

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065233.D
 Acq On : 19 Feb 2020 12:25
 Operator : VA/SY
 Sample : VD0219SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBL01

Quant Time: Feb 20 04:19:11 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	563381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	913725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	887452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	412914	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	254567	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.92	113	283931	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.34	98	1105588	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.64	95	374296	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

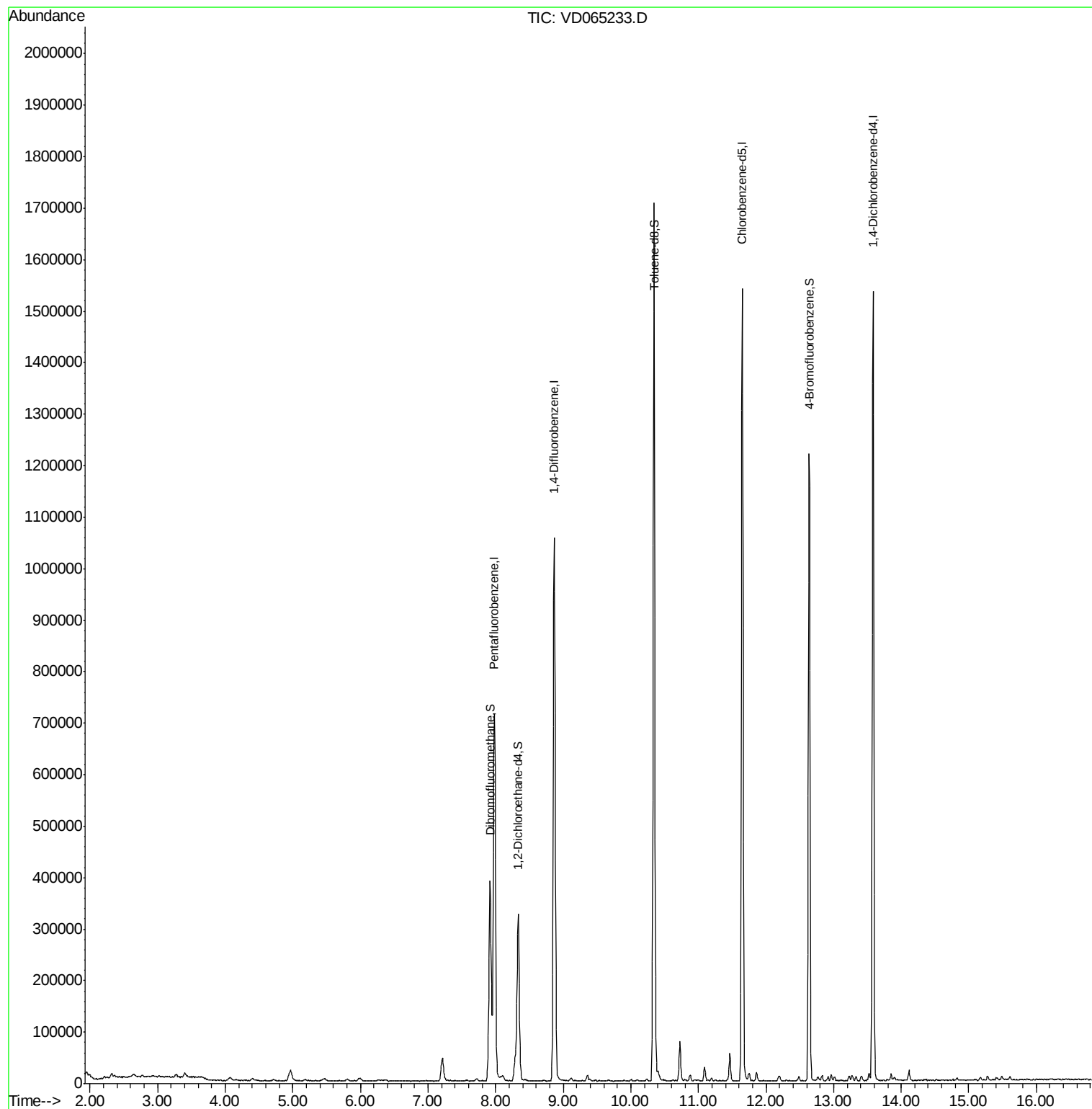
Target Compounds	Qvalue

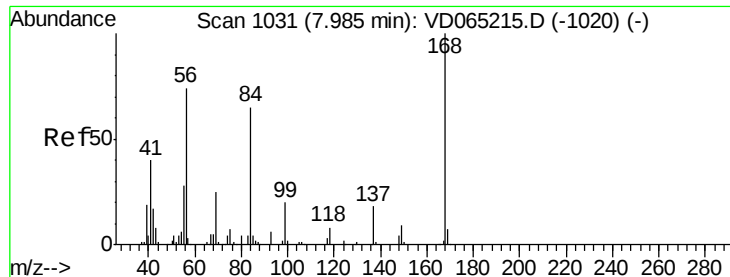
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021920\
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QLast Update : Wed Feb 19 03:26:54 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065233.D

Acq: 19 Feb 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

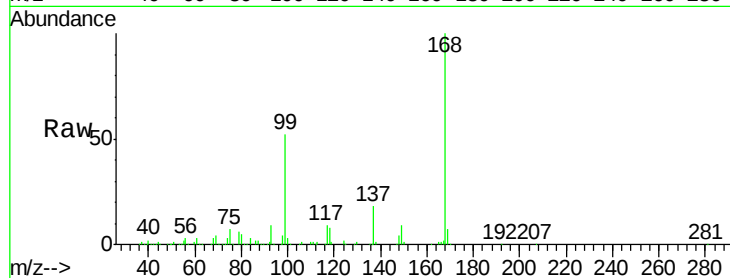
VD0219SBL01

Tot Ion:168 Resp: 563381

Ion Ratio Lower Upper

168 100

99 51.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

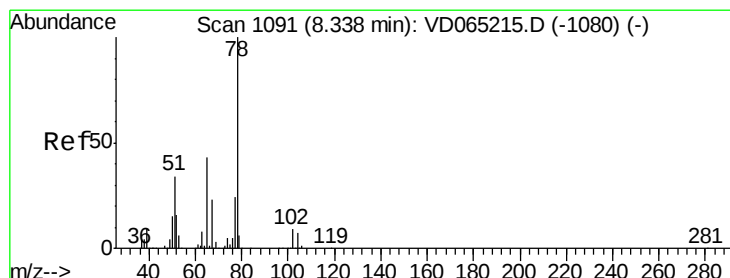
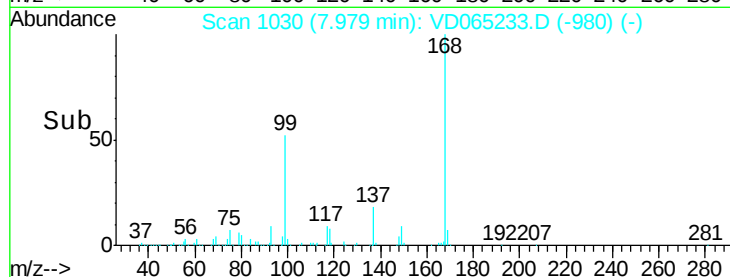
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.228 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065233.D

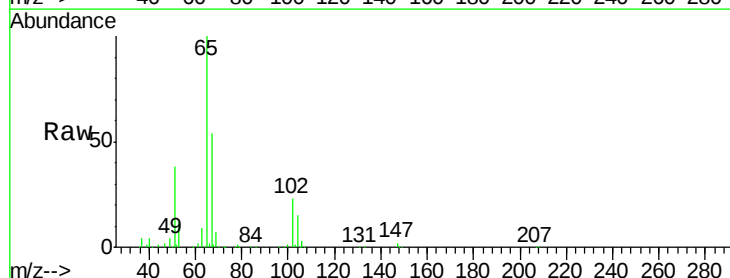
Acq: 19 Feb 2020 12:25

Tgt Ion: 65 Resp: 254567

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

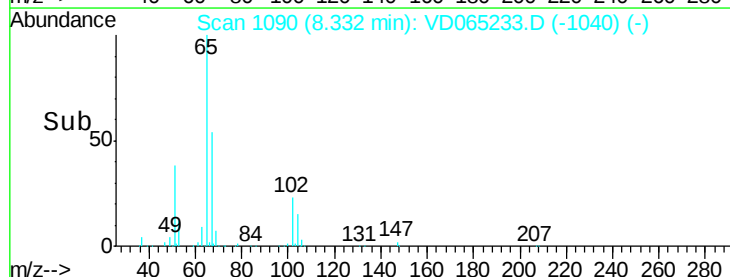
60000

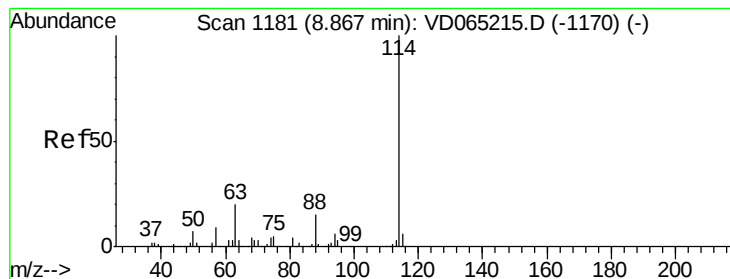
40000

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: VD065233.D

Acq: 19 Feb 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBL01

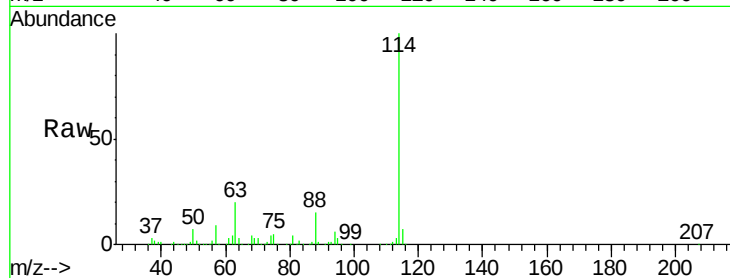
Tot Ion:114 Resp: 913725

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

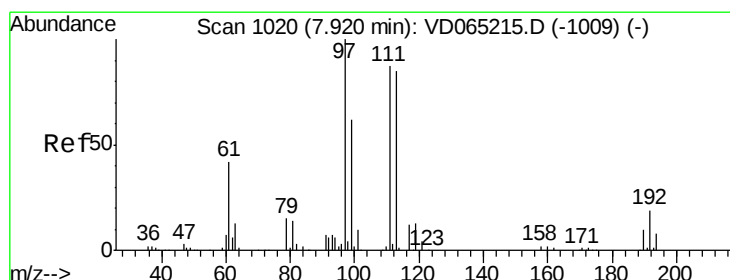
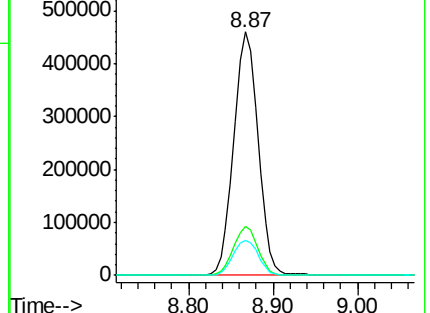
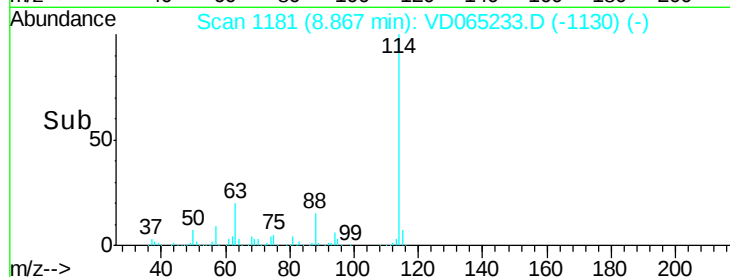
88 14.6 0.0 30.4



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: 50.963 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065233.D

Acq: 19 Feb 2020 12:25

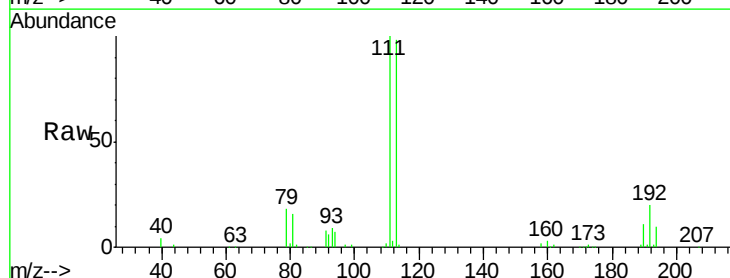
Tgt Ion:113 Resp: 283931

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

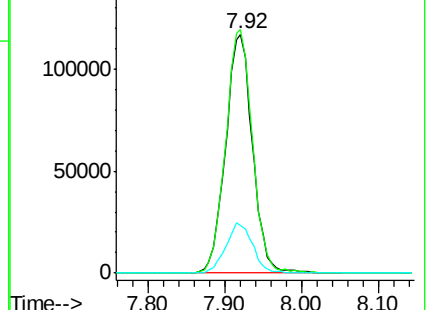
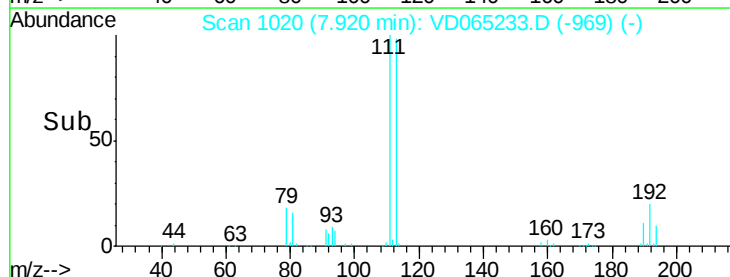
192 20.8 17.3 25.9



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: 51.909 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065233.D

Acq: 19 Feb 2020 12:25

Instrument :

MSVOA_D

ClientSampleId :

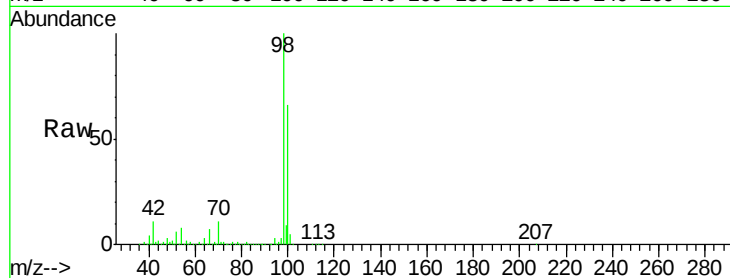
VD0219SBL01

Tot Ion: 98 Resp: 1105588

Ion Ratio Lower Upper

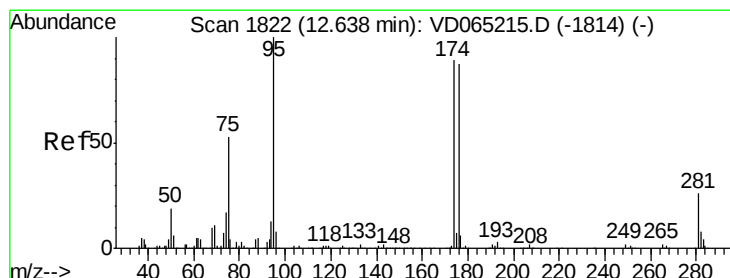
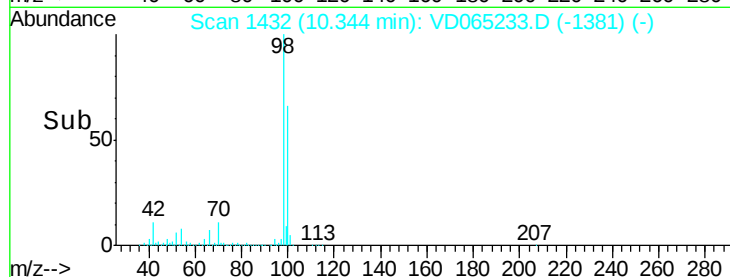
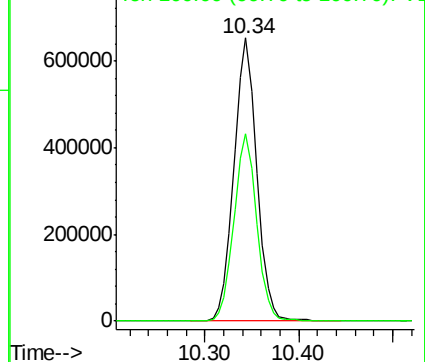
98 100

100 65.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.474 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065233.D

Acq: 19 Feb 2020 12:25

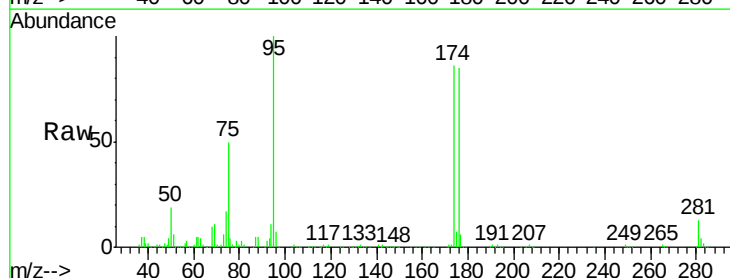
Tgt Ion: 95 Resp: 374296

Ion Ratio Lower Upper

95 100

174 86.8 0.0 178.0

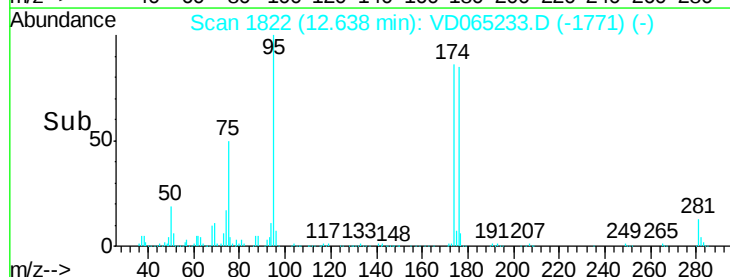
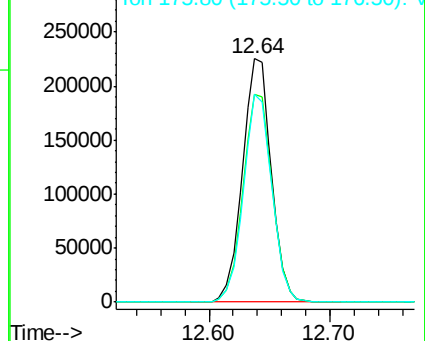
176 84.3 0.0 174.4

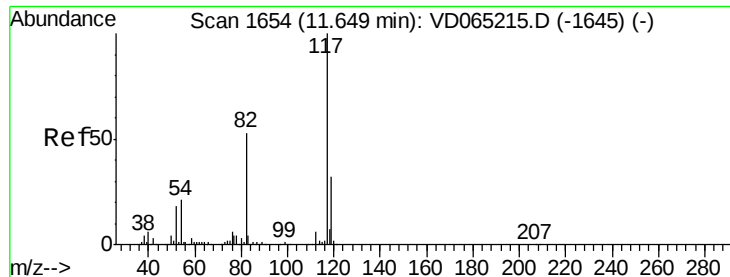


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

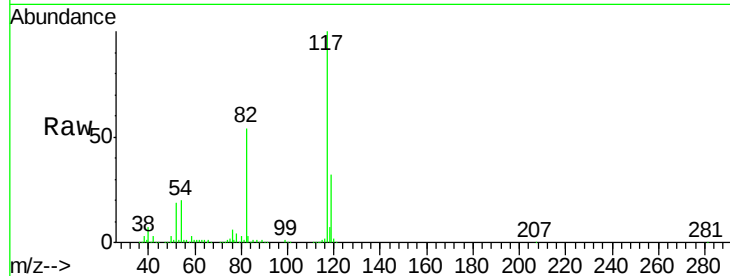




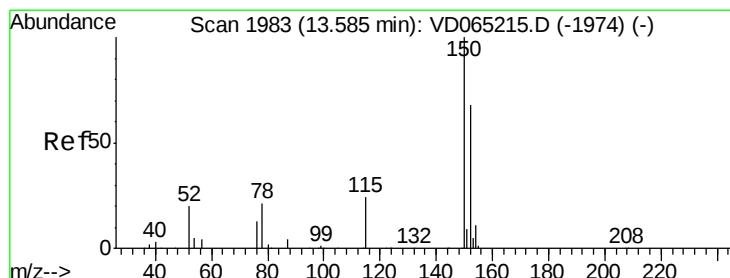
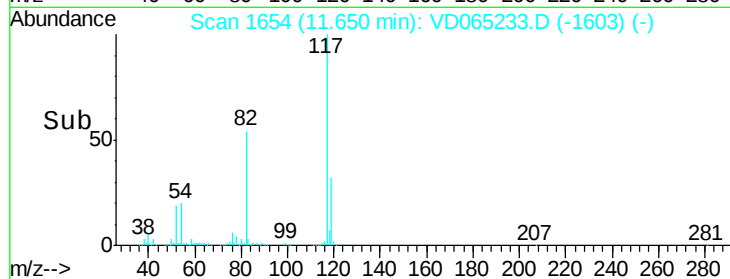
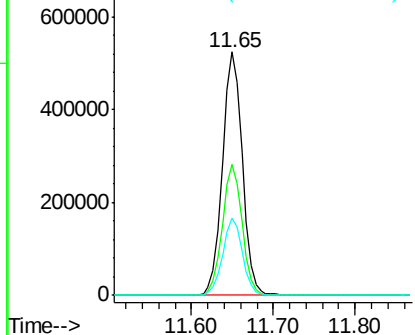
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065233.D
Acq: 19 Feb 2020 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBL01

Tot Ion:117 Resp: 887452
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 31.7 25.5 38.3

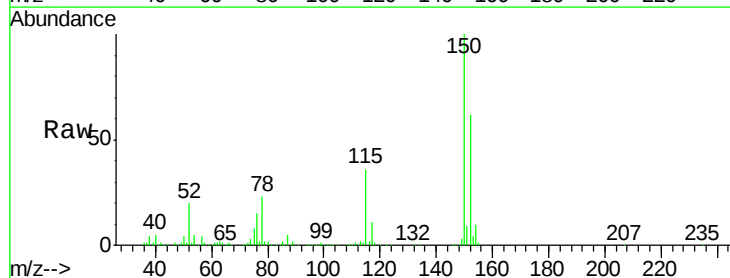


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065233.D
Acq: 19 Feb 2020 12:25

Tgt Ion:152 Resp: 412914
Ion Ratio Lower Upper
152 100
115 56.1 27.6 82.8
150 158.6 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

