

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065154.D
 Acq On : 11 Feb 2020 19:59
 Operator : VA/SY
 Sample : L1491-09
 Misc : 7.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2C-(8.5-10.5)

Quant Time: Feb 12 07:38:58 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	510313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	822456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	863320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	434879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	229575	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.92	113	251229	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.34	98	1014214	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.64	95	382488	66.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.18%	

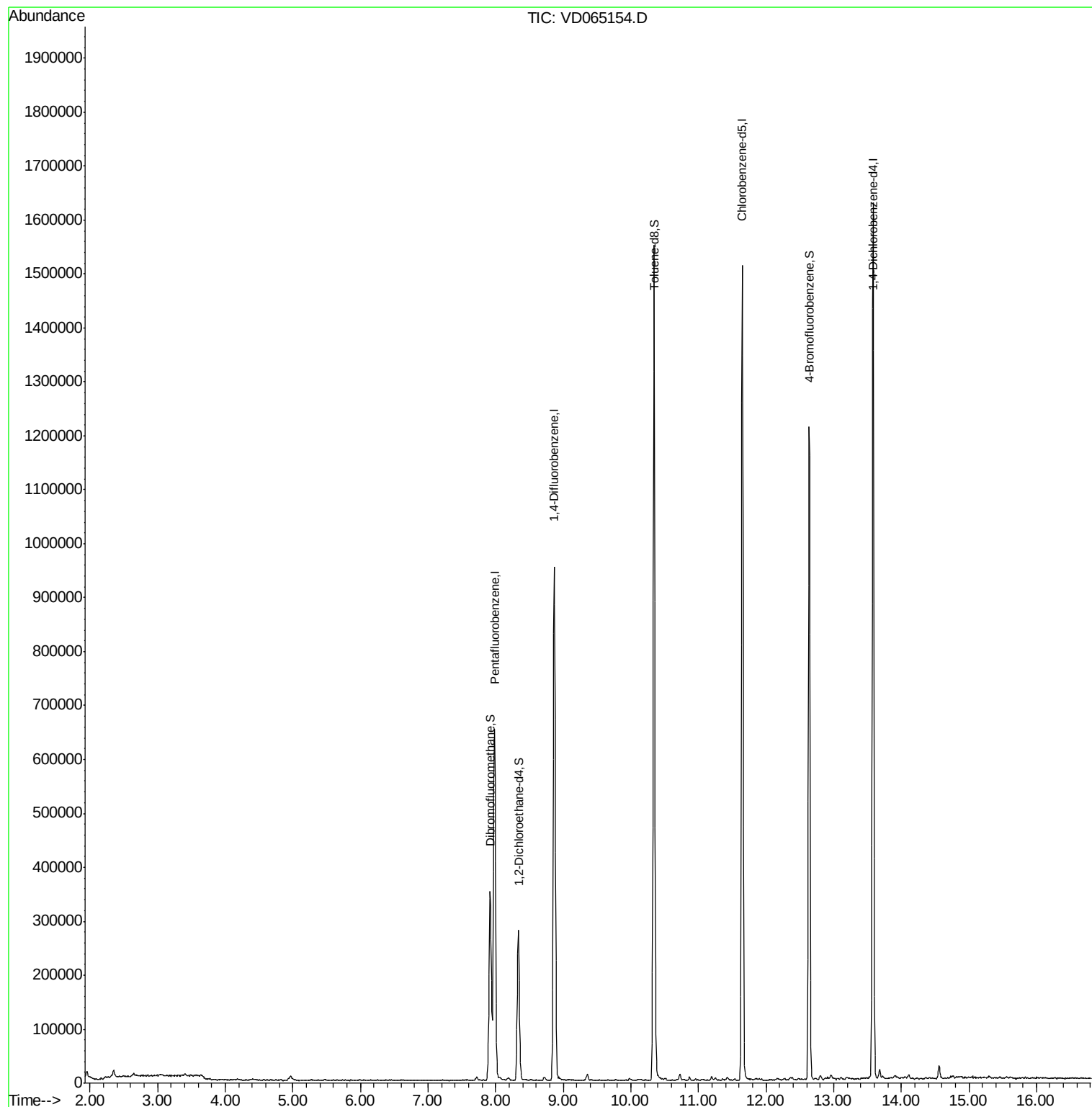
Target Compounds	Qvalue
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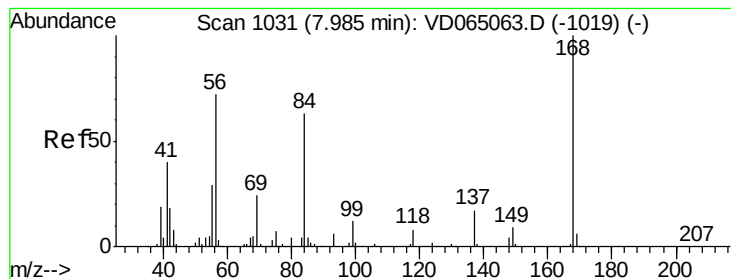
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021120\
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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: VD065154.D

Acq: 11 Feb 2020 19:59

Instrument :

MSVOA_D

ClientSampleId :

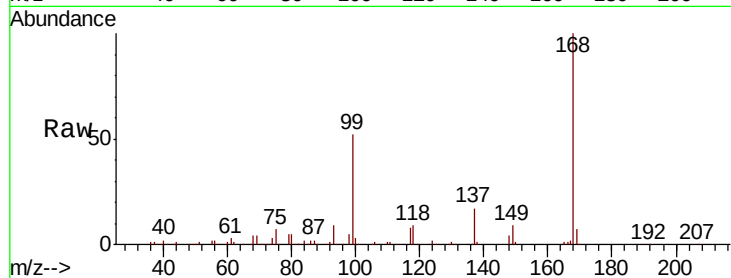
SB-2C-(8.5-10.5)

Tot Ion:168 Resp: 510313

Ion Ratio Lower Upper

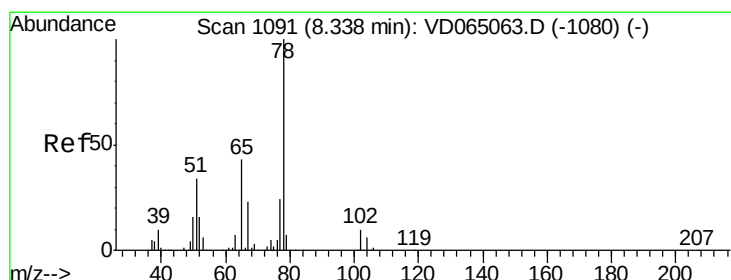
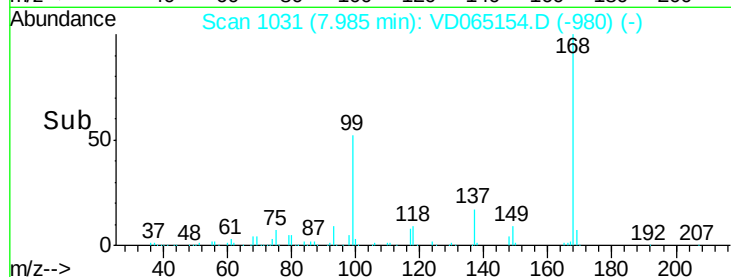
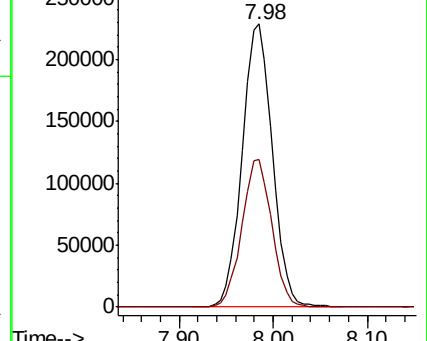
168 100

99 52.1 41.0 61.6



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: 52.931 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065154.D

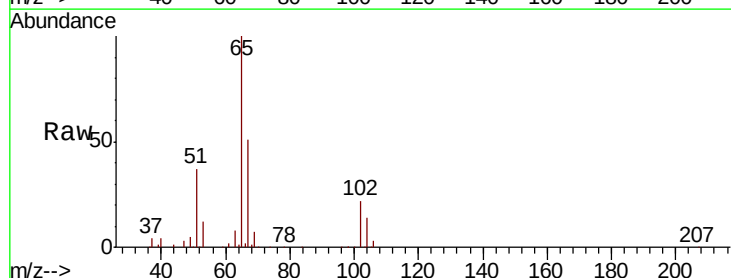
Acq: 11 Feb 2020 19:59

Tgt Ion: 65 Resp: 229575

Ion Ratio Lower Upper

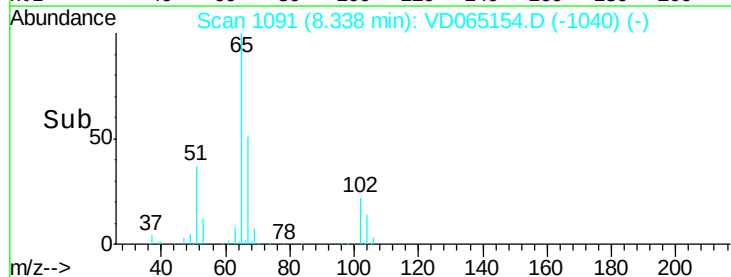
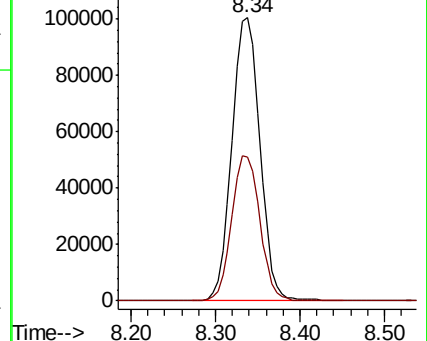
65 100

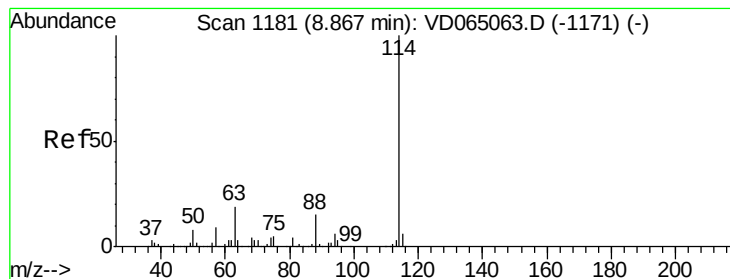
67 51.8 0.0 105.8



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# 1181

Delta R.T. -0.00 min

Lab File: VD065154.D

Acq: 11 Feb 2020 19:59

Instrument :

MSVOA_D

ClientSampleId :

SB-2C-(8.5-10.5)

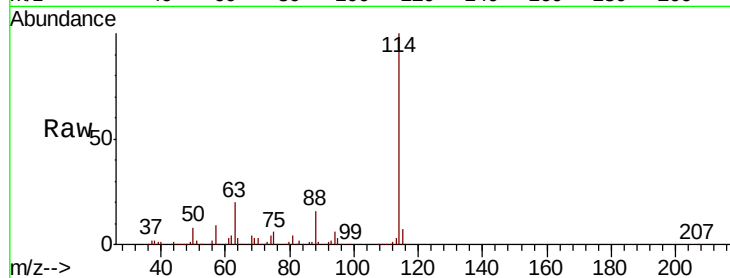
Tot Ion:114 Resp: 822456

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

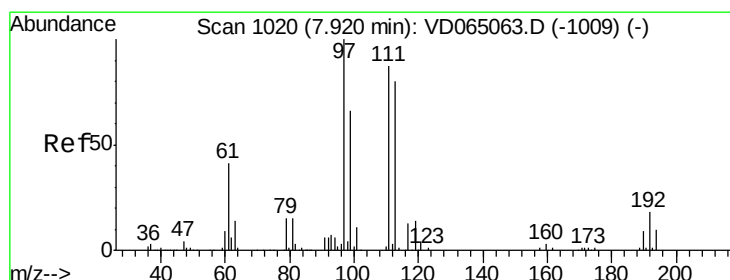
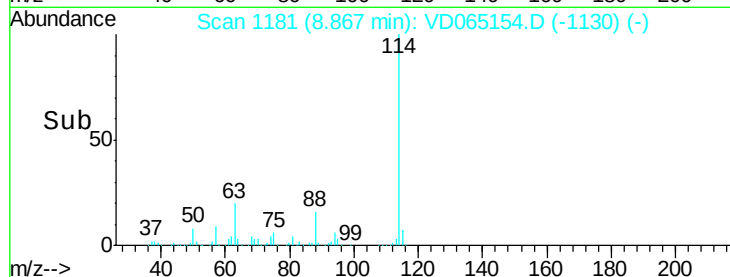
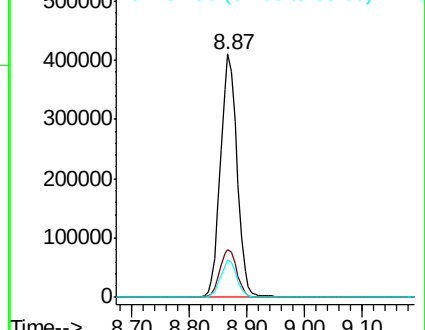
88 15.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 54.748 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065154.D

Acq: 11 Feb 2020 19:59

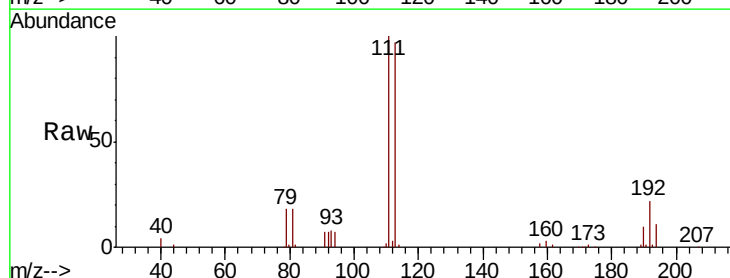
Tgt Ion:113 Resp: 251229

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

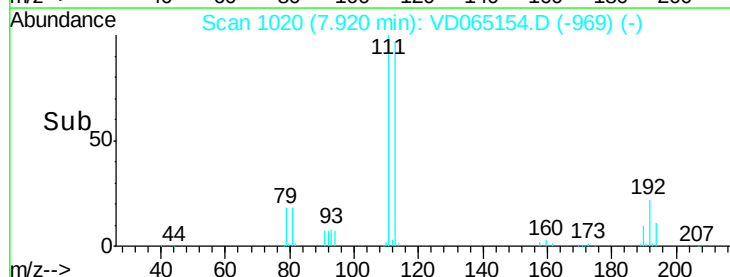
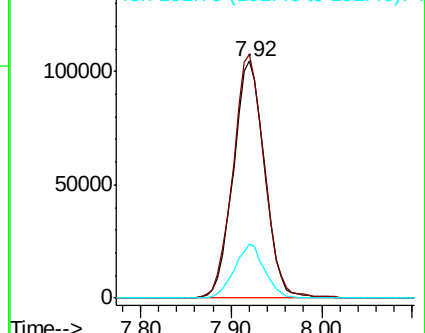
192 21.9 18.1 27.1

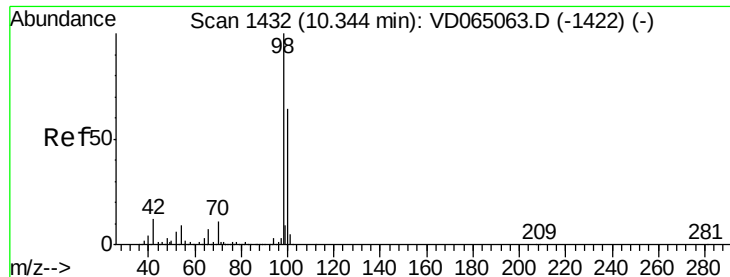


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.528 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065154.D

Acq: 11 Feb 2020 19:59

Instrument :

MSVOA_D

ClientSampleId :

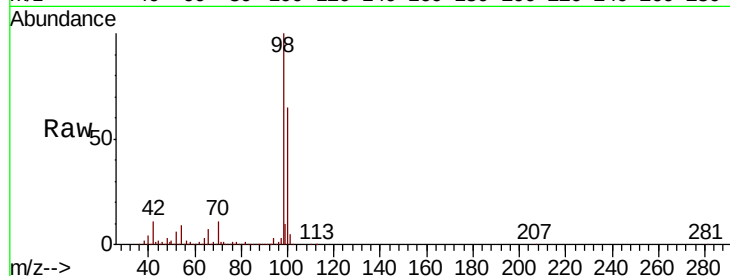
SB-2C-(8.5-10.5)

Tot Ion: 98 Resp: 1014214

Ion Ratio Lower Upper

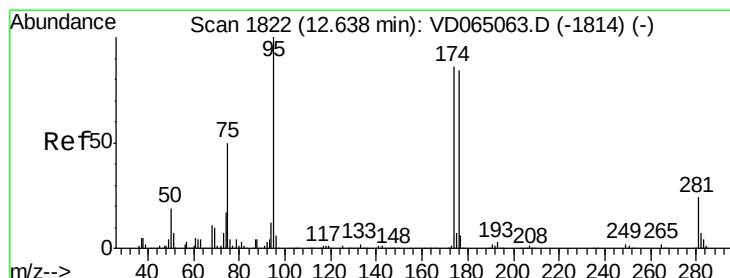
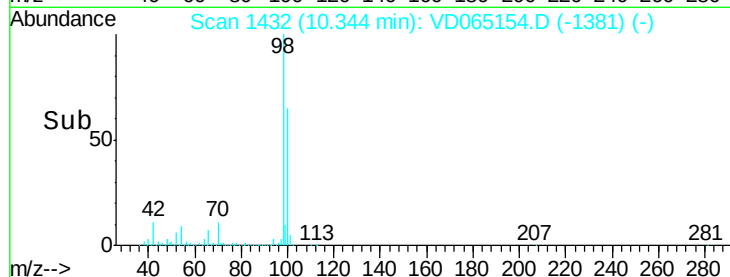
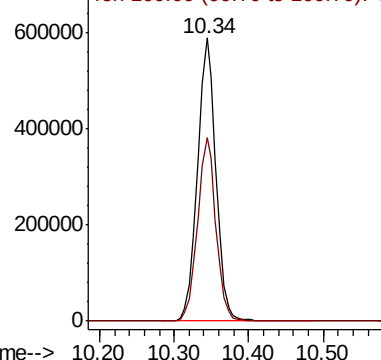
98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 66.090 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065154.D

Acq: 11 Feb 2020 19:59

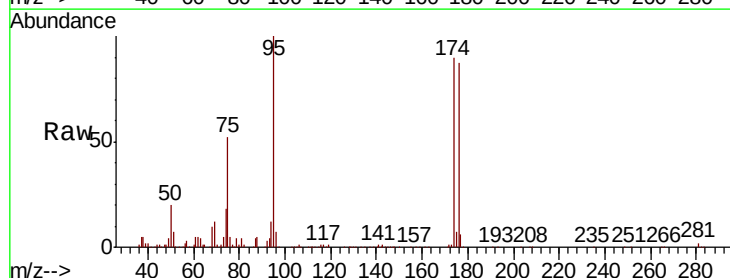
Tgt Ion: 95 Resp: 382488

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

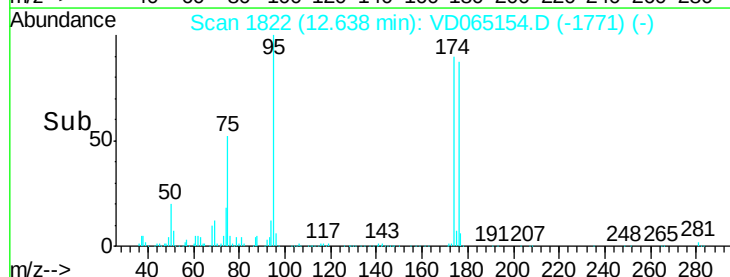
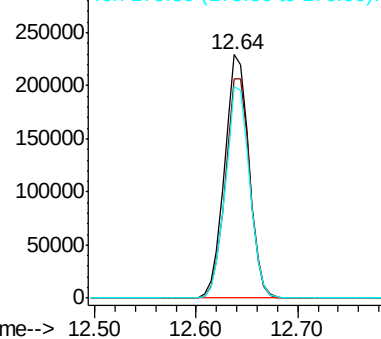
176 86.5 0.0 173.2

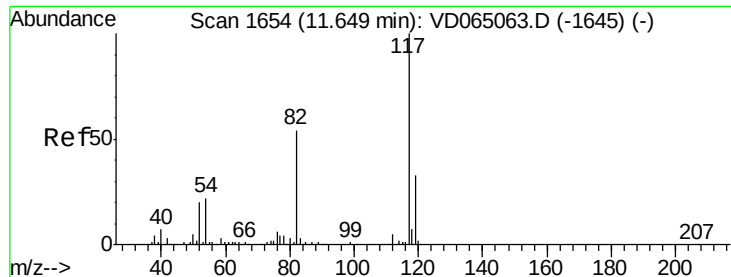


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

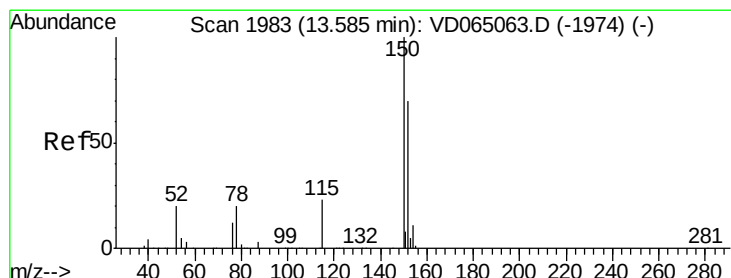
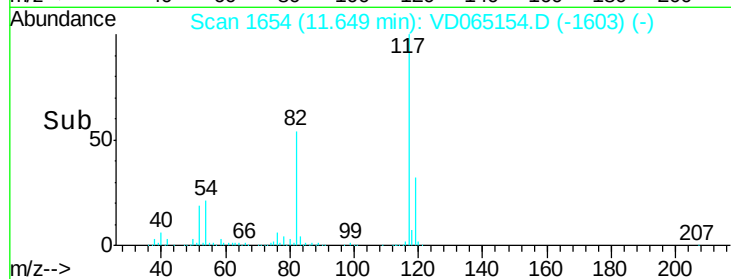
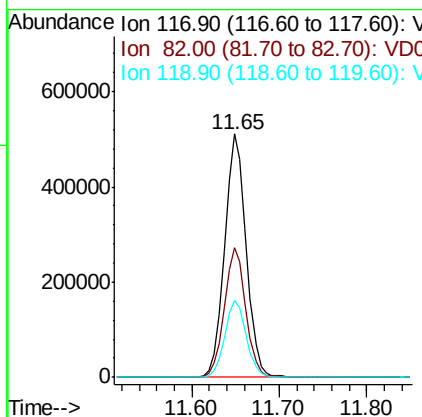
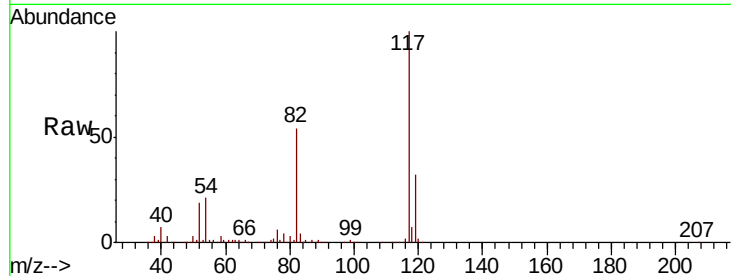




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065154.D
Acq: 11 Feb 2020 19:59

Instrument :
MSVOA_D
ClientSampleId :
SB-2C-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.1	64.7
119	31.9	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: VD065154.D
Acq: 11 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	156.6	0.0	343.2

