

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064170.D
 Acq On : 08 Nov 2019 22:34
 Operator : VA/SY
 Sample : K5722-12RE
 Misc : 5.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-BRE

Quant Time: Nov 09 02:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 16:20:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	465800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	749950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	759429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	401373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	255738	66.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.52%	
35) Dibromofluoromethane	7.92	113	243991	56.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.36%	
50) Toluene-d8	10.34	98	900087	55.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.64	95	367939	65.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.84%	

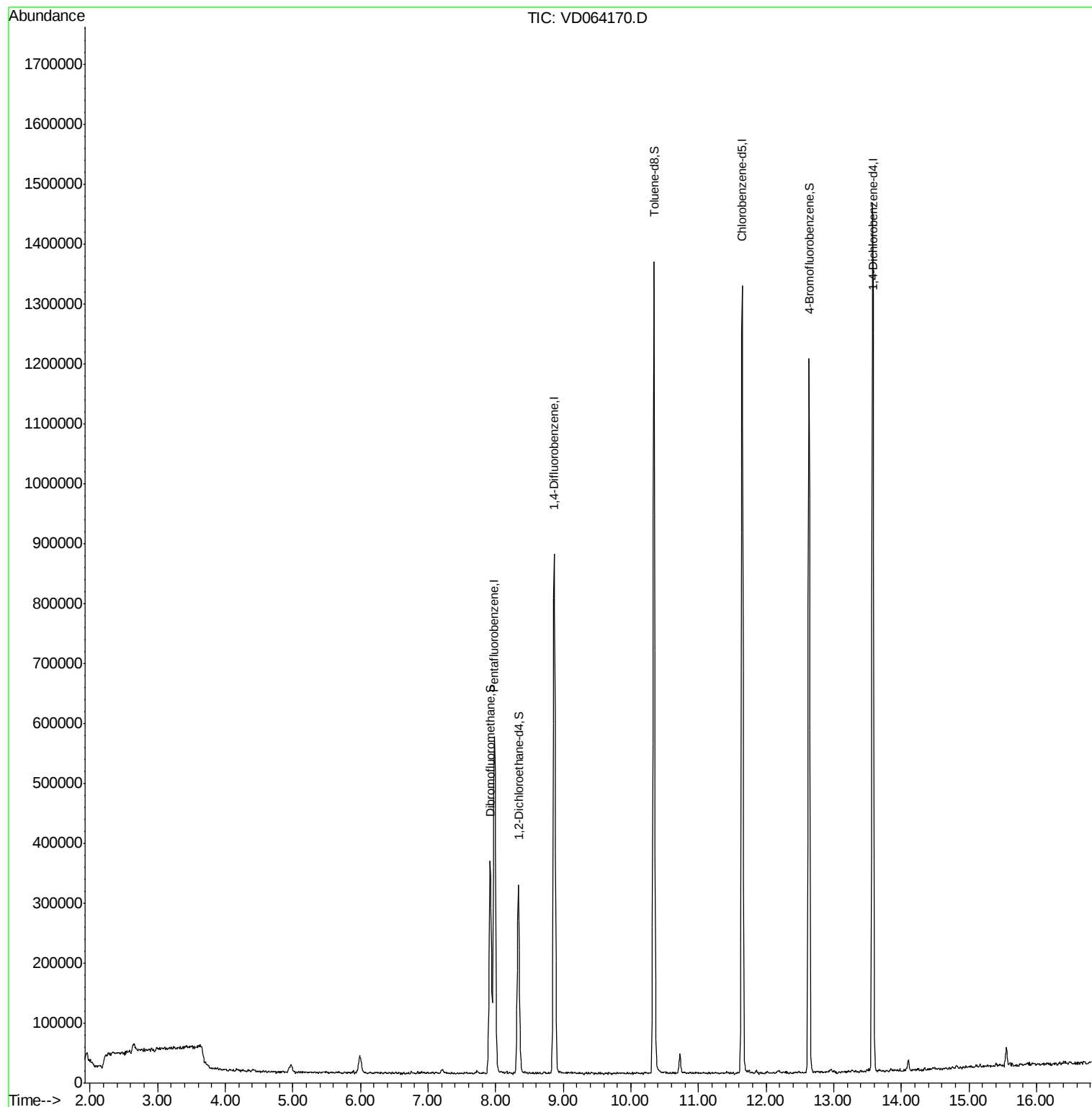
Target Compounds	Qvalue

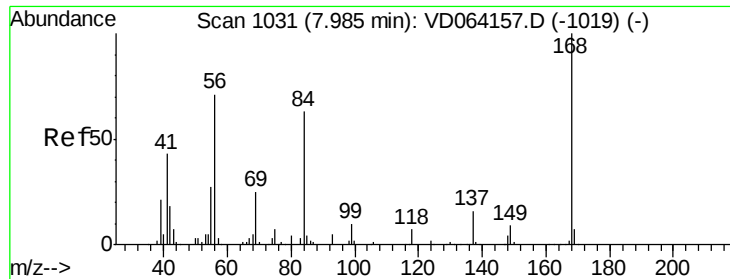
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064170.D

Acq: 08 Nov 2019 22:34

Instrument :

MSVOA_D

ClientSampleId :

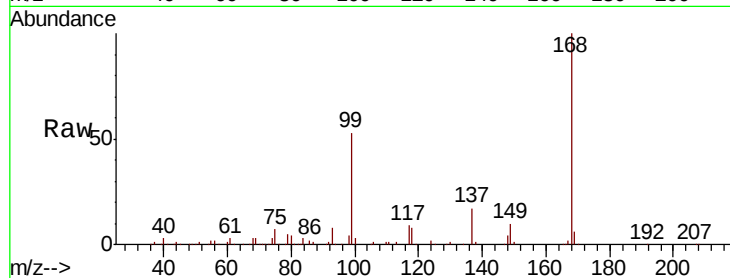
1-BRE

Tot Ion:168 Resp: 465800

Ion Ratio Lower Upper

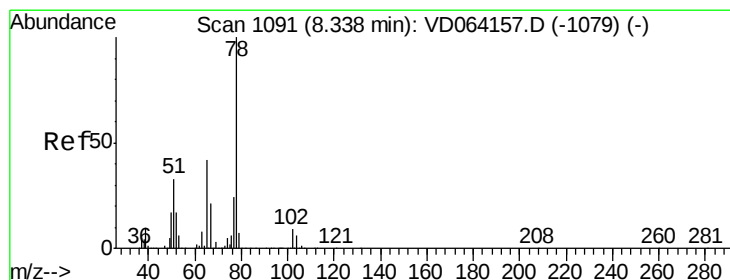
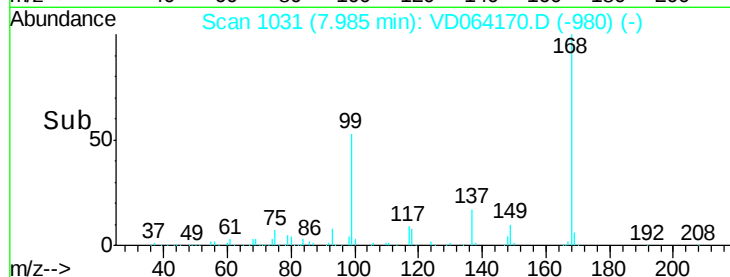
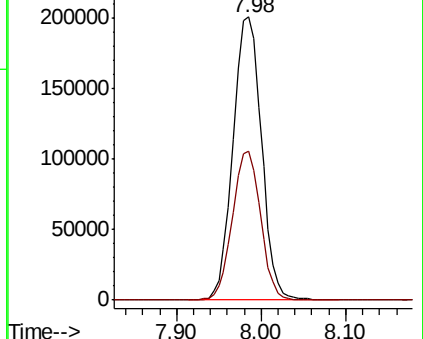
168 100

99 52.8 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: 66.756 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064170.D

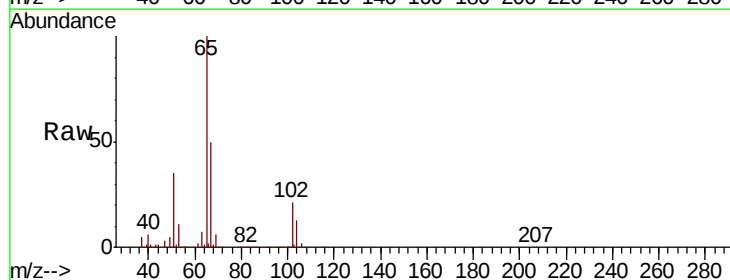
Acq: 08 Nov 2019 22:34

Tgt Ion: 65 Resp: 255738

Ion Ratio Lower Upper

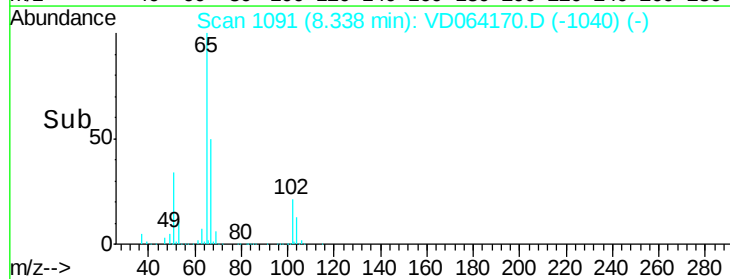
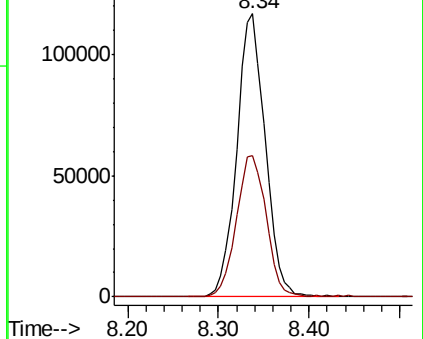
65 100

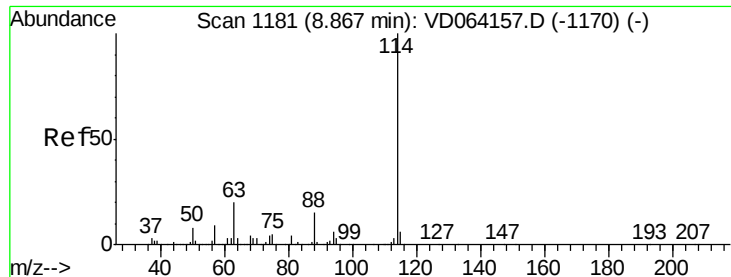
67 52.4 0.0 104.4



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: VD064170.D

Acq: 08 Nov 2019 22:34

Instrument :

MSVOA_D

ClientSampleId :

1-BRE

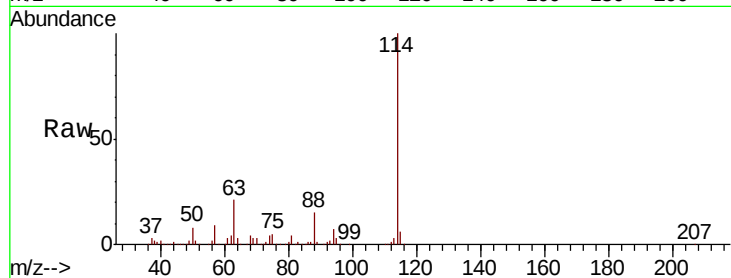
Tot Ion:114 Resp: 749950

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

400000

300000

200000

100000

0

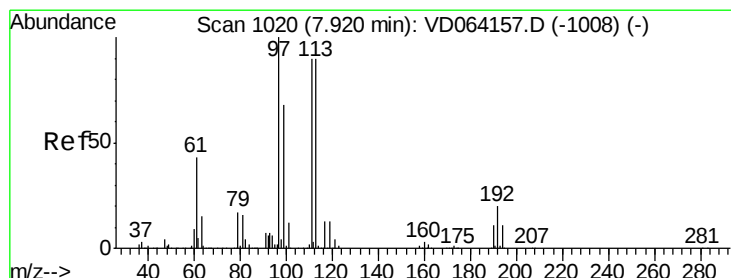
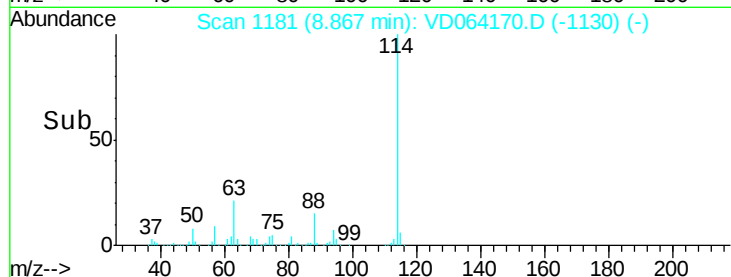
8.87

8.80

8.90

9.00

Time-->



#35

Dibromofluoromethane

Concen: 56.678 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064170.D

Acq: 08 Nov 2019 22:34

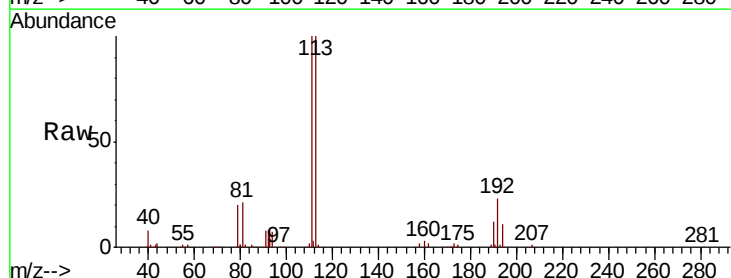
Tgt Ion:113 Resp: 243991

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

192 23.5 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

100000

50000

0

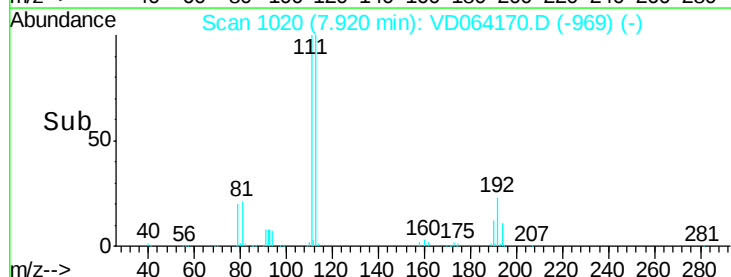
7.92

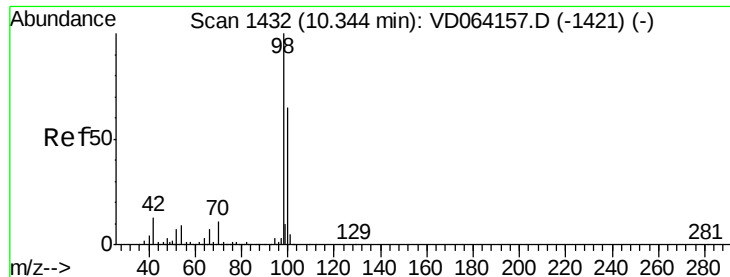
7.80

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 55.425 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064170.D

Acq: 08 Nov 2019 22:34

Instrument :

MSVOA_D

ClientSampleId :

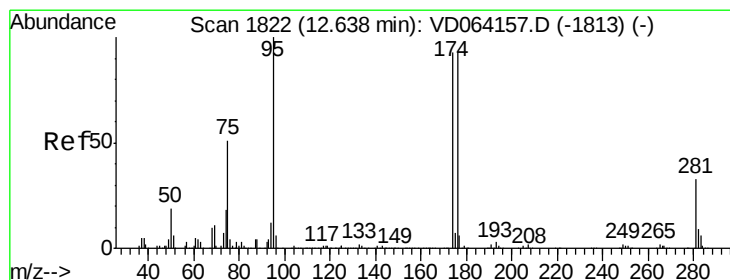
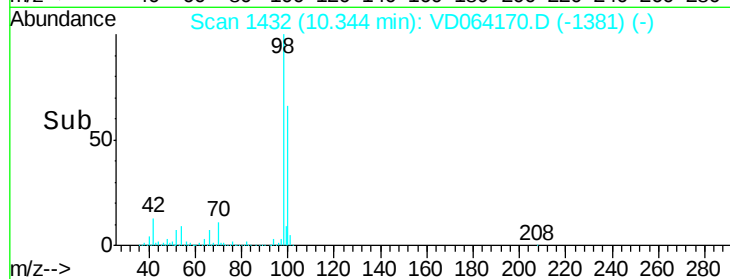
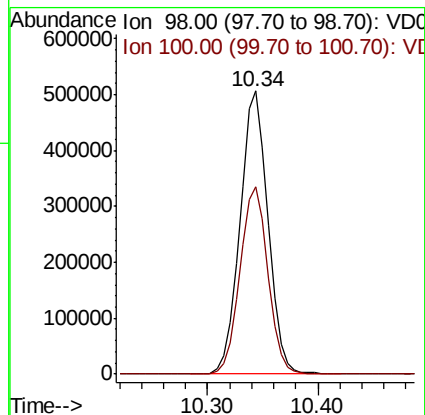
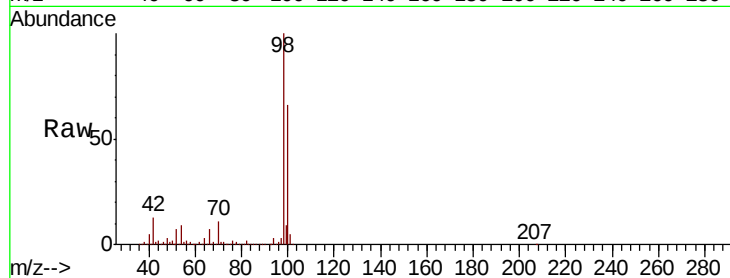
1-BRE

Tot Ion: 98 Resp: 900087

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 65.424 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064170.D

Acq: 08 Nov 2019 22:34

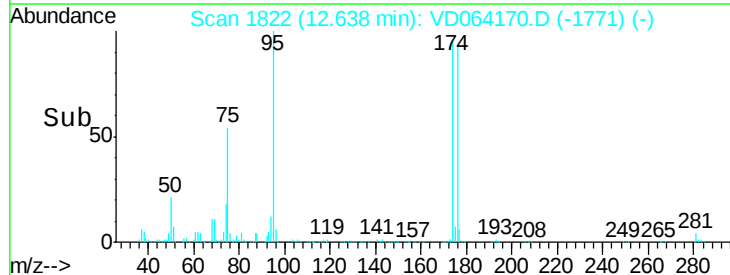
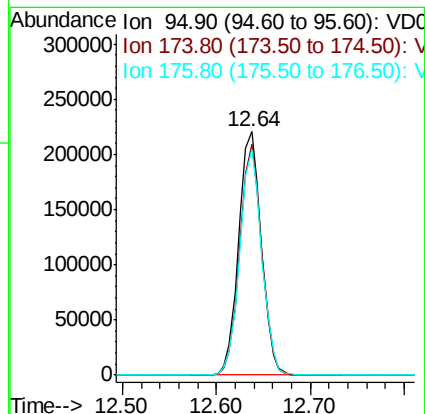
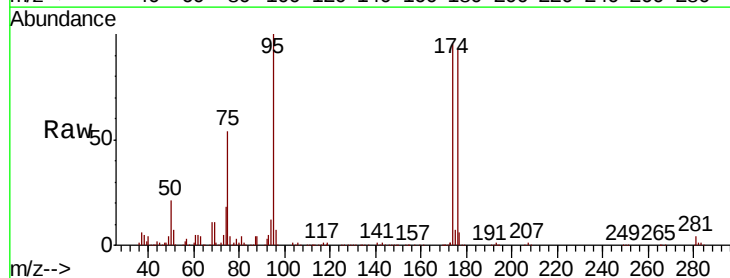
Tgt Ion: 95 Resp: 367939

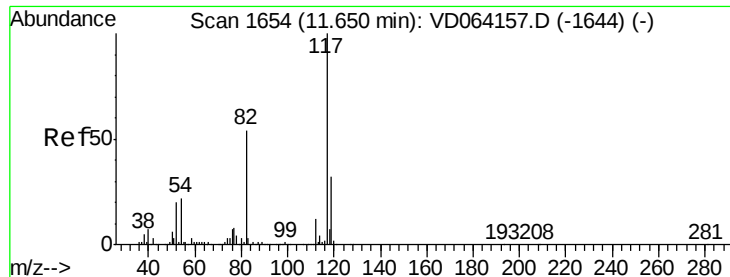
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.6

176 90.3 0.0 180.2

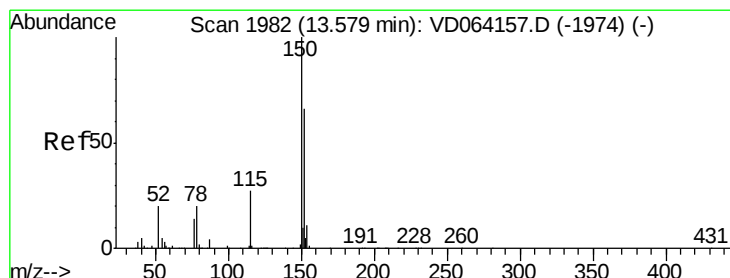
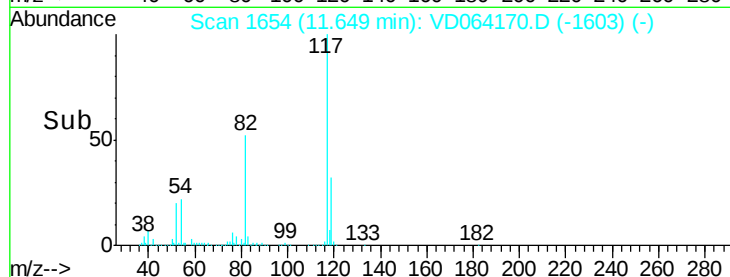
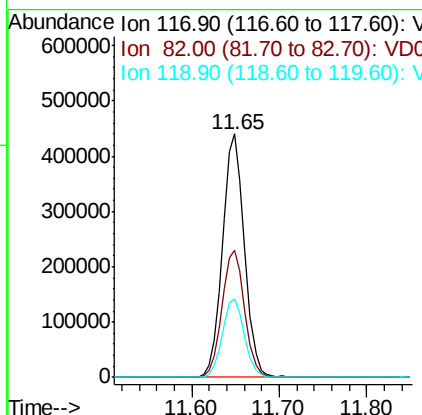
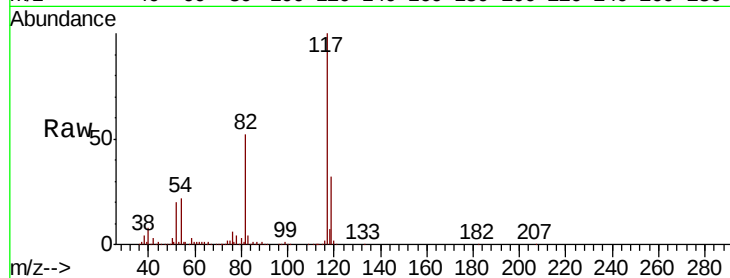




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064170.D
Acq: 08 Nov 2019 22:34

Instrument :
MSVOA_D
ClientSampleId :
1-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.8	64.2
119	32.2	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: VD064170.D
Acq: 08 Nov 2019 22:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.4	82.2
150	155.9	0.0	351.6

