

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065781.D
 Acq On : 08 Jun 2020 15:30
 Operator : VA/SY
 Sample : L2812-01
 Misc : 6.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-060520

Quant Time: Jun 09 07:18:11 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	217278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	385856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	343902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	128347	59.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.56%	
35) Dibromofluoromethane	7.92	113	128437	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.34	98	481502	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.64	95	148938	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

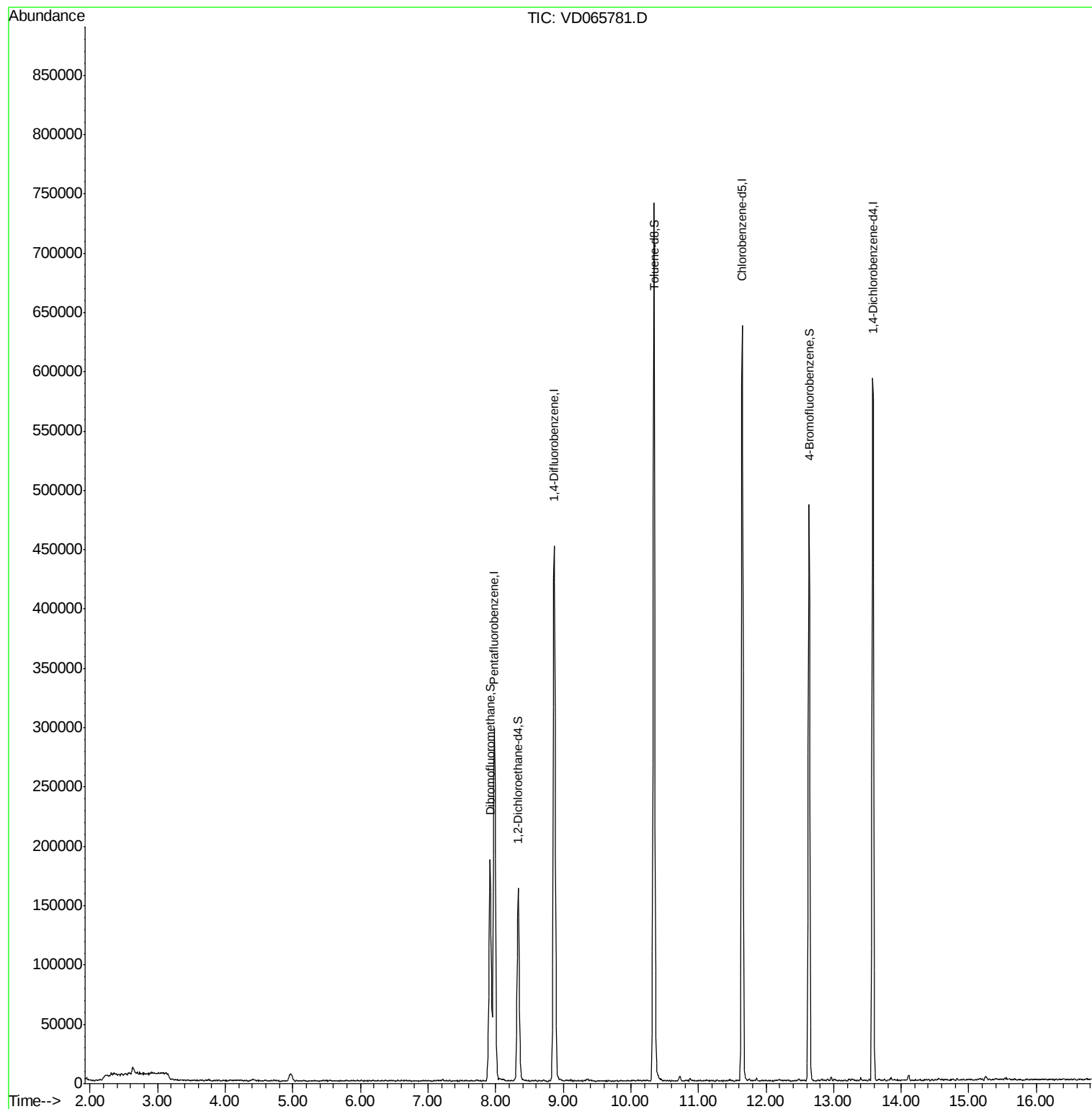
Target Compounds	Qvalue

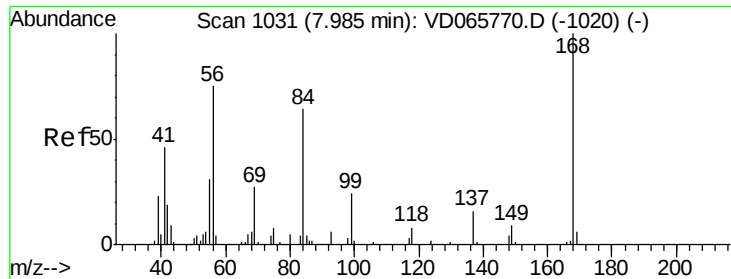
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065781.D

Acq: 08 Jun 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

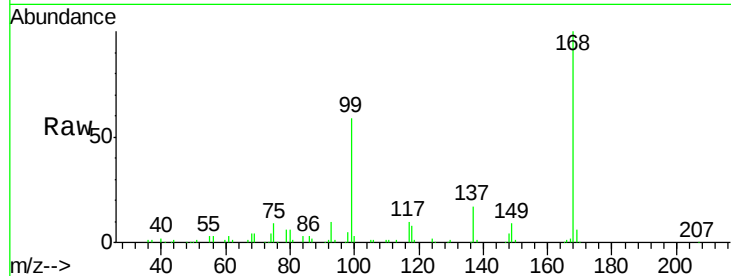
OK-01-060520

Tot Ion:168 Resp: 217278

Ion Ratio Lower Upper

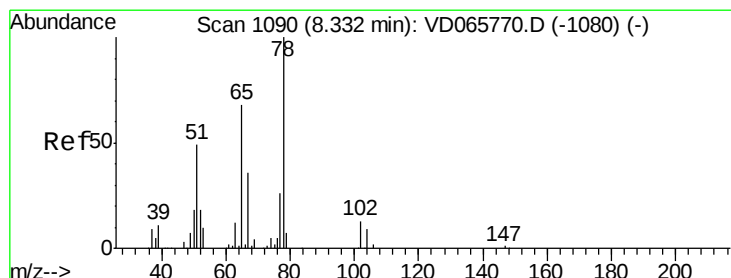
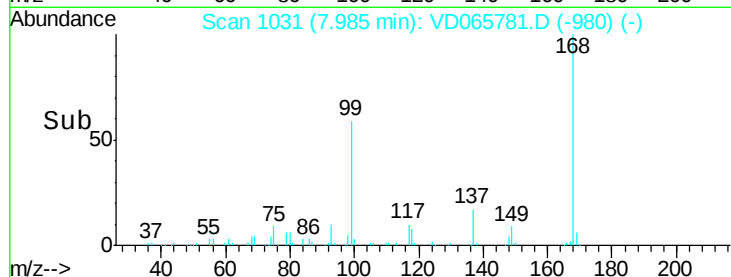
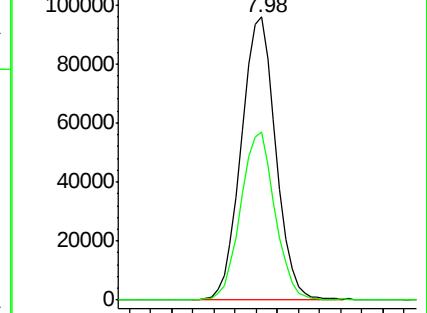
168 100

99 59.2 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: 59.780 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065781.D

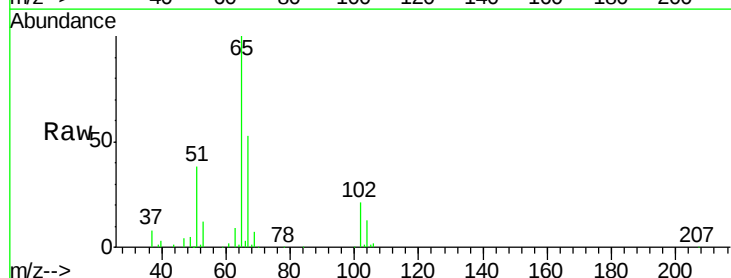
Acq: 08 Jun 2020 15:30

Tgt Ion: 65 Resp: 128347

Ion Ratio Lower Upper

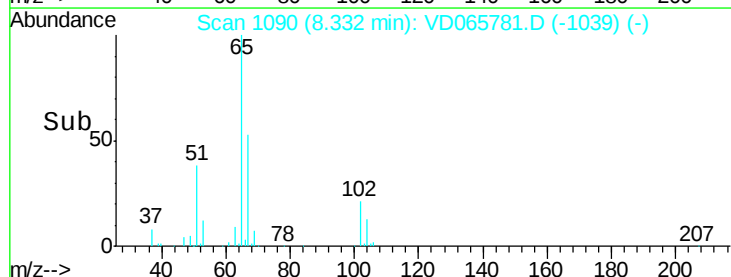
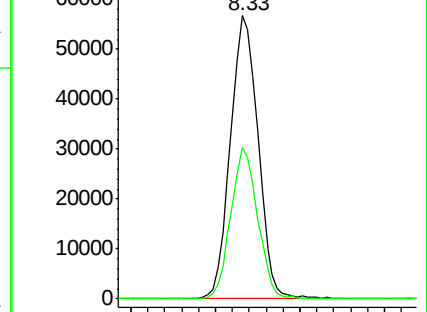
65 100

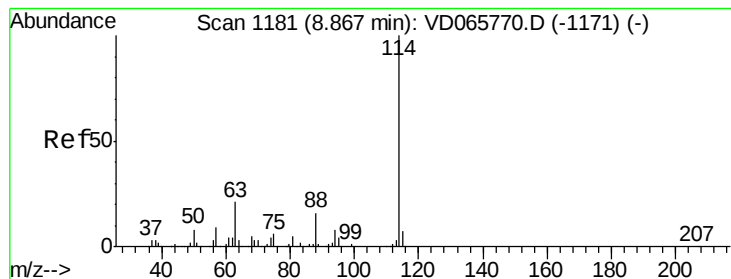
67 52.0 0.0 103.6



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: VD065781.D

Acq: 08 Jun 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

OK-01-060520

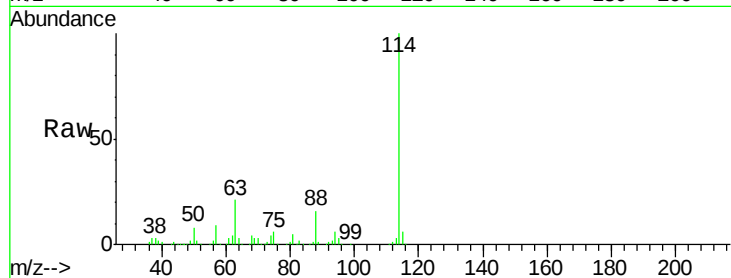
Tot Ion:114 Resp: 385856

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

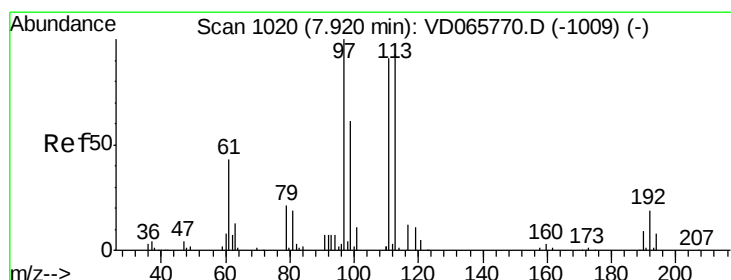
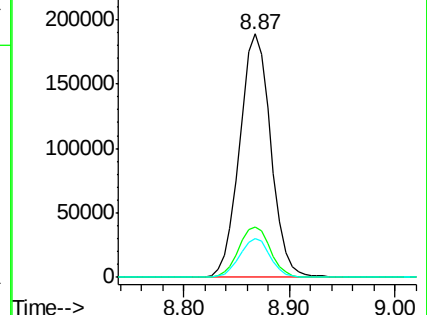
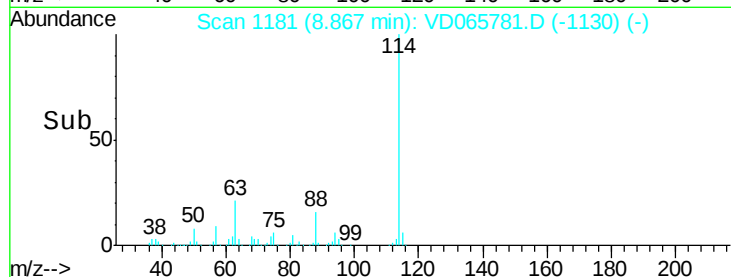
88 15.7 0.0 32.0



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: 52.697 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065781.D

Acq: 08 Jun 2020 15:30

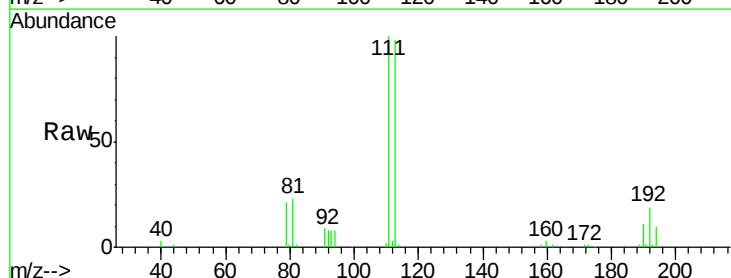
Tgt Ion:113 Resp: 128437

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

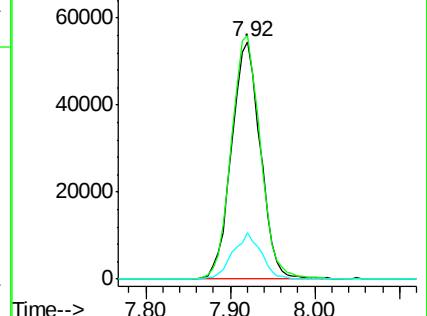
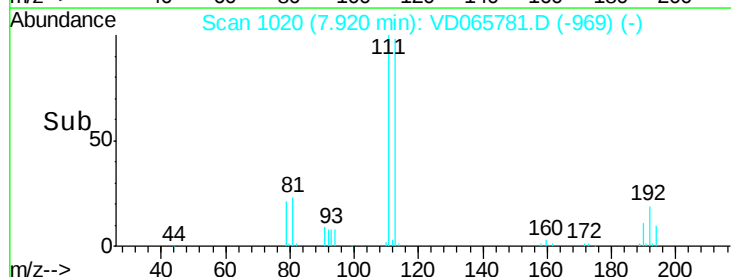
192 19.1 15.7 23.5

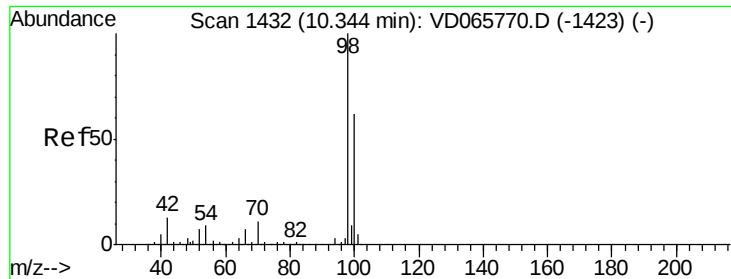


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.980 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065781.D

Acq: 08 Jun 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

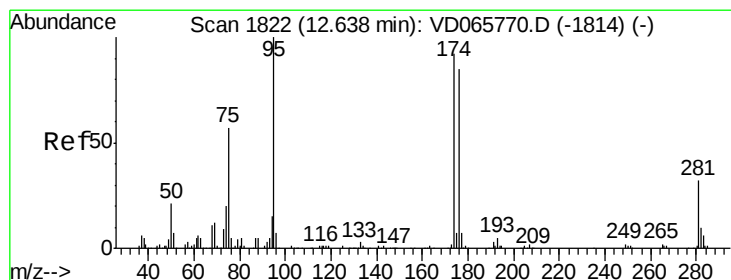
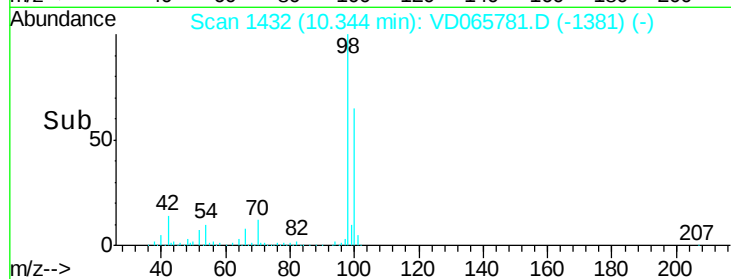
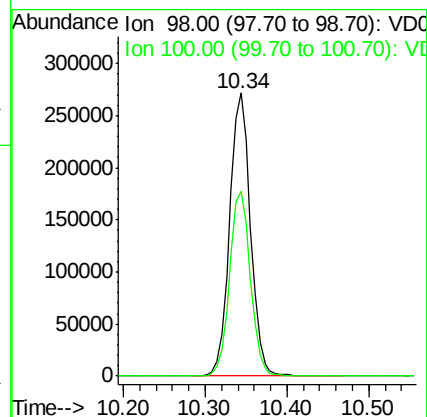
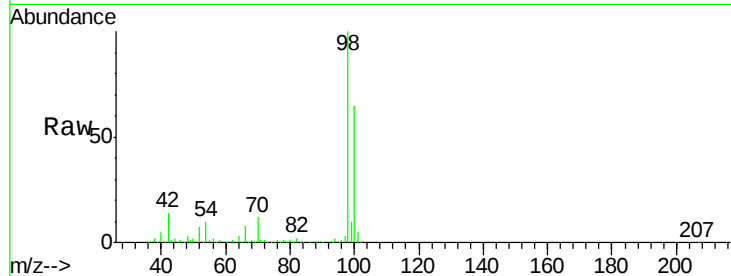
OK-01-060520

Tot Ion: 98 Resp: 481502

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 48.322 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065781.D

Acq: 08 Jun 2020 15:30

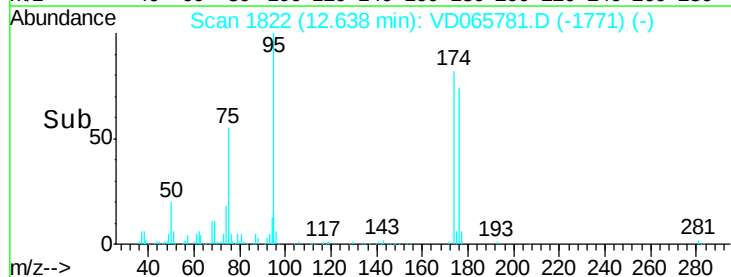
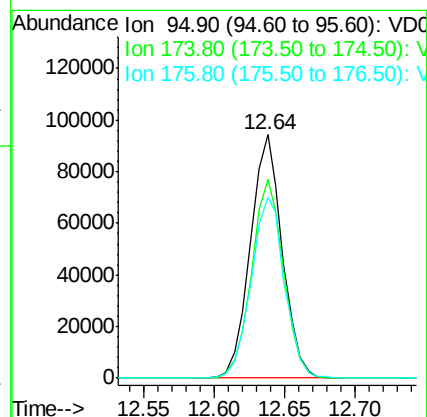
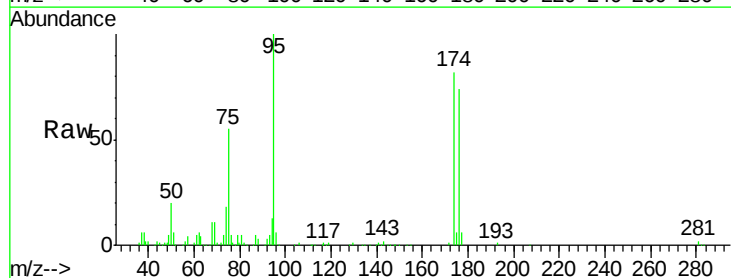
Tgt Ion: 95 Resp: 148938

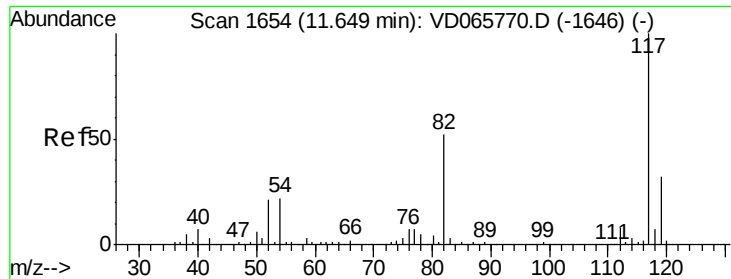
Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.2

176 78.1 0.0 163.0

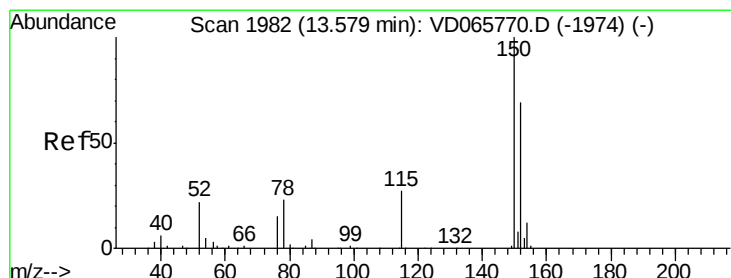
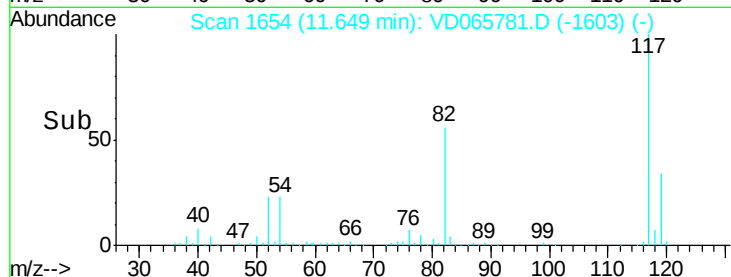
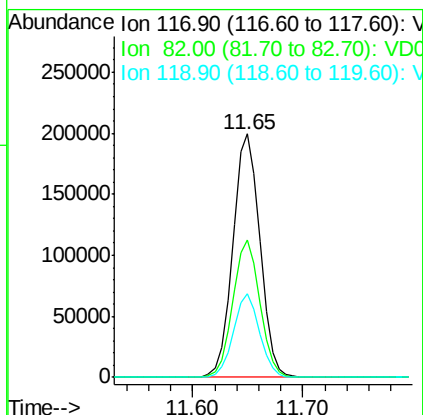
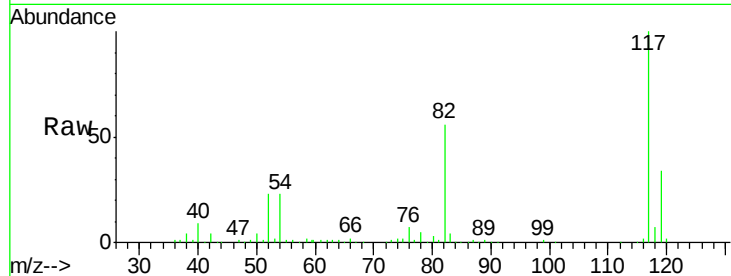




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065781.D
Acq: 08 Jun 2020 15:30

Instrument :
MSVOA_D
ClientSampleId :
OK-01-060520

Tot Ion:117 Resp: 343902
Ion Ratio Lower Upper
117 100
82 56.5 41.9 62.9
119 34.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065781.D
Acq: 08 Jun 2020 15:30

Tgt Ion:152 Resp: 152573
Ion Ratio Lower Upper
152 100
115 58.0 28.7 86.1
150 157.7 0.0 348.0

