

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065852.D
 Acq On : 23 Jun 2020 11:28
 Operator : VA/SY
 Sample : VD0623SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBL01

Quant Time: Jun 24 05:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	186308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	303612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107697	58.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.00%	
35) Dibromofluoromethane	7.91	113	104853	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
50) Toluene-d8	10.34	98	385147	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.64	95	121997	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

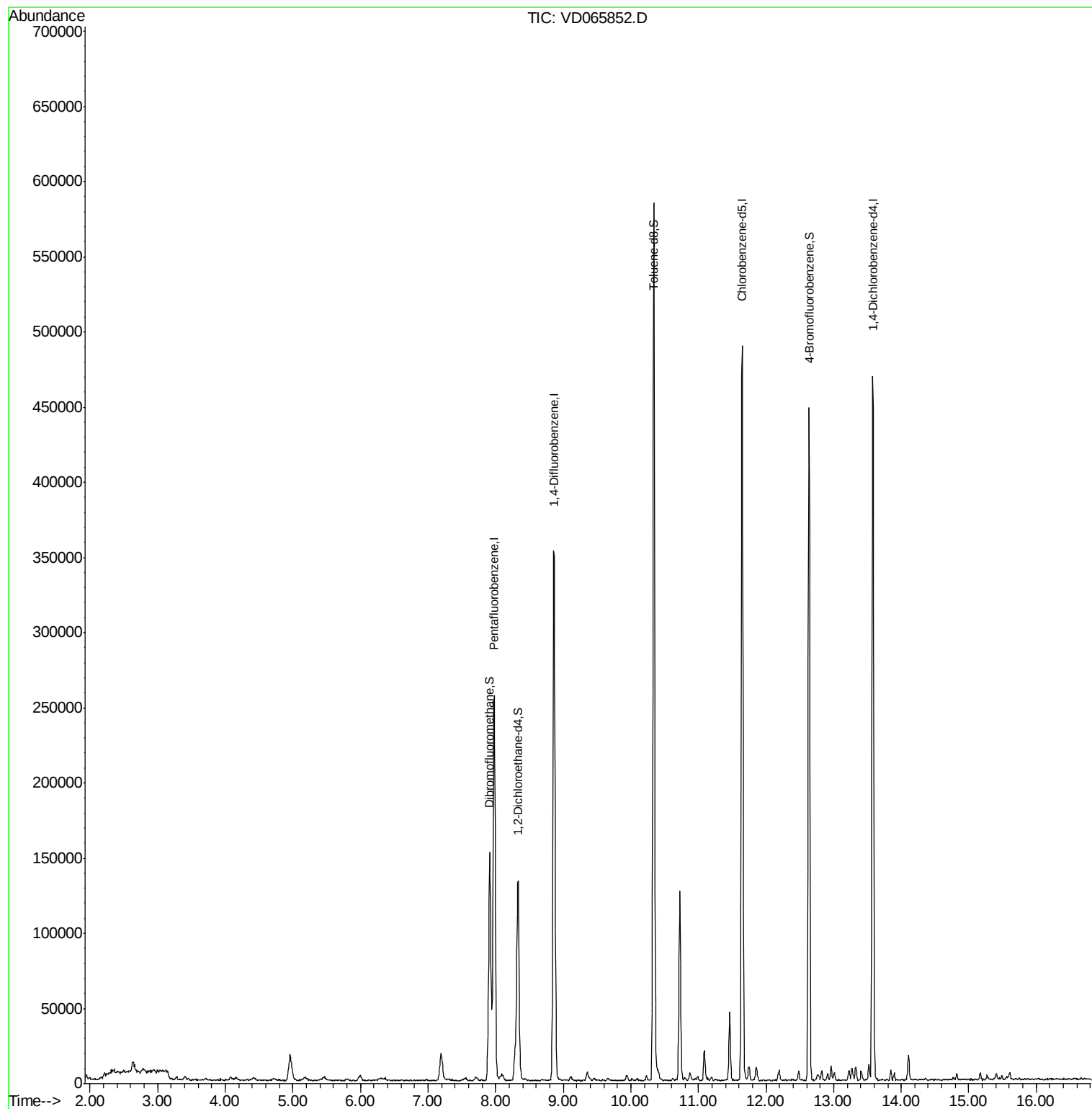
Target Compounds	Qvalue
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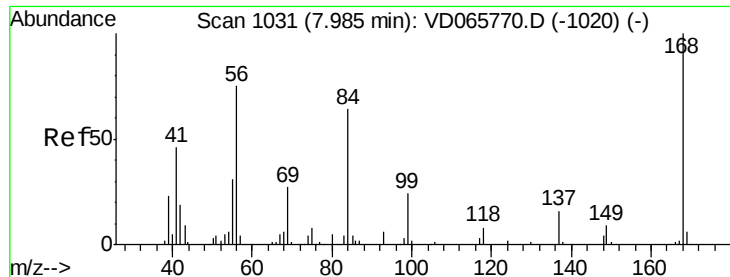
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 13:07:30 2020
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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: VD065852.D

Acq: 23 Jun 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

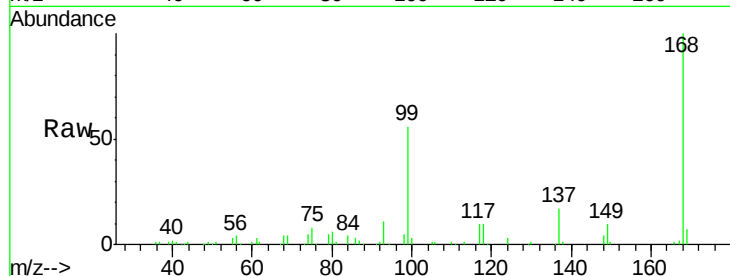
VD0623SBL01

Tot Ion:168 Resp: 186308

Ion Ratio Lower Upper

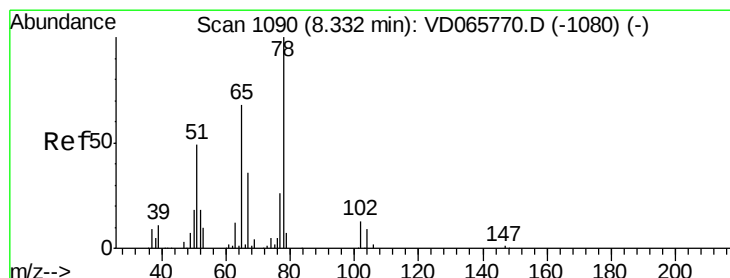
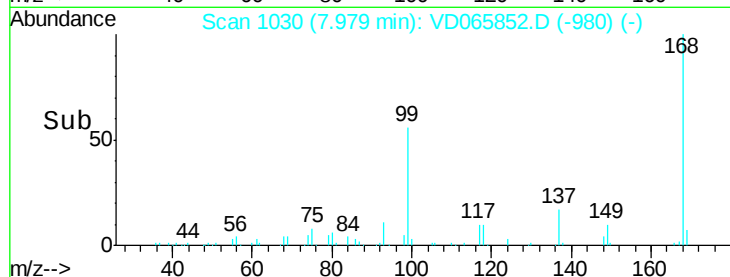
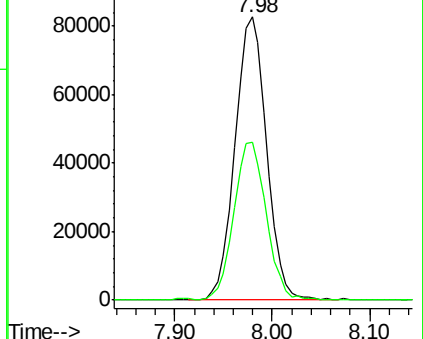
168 100

99 55.4 45.3 67.9



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: 58.500 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD065852.D

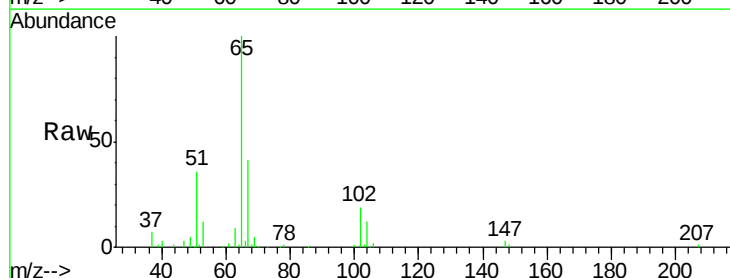
Acq: 23 Jun 2020 11:28

Tgt Ion: 65 Resp: 107697

Ion Ratio Lower Upper

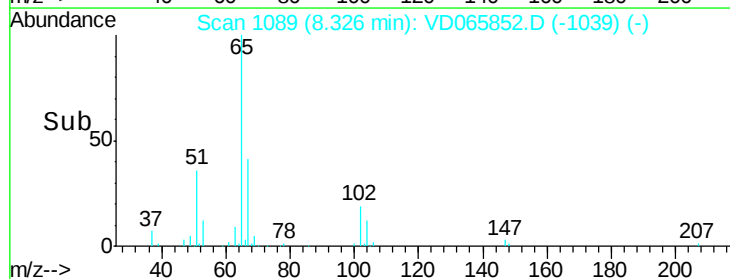
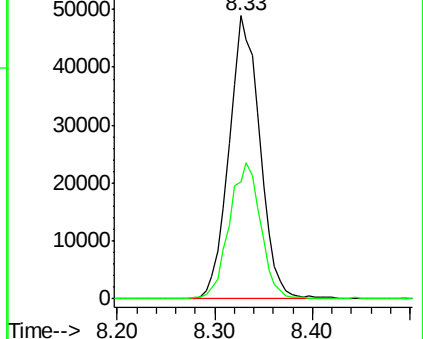
65 100

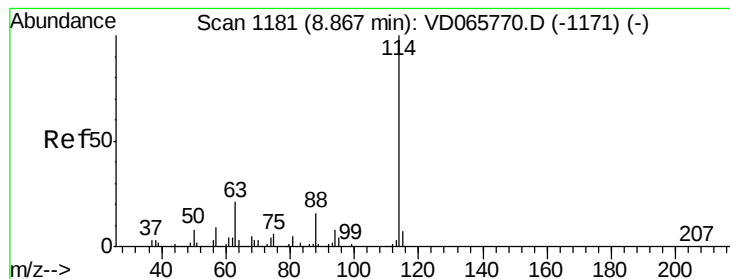
67 48.7 0.0 103.6



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: VD065852.D

Acq: 23 Jun 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

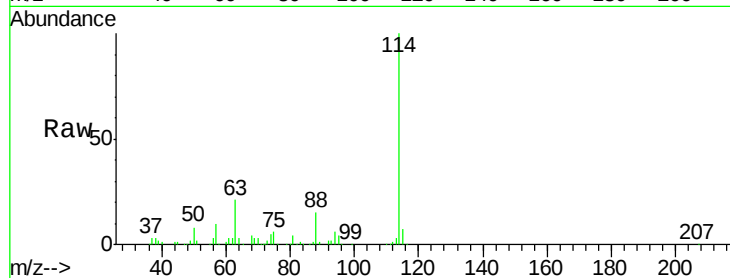
Tot Ion:114 Resp: 303612

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

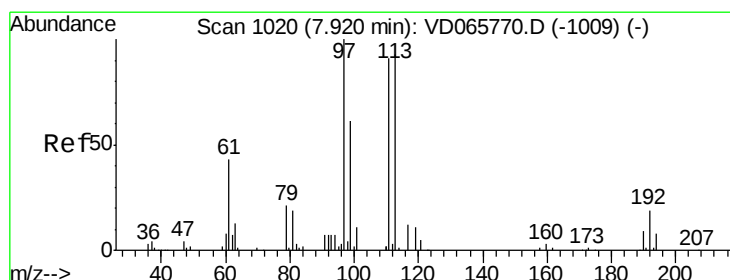
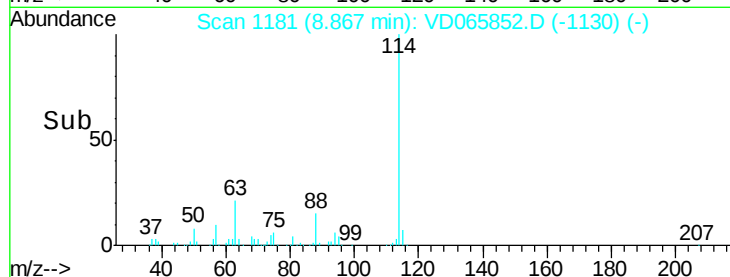
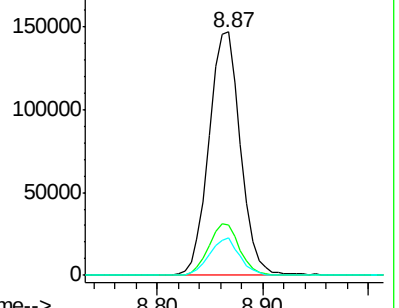
88 15.4 0.0 32.0



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: 54.674 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065852.D

Acq: 23 Jun 2020 11:28

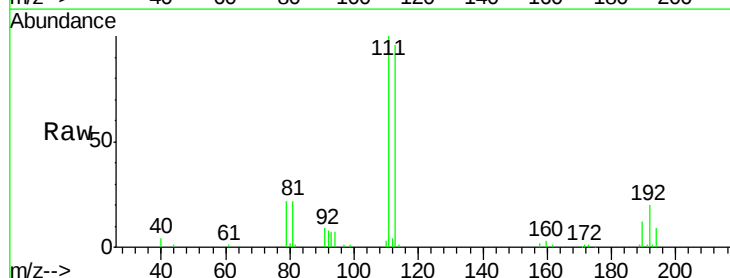
Tgt Ion:113 Resp: 104853

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.0

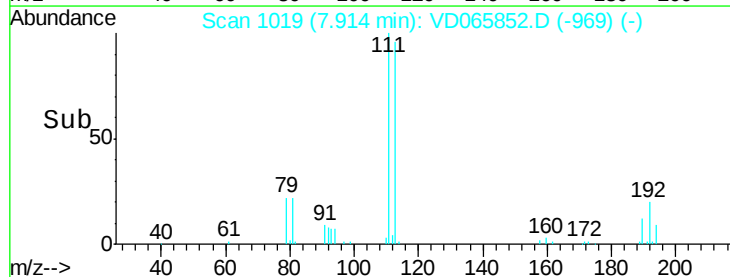
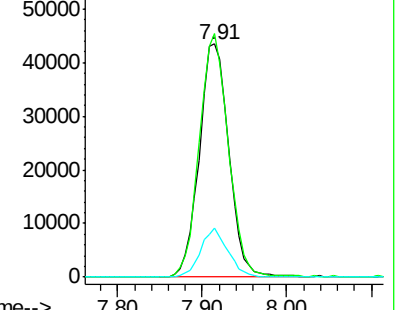
192 19.2 15.7 23.5

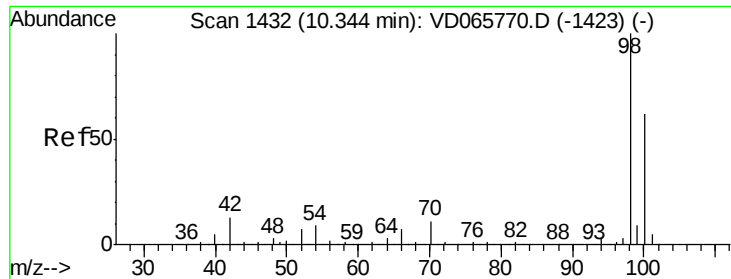


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.857 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065852.D

Acq: 23 Jun 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

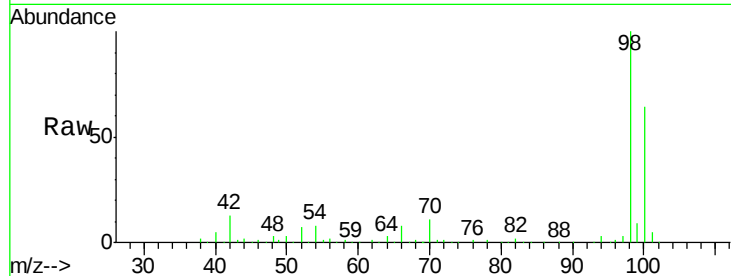
VD0623SBL01

Tot Ion: 98 Resp: 385147

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

10.34

200000

150000

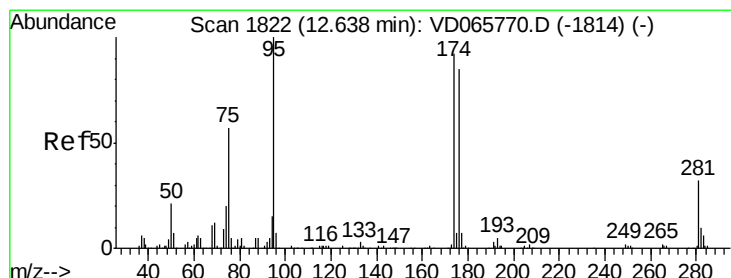
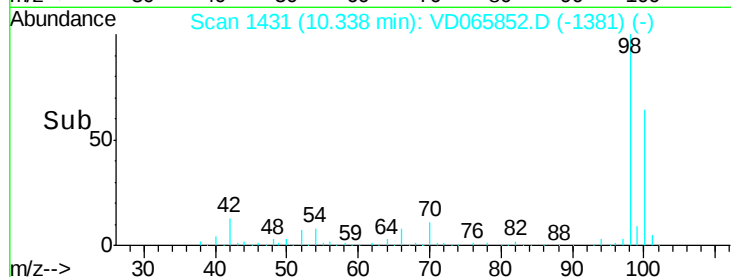
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 50.303 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065852.D

Acq: 23 Jun 2020 11:28

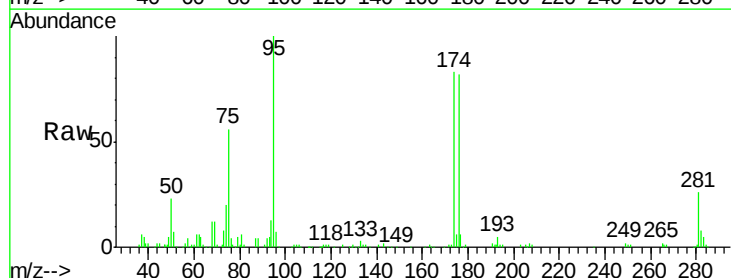
Tgt Ion: 95 Resp: 121997

Ion Ratio Lower Upper

95 100

174 82.1 0.0 175.2

176 79.7 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

12.64

100000

80000

60000

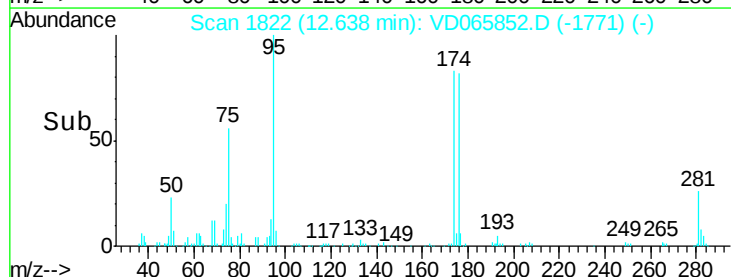
40000

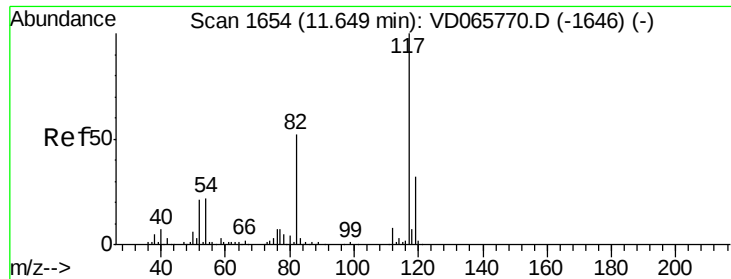
20000

0

12.55 12.60 12.65 12.70

Time-->

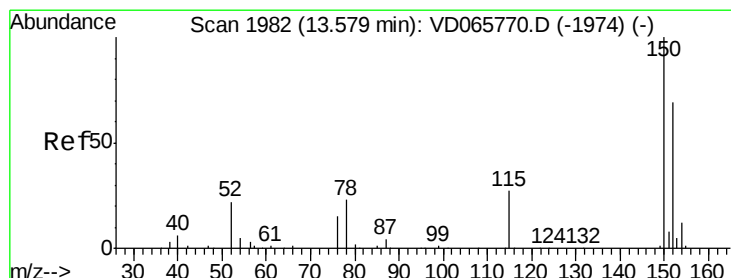
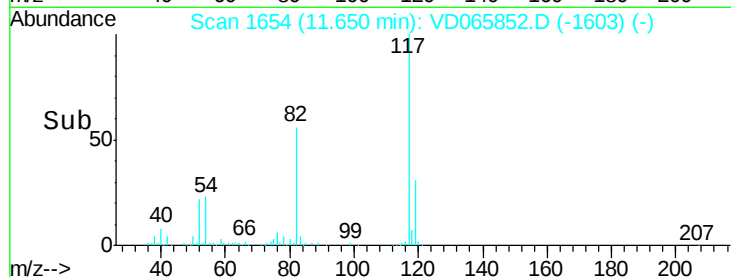
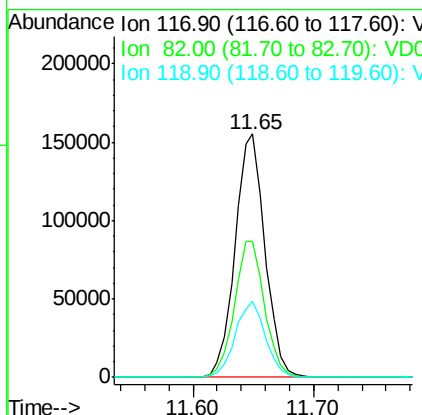
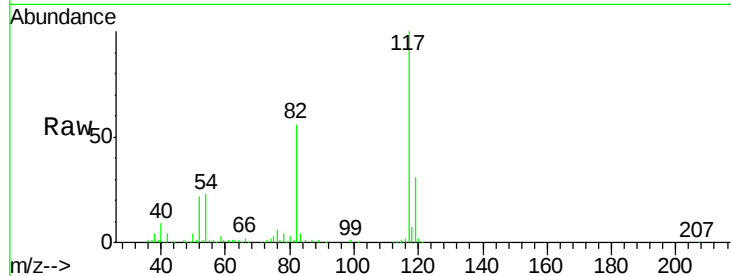




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065852.D
Acq: 23 Jun 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

Tot Ion:117 Resp: 266892
Ion Ratio Lower Upper
117 100
82 55.9 41.9 62.9
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065852.D
Acq: 23 Jun 2020 11:28

Tgt Ion:152 Resp: 117843
Ion Ratio Lower Upper
152 100
115 58.6 28.7 86.1
150 162.4 0.0 348.0

