

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067581.D
 Acq On : 10 Nov 2020 14:38
 Operator : VA/SY
 Sample : L4682-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-3R(12-14FT)

Quant Time: Nov 11 00:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	227811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	374206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	393605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119412	59.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.90%	
35) Dibromofluoromethane	7.92	113	124211	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	10.34	98	445317	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
62) 4-Bromofluorobenzene	12.64	95	178261	65.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.34%	

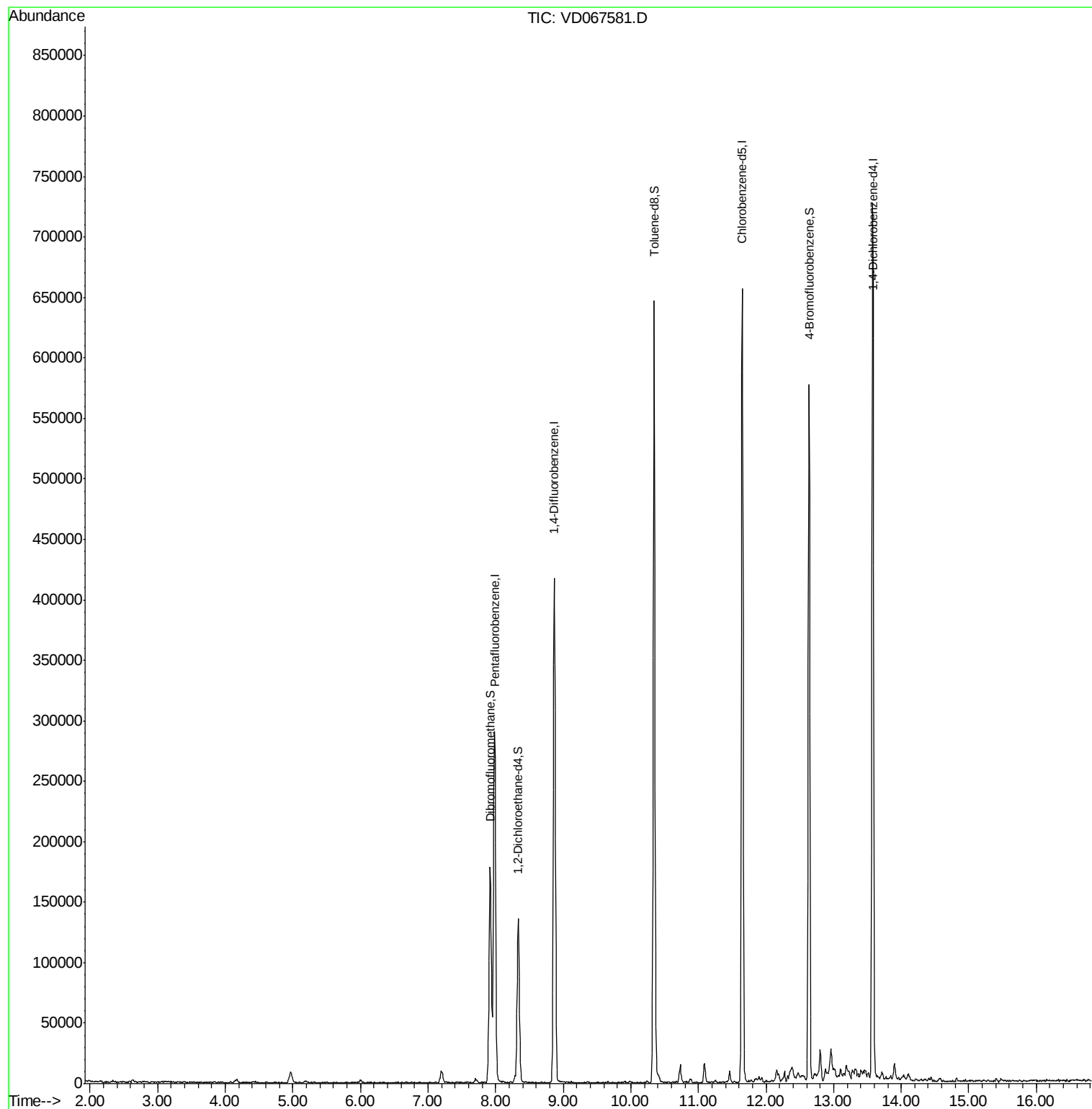
Target Compounds	Qvalue
------------------	--------

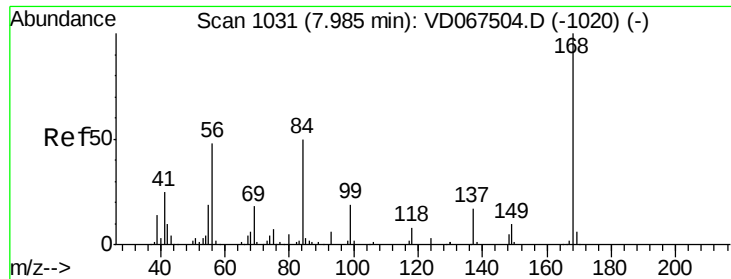
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111020\
Data File : VD067581.D
Acq On : 10 Nov 2020 14:38
Operator : VA/SY
Sample : L4682-01
Misc : 5.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MW-3R(12-14FT)

Quant Time: Nov 11 00:43:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067581.D

Acq: 10 Nov 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

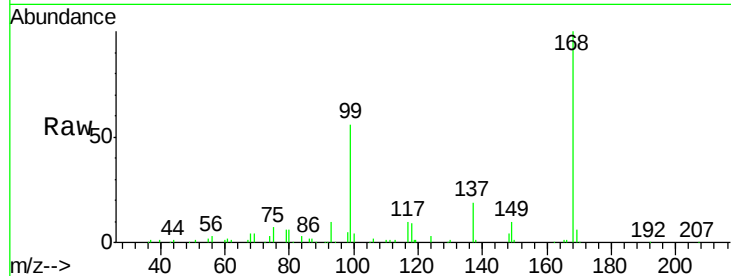
MW-3R(12-14FT)

Tot Ion:168 Resp: 227811

Ion Ratio Lower Upper

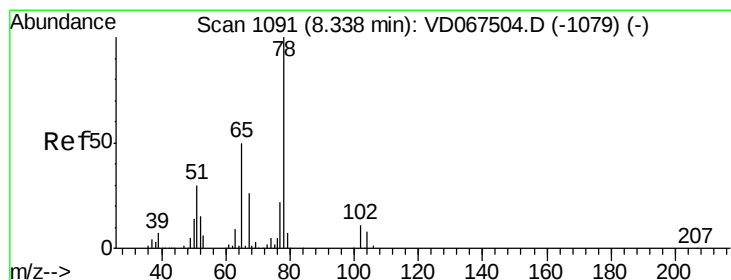
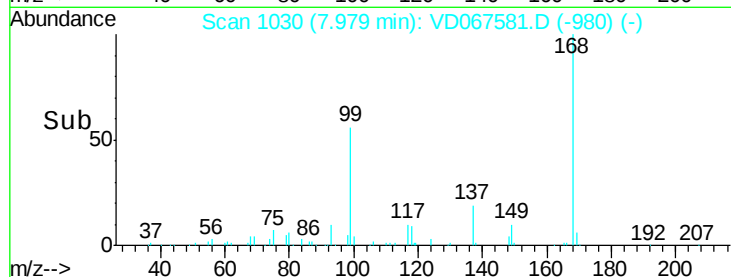
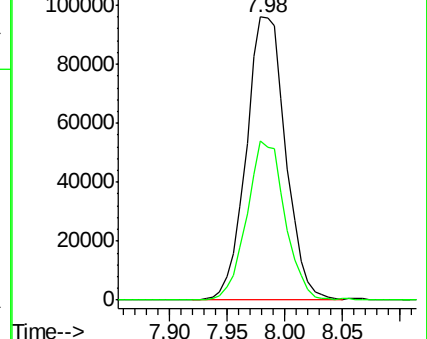
168 100

99 56.4 45.0 67.6



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: 59.947 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067581.D

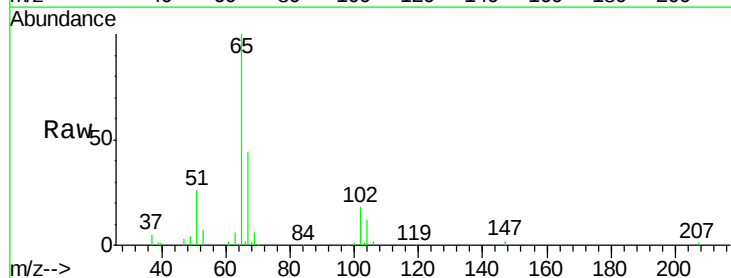
Acq: 10 Nov 2020 14:38

Tgt Ion: 65 Resp: 119412

Ion Ratio Lower Upper

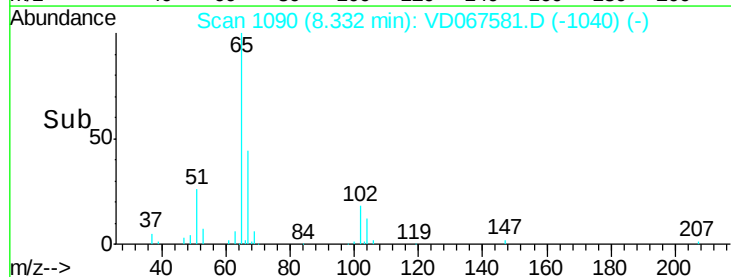
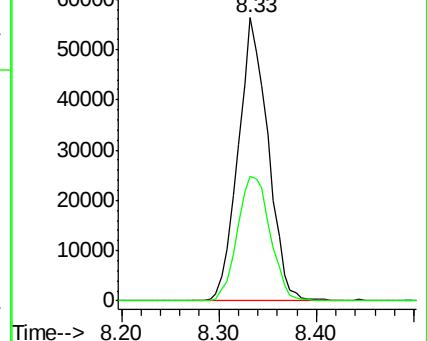
65 100

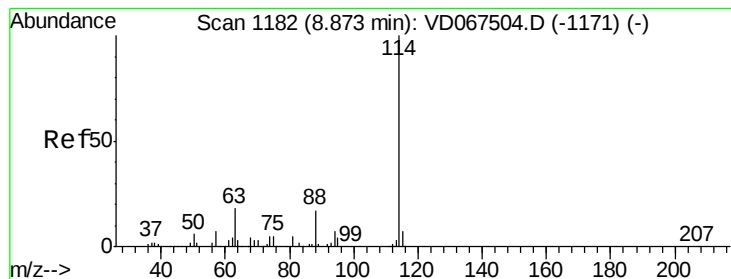
67 48.2 0.0 99.4



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. -0.01 min

Lab File: VD067581.D

Acq: 10 Nov 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

MW-3R(12-14FT)

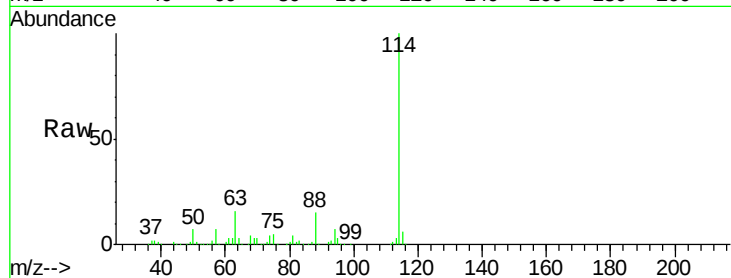
Tot Ion:114 Resp: 374206

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

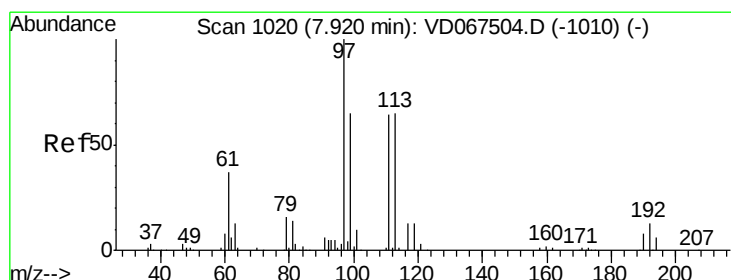
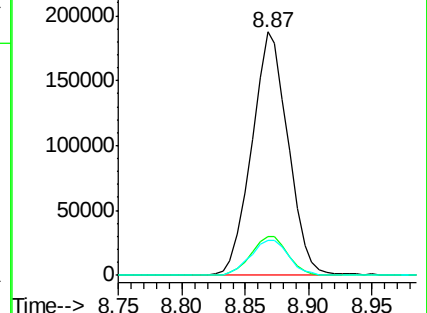
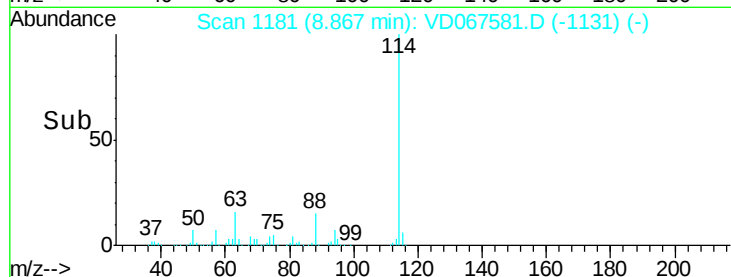
88 14.5 0.0 33.0



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: 55.093 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067581.D

Acq: 10 Nov 2020 14:38

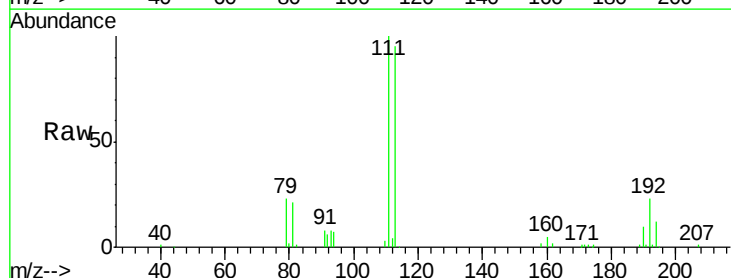
Tgt Ion:113 Resp: 124211

Ion Ratio Lower Upper

113 100

111 102.1 80.0 120.0

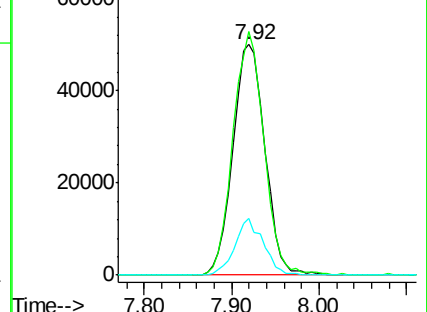
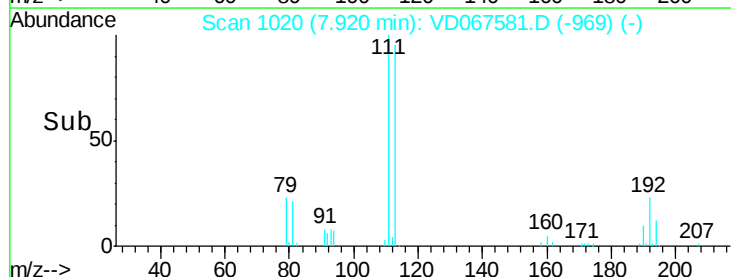
192 21.7 16.3 24.5

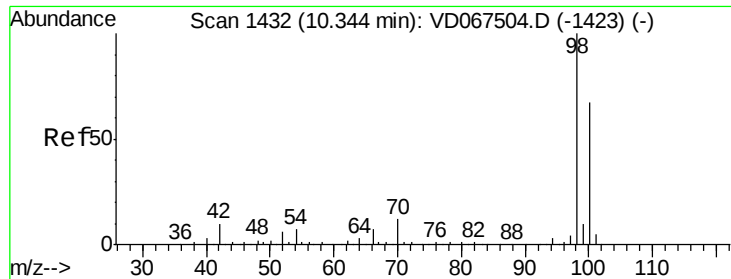


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.205 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067581.D

Acq: 10 Nov 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

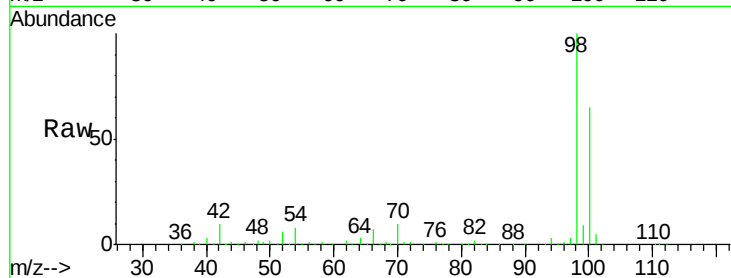
MW-3R(12-14FT)

Tot Ion: 98 Resp: 445317

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

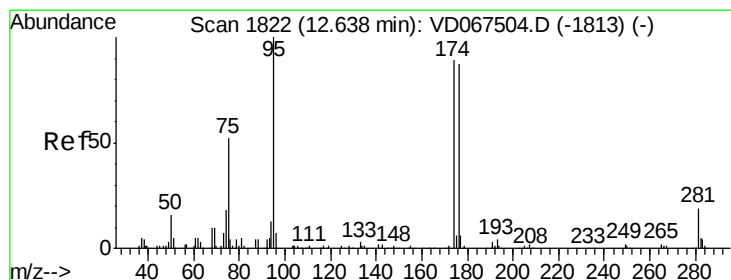
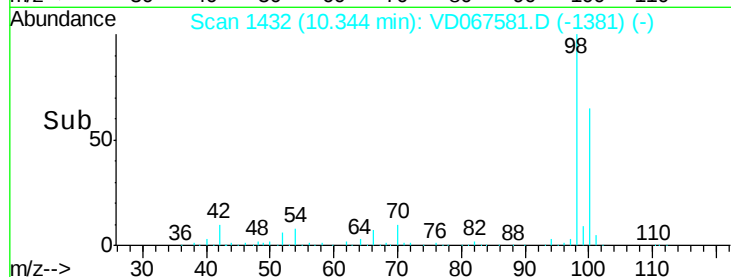
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 65.167 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067581.D

Acq: 10 Nov 2020 14:38

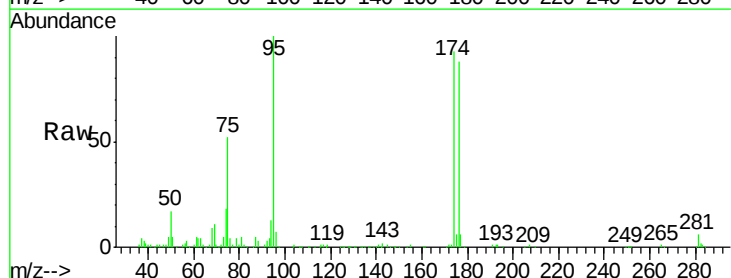
Tgt Ion: 95 Resp: 178261

Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.8

176 86.1 0.0 172.0



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

150000

100000

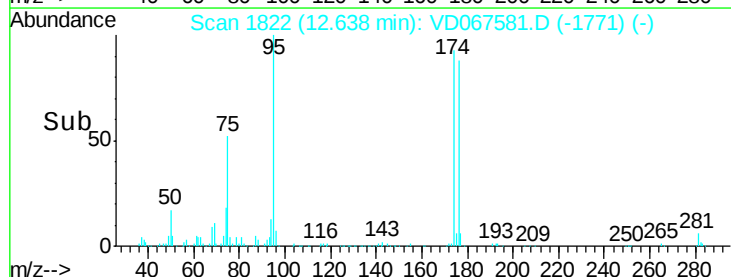
50000

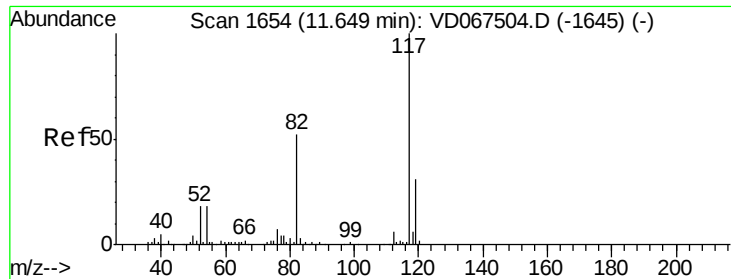
0

12.60

12.70

Time-->

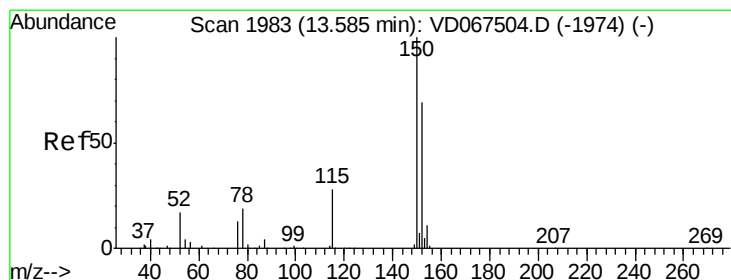
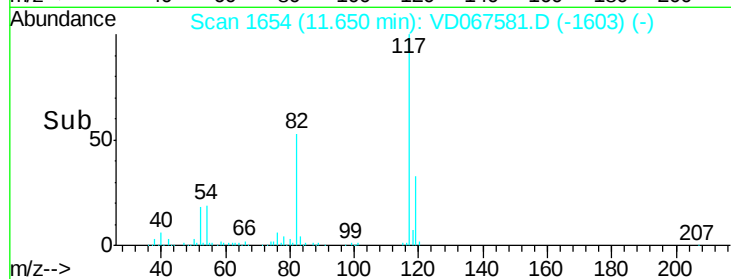
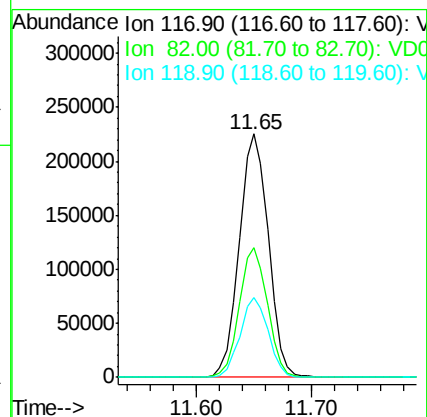
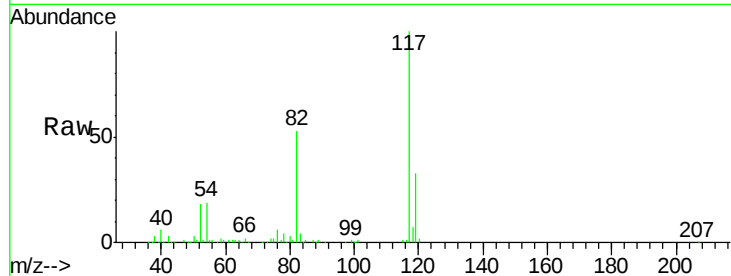




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067581.D
Acq: 10 Nov 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
MW-3R(12-14FT)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.6	62.4
119	33.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067581.D
Acq: 10 Nov 2020 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	158.1	0.0	338.2

