

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065229.D
 Acq On : 18 Feb 2020 20:08
 Operator : VA/SY
 Sample : L1575-06
 Misc : 9.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-D2

Quant Time: Feb 19 04:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	436213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	717952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	751411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	375102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223201	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
35) Dibromofluoromethane	7.92	113	232440	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.34	98	882111	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.64	95	318863	60.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.28%	

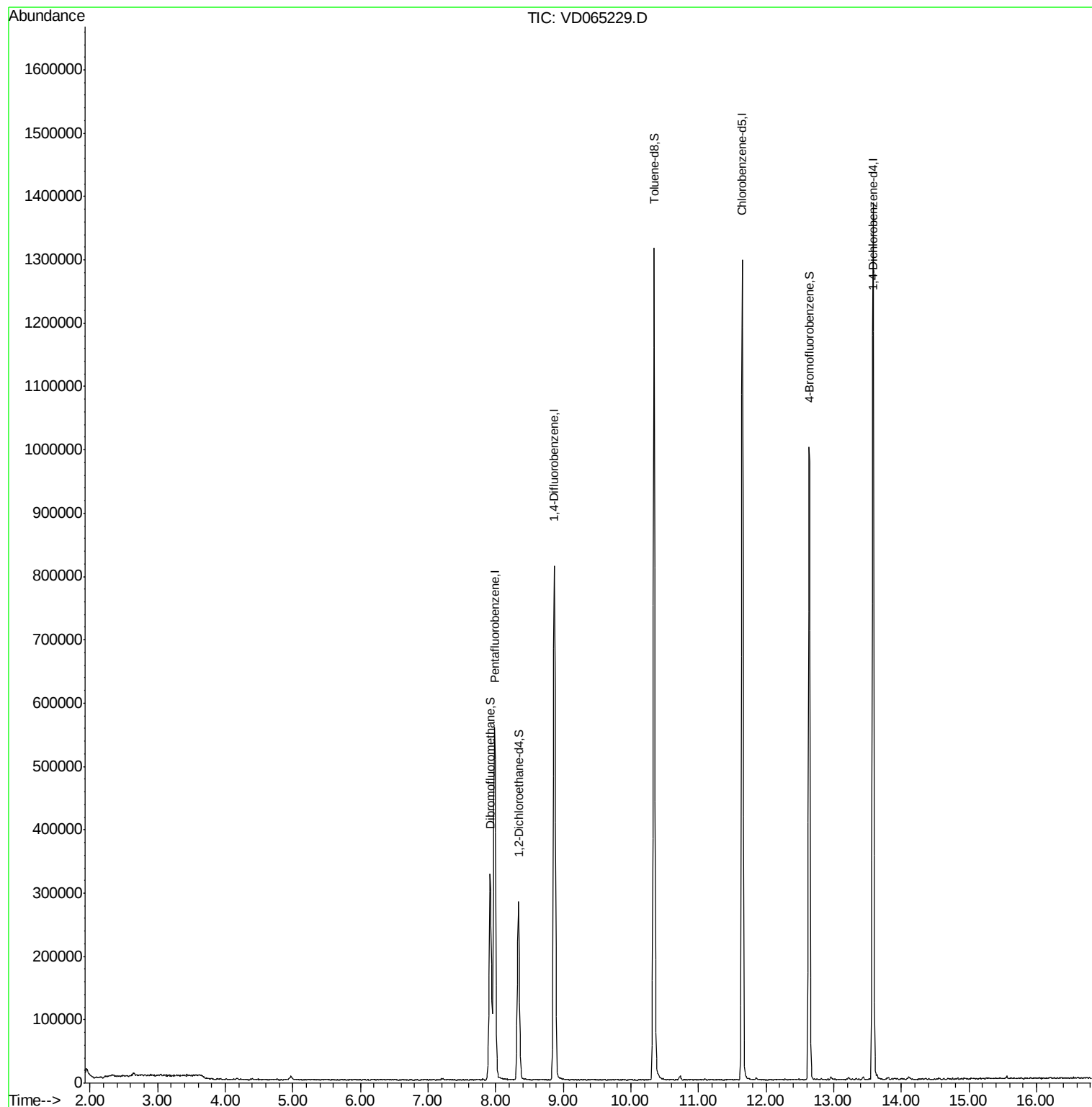
Target Compounds	Qvalue

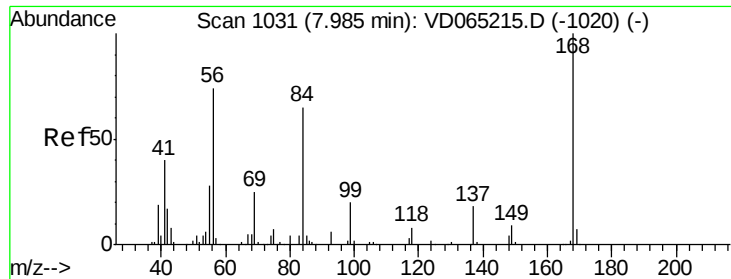
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

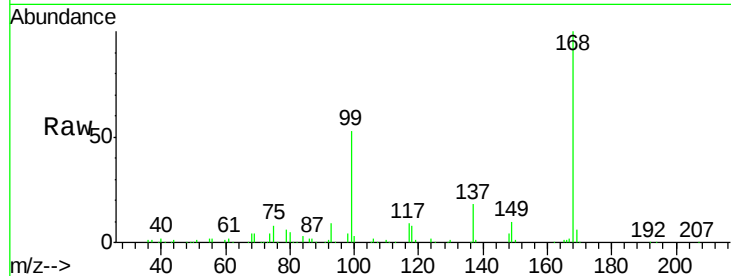
TP-A-D2

Tot Ion:168 Resp: 436213

Ion Ratio Lower Upper

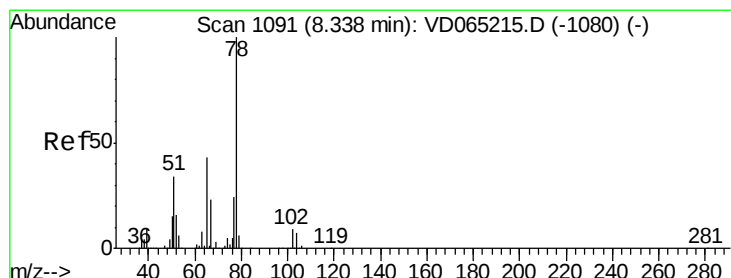
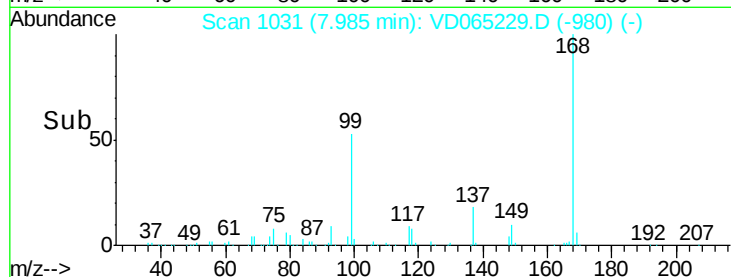
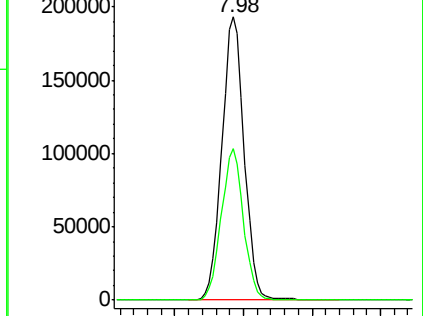
168 100

99 53.4 41.4 62.2



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: 56.878 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065229.D

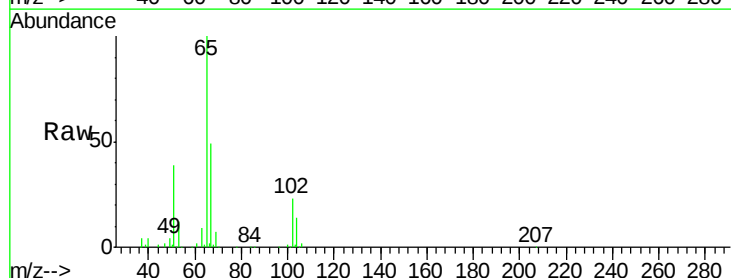
Acq: 18 Feb 2020 20:08

Tgt Ion: 65 Resp: 223201

Ion Ratio Lower Upper

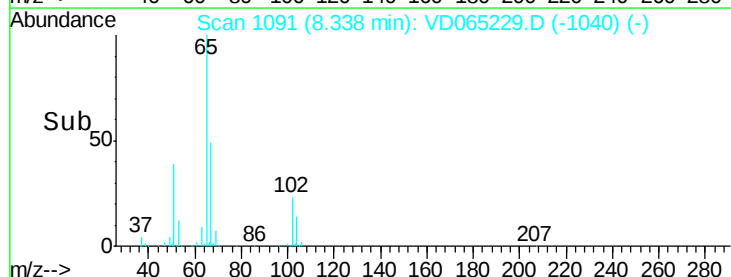
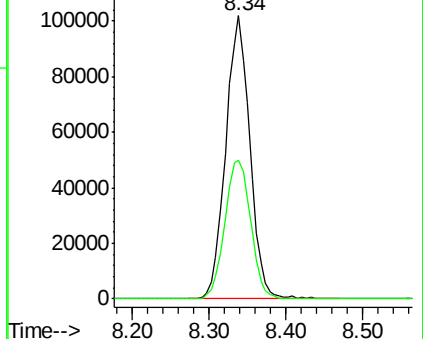
65 100

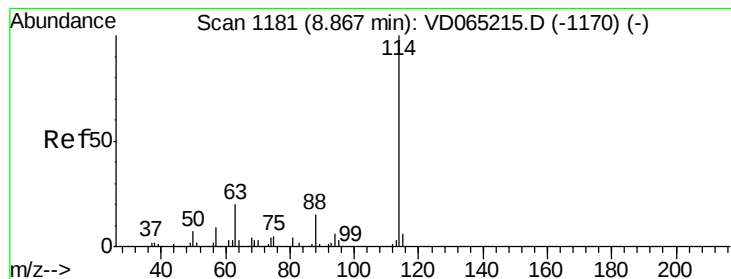
67 52.4 0.0 106.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

TP-A-D2

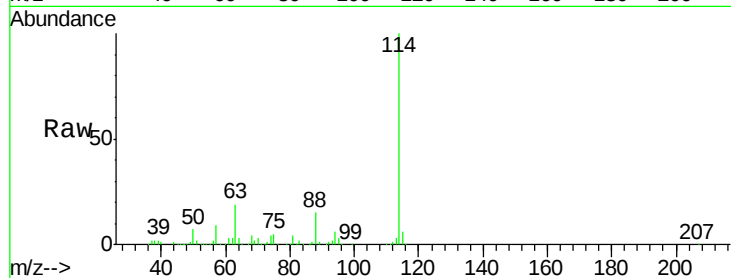
Tot Ion:114 Resp: 717952

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

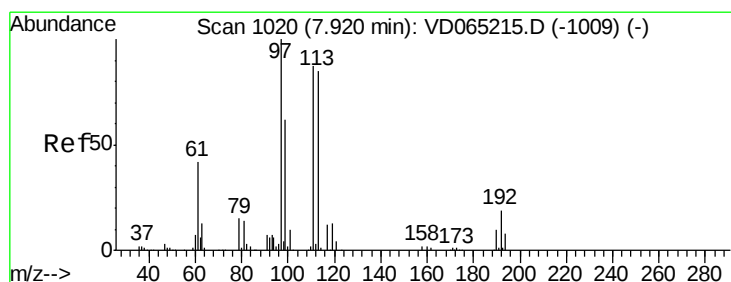
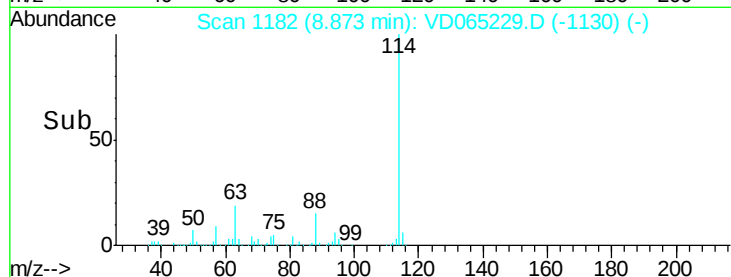
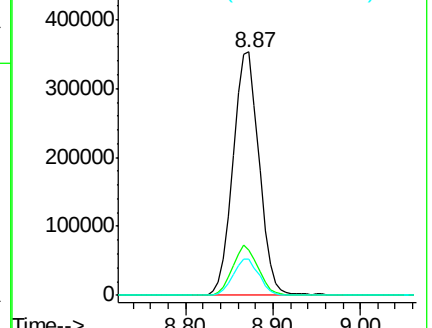
88 15.1 0.0 30.4



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: 53.097 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

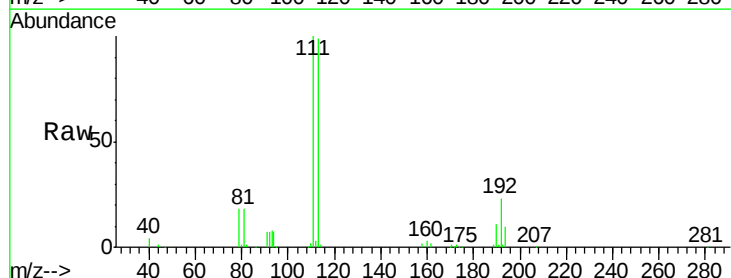
Tgt Ion:113 Resp: 232440

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

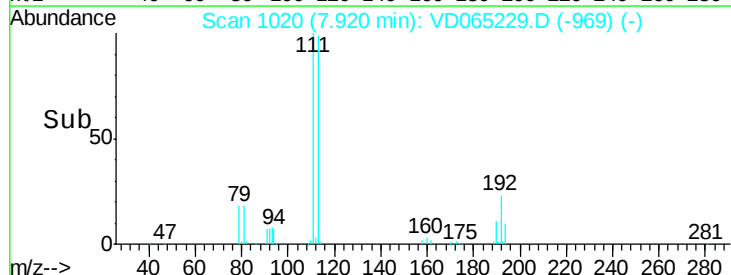
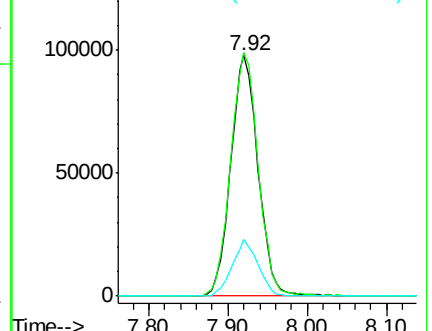
192 22.1 17.3 25.9

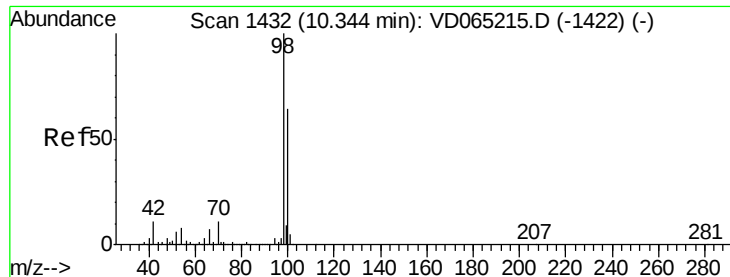


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.709 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

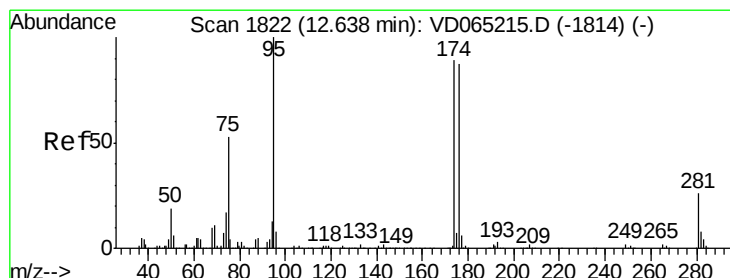
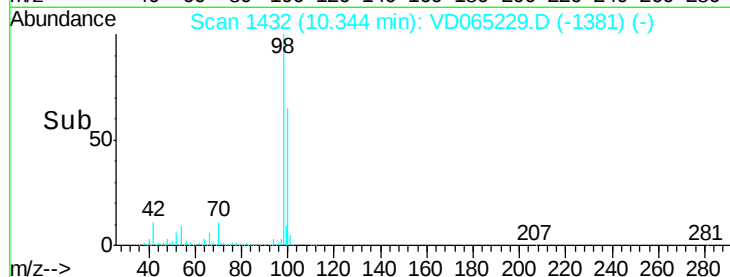
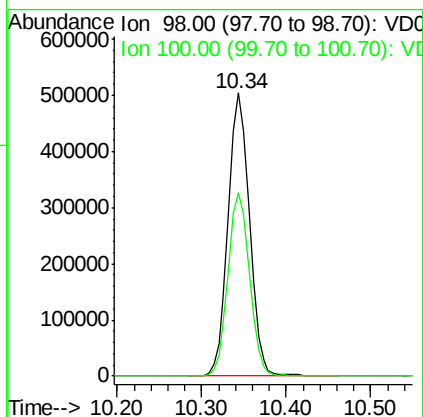
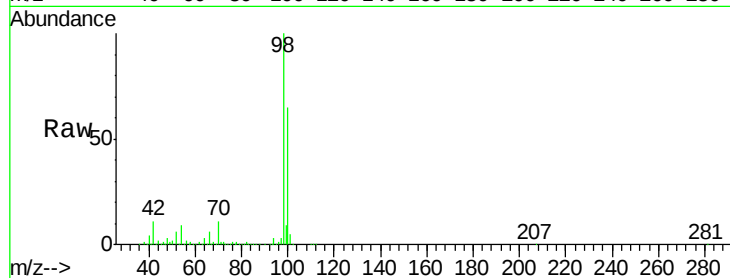
TP-A-D2

Tot Ion: 98 Resp: 882111

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 60.144 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

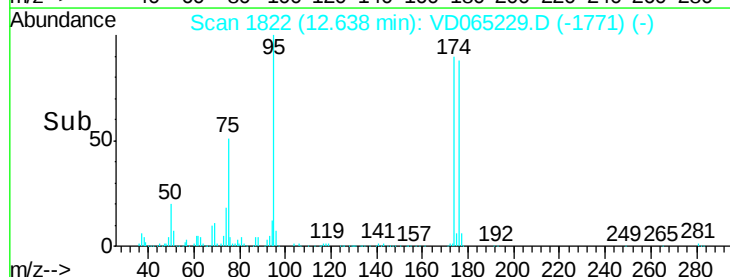
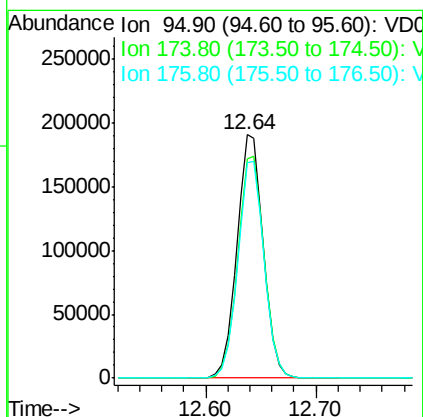
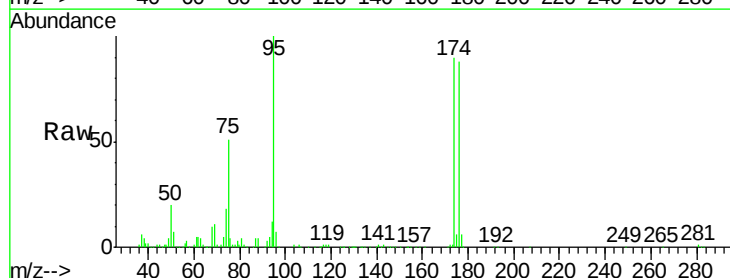
Tgt Ion: 95 Resp: 318863

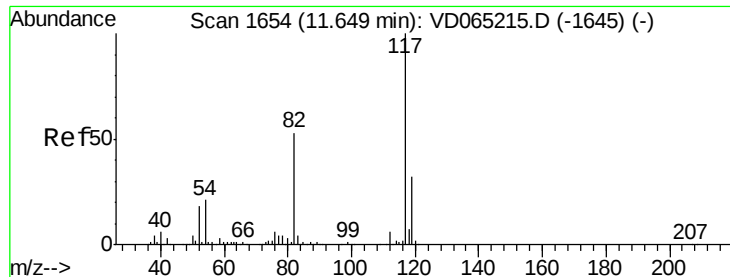
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.0

176 88.7 0.0 174.4

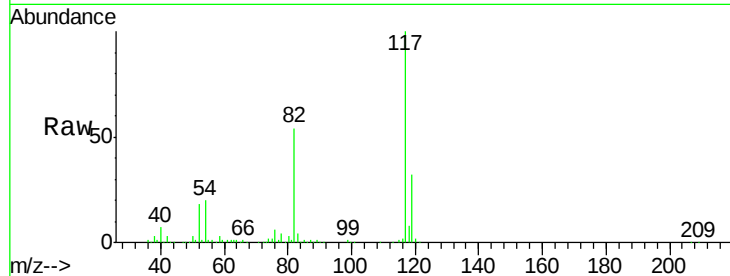




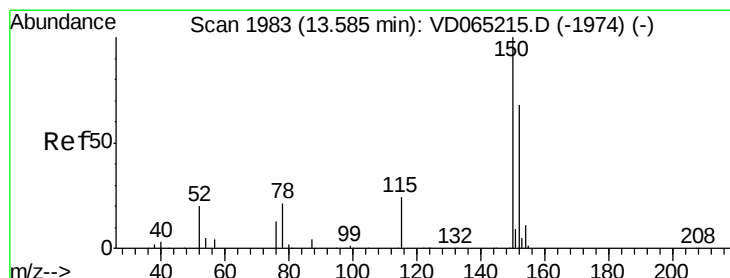
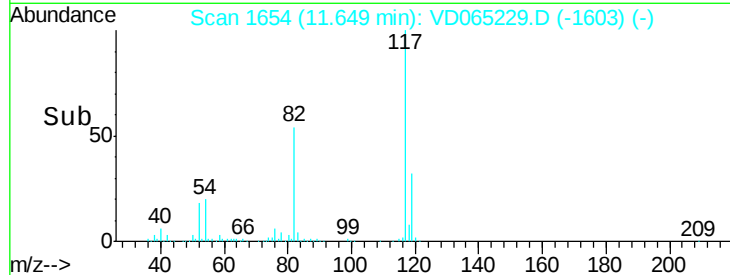
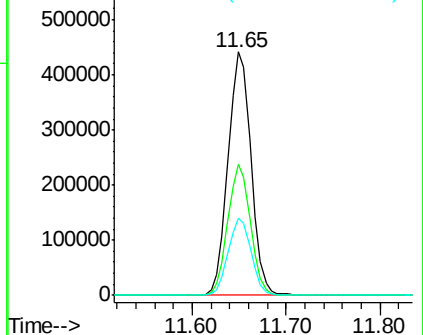
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

Instrument :
MSVOA_D
ClientSampled :
TP-A-D2

Tot Ion:117 Resp: 751411
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.7 25.5 38.3

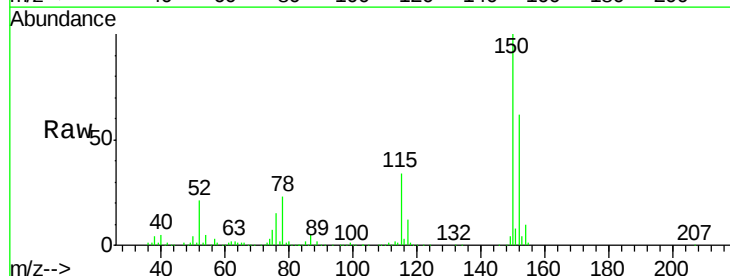


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

Tgt Ion:152 Resp: 375102
Ion Ratio Lower Upper
152 100
115 54.5 27.6 82.8
150 156.9 0.0 347.4



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

