

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064115.D
 Acq On : 30 Oct 2019 16:32
 Operator : VA/SY
 Sample : K5599-15
 Misc : 6.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-23B

Quant Time: Oct 31 04:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	221160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	384033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	98311	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	7.91	113	116989	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.34	98	462826	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	159119	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

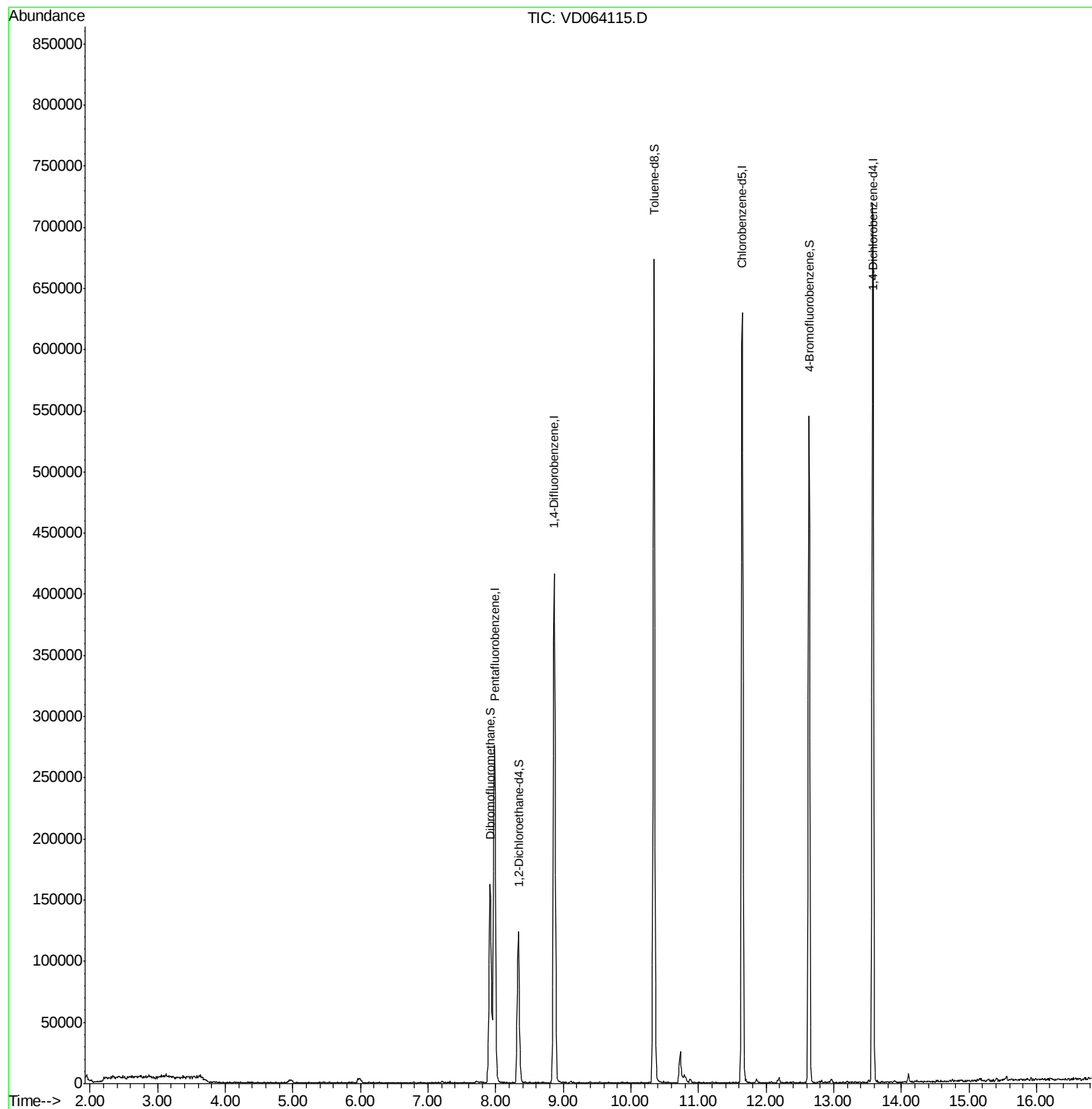
Target Compounds	Qvalue

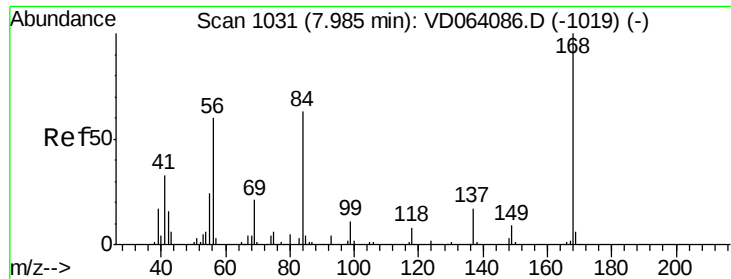
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
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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: VD064115.D

Acq: 30 Oct 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

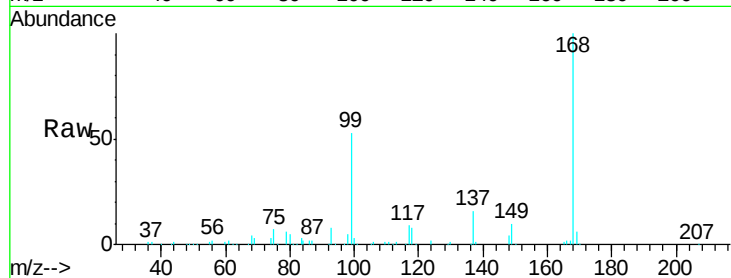
Z3-23B

Tgt Ion: 168 Resp: 221160

Ion Ratio Lower Upper

168 100

99 53.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

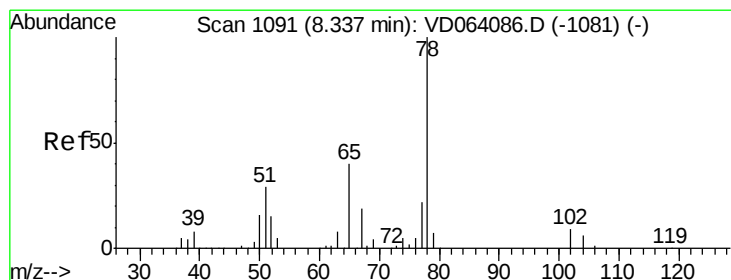
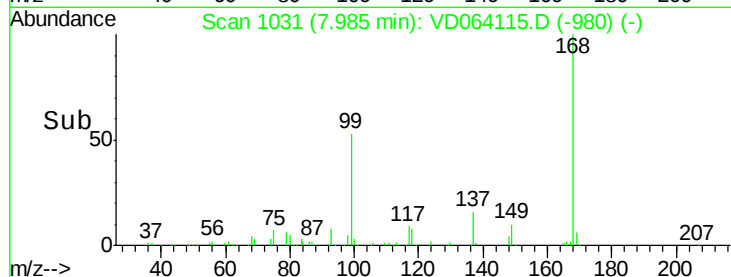
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.893 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064115.D

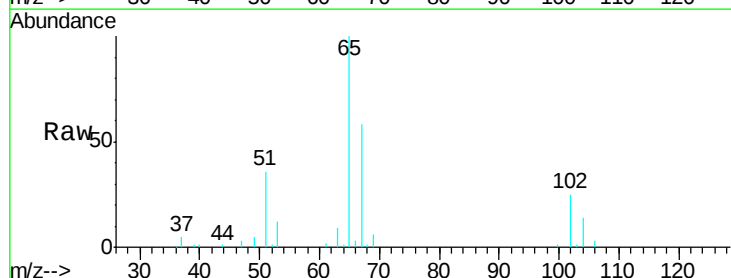
Acq: 30 Oct 2019 16:32

Tgt Ion: 65 Resp: 98311

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

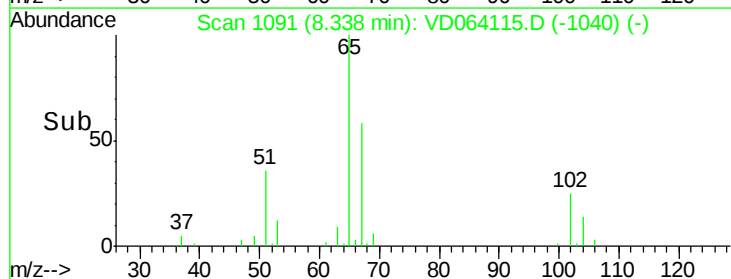
30000

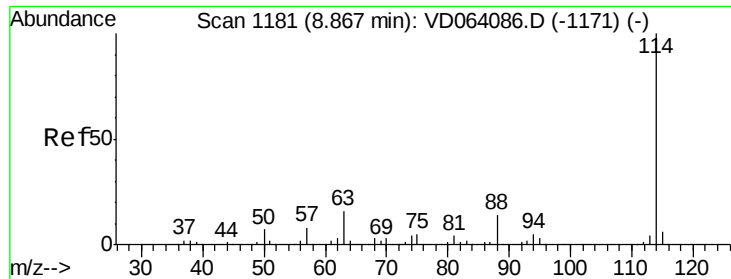
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

Z3-23B

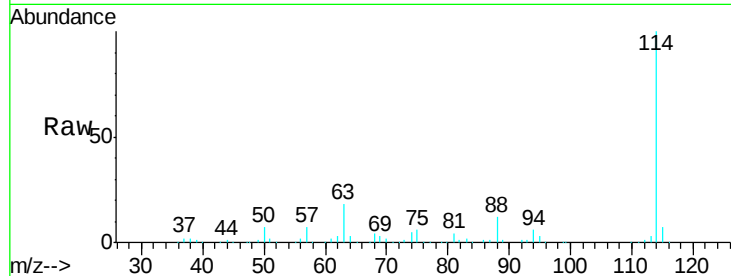
Tgt Ion:114 Resp: 371243

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.8

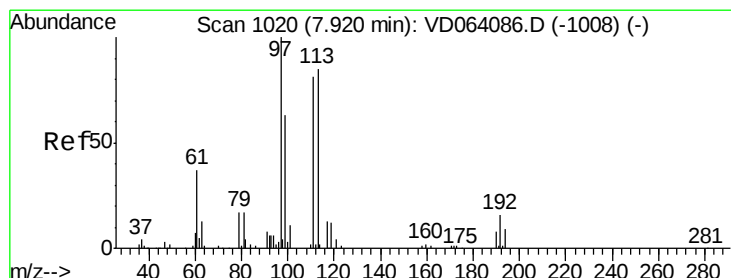
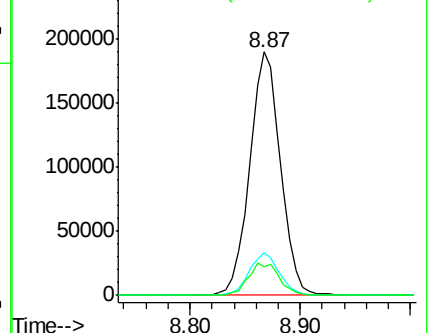
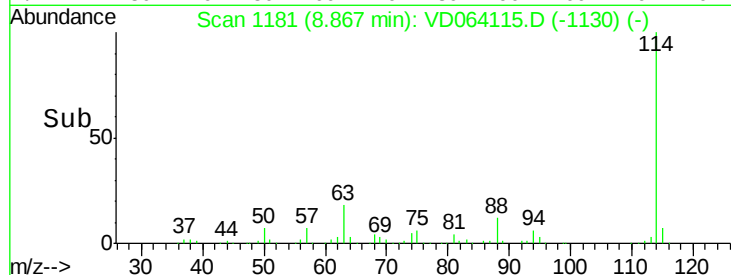
88 11.9 0.0 27.6



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: 51.221 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

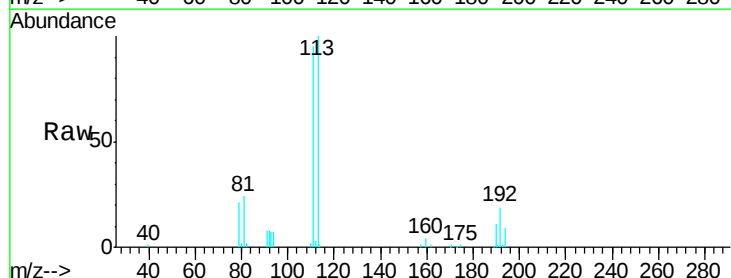
Tgt Ion:113 Resp: 116989

Ion Ratio Lower Upper

113 100

111 100.5 79.3 118.9

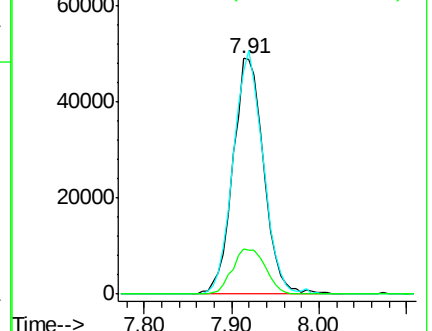
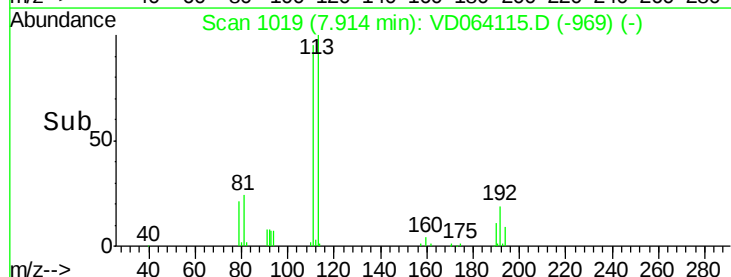
192 20.4 16.2 24.2

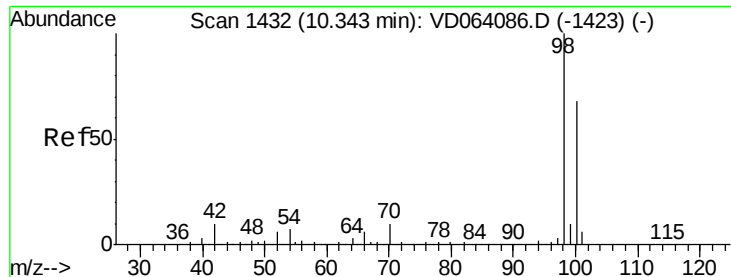


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.670 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

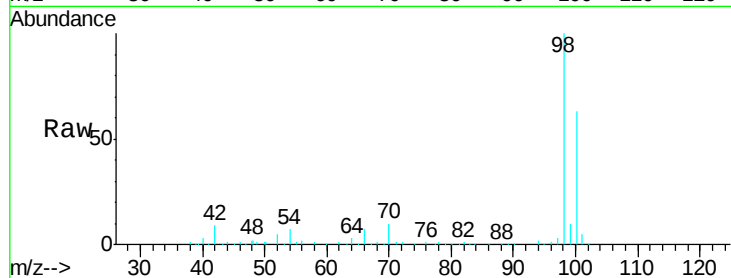
Z3-23B

Tgt Ion: 98 Resp: 462826

Ion Ratio Lower Upper

98 100

100 65.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

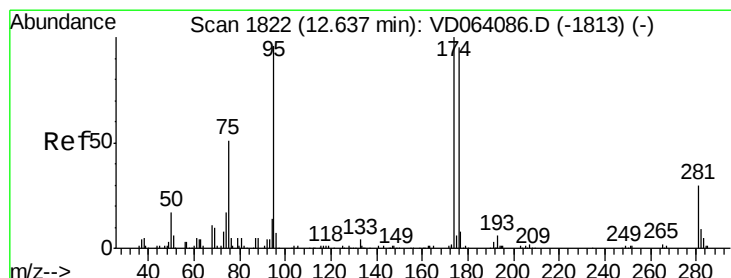
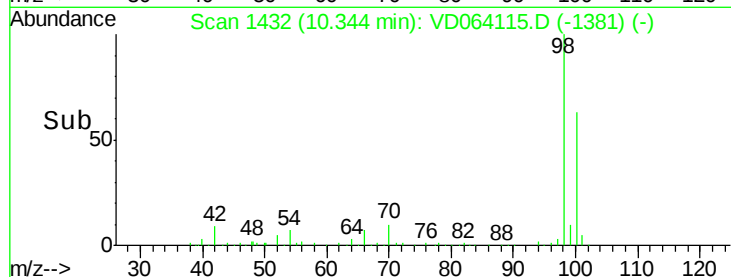
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.545 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

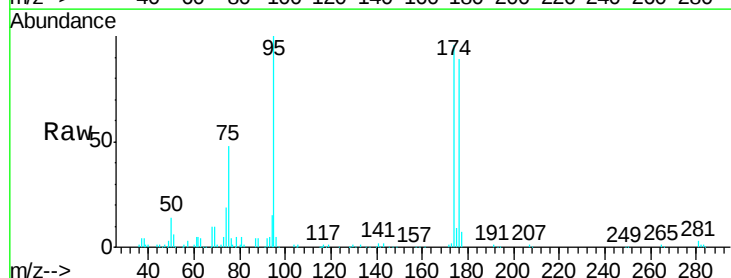
Tgt Ion: 95 Resp: 159119

Ion Ratio Lower Upper

95 100

174 98.1 0.0 201.6

176 95.7 0.0 192.6



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

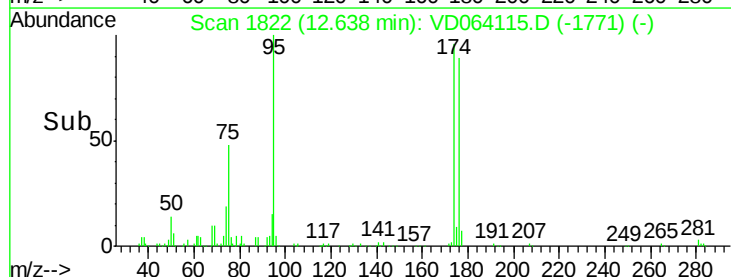
12.64

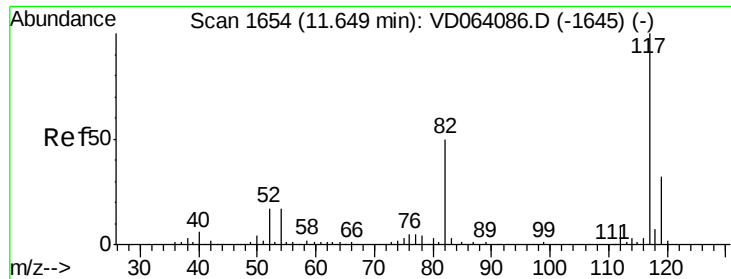
100000

50000

0

Time-->

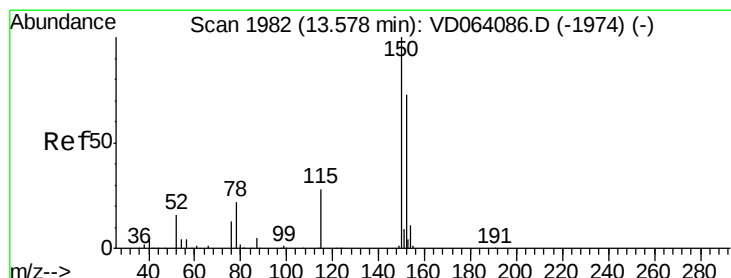
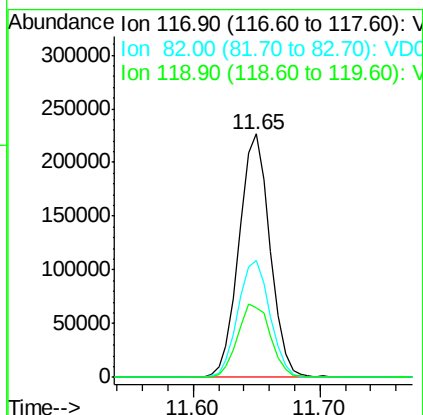
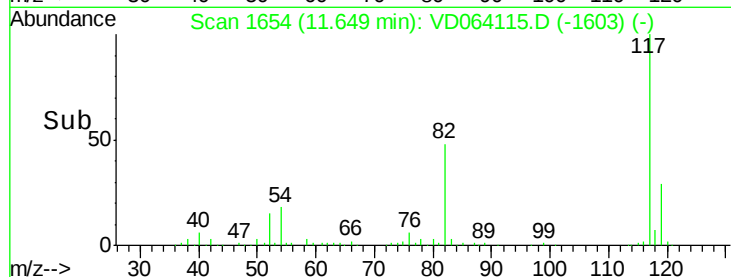
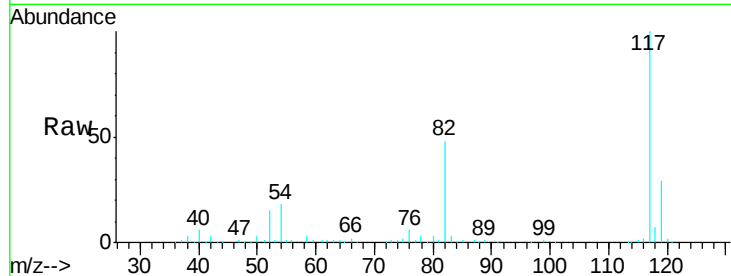




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
Z3-23B

Tgt Ion:117 Resp: 384033
Ion Ratio Lower Upper
117 100
82 48.2 40.2 60.4
119 28.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

Tgt Ion:152 Resp: 193689
Ion Ratio Lower Upper
152 100
115 54.8 26.2 78.6
150 160.1 0.0 338.8

