

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065936.D
 Acq On : 08 Jul 2020 12:59
 Operator : VA/SY
 Sample : VD0708SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBL01

Quant Time: Jul 09 01:30:15 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	384949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	618865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	572324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	174464	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.91	113	184223	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.34	98	651145	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	12.63	95	227894	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

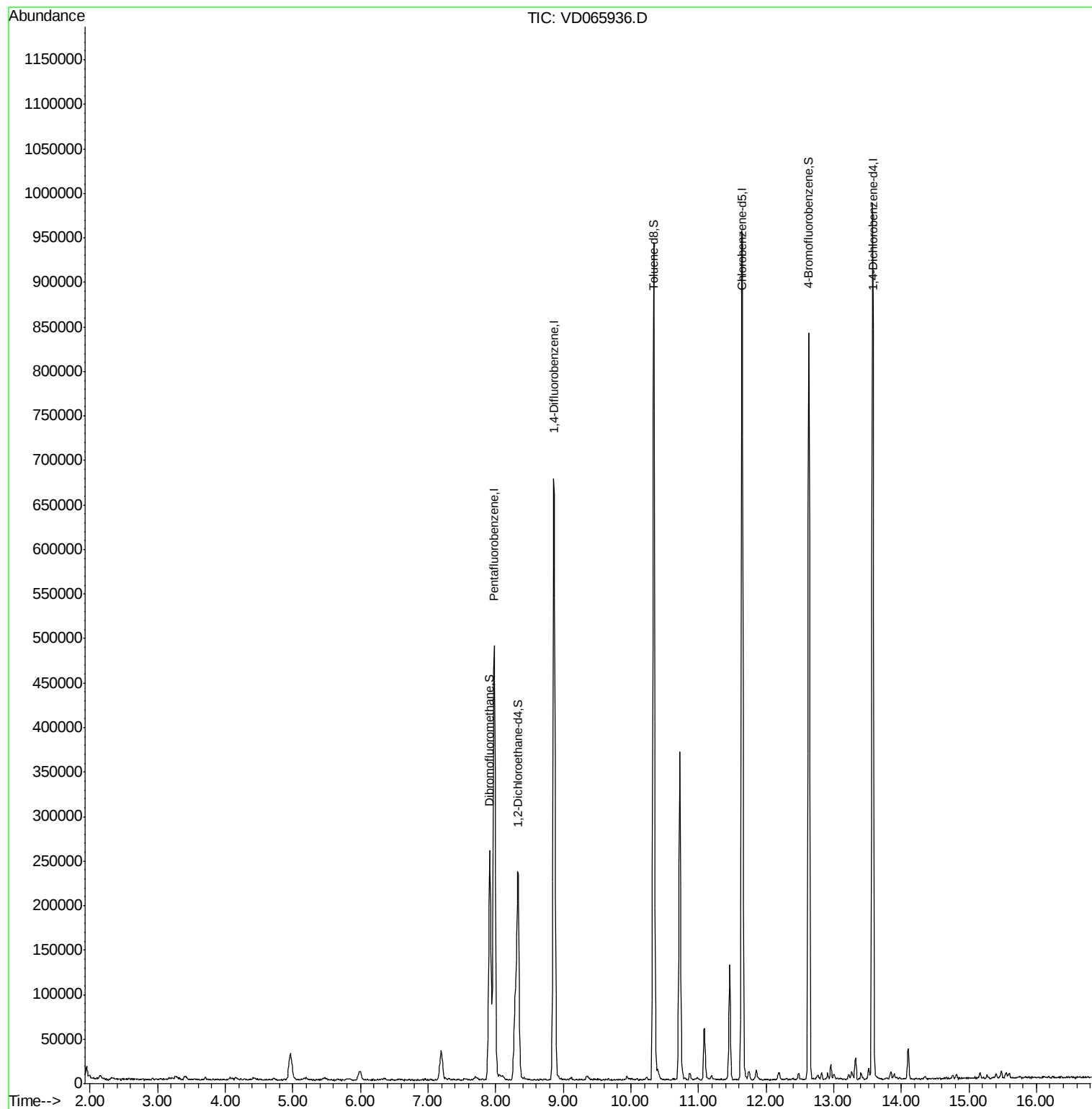
Target Compounds	Qvalue
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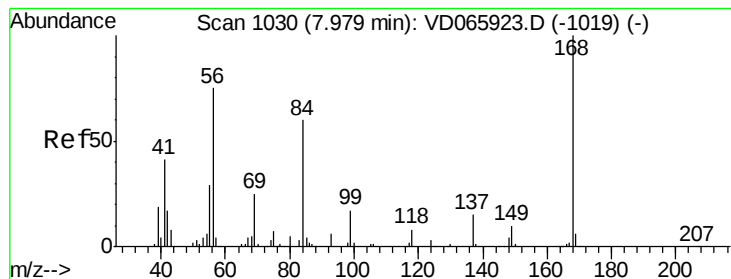
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065936.D

Acq: 08 Jul 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

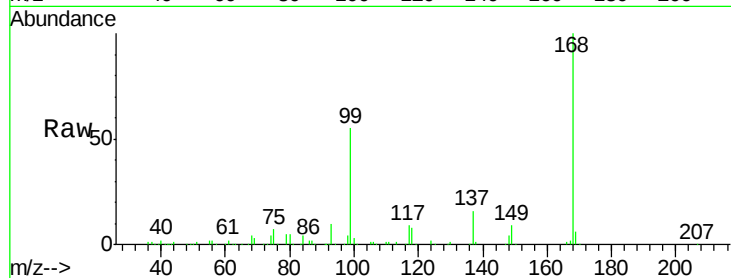
VD0708SBL01

Tot Ion:168 Resp: 384949

Ion Ratio Lower Upper

168 100

99 54.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

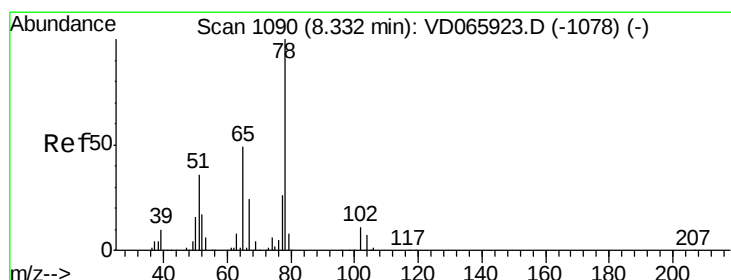
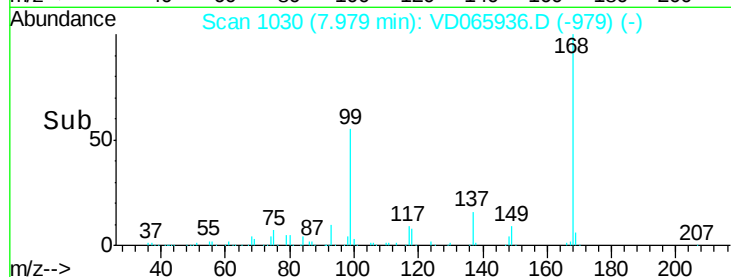
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.140 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD065936.D

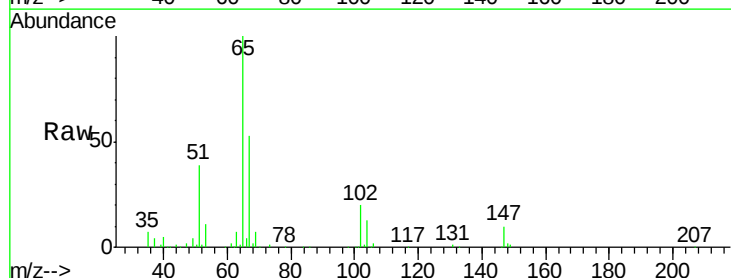
Acq: 08 Jul 2020 12:59

Tgt Ion: 65 Resp: 174464

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

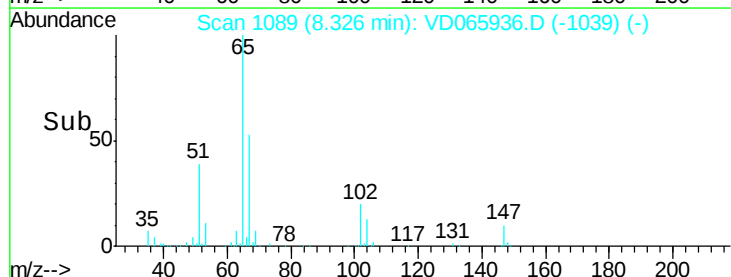
60000

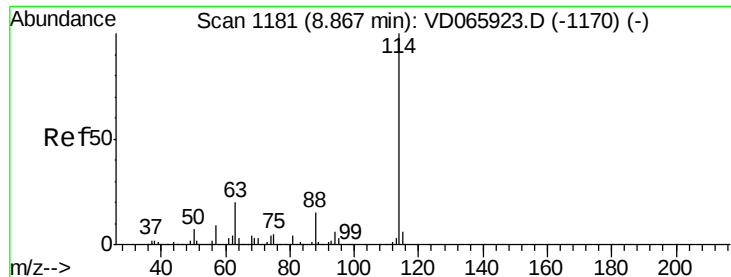
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065936.D

Acq: 08 Jul 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

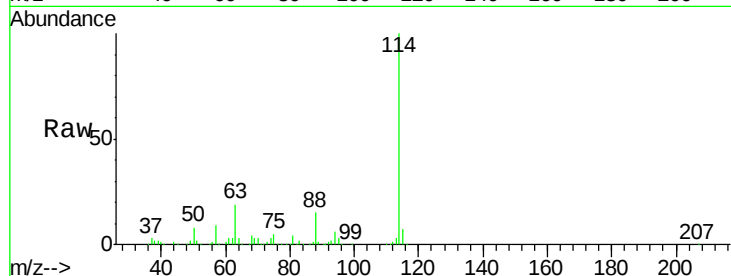
Tot Ion:114 Resp: 618865

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

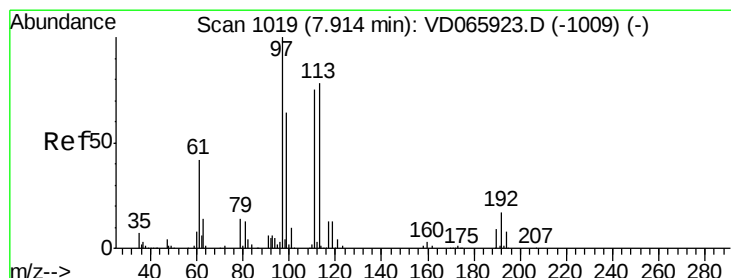
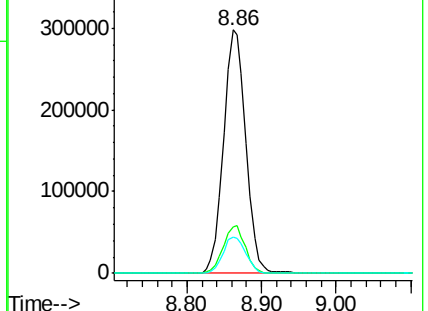
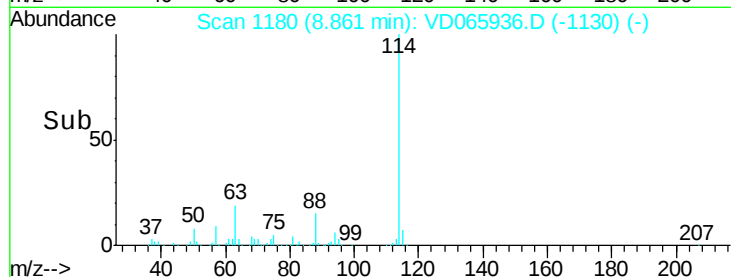
88 14.9 0.0 30.0



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: 48.255 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD065936.D

Acq: 08 Jul 2020 12:59

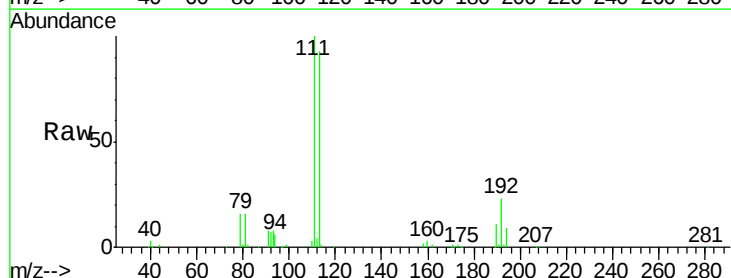
Tgt Ion:113 Resp: 184223

Ion Ratio Lower Upper

113 100

111 102.9 80.9 121.3

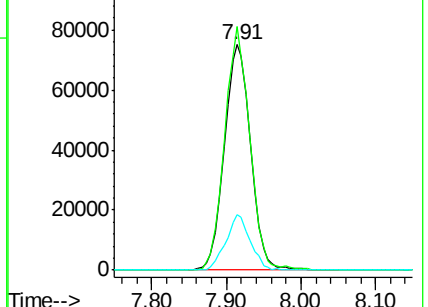
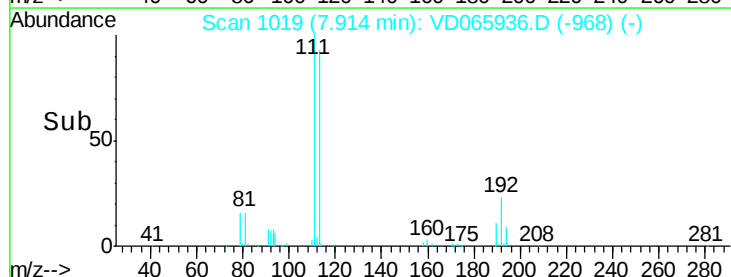
192 22.7 17.1 25.7

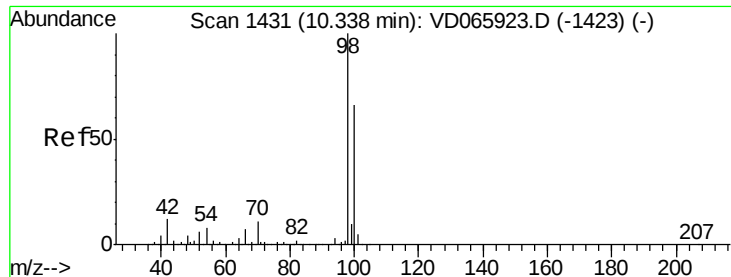


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

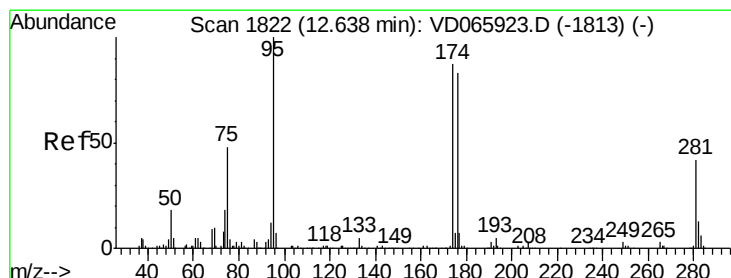
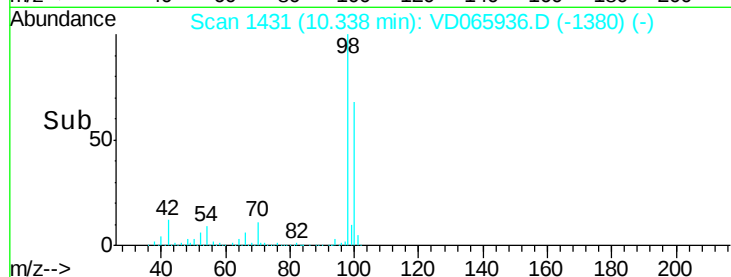
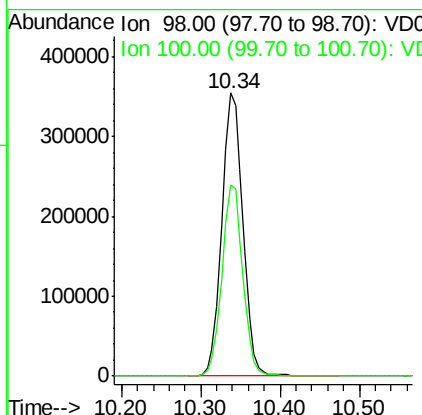
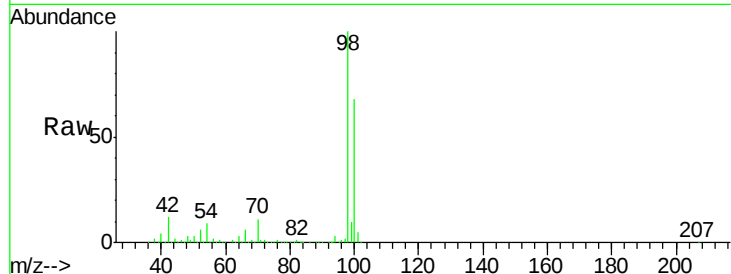




#50
Toluene-d8
Concen: 46.746 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065936.D
Acq: 08 Jul 2020 12:59

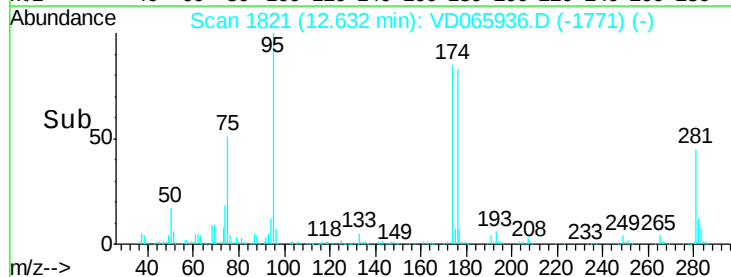
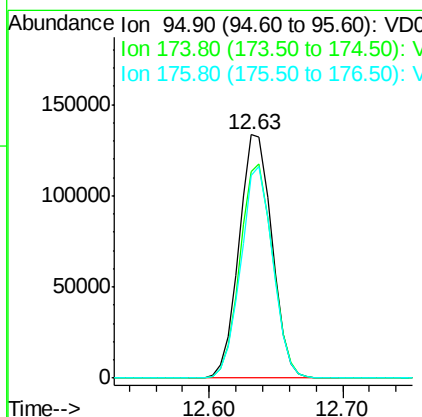
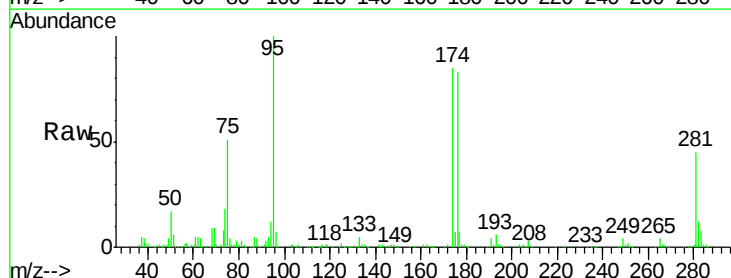
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

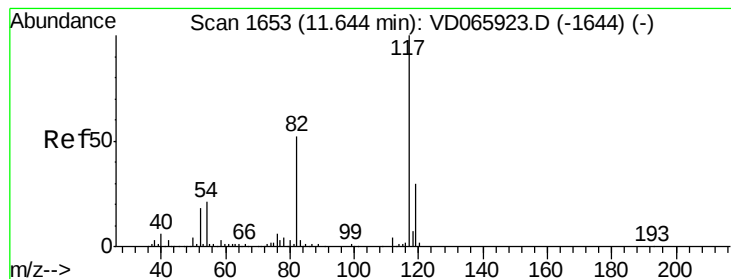
Tot Ion: 98 Resp: 651145
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.642 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065936.D
Acq: 08 Jul 2020 12:59

Tgt Ion: 95 Resp: 227894
Ion Ratio Lower Upper
95 100
174 87.2 0.0 169.4
176 83.8 0.0 164.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD065936.D

Acq: 08 Jul 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

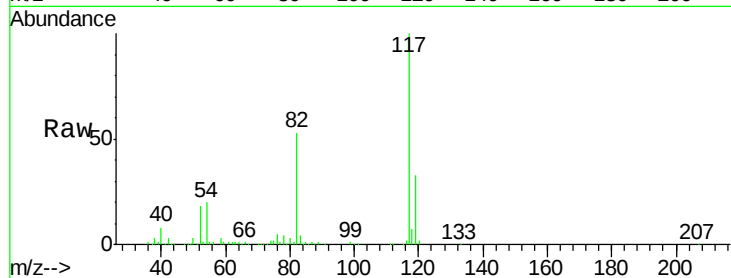
Tot Ion:117 Resp: 572324

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

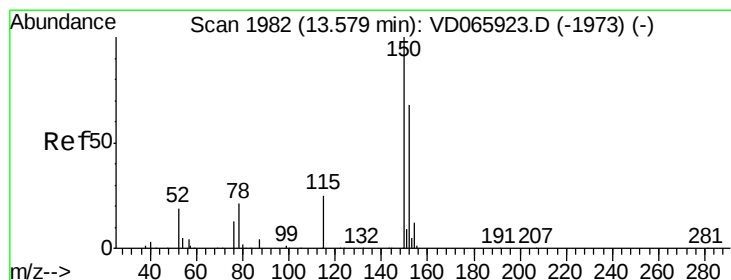
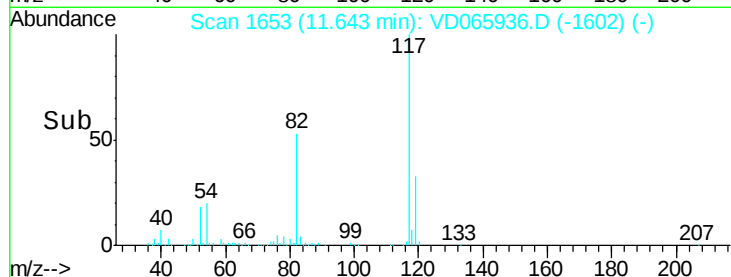
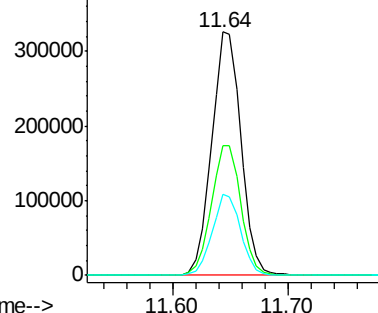
119 33.1 24.3 36.5



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# 1982

Delta R.T. -0.00 min

Lab File: VD065936.D

Acq: 08 Jul 2020 12:59

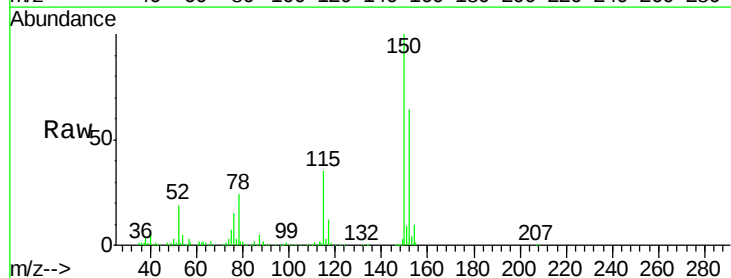
Tgt Ion:152 Resp: 271172

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

150 157.5 0.0 347.2



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

