

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065962.D
 Acq On : 16 Jul 2020 17:34
 Operator : VA/SY
 Sample : L3305-02
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-057-A

Quant Time: Jul 17 04:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	622787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	633638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	313960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	161390	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	187089	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.34	98	742799	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.64	95	280173	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	

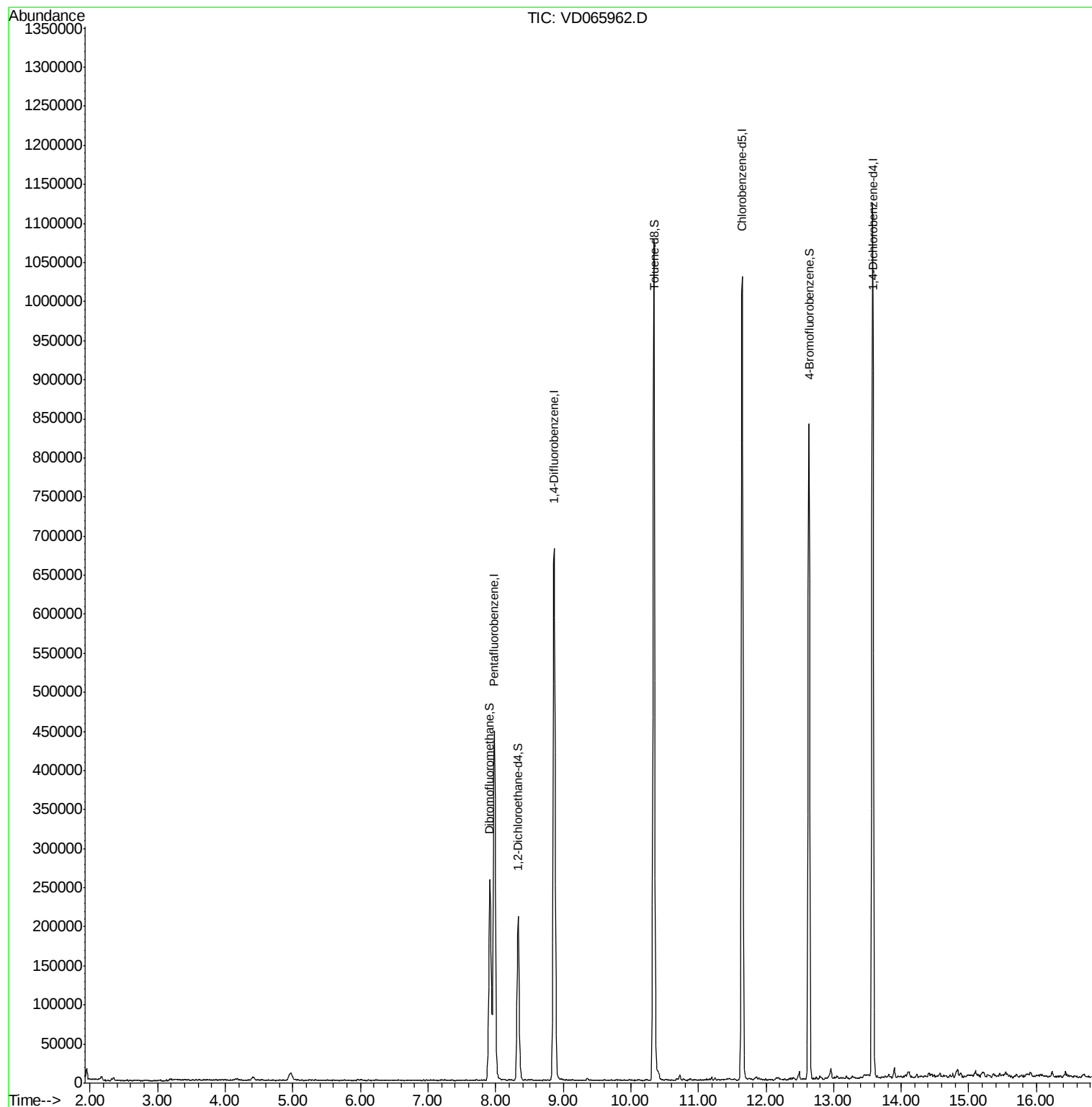
Target Compounds	Qvalue

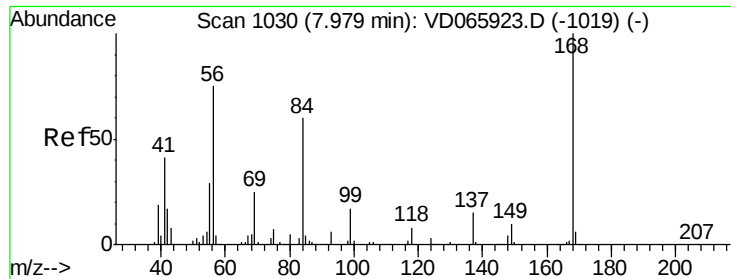
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

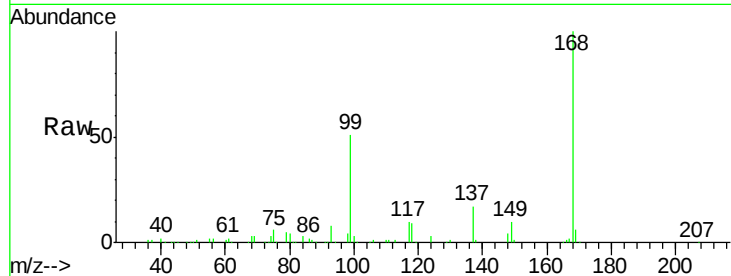
FK-GF-02-057-A

Tot Ion:168 Resp: 362993

Ion Ratio Lower Upper

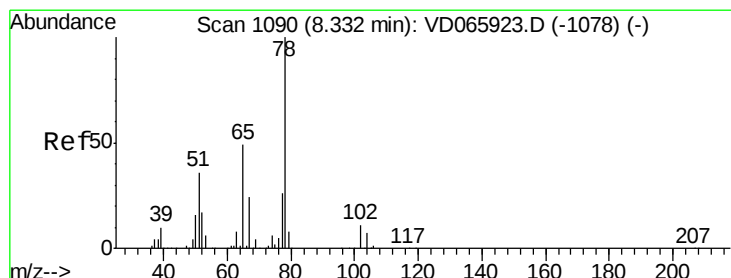
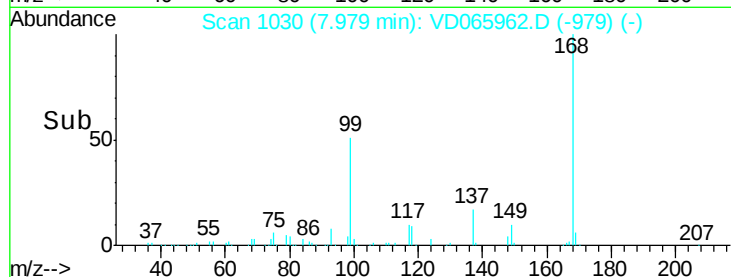
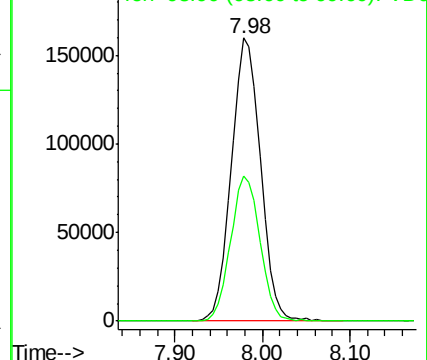
168 100

99 51.4 43.1 64.7



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: 50.169 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065962.D

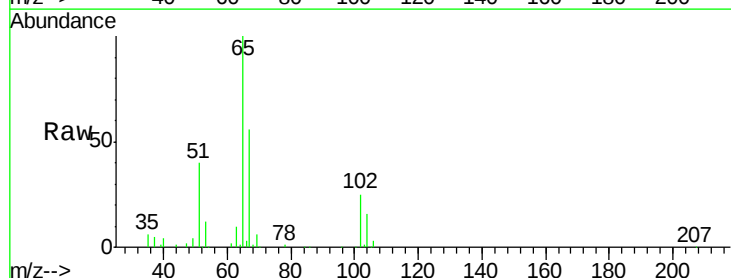
Acq: 16 Jul 2020 17:34

Tgt Ion: 65 Resp: 161390

Ion Ratio Lower Upper

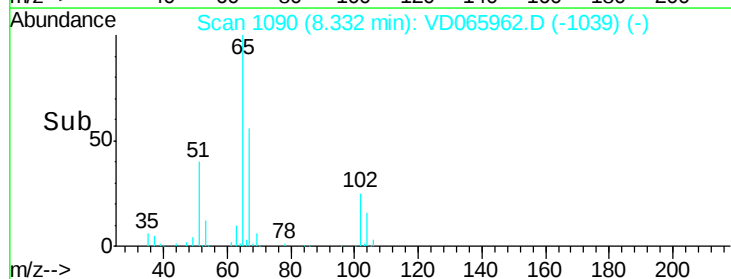
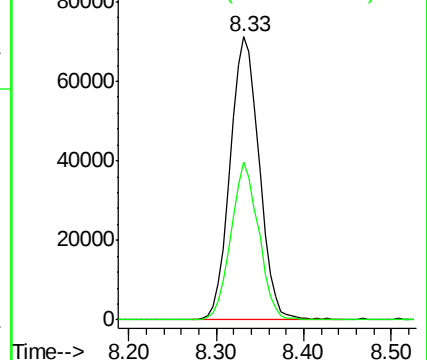
65 100

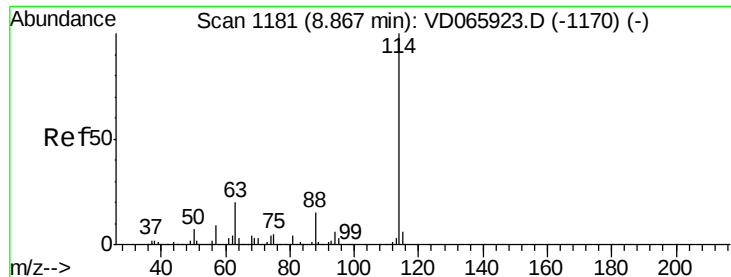
67 52.9 0.0 105.6



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: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-057-A

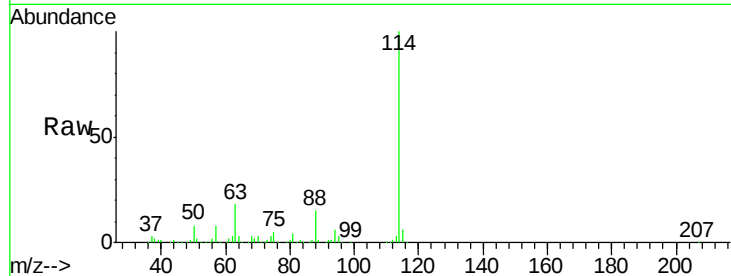
Tot Ion:114 Resp: 622787

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.2

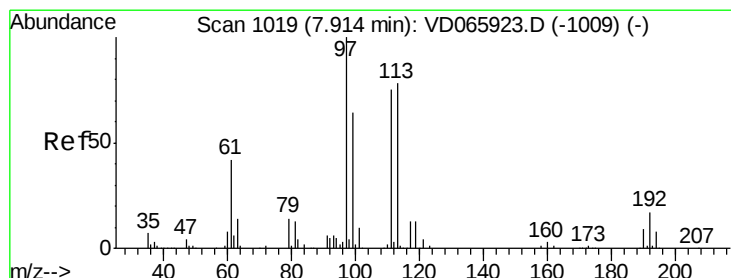
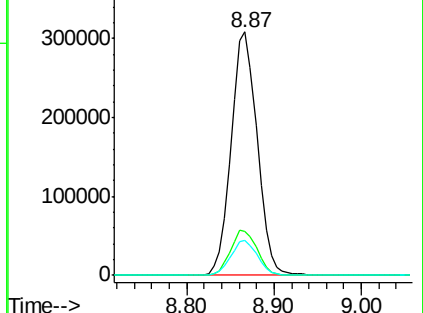
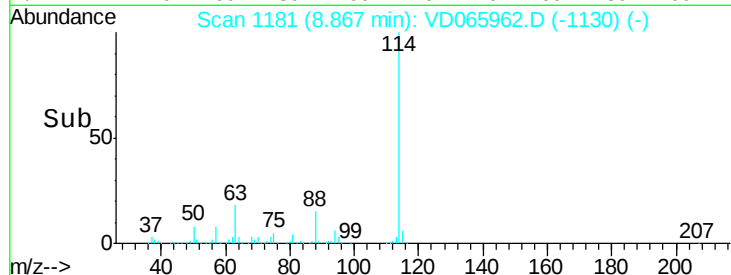
88 14.6 0.0 30.0



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: 48.697 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

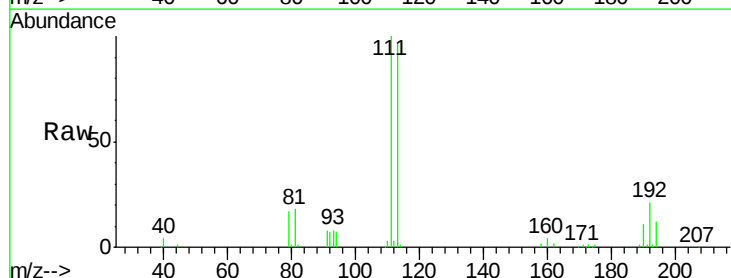
Tgt Ion:113 Resp: 187089

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

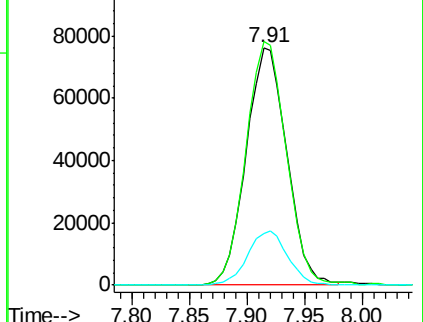
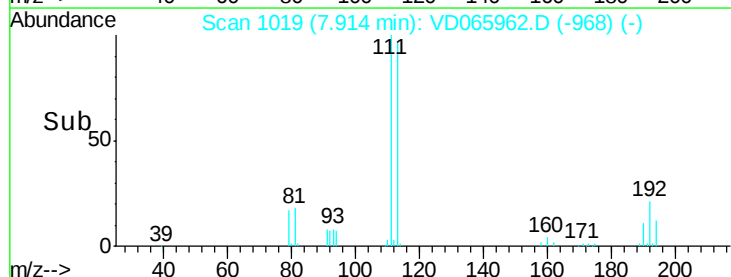
192 22.5 17.1 25.7

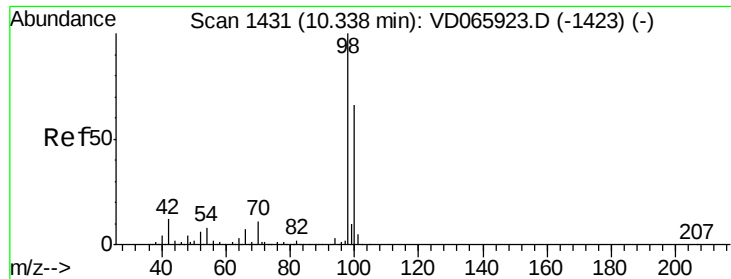


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

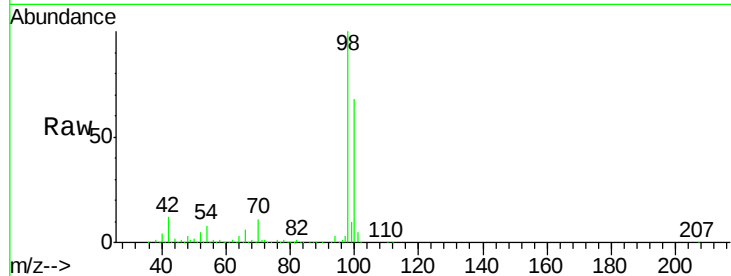
FK-GF-02-057-A

Tot Ion: 98 Resp: 742799

Ion Ratio Lower Upper

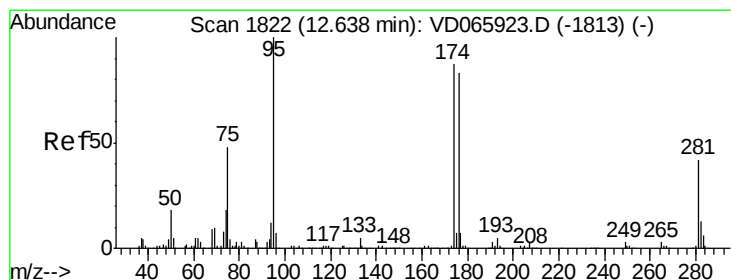
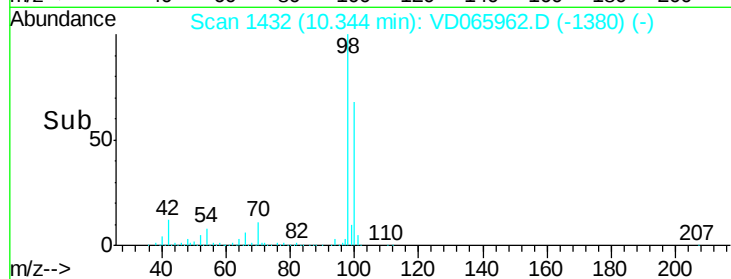
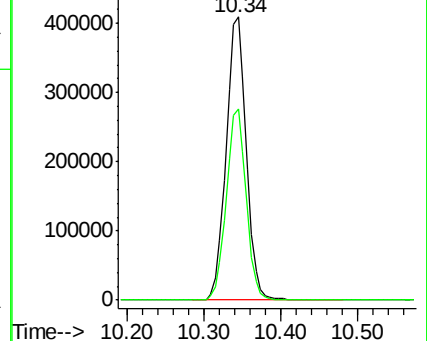
98 100

100 66.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 58.203 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065962.D

Acq: 16 Jul 2020 17:34

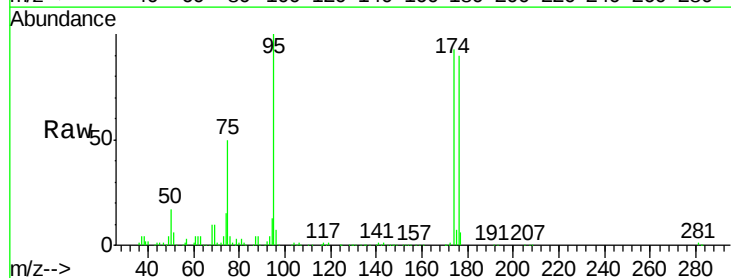
Tgt Ion: 95 Resp: 280173

Ion Ratio Lower Upper

95 100

174 91.1 0.0 169.4

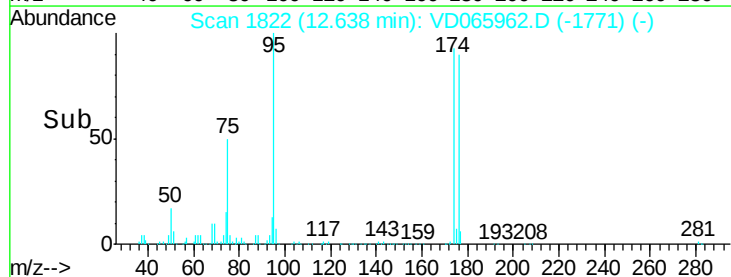
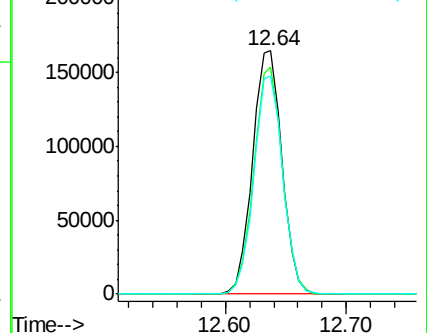
176 88.2 0.0 164.0

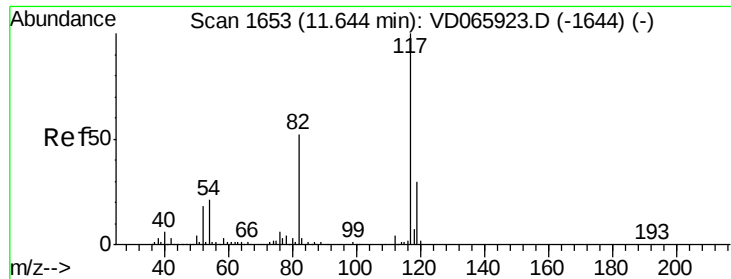


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

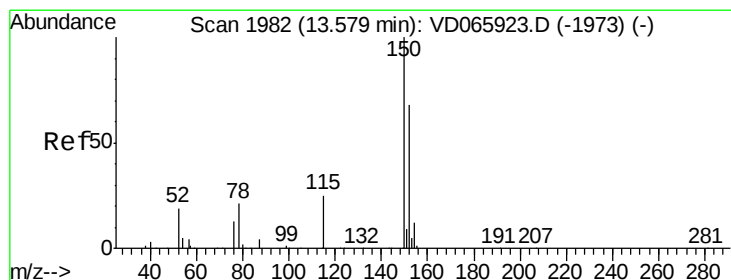
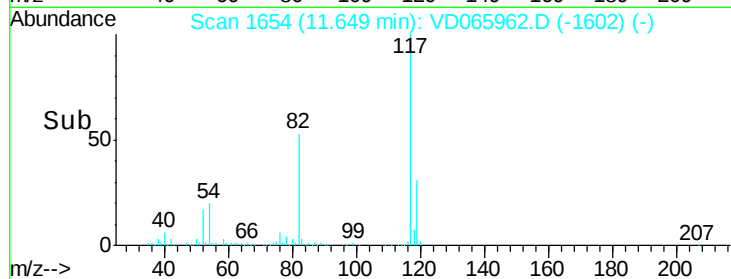
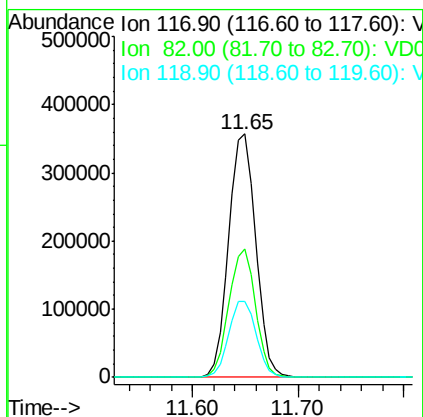
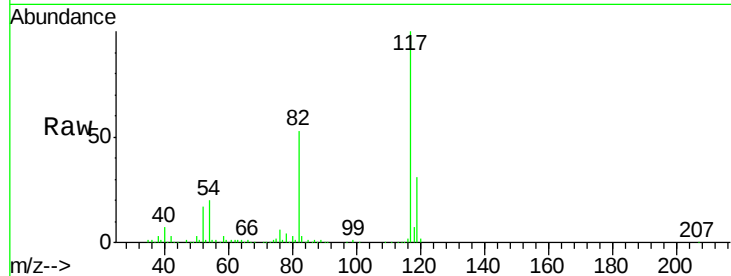




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	31.3	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065962.D
Acq: 16 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	156.9	0.0	347.2

