

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
 Data File : VD064147.D
 Acq On : 01 Nov 2019 12:21
 Operator : VA/SY
 Sample : VD1101SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBL01

Quant Time: Nov 01 17:21:42 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	7.99	168	200624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	327536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	339603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	85910	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	7.91	113	96643	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.34	98	387777	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.64	95	135695	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

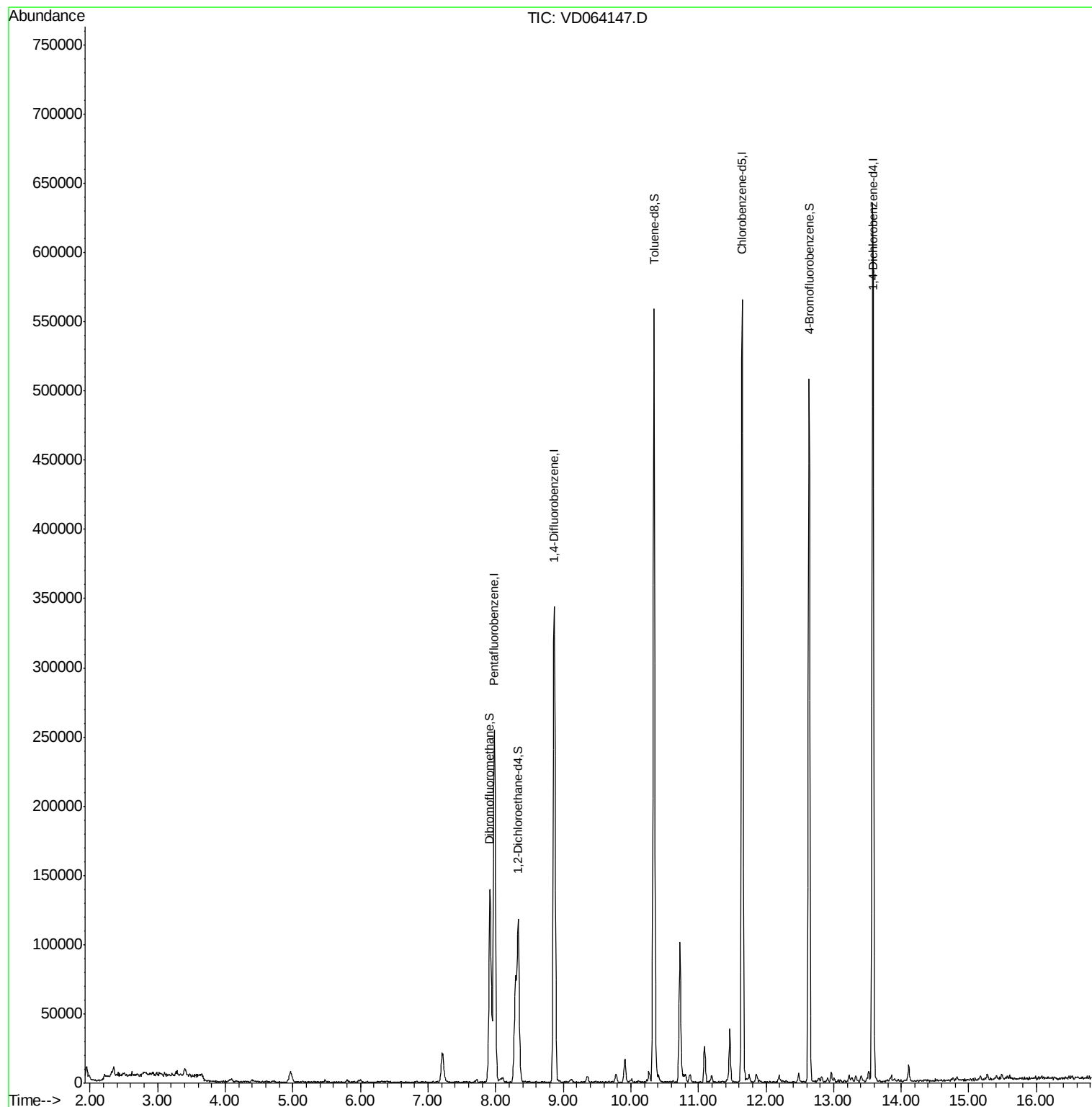
Target Compounds	Qvalue
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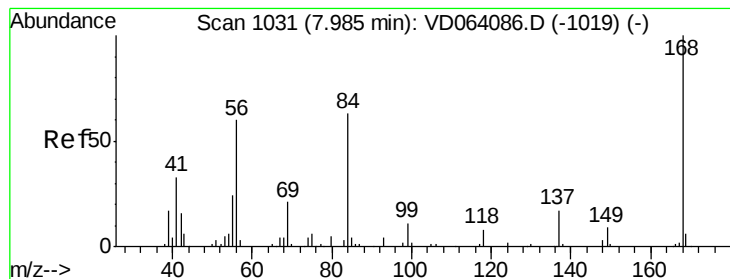
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064147.D

Acq: 01 Nov 2019 12:21

Instrument :

MSVOA_D

ClientSampleId :

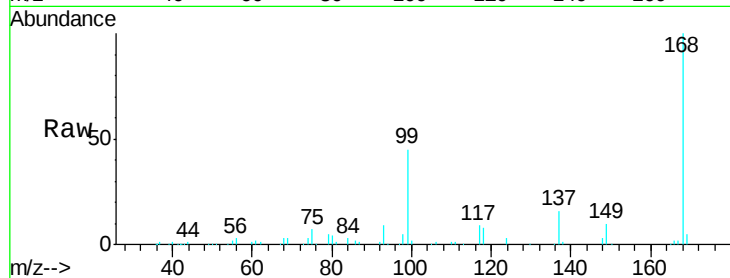
VD1101SBL01

Tgt Ion: 168 Resp: 200624

Ion Ratio Lower Upper

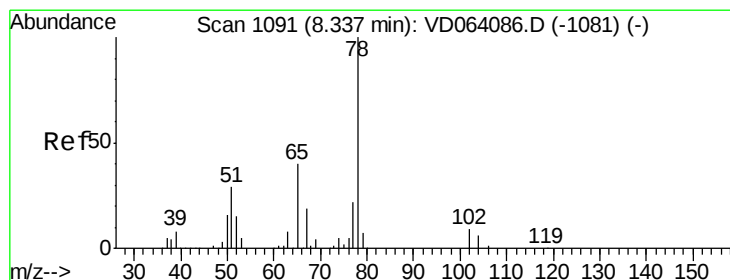
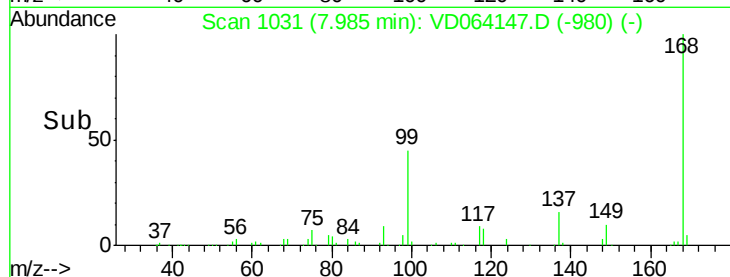
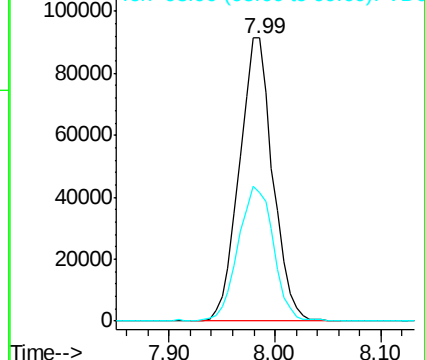
168 100

99 45.1 37.6 56.4



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: 53.843 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064147.D

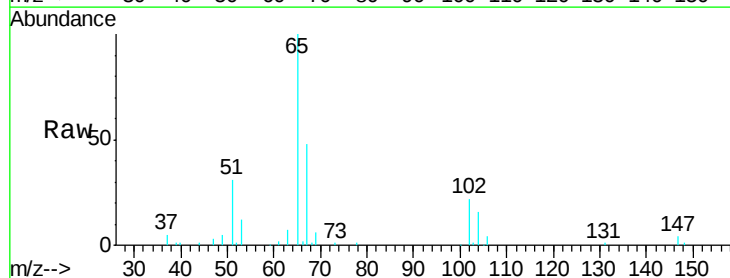
Acq: 01 Nov 2019 12:21

Tgt Ion: 65 Resp: 85910

Ion Ratio Lower Upper

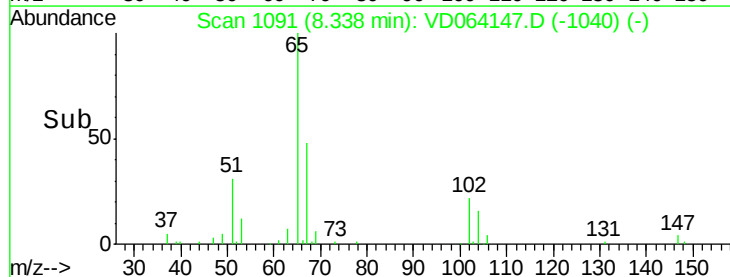
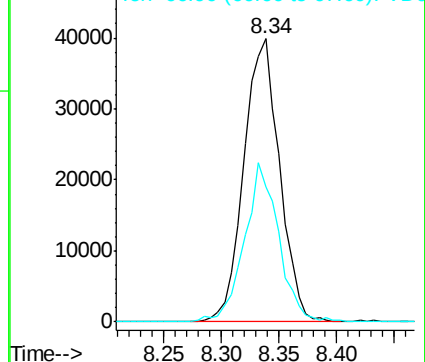
65 100

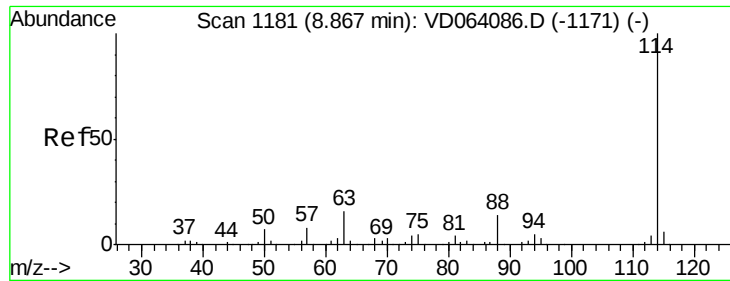
67 53.5 0.0 104.6



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: VD064147.D

Acq: 01 Nov 2019 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBL01

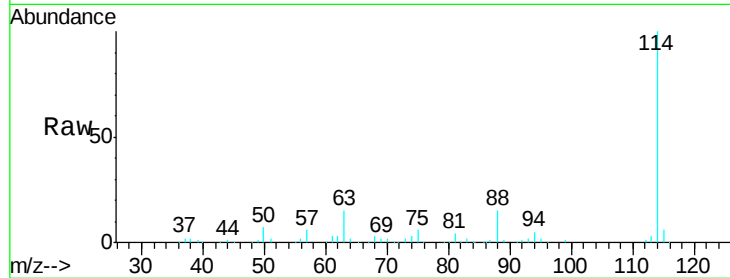
Tgt Ion:114 Resp: 327536

Ion Ratio Lower Upper

114 100

63 15.3 0.0 32.8

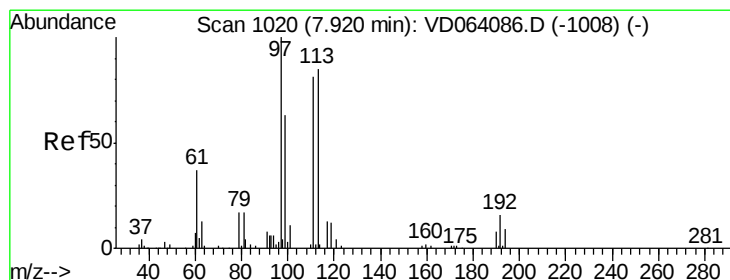
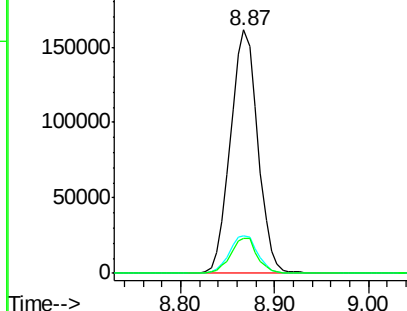
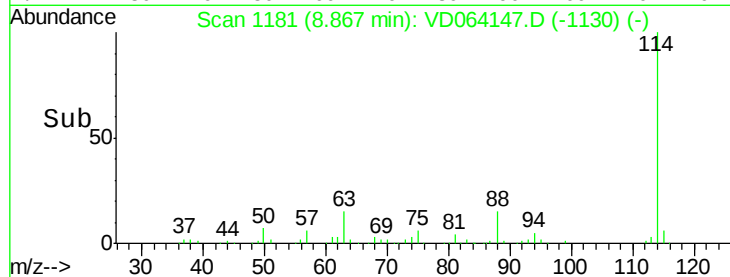
88 14.6 0.0 27.6



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: 47.960 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064147.D

Acq: 01 Nov 2019 12:21

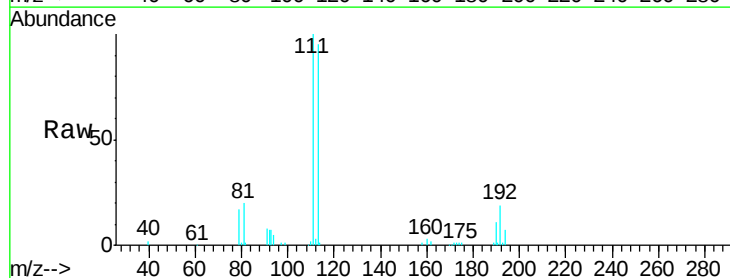
Tgt Ion:113 Resp: 96643

Ion Ratio Lower Upper

113 100

111 103.5 79.3 118.9

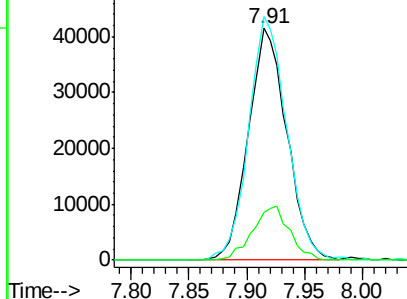
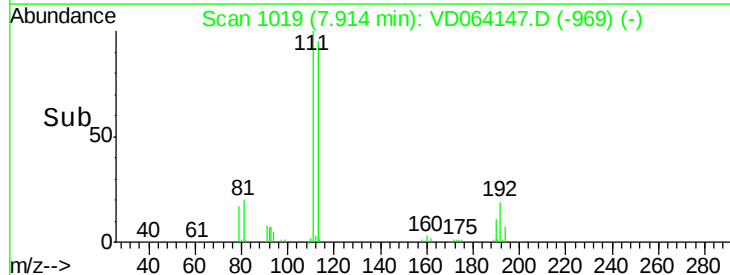
192 22.2 16.2 24.2

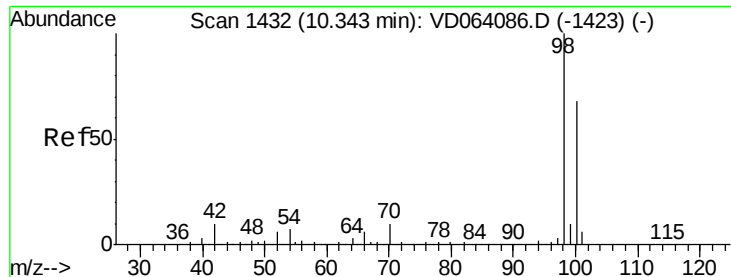


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.119 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064147.D

Acq: 01 Nov 2019 12:21

Instrument :

MSVOA_D

ClientSampleId :

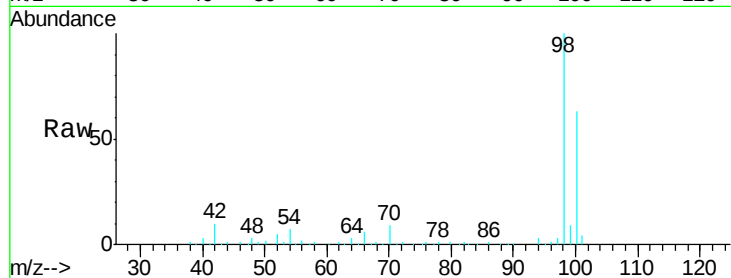
VD1101SBL01

Tgt Ion: 98 Resp: 387777

Ion Ratio Lower Upper

98 100

100 65.9 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

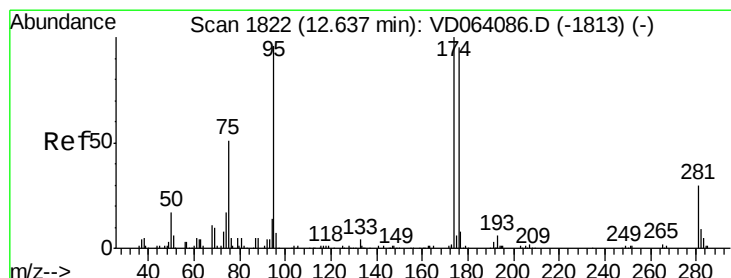
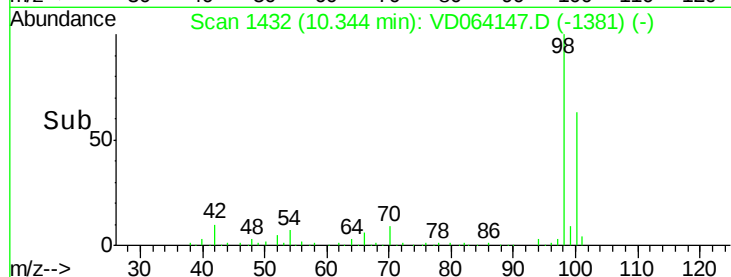
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.790 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064147.D

Acq: 01 Nov 2019 12:21

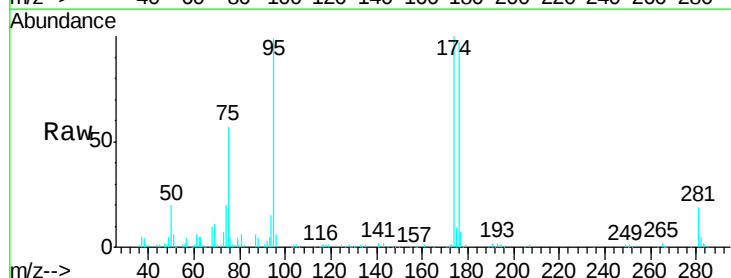
Tgt Ion: 95 Resp: 135695

Ion Ratio Lower Upper

95 100

174 102.3 0.0 201.6

176 97.7 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

80000

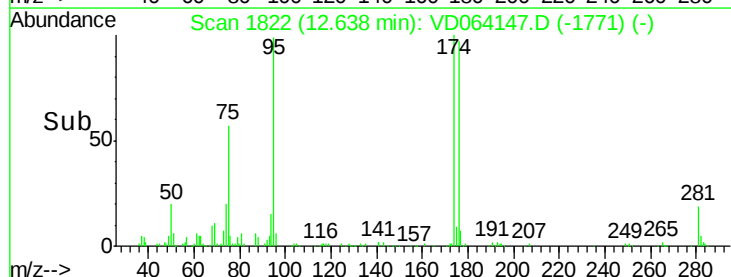
60000

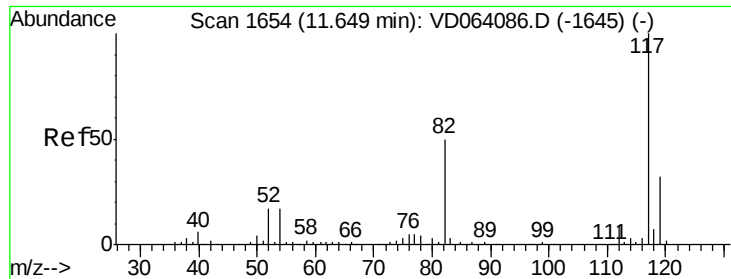
40000

20000

0

Time-->

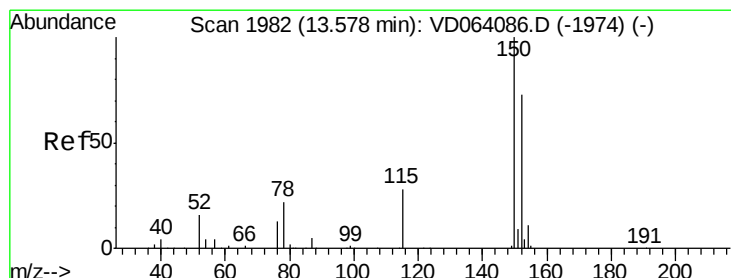
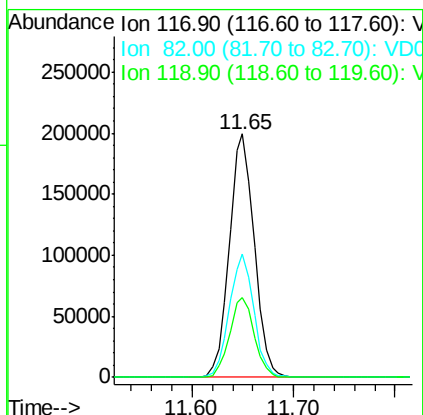
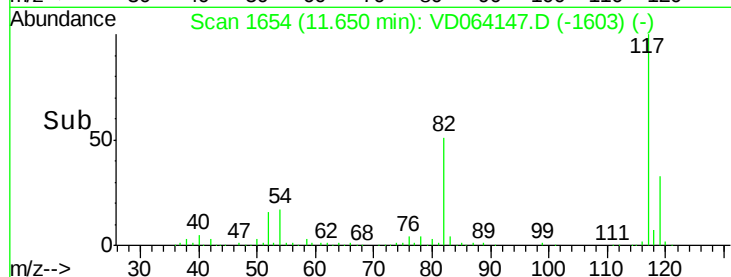
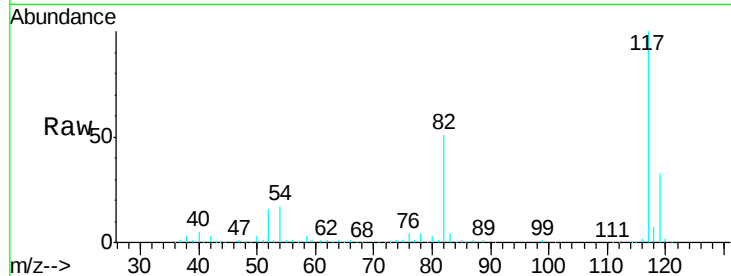




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064147.D
Acq: 01 Nov 2019 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBL01

Tgt Ion:117 Resp: 339603
Ion Ratio Lower Upper
117 100
82 50.7 40.2 60.4
119 32.7 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: VD064147.D
Acq: 01 Nov 2019 12:21

Tgt Ion:152 Resp: 175254
Ion Ratio Lower Upper
152 100
115 52.4 26.2 78.6
150 158.1 0.0 338.8

