

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD064997.D
 Acq On : 29 Jan 2020 15:59
 Operator : VA/SY
 Sample : L1313-01
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-36

Quant Time: Jan 29 17:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	514282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	824521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	794903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	243257	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.92	113	253628	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.34	98	999072	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.64	95	341376	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	

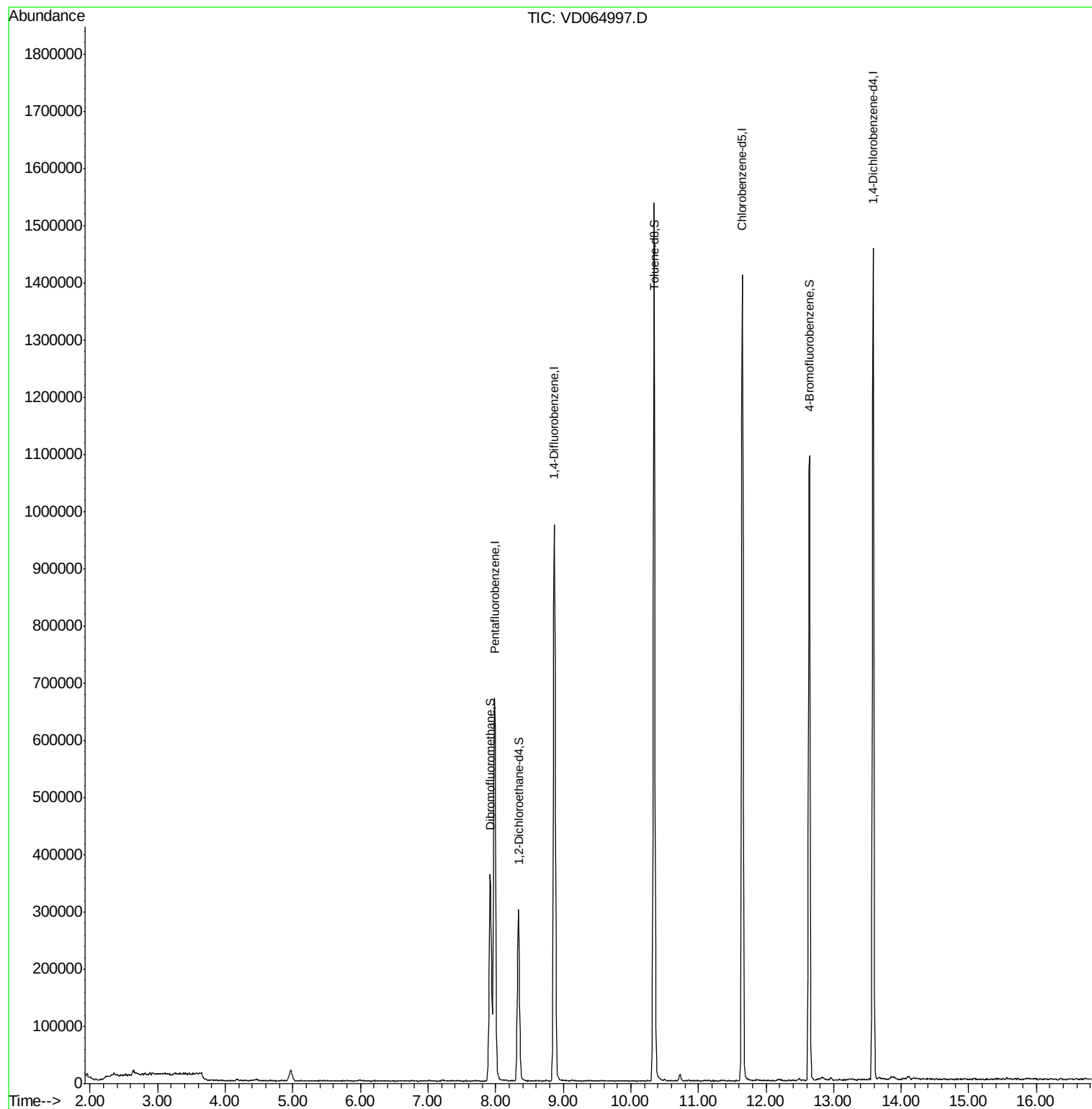
Target Compounds	Qvalue
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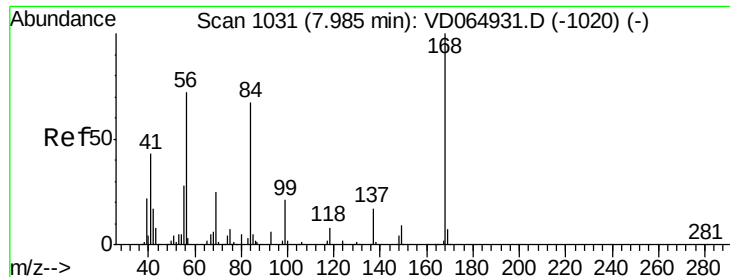
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064997.D

Acq: 29 Jan 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

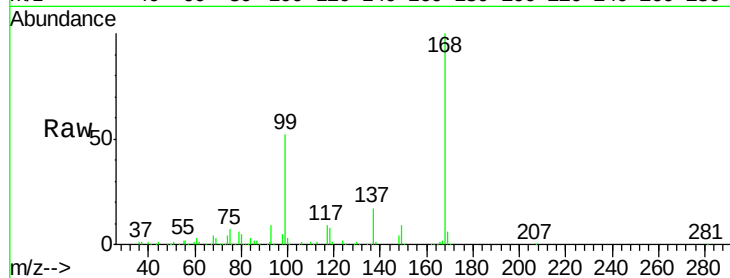
RBR-36

Tot Ion:168 Resp: 514282

Ion Ratio Lower Upper

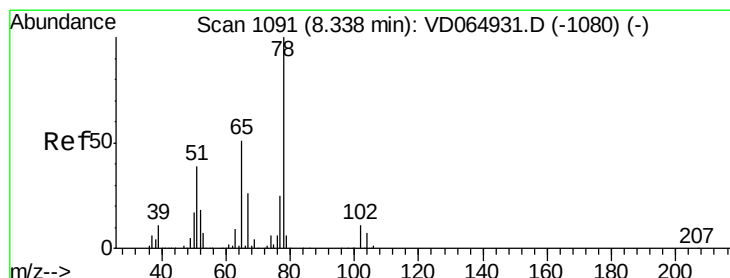
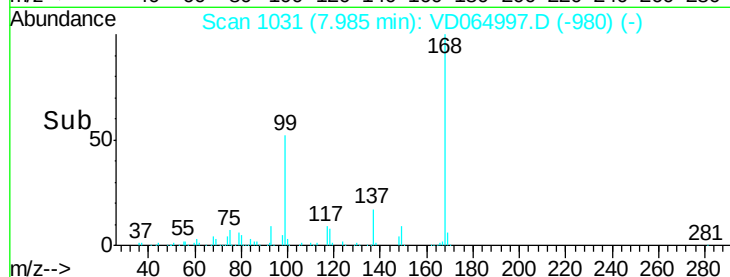
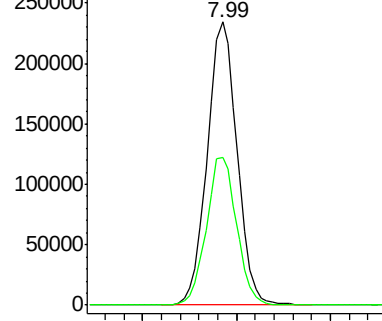
168 100

99 52.0 43.3 64.9



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: 49.311 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064997.D

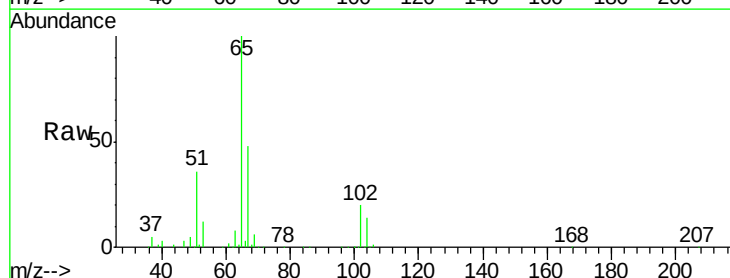
Acq: 29 Jan 2020 15:59

Tgt Ion: 65 Resp: 243257

Ion Ratio Lower Upper

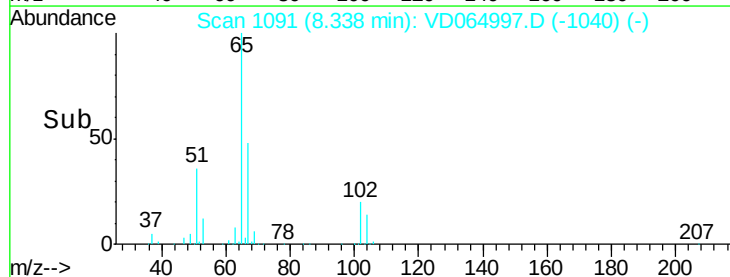
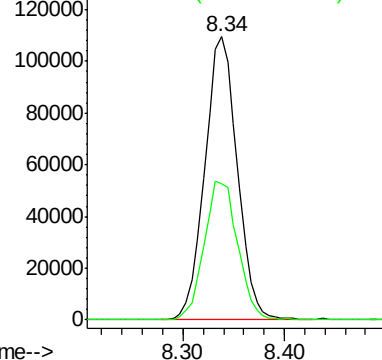
65 100

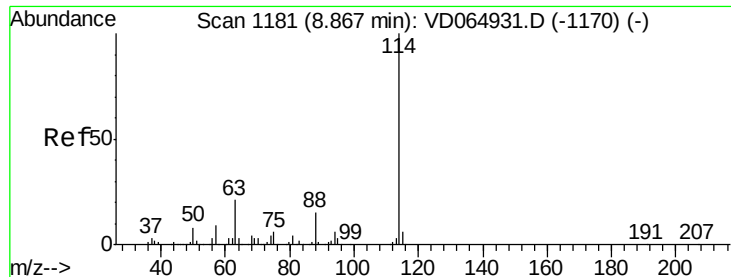
67 50.9 0.0 103.6



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: VD064997.D

Acq: 29 Jan 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

RBR-36

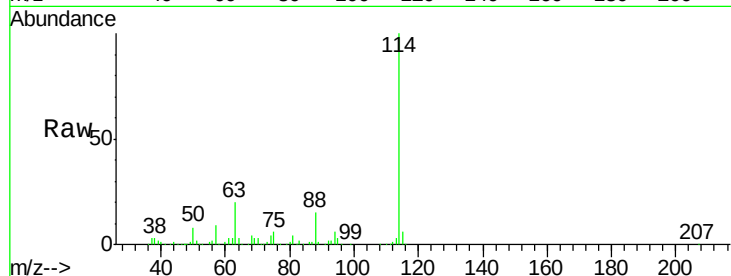
Tot Ion:114 Resp: 824521

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.0

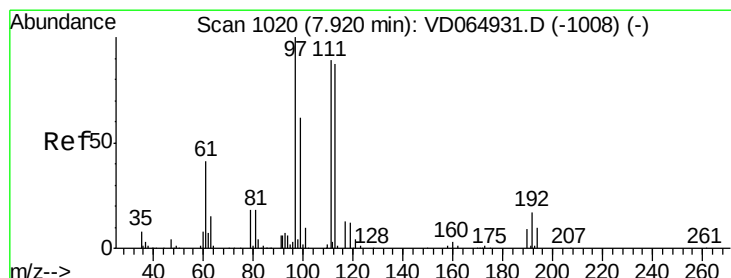
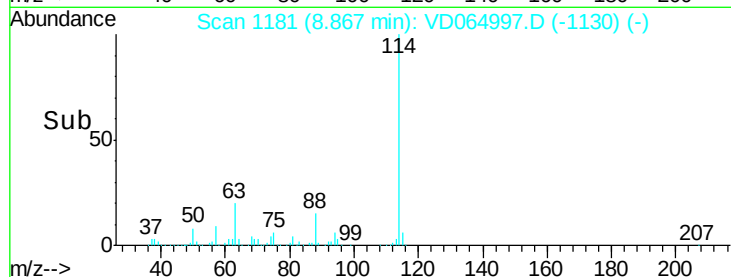
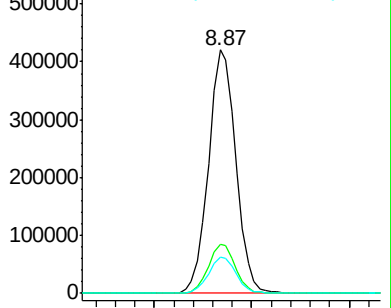
88 14.6 0.0 29.4



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: 48.950 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064997.D

Acq: 29 Jan 2020 15:59

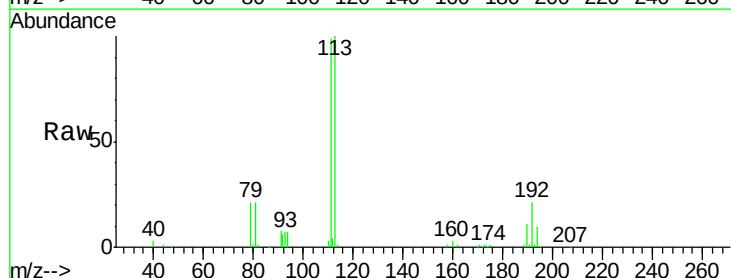
Tgt Ion:113 Resp: 253628

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

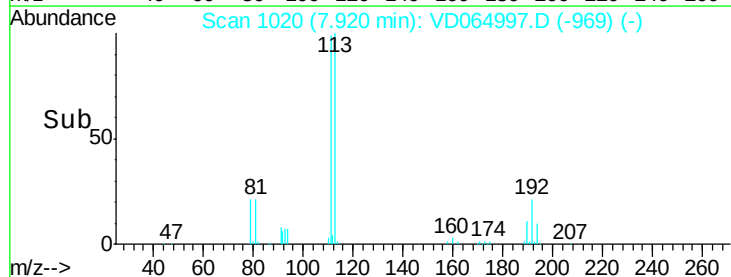
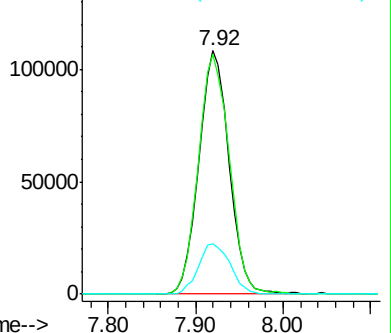
192 21.7 16.9 25.3

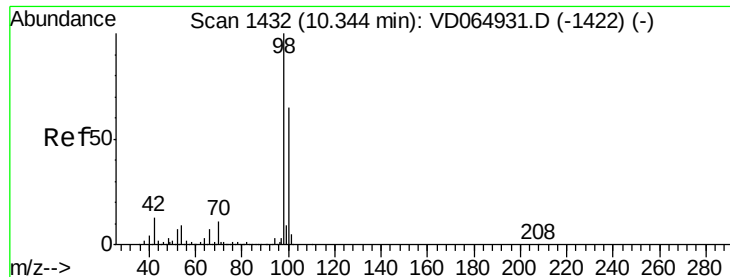


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.958 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064997.D

Acq: 29 Jan 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

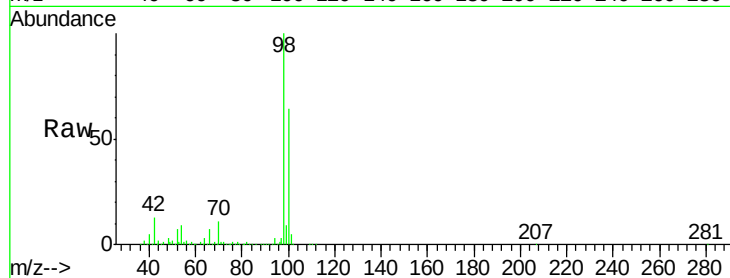
RBR-36

Tot Ion: 98 Resp: 999072

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VD064997.D (-1381) (-)

Ion 100.00 (99.70 to 100.70): VD064997.D (-1381) (-)

10.34

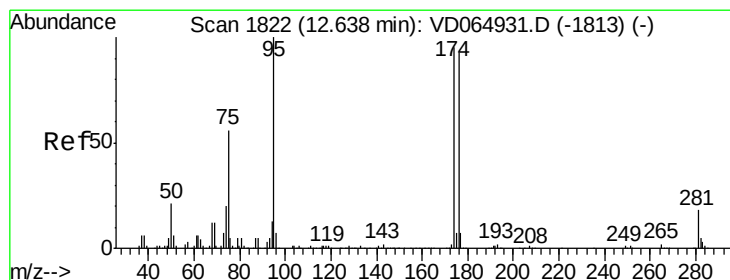
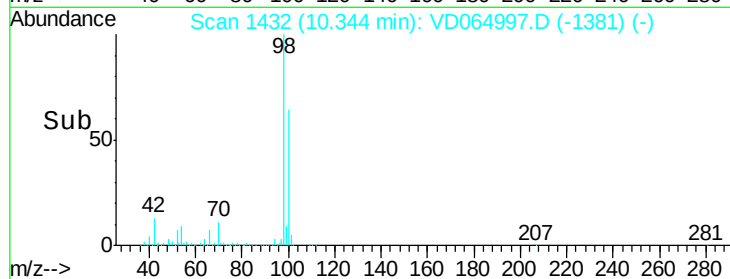
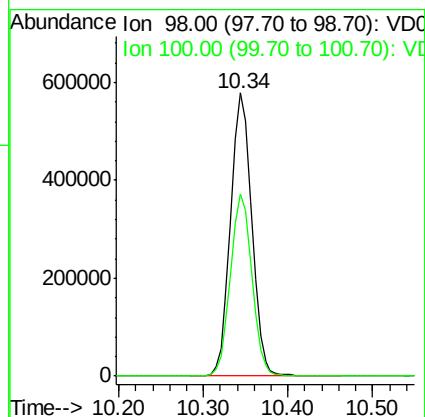
600000

400000

200000

0

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 55.781 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064997.D

Acq: 29 Jan 2020 15:59

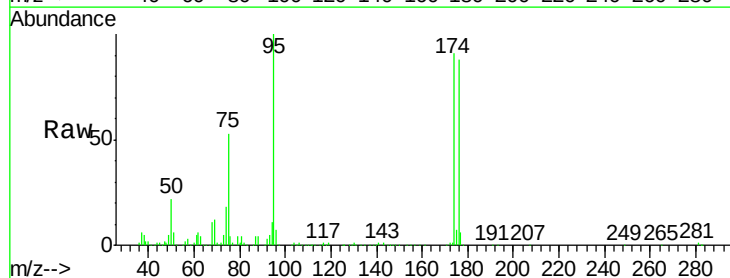
Tgt Ion: 95 Resp: 341376

Ion Ratio Lower Upper

95 100

174 90.2 0.0 186.8

176 86.5 0.0 183.4



Abundance Ion 94.90 (94.60 to 95.60): VD064997.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD064997.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD064997.D (-1771) (-)

12.64

250000

200000

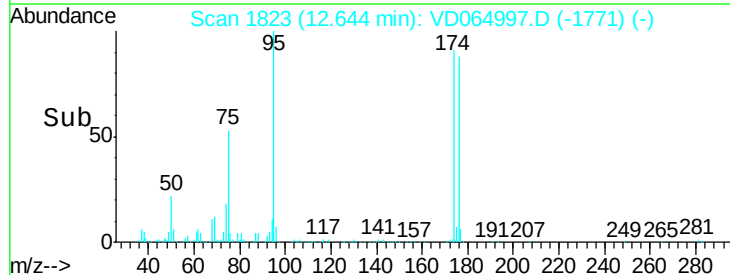
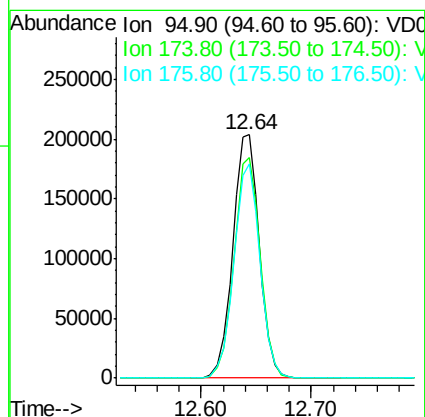
150000

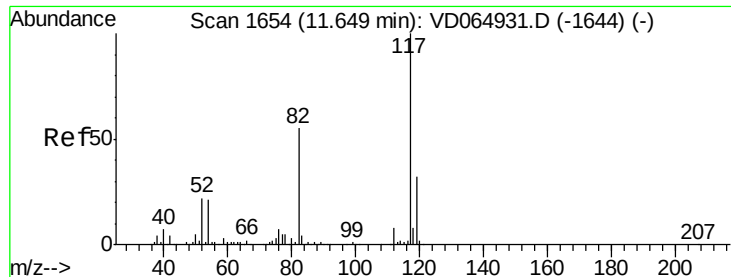
100000

50000

0

12.60 12.70

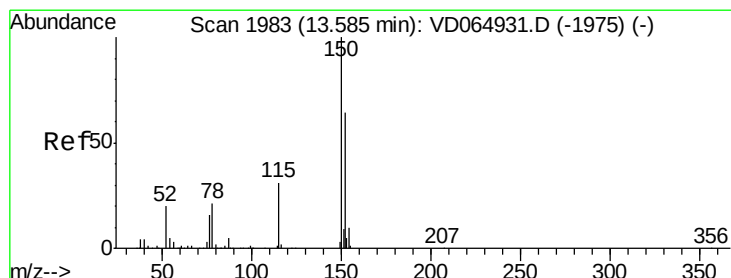
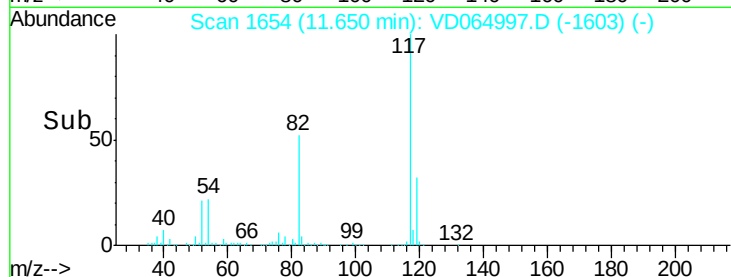
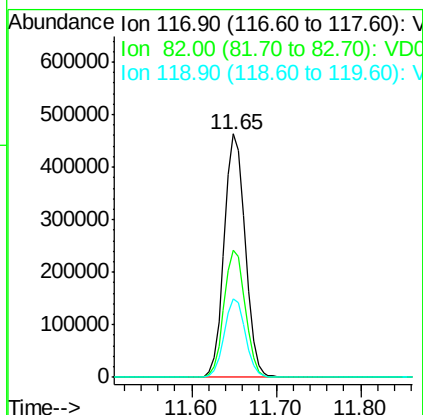
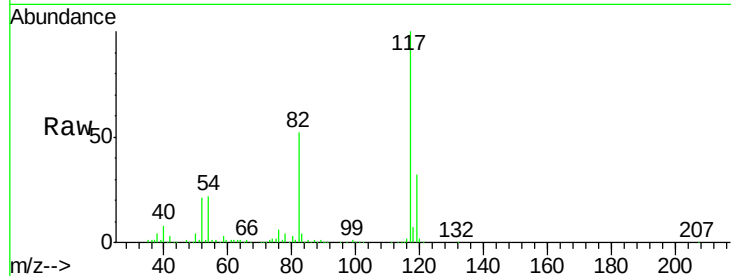




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064997.D
Acq: 29 Jan 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
RBR-36

Tot Ion:117 Resp: 794903
Ion Ratio Lower Upper
117 100
82 52.2 43.6 65.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064997.D
Acq: 29 Jan 2020 15:59

Tgt Ion:152 Resp: 373183
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.4
150 158.4 0.0 350.4

