

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064209.D
 Acq On : 14 Nov 2019 12:03
 Operator : VA/SY
 Sample : VD1114SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

Quant Time: Nov 15 05:59:51 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	7.98	168	867484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1238674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1314406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	715539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	336668	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	7.91	113	364055	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.34	98	1499875	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
62) 4-Bromofluorobenzene	12.64	95	633916	68.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.48%	

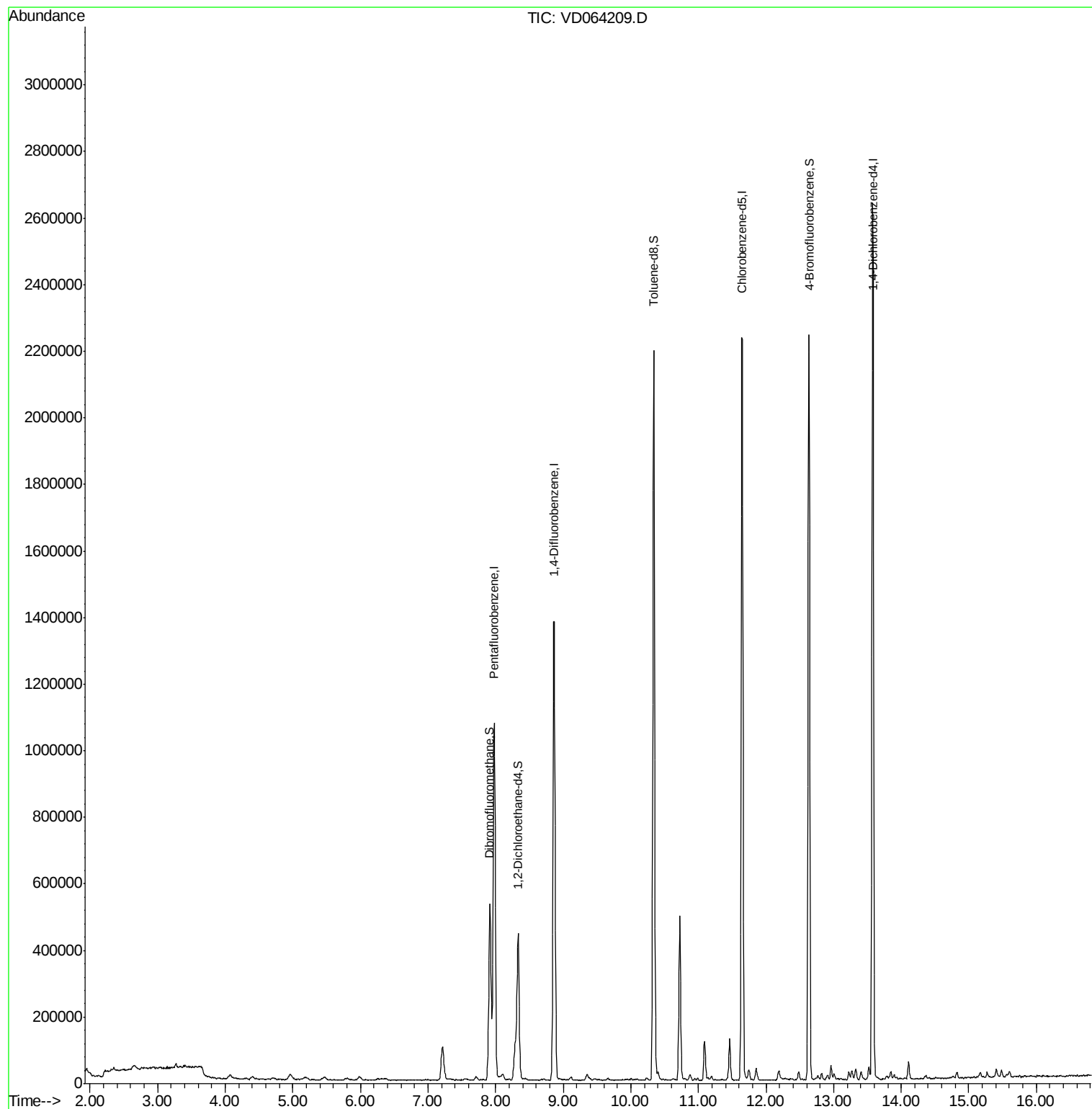
Target Compounds	Qvalue

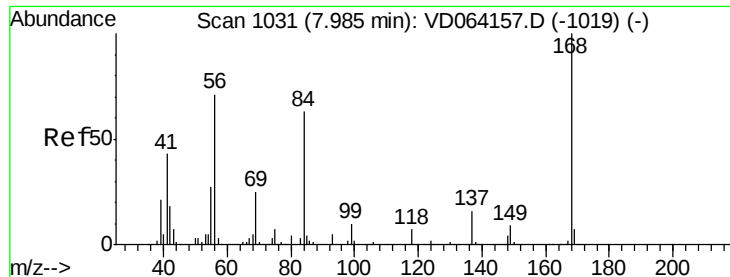
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064209.D

Acq: 14 Nov 2019 12:03

Instrument :

MSVOA_D

ClientSampleId :

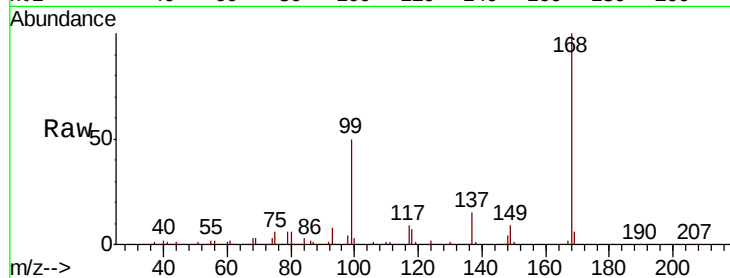
VD1114SBL01

Tot Ion:168 Resp: 867484

Ion Ratio Lower Upper

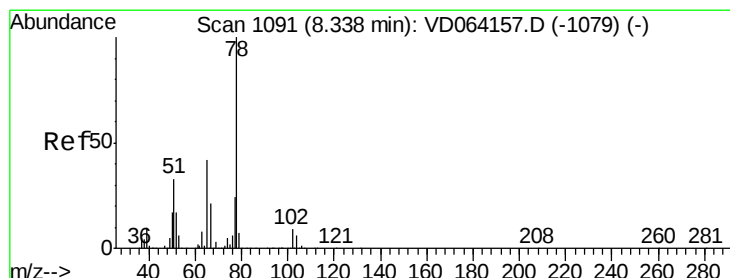
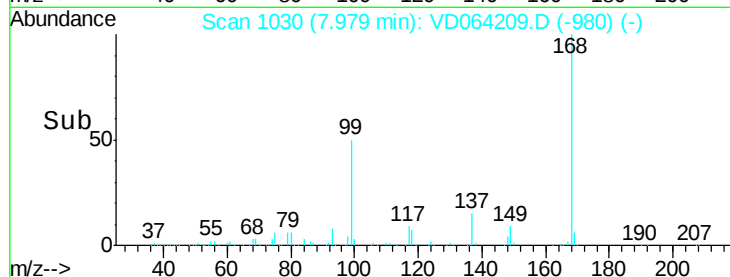
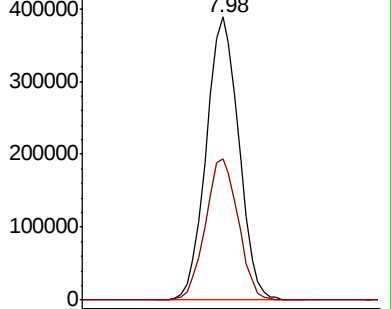
168 100

99 49.6 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: 47.188 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064209.D

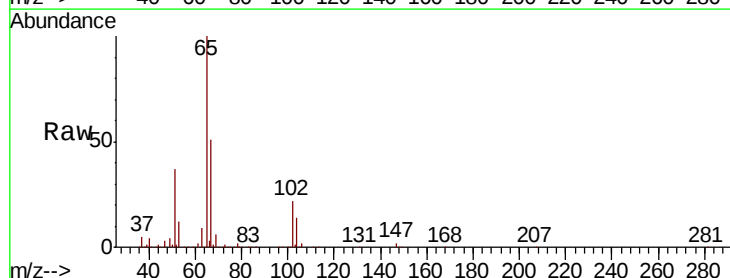
Acq: 14 Nov 2019 12:03

Tgt Ion: 65 Resp: 336668

Ion Ratio Lower Upper

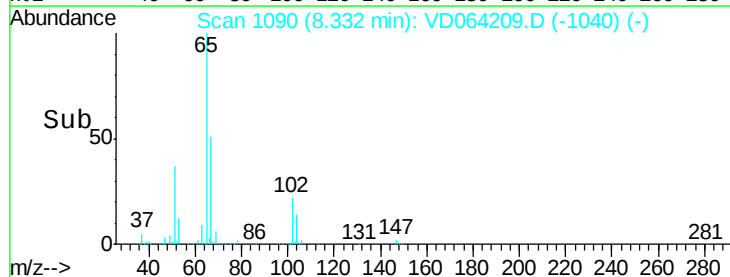
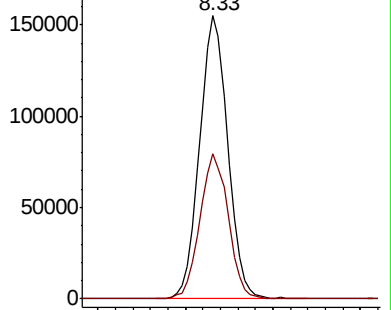
65 100

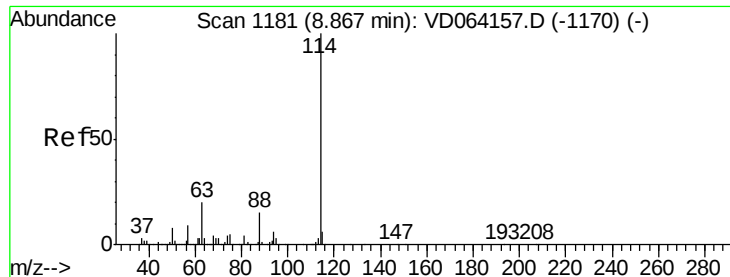
67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

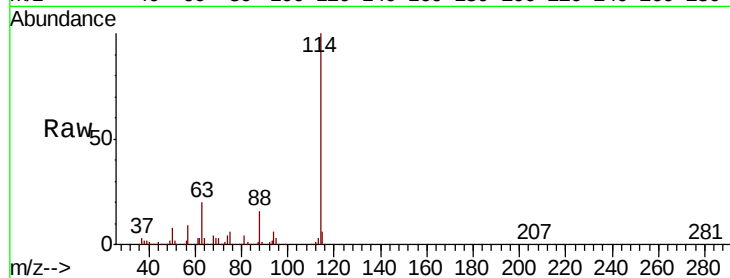




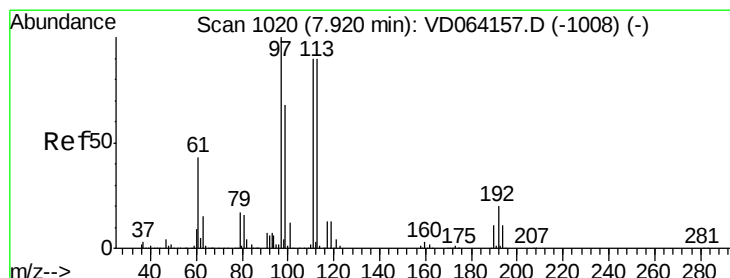
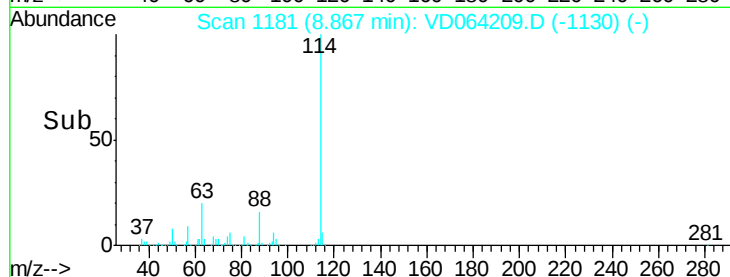
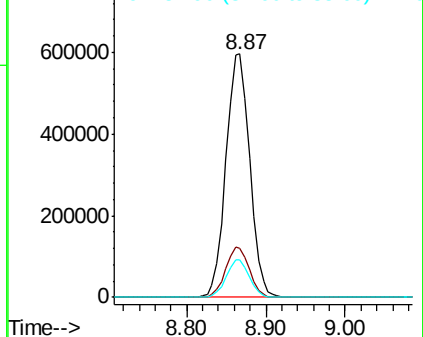
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064209.D
Acq: 14 Nov 2019 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion:114 Resp: 1238674
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.5 0.0 30.2

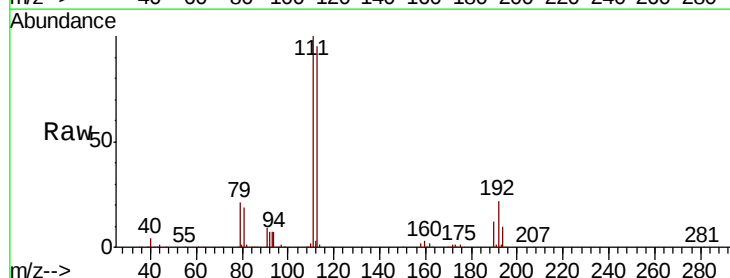


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

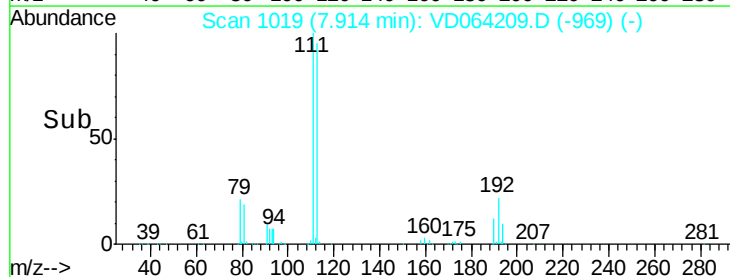
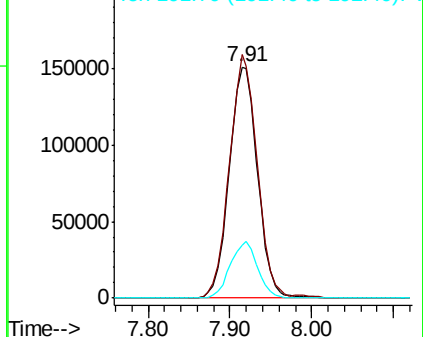


#35
Dibromofluoromethane
Concen: 51.202 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064209.D
Acq: 14 Nov 2019 12:03

Tgt Ion:113 Resp: 364055
Ion Ratio Lower Upper
113 100
111 102.5 81.5 122.3
192 23.9 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: 55.918 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064209.D

Acq: 14 Nov 2019 12:03

Instrument :

MSVOA_D

ClientSampleId :

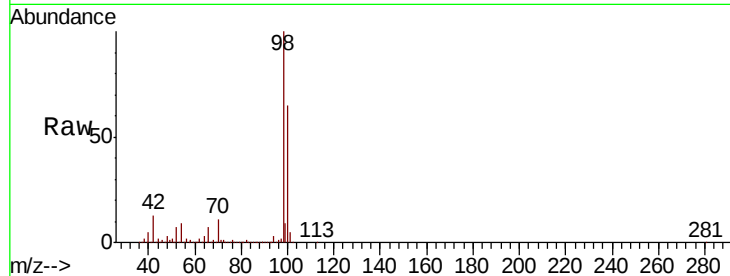
VD1114SBL01

Tot Ion: 98 Resp: 1499875

Ion Ratio Lower Upper

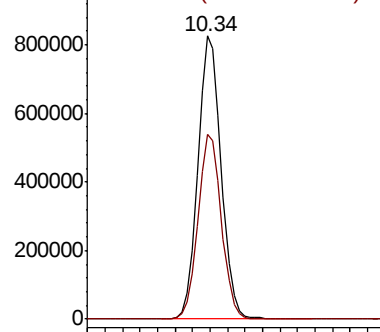
98 100

100 65.6 52.6 78.8

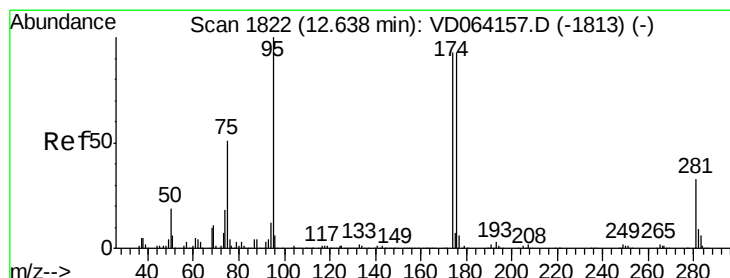
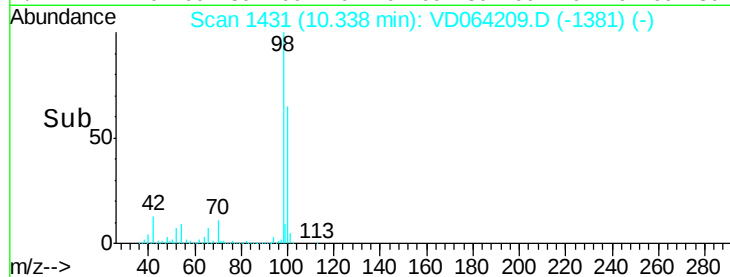


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 68.245 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064209.D

Acq: 14 Nov 2019 12:03

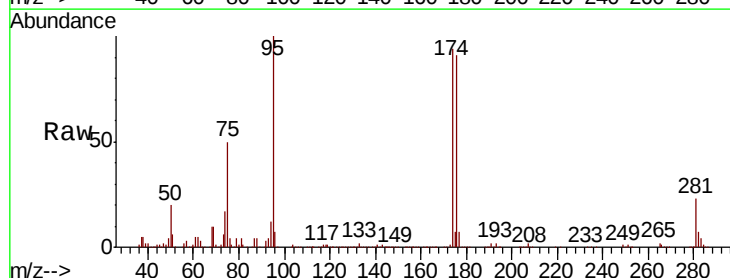
Tgt Ion: 95 Resp: 633916

Ion Ratio Lower Upper

95 100

174 94.4 0.0 183.6

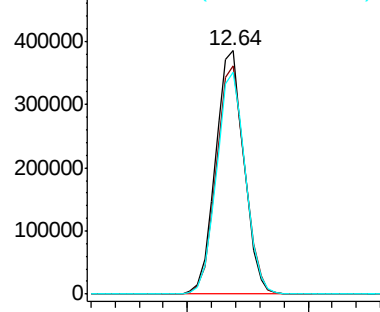
176 92.4 0.0 180.2



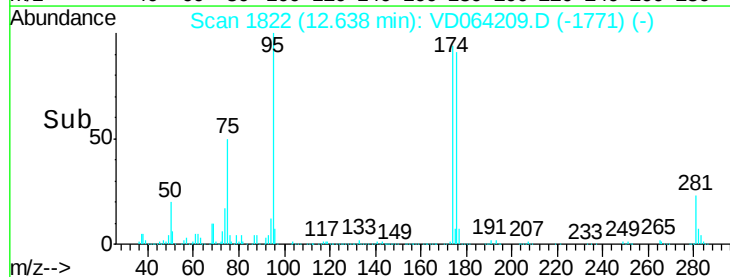
Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time--> 12.60 12.70

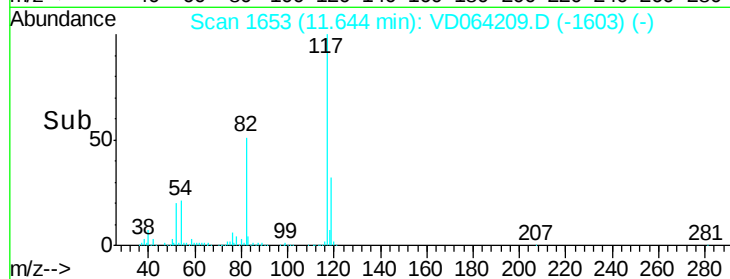
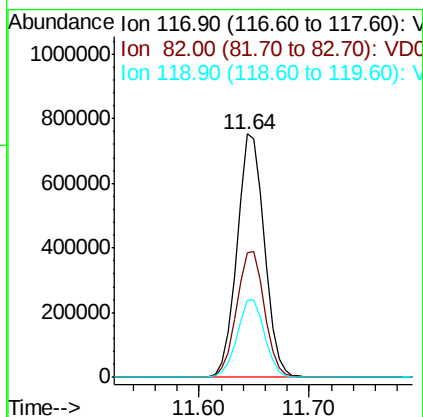
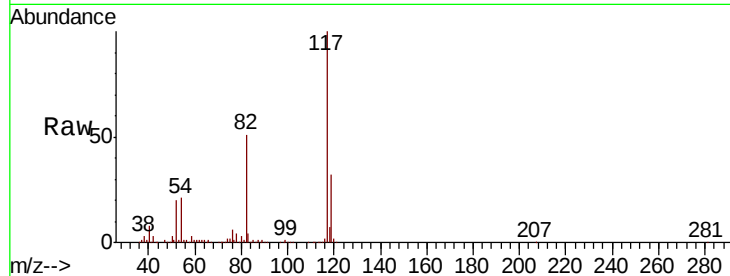




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064209.D
Acq: 14 Nov 2019 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion:117 Resp: 1314406
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 31.6 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: VD064209.D
Acq: 14 Nov 2019 12:03

Tgt Ion:152 Resp: 715539
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 156.4 0.0 351.6

