

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064181.D
 Acq On : 11 Nov 2019 16:45
 Operator : VA/SY
 Sample : K5760-02
 Misc : 7.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-50

Quant Time: Nov 12 03:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	331248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	583845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	611363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319767	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	236944	86.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.94%	
35) Dibromofluoromethane	7.92	113	198545	59.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.48%	
50) Toluene-d8	10.34	98	701409	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.64	95	300606	68.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.32%	

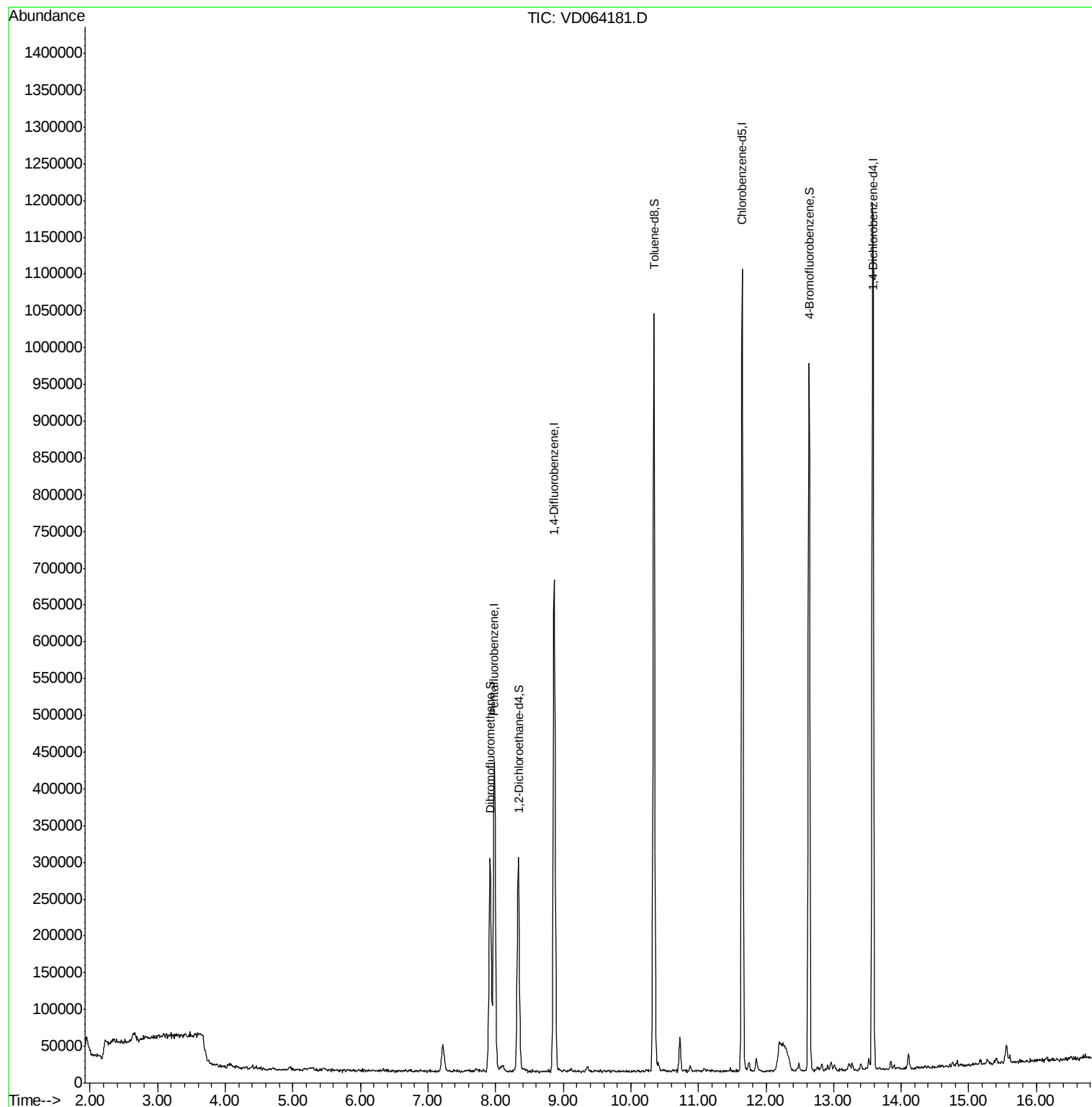
Target Compounds	Qvalue

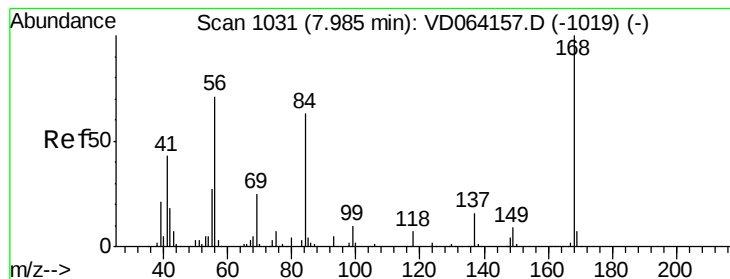
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064181.D

Acq: 11 Nov 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

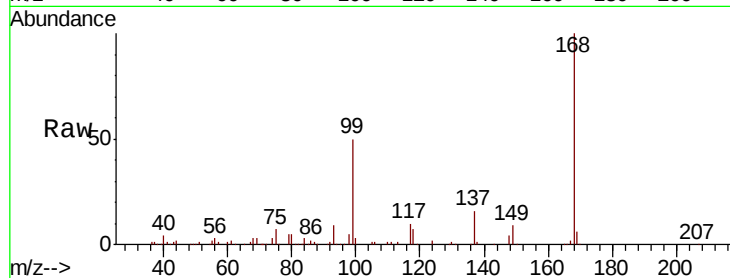
RBR-50

Tot Ion:168 Resp: 331248

Ion Ratio Lower Upper

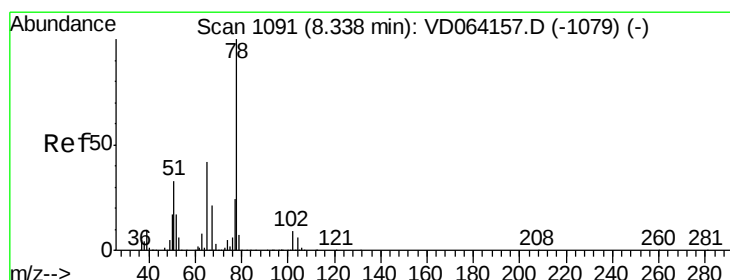
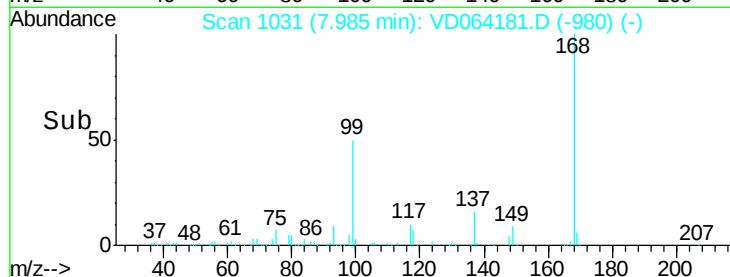
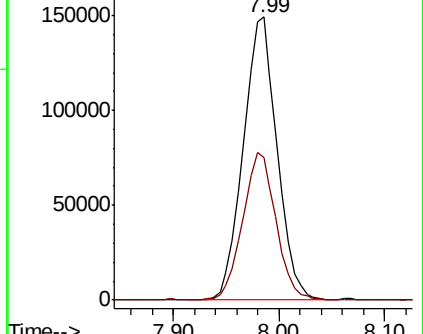
168 100

99 50.2 41.6 62.4



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: 86.974 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064181.D

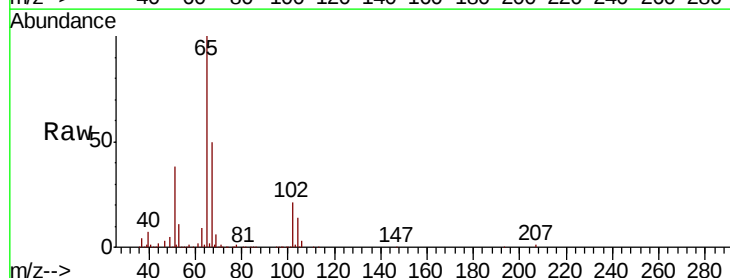
Acq: 11 Nov 2019 16:45

Tgt Ion: 65 Resp: 236944

Ion Ratio Lower Upper

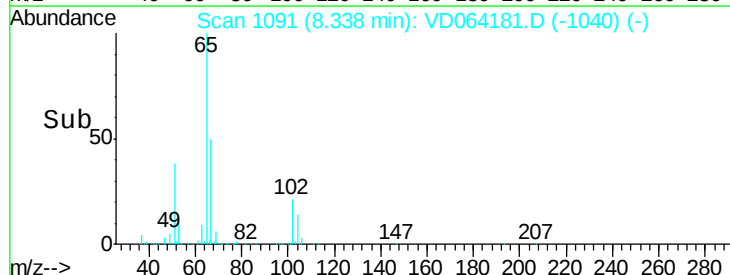
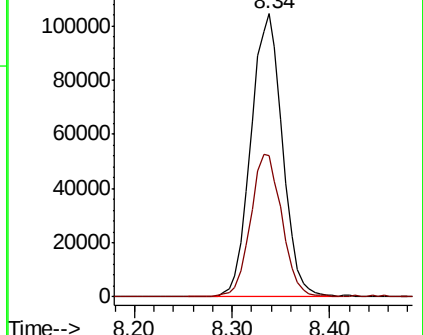
65 100

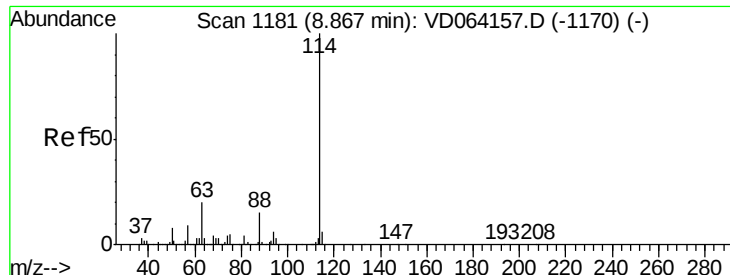
67 50.5 0.0 104.4



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: VD064181.D

Acq: 11 Nov 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

RBR-50

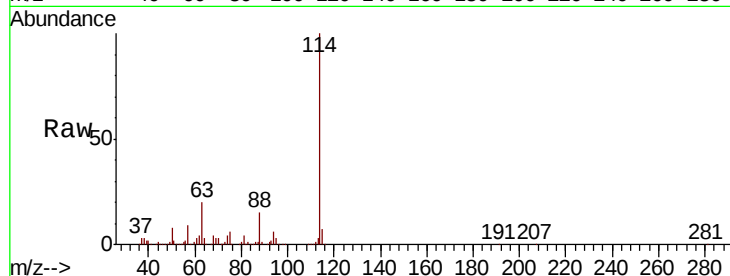
Tot Ion:114 Resp: 583845

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

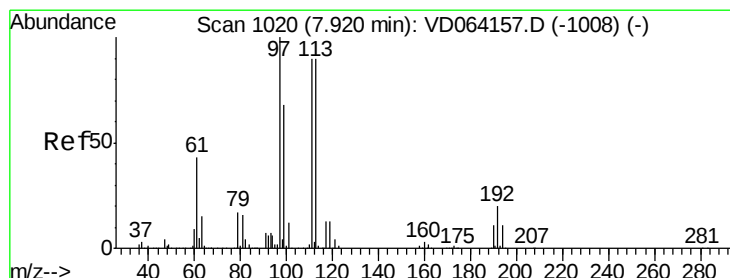
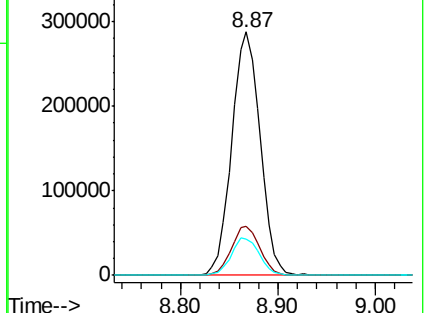
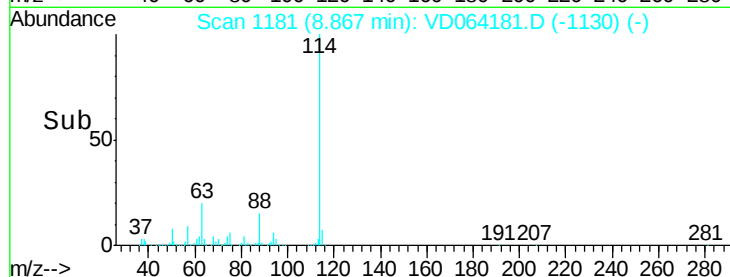
88 14.9 0.0 30.2



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: 59.243 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064181.D

Acq: 11 Nov 2019 16:45

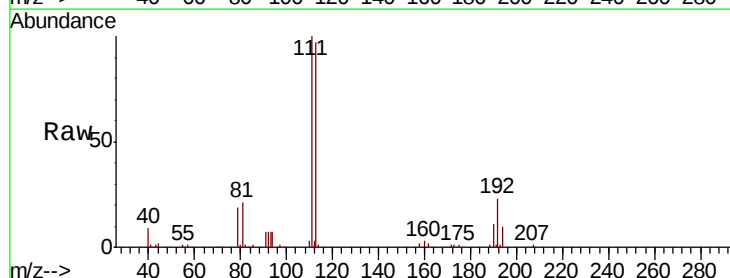
Tgt Ion:113 Resp: 198545

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

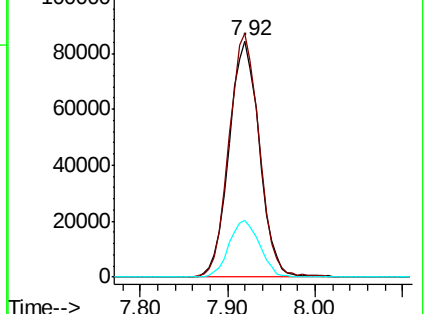
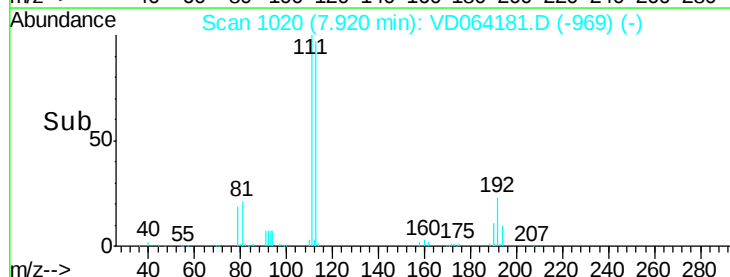
192 24.2 18.8 28.2



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: 55.479 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064181.D

Acq: 11 Nov 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

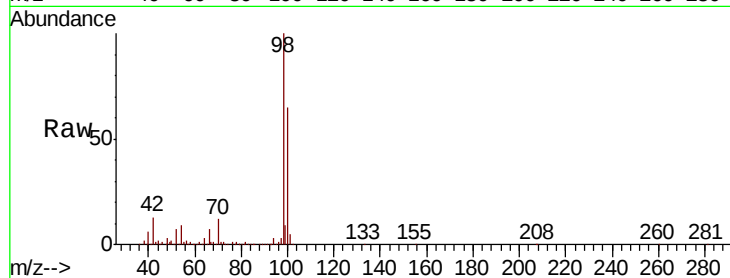
RBR-50

Tot Ion: 98 Resp: 701409

Ion Ratio Lower Upper

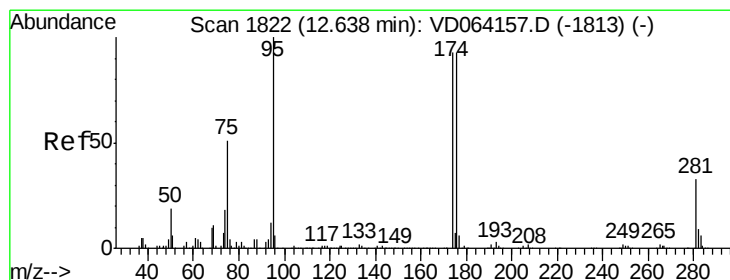
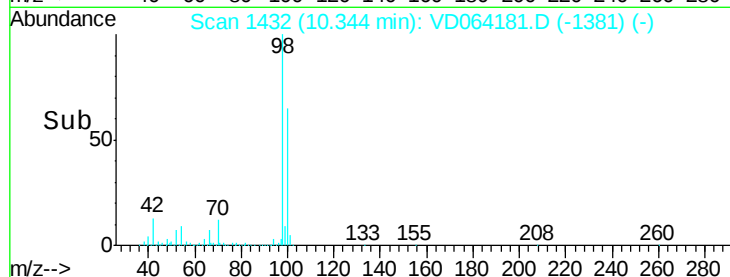
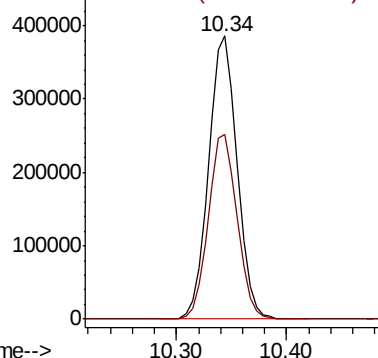
98 100

100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 68.658 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064181.D

Acq: 11 Nov 2019 16:45

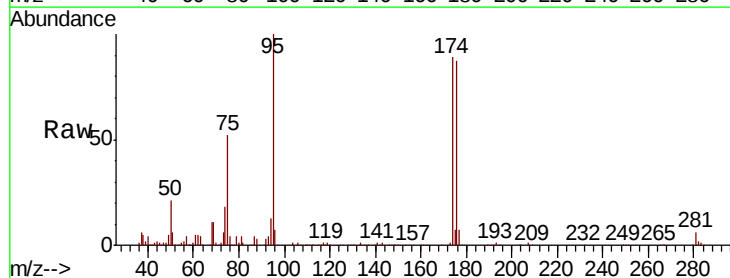
Tgt Ion: 95 Resp: 300606

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

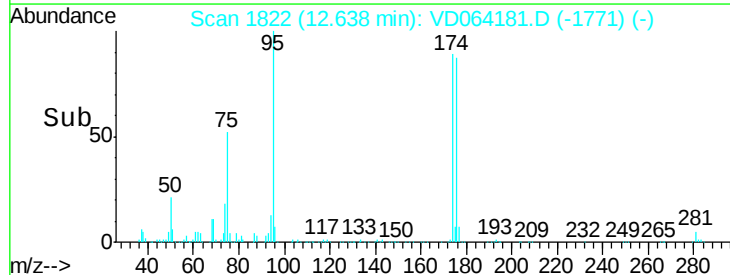
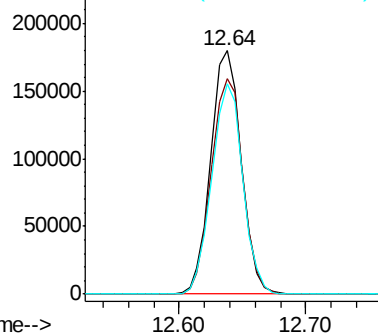
176 87.8 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

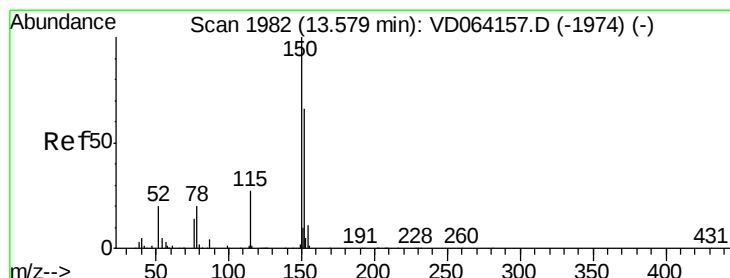
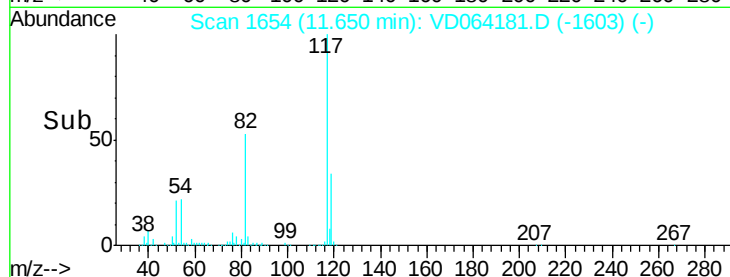
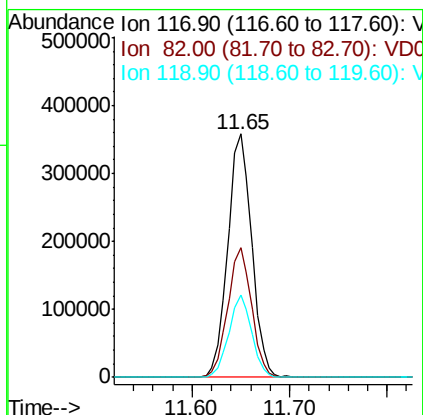
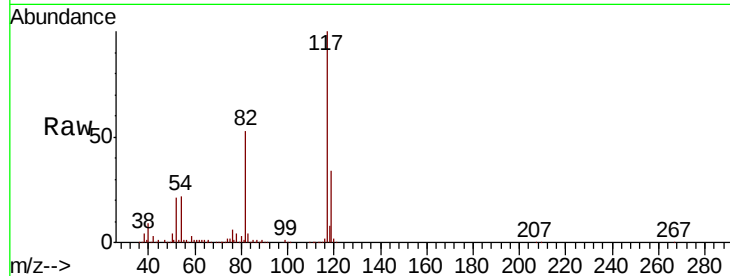




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064181.D
Acq: 11 Nov 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :
RBR-50

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.8	64.2
119	33.6	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064181.D
Acq: 11 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.4	82.2
150	157.3	0.0	351.6

