

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065807.D
 Acq On : 18 Jun 2020 14:46
 Operator : VA/SY
 Sample : L2817-06
 Misc : 8.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-061720

Quant Time: Jun 19 01:29:44 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	162650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	281759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	226972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	69770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	90959	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.91	113	91204	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.34	98	317976	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.64	95	81883	36.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.76%	

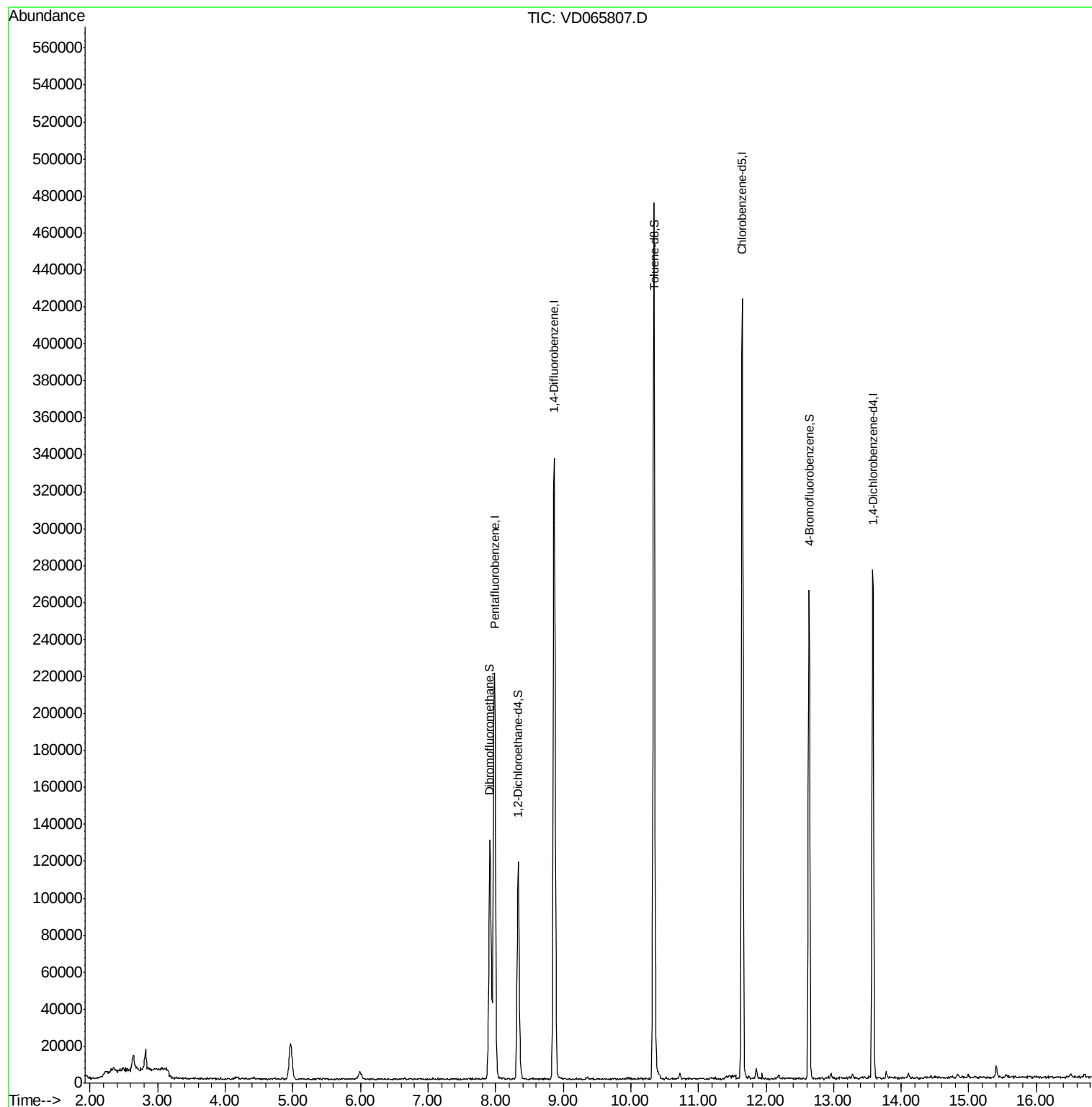
Target Compounds	Qvalue
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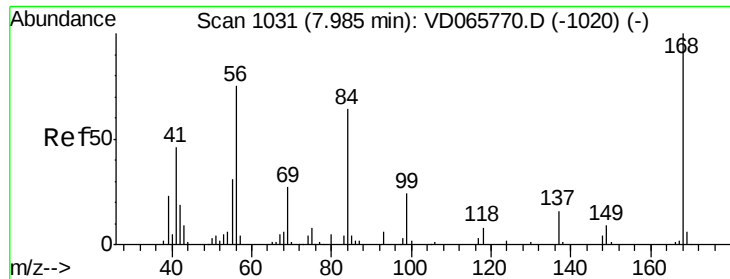
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065807.D

Acq: 18 Jun 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

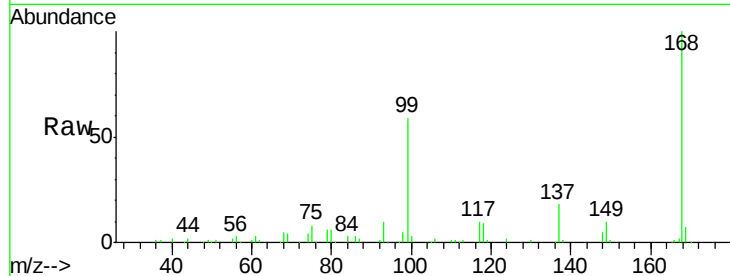
SU-04-061720

Tot Ion:168 Resp: 162650

Ion Ratio Lower Upper

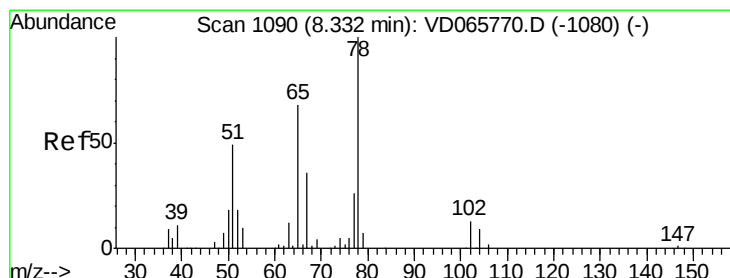
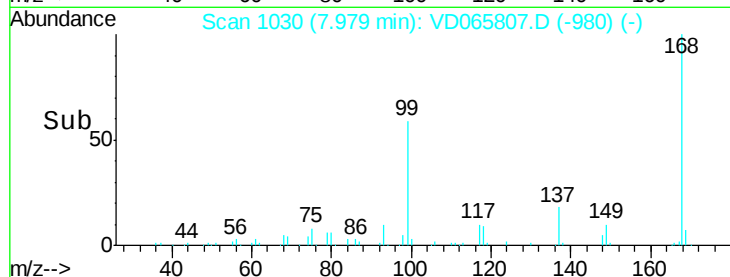
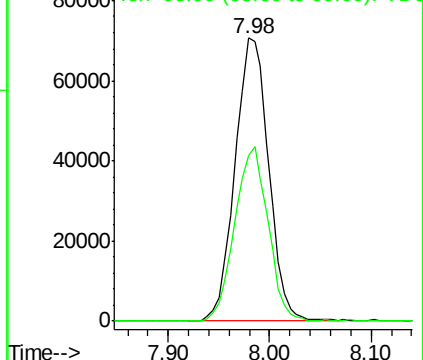
168 100

99 58.7 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: 56.595 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065807.D

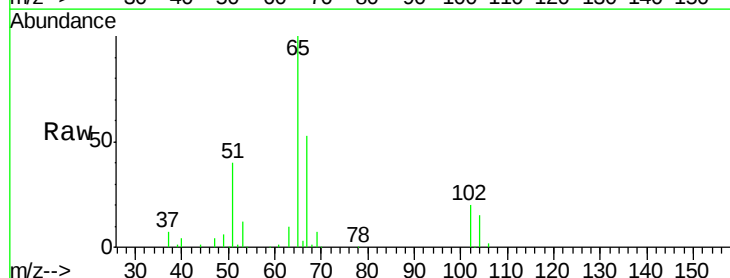
Acq: 18 Jun 2020 14:46

Tgt Ion: 65 Resp: 90959

Ion Ratio Lower Upper

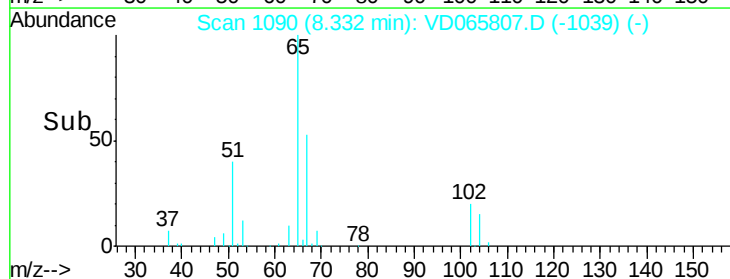
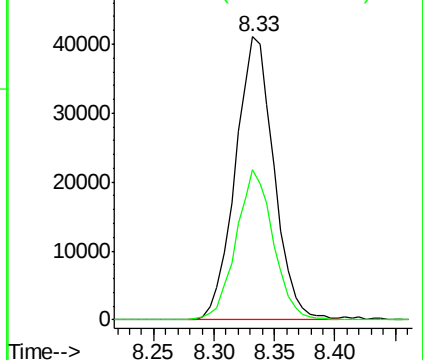
65 100

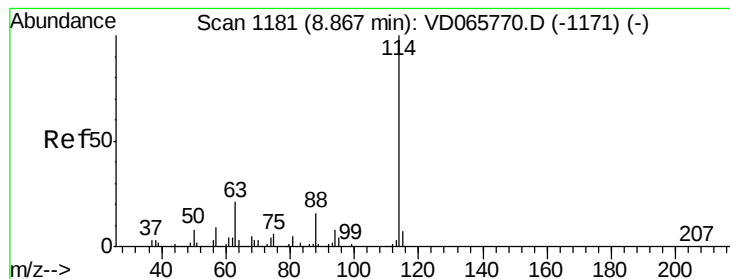
67 51.4 0.0 103.6



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: VD065807.D

Acq: 18 Jun 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

SU-04-061720

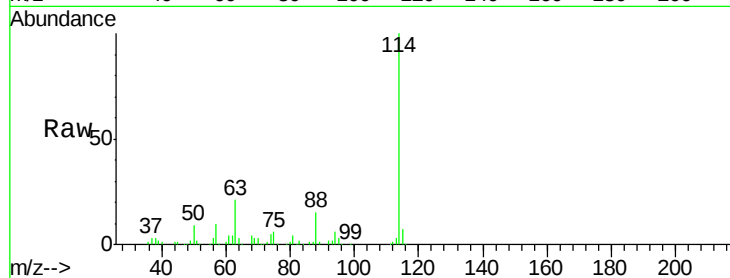
Tot Ion:114 Resp: 281759

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

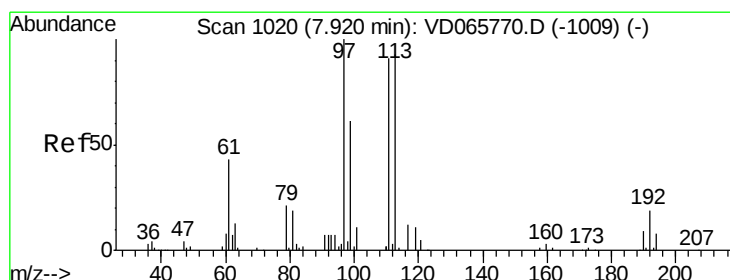
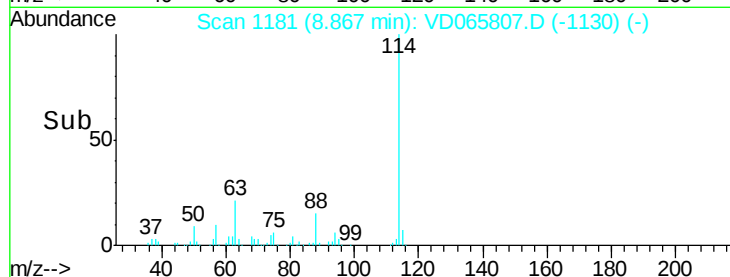
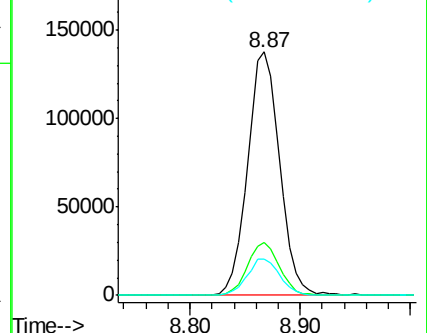
88 15.0 0.0 32.0



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: 51.245 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065807.D

Acq: 18 Jun 2020 14:46

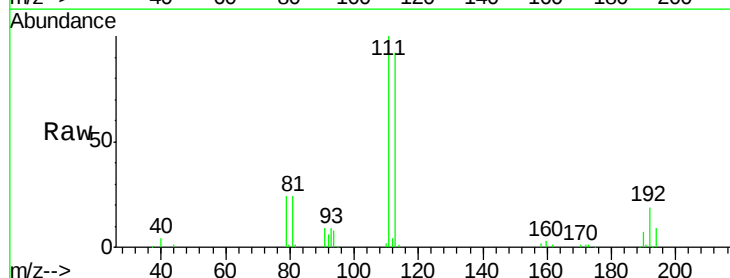
Tgt Ion:113 Resp: 91204

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

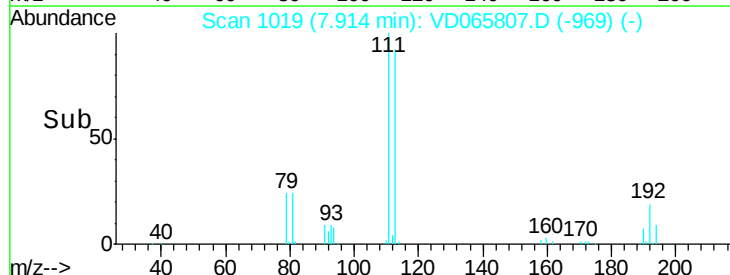
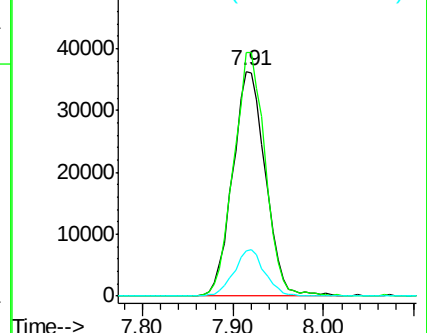
192 19.2 15.7 23.5

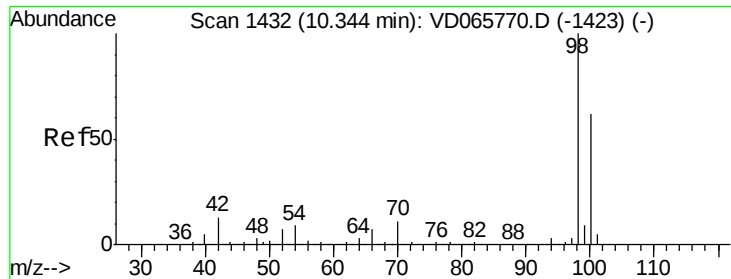


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.913 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065807.D

Acq: 18 Jun 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

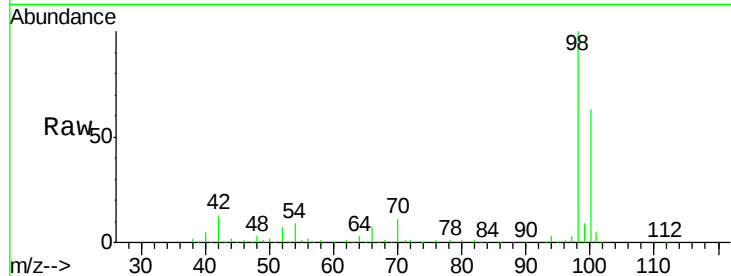
SU-04-061720

Tot Ion: 98 Resp: 317976

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

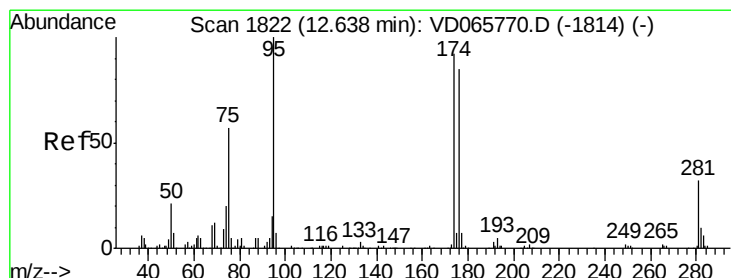
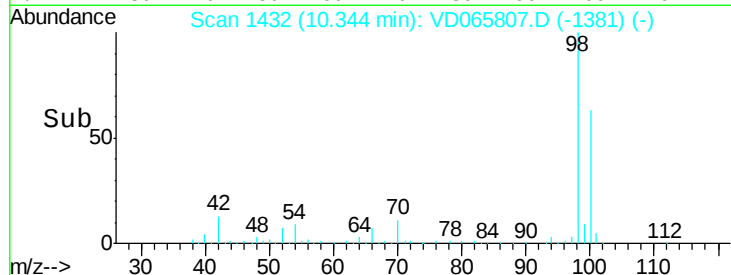
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 36.382 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065807.D

Acq: 18 Jun 2020 14:46

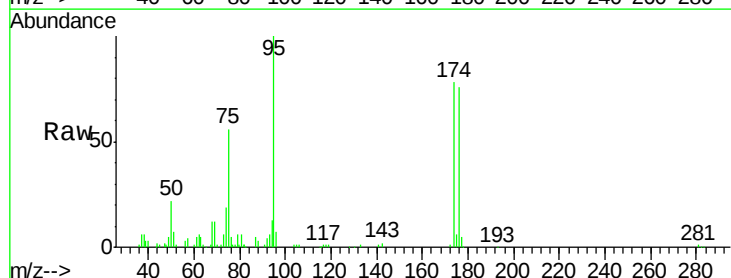
Tgt Ion: 95 Resp: 81883

Ion Ratio Lower Upper

95 100

174 77.6 0.0 175.2

176 76.5 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

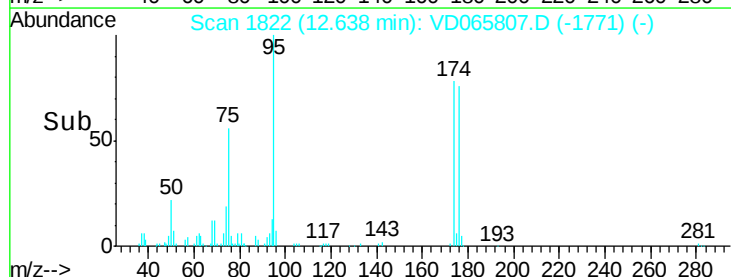
60000

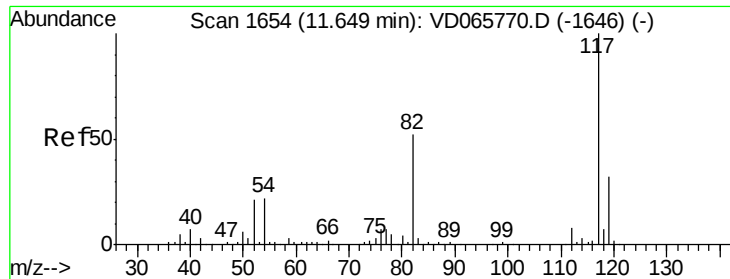
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

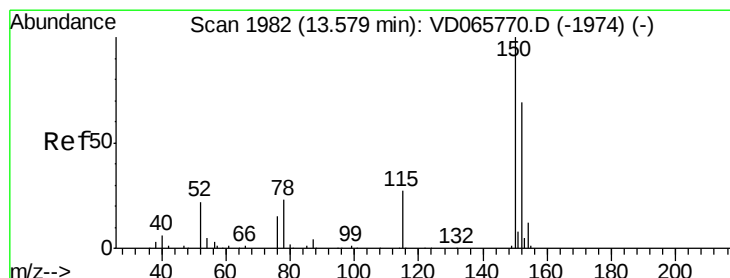
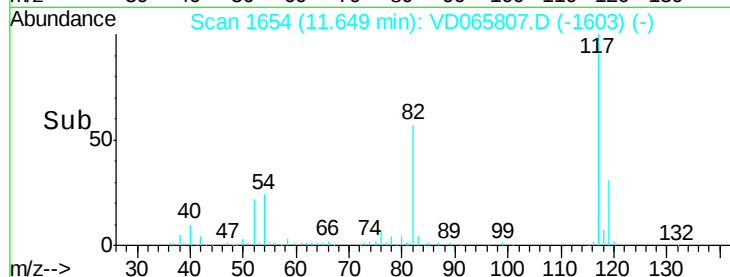
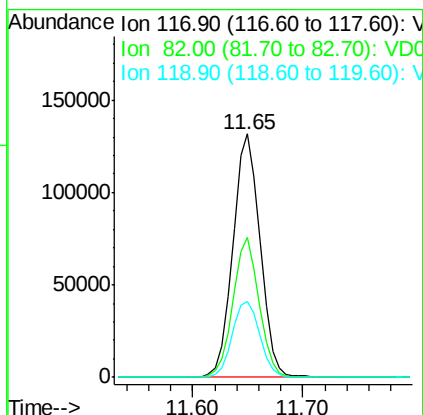
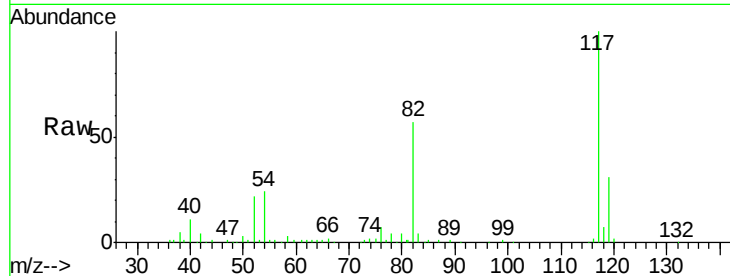




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065807.D
Acq: 18 Jun 2020 14:46

Instrument :
MSVOA_D
ClientSampleId :
SU-04-061720

Tot Ion:117 Resp: 226972
Ion Ratio Lower Upper
117 100
82 57.3 41.9 62.9
119 31.3 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: VD065807.D
Acq: 18 Jun 2020 14:46

Tgt Ion:152 Resp: 69770
Ion Ratio Lower Upper
152 100
115 59.8 28.7 86.1
150 157.8 0.0 348.0

