

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065358.D
 Acq On : 28 Feb 2020 14:53
 Operator : VA/SY
 Sample : L1740-04
 Misc : 8.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-09-022720

Quant Time: Feb 28 16:47:41 2020
 Quant Method : Z:\V0ASRV\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	586190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	978113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	879254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	399078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	297115	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.92	113	313967	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.34	98	1180500	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.64	95	353245	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

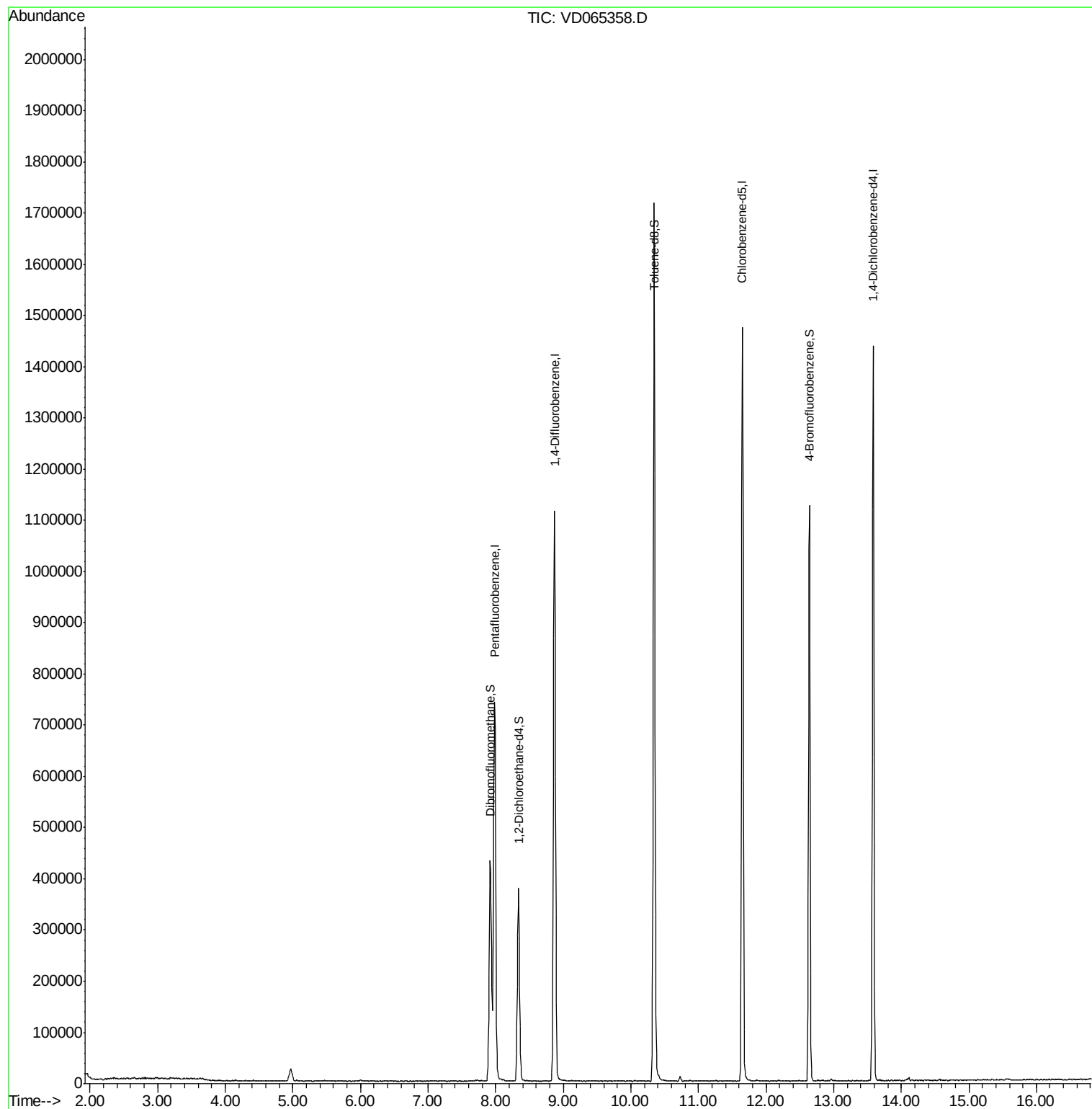
Target Compounds	Qvalue

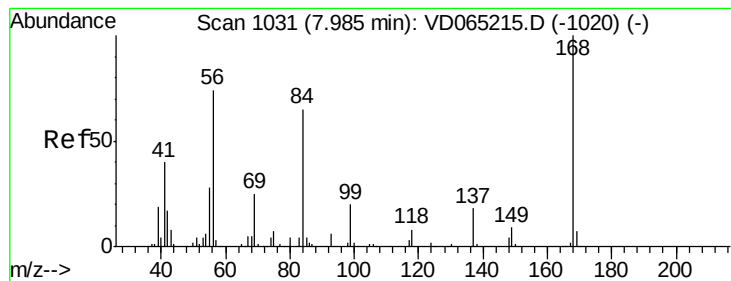
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065358.D

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MSVOA_D

ClientSampleId :

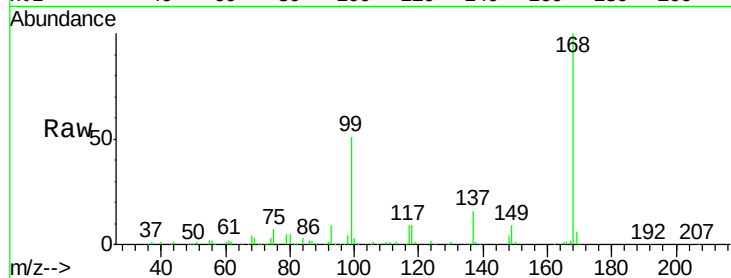
GP-09-022720

Tot Ion:168 Resp: 586190

Ion Ratio Lower Upper

168 100

99 51.2 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

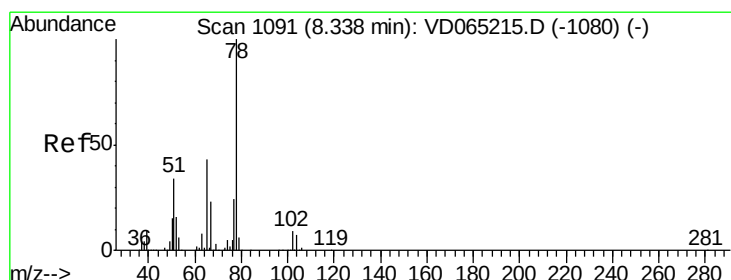
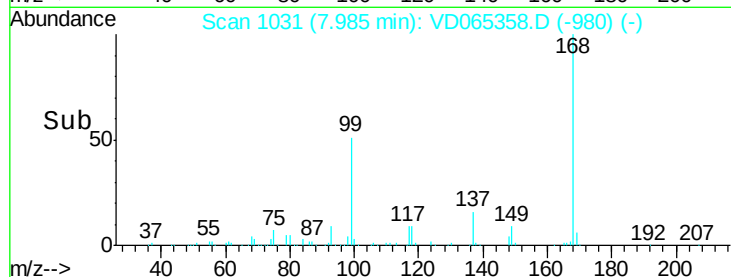
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.342 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065358.D

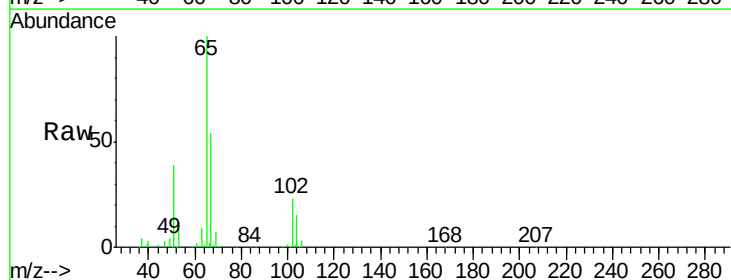
Acq: 28 Feb 2020 14:53

Tgt Ion: 65 Resp: 297115

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

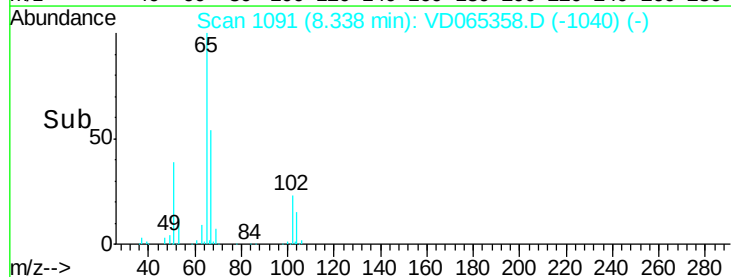
150000

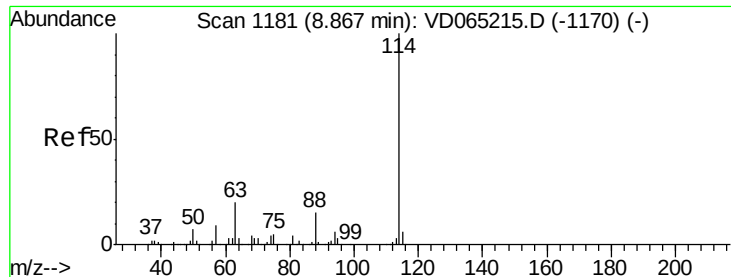
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065358.D

Acq: 28 Feb 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

GP-09-022720

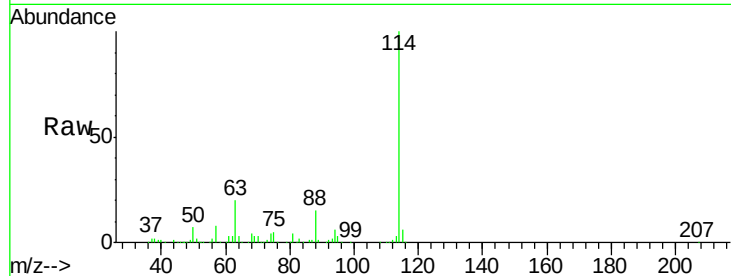
Tot Ion:114 Resp: 978113

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

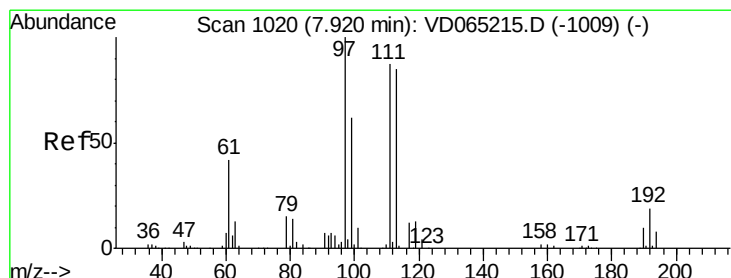
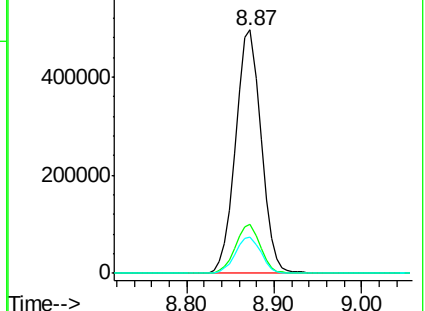
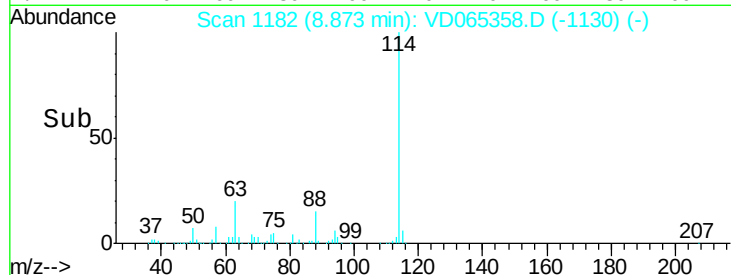
88 14.7 0.0 30.4



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: 52.644 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065358.D

Acq: 28 Feb 2020 14:53

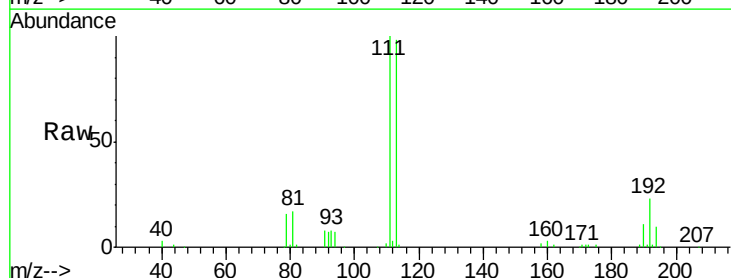
Tgt Ion:113 Resp: 313967

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

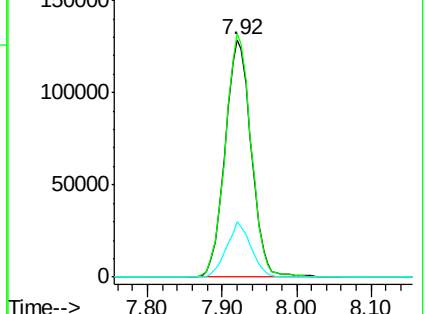
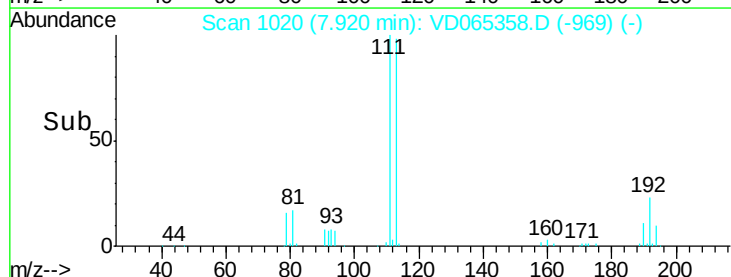
192 21.7 17.3 25.9

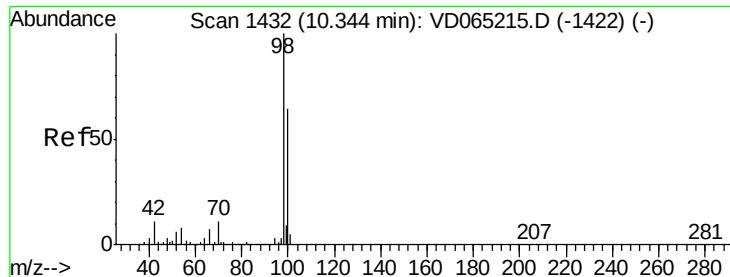


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.777 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065358.D

Acq: 28 Feb 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

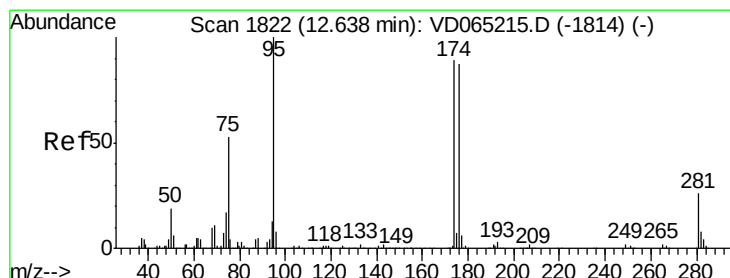
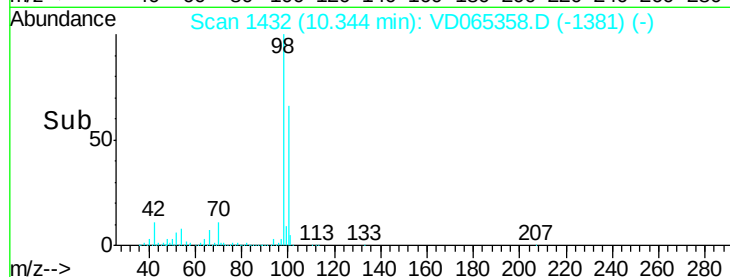
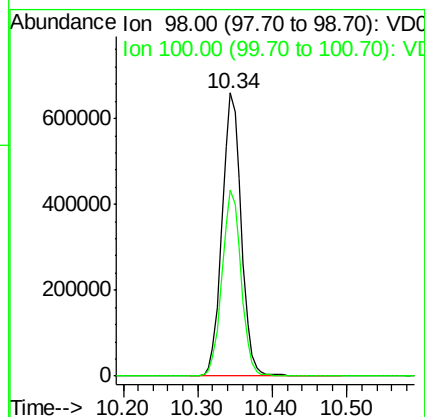
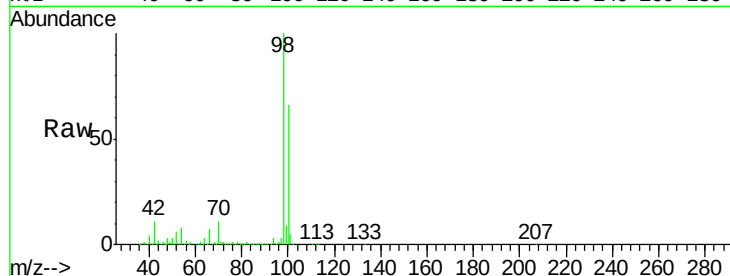
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Tot Ion: 98 Resp: 1180500

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.907 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065358.D

Acq: 28 Feb 2020 14:53

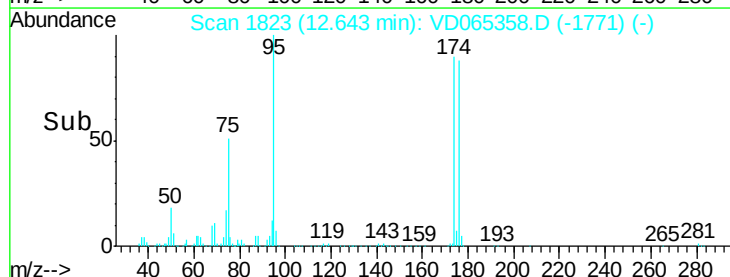
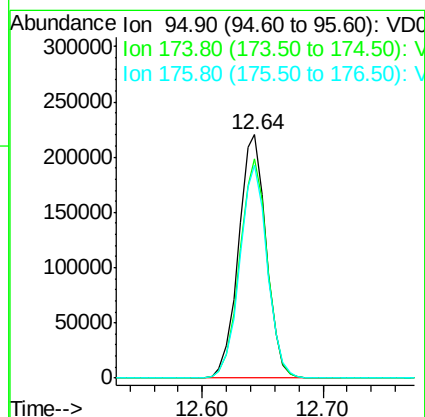
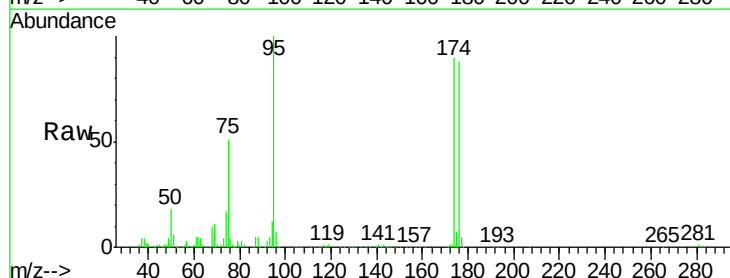
Tgt Ion: 95 Resp: 353245

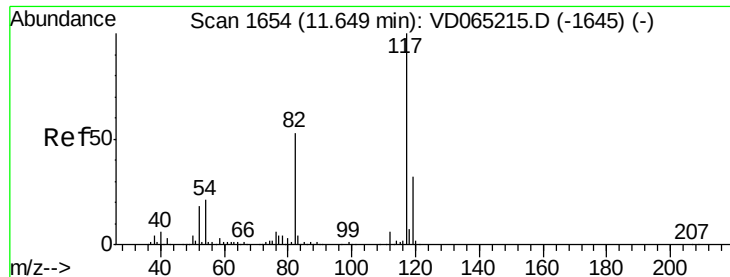
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.0

176 86.6 0.0 174.4

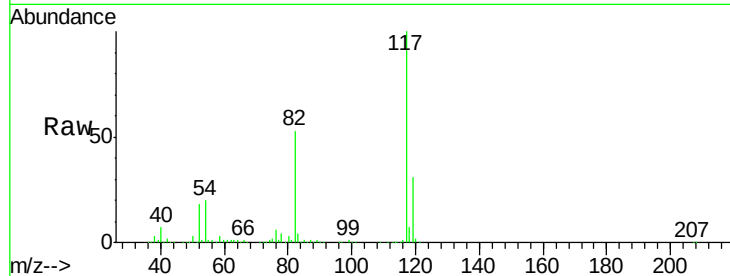




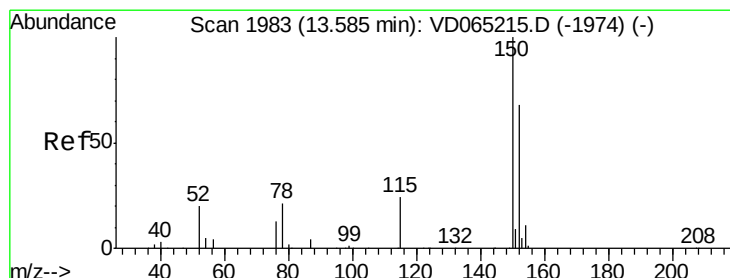
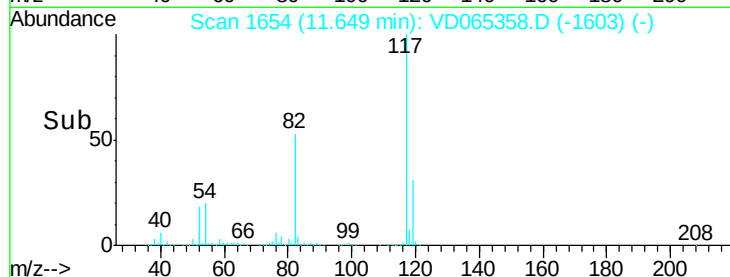
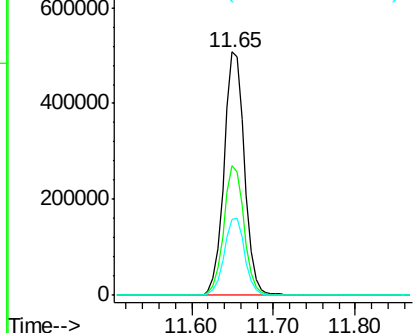
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065358.D
Acq: 28 Feb 2020 14:53

Instrument :
MSVOA_D
ClientSampleId :
GP-09-022720

Tot Ion:117 Resp: 879254
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.3 25.5 38.3

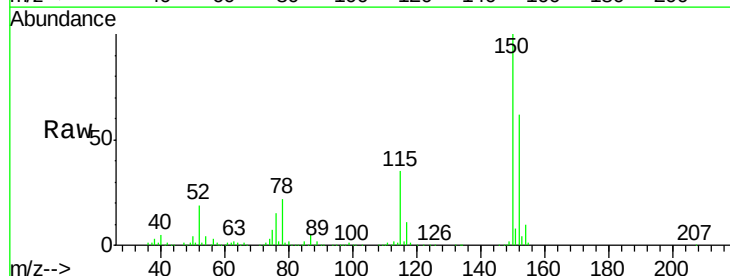


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065358.D
Acq: 28 Feb 2020 14:53

Tgt Ion:152 Resp: 399078
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 158.4 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

