

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065181.D
 Acq On : 13 Feb 2020 17:14
 Operator : VA/SY
 Sample : L1529-04
 Misc : 4.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-049-B

Quant Time: Feb 14 07:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

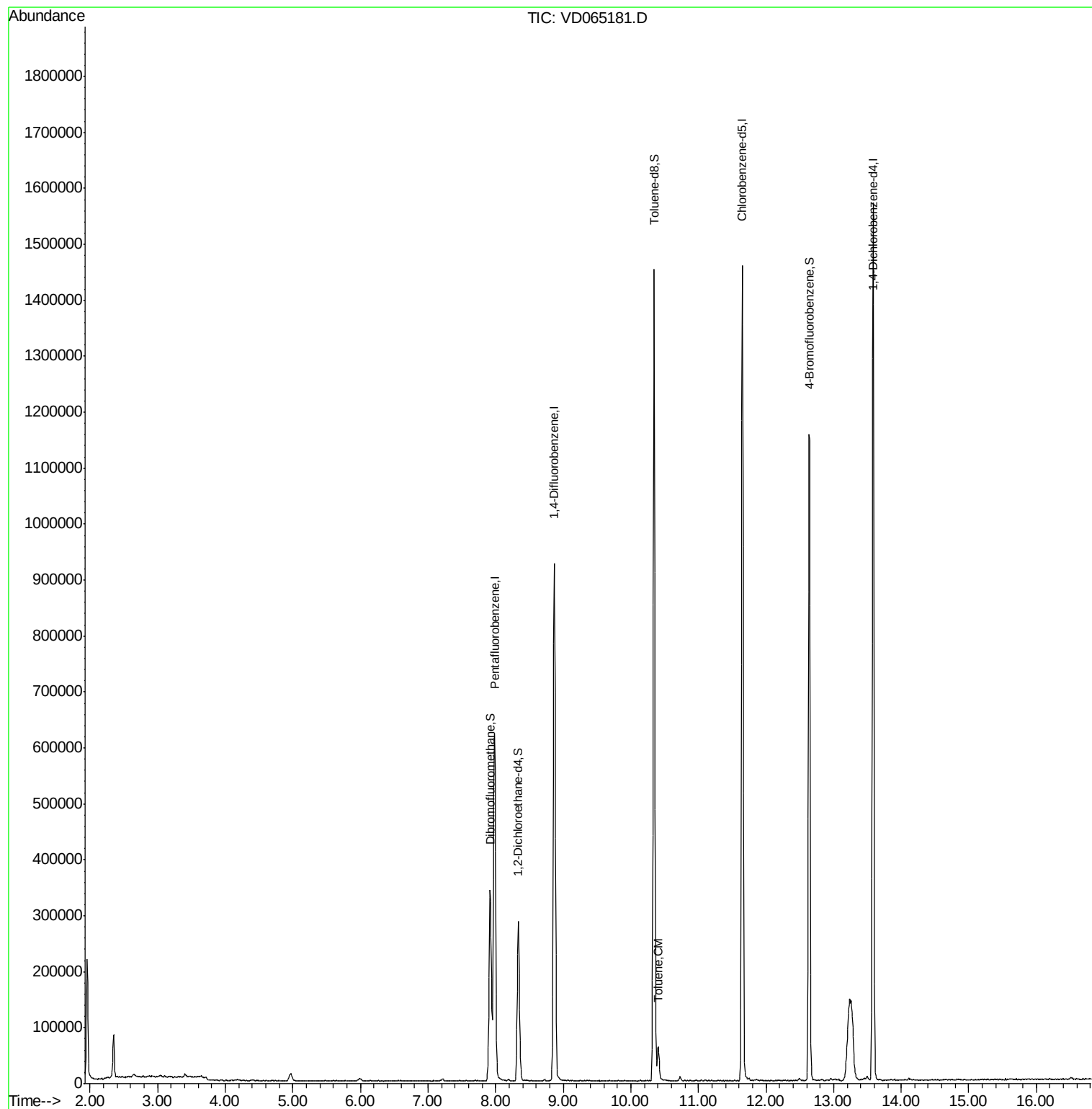
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	487353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	798528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	844051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	224100	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.92	113	247104	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
50) Toluene-d8	10.34	98	978953	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.64	95	372677	66.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.64%	
Target Compounds						
52) Toluene	10.41	92	24216	1.850	ug/l	Qvalue 99

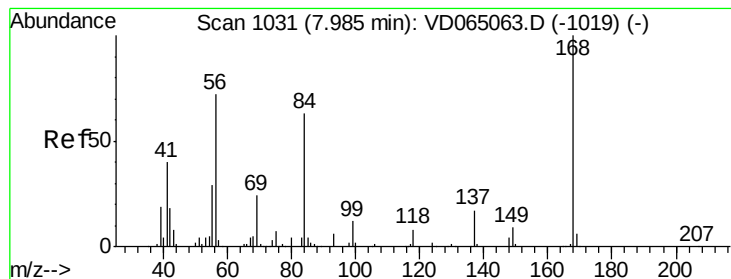
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
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QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065181.D

Acq: 13 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

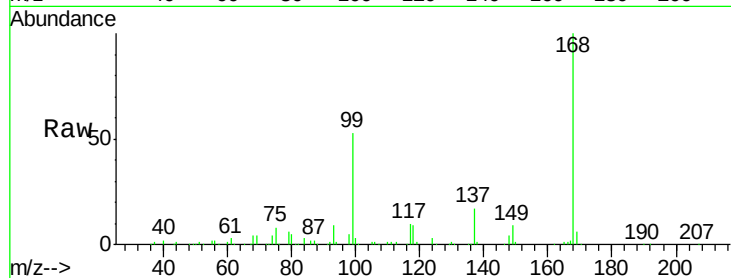
FK-GF-02-049-B

Tot Ion:168 Resp: 487353

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

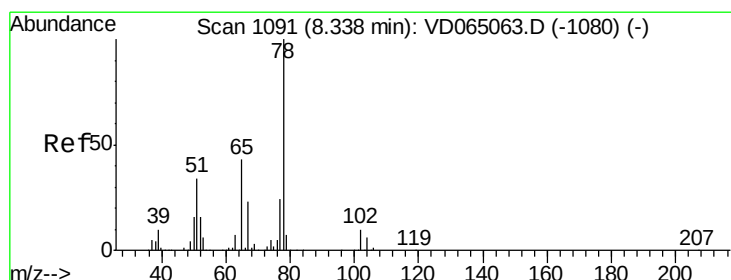
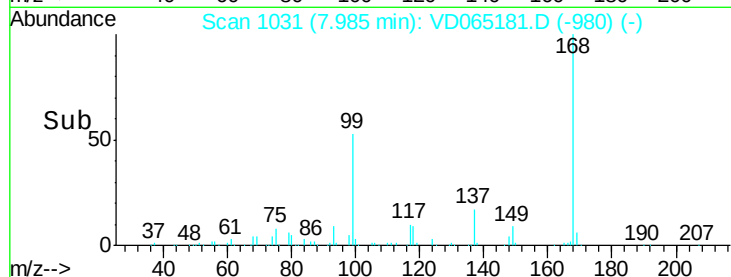
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.103 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065181.D

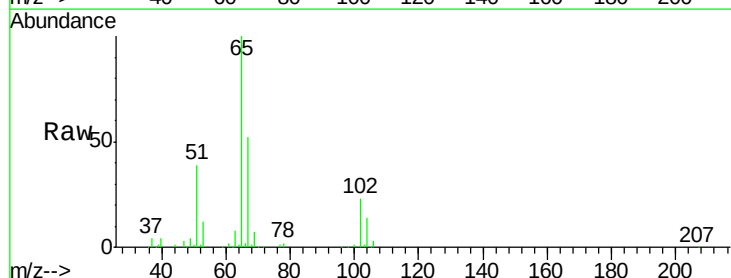
Acq: 13 Feb 2020 17:14

Tgt Ion: 65 Resp: 224100

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

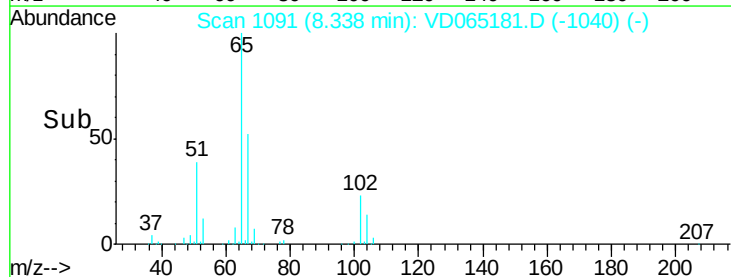
60000

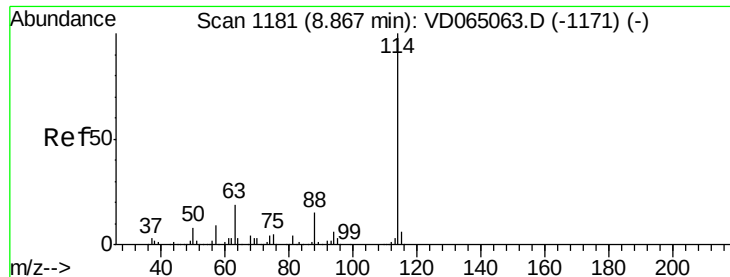
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065181.D

Acq: 13 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-049-B

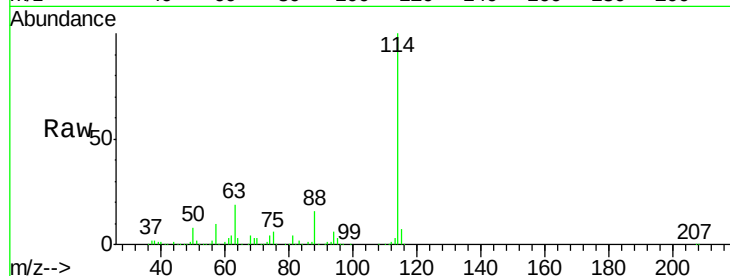
Tot Ion:114 Resp: 798528

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

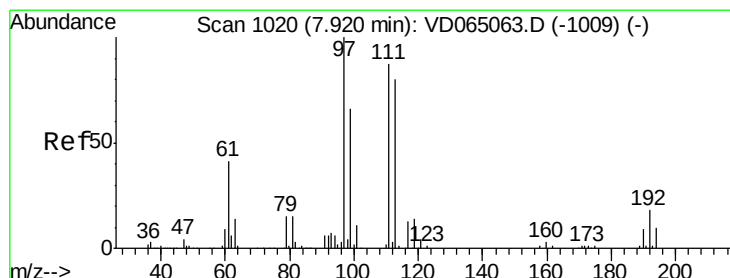
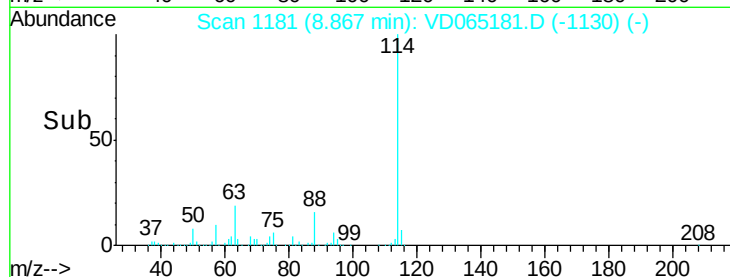
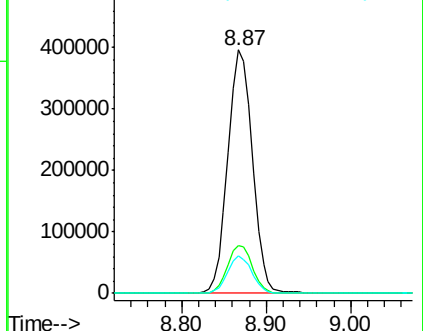
88 15.5 0.0 29.6



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: 55.463 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065181.D

Acq: 13 Feb 2020 17:14

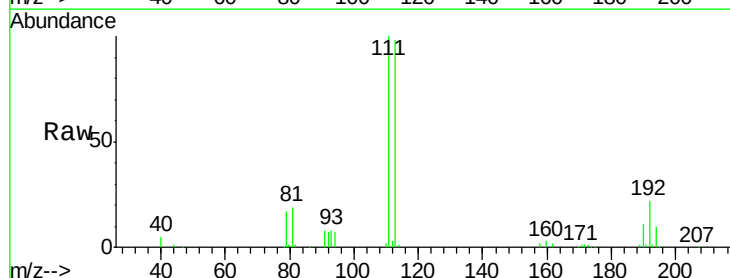
Tgt Ion:113 Resp: 247104

Ion Ratio Lower Upper

113 100

111 102.3 83.1 124.7

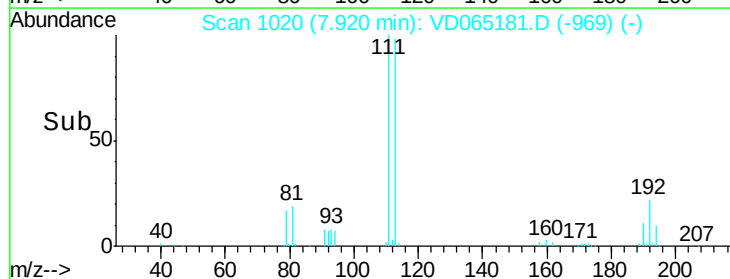
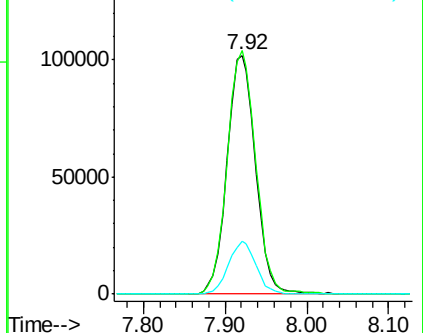
192 21.2 18.1 27.1

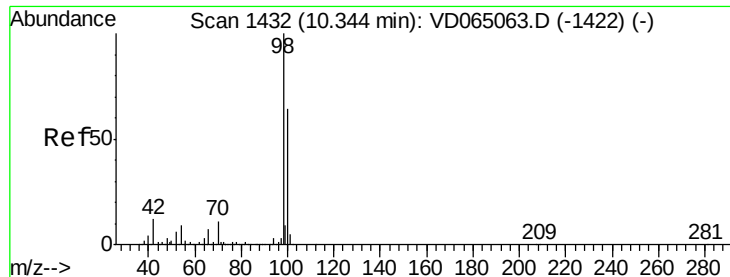


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

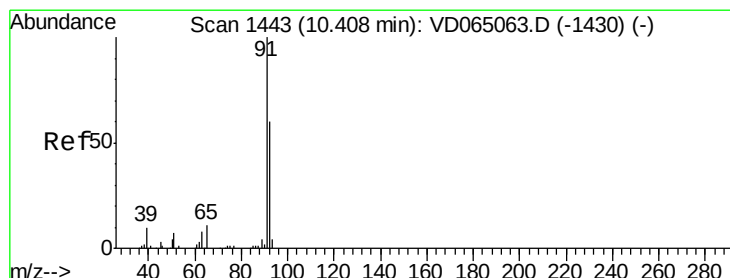
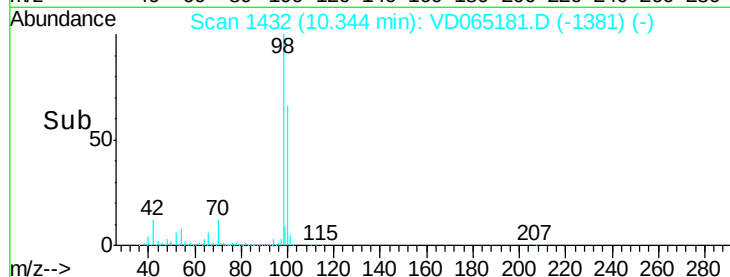
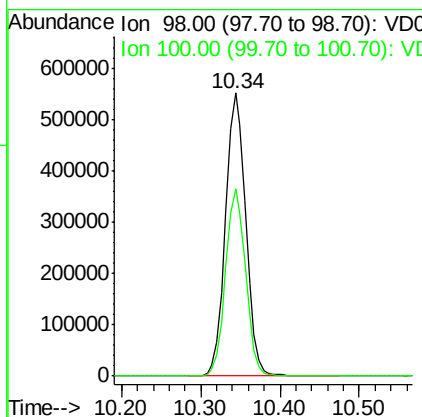
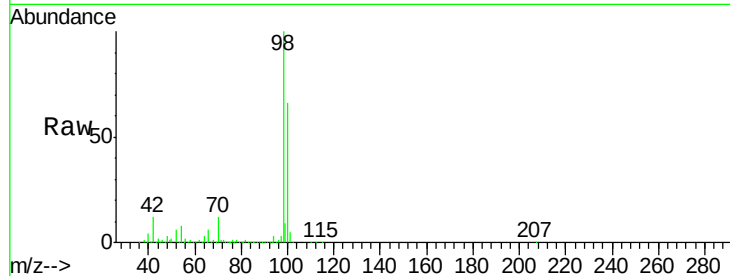




#50
Toluene-d8
Concen: 55.204 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065181.D
Acq: 13 Feb 2020 17:14

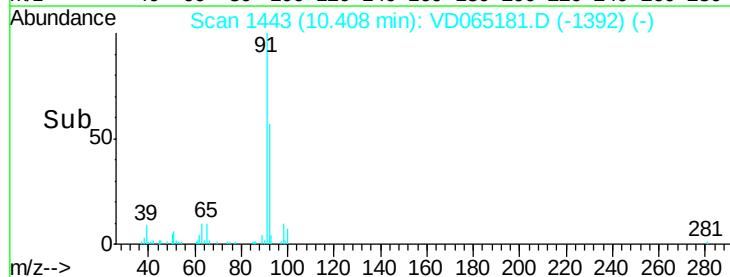
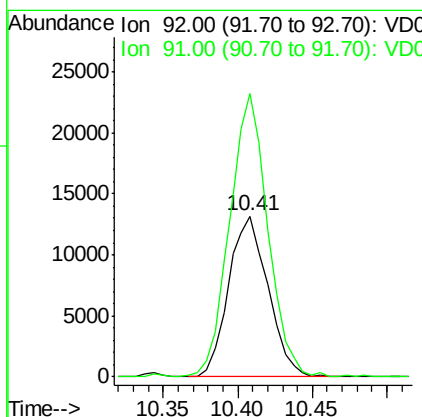
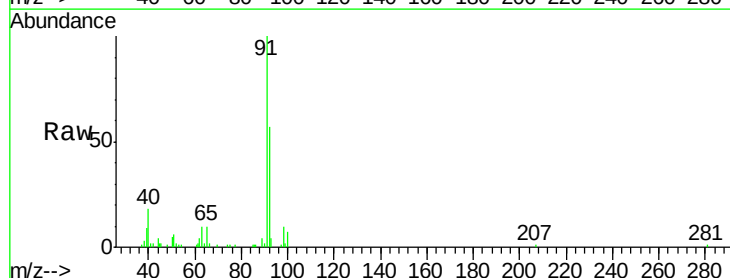
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-049-B

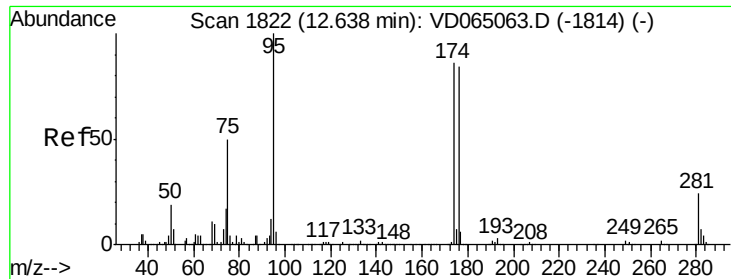
Tot Ion: 98 Resp: 978953
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#52
Toluene
Concen: 1.850 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065181.D
Acq: 13 Feb 2020 17:14

Tgt Ion: 92 Resp: 24216
Ion Ratio Lower Upper
92 100
91 170.4 135.3 202.9

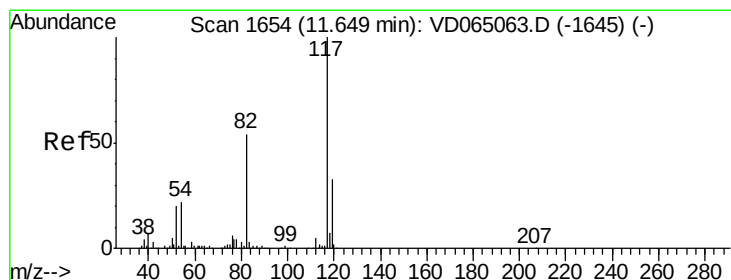
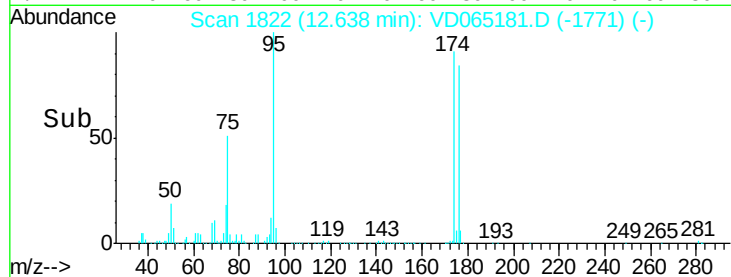
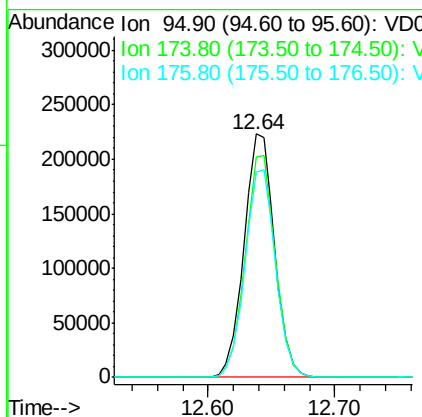
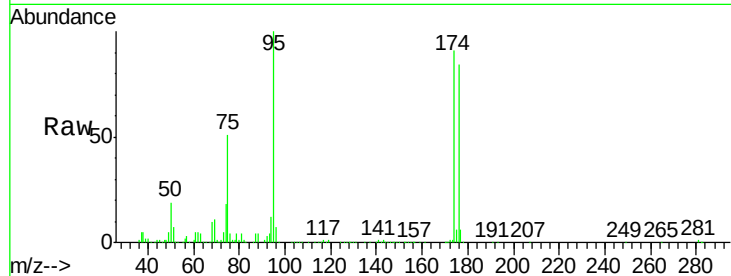




#62
4-Bromofluorobenzene
Concen: 66.324 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065181.D
Acq: 13 Feb 2020 17:14

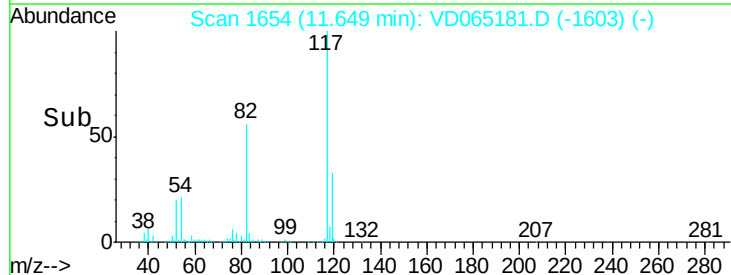
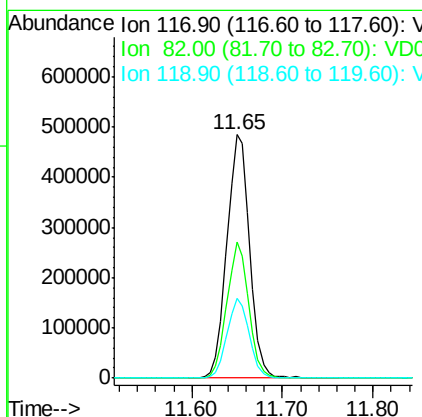
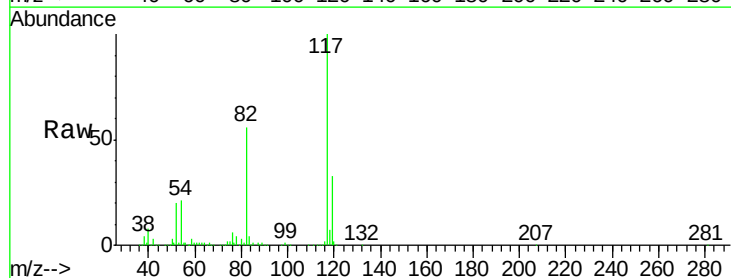
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-049-B

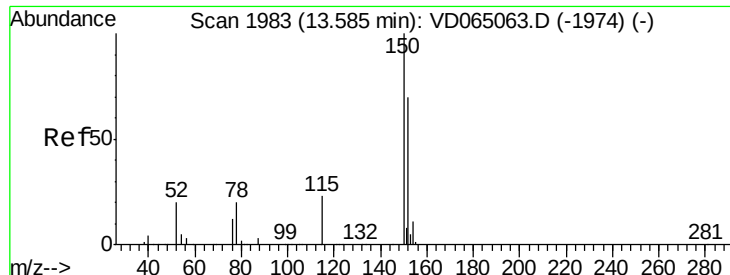
Tot Ion: 95 Resp: 372677
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.0
176 85.7 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065181.D
Acq: 13 Feb 2020 17:14

Tgt Ion: 117 Resp: 844051
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065181.D

Acq: 13 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-049-B

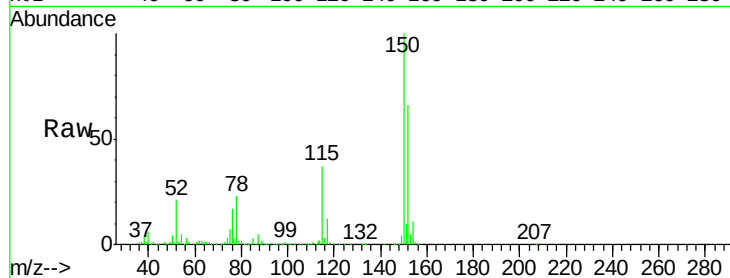
Tot Ion:152 Resp: 419982

Ion Ratio Lower Upper

152 100

115 56.2 27.5 82.4

150 156.0 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

