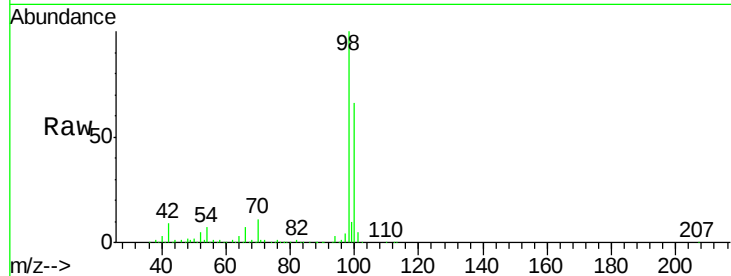
RBR-34

Tot Ion: 98 Resp: 541978

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



#52

Toluene

Concen: 22.653 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067624.D

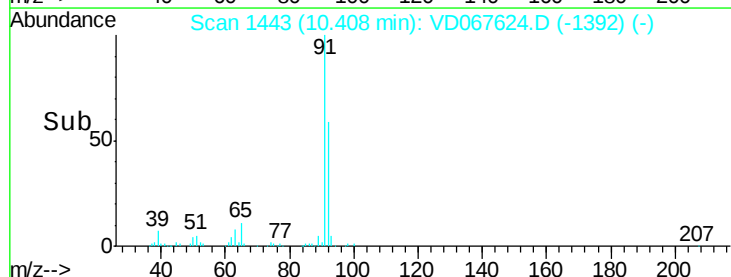
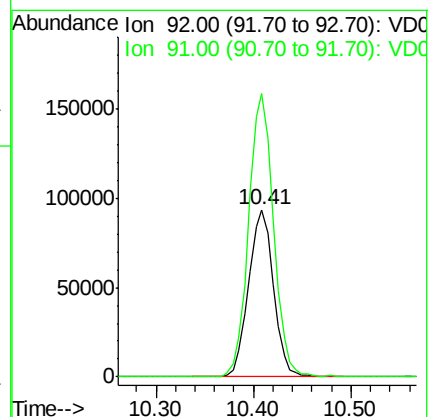
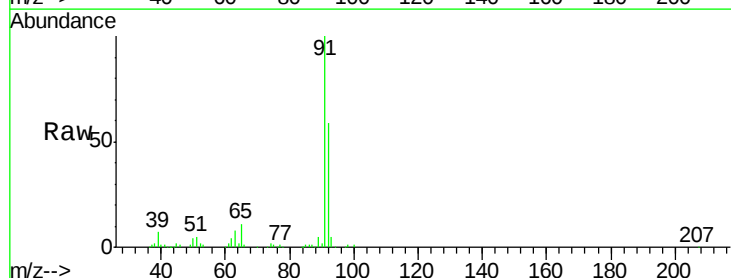
Acq: 12 Nov 2020 15:41

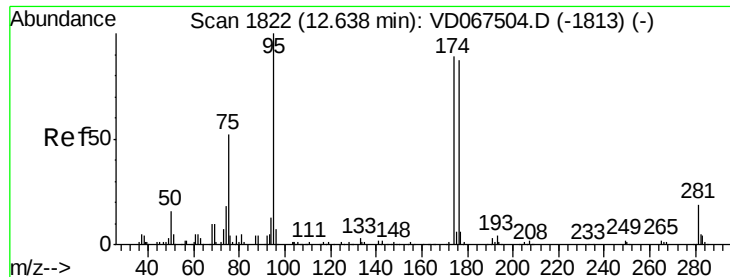
Tgt Ion: 92 Resp: 168106

Ion Ratio Lower Upper

92 100

91 167.9 137.0 205.6

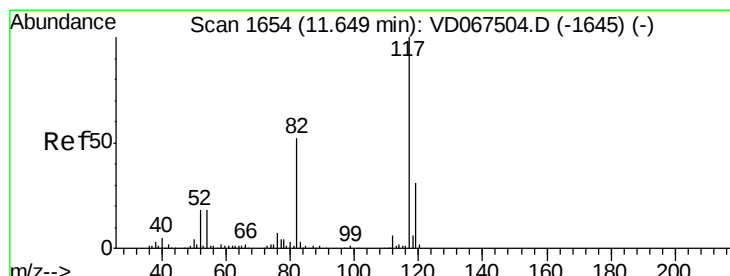
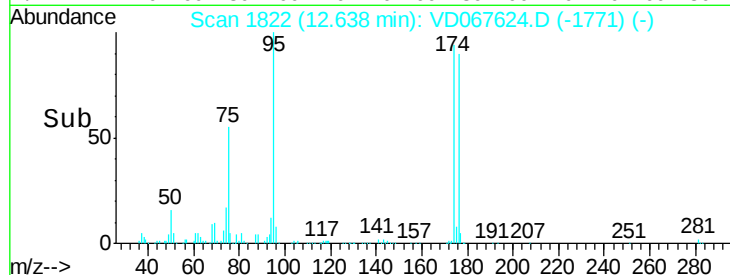
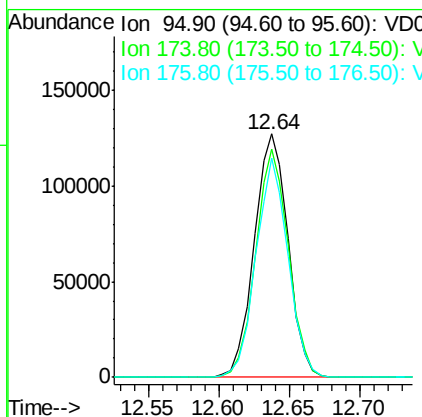
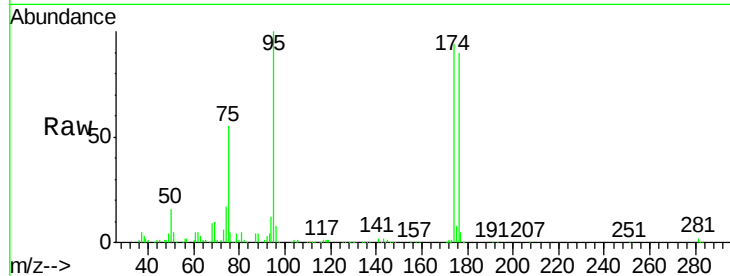




#62
4-Bromofluorobenzene
Concen: 61.157 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067624.D
Acq: 12 Nov 2020 15:41

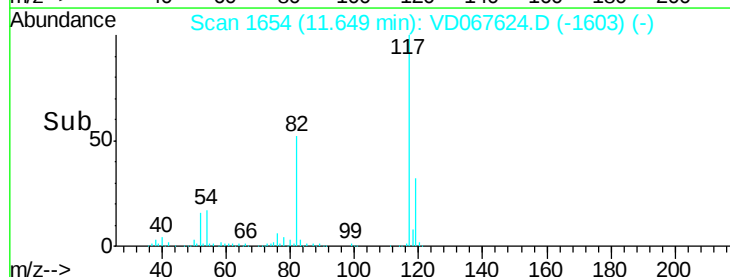
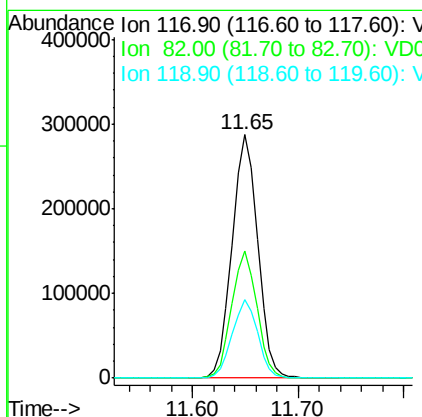
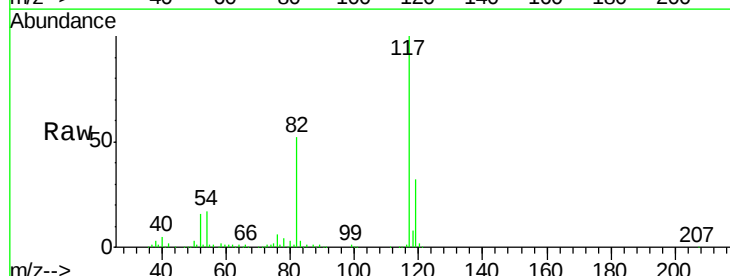
Instrument :
MSVOA_D
ClientSampleId :
RBR-34

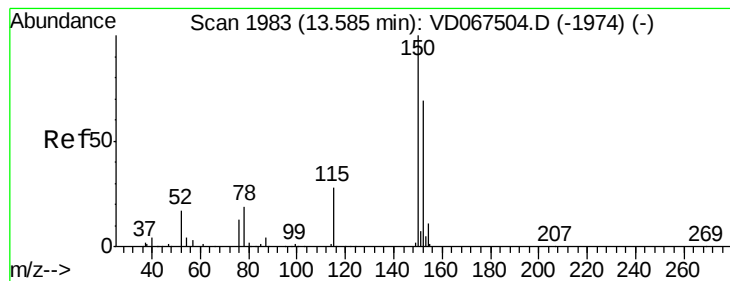
Tot Ion: 95 Resp: 213620
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 85.7 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067624.D
Acq: 12 Nov 2020 15:41

Tgt Ion: 117 Resp: 480482
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067624.D

Acq: 12 Nov 2020 15:41

Instrument :

MSVOA_D

ClientSampleId :

RBR-34

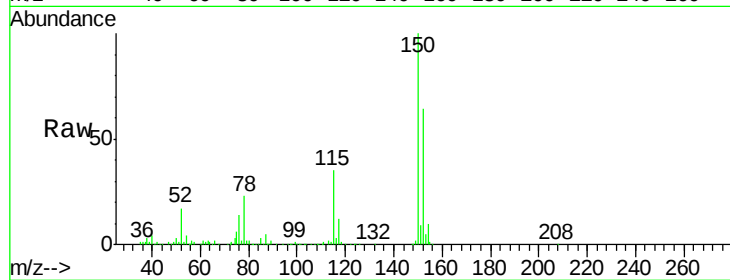
Tot Ion:152 Resp: 245717

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 156.1 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

