

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065645.D
 Acq On : 17 Apr 2020 15:29
 Operator : VA/SY
 Sample : L2337-13
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB180-378-380

Quant Time: Apr 20 07:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	187376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	287277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	287088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126724	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	96381	60.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.94%	
35) Dibromofluoromethane	7.92	113	98546	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	10.34	98	349328	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.64	95	120940	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	

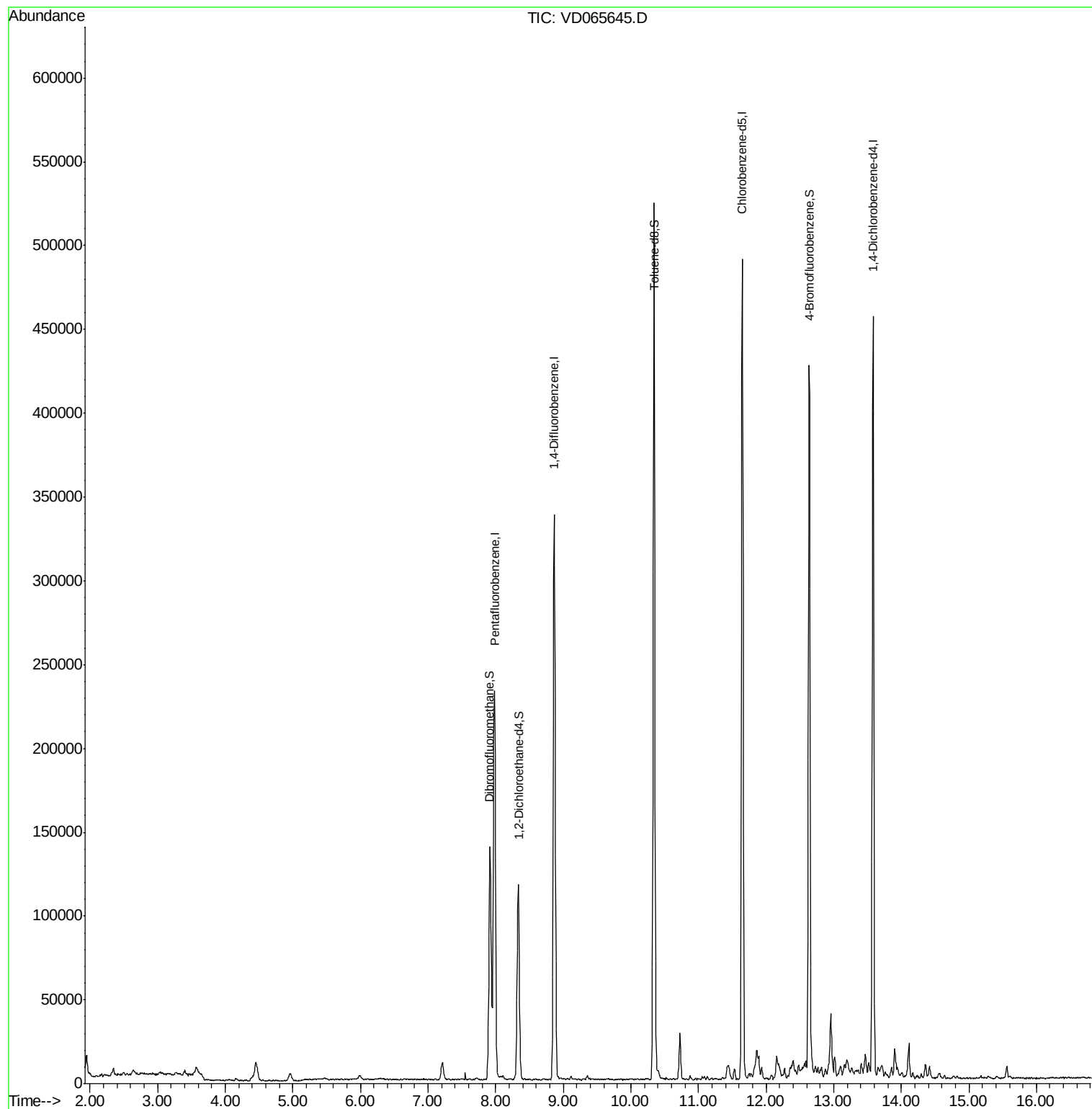
Target Compounds	Qvalue

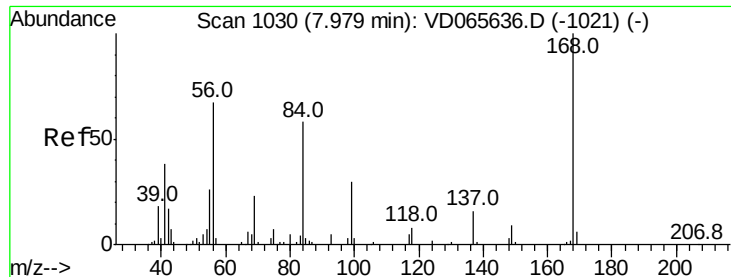
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065645.D

Acq: 17 Apr 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

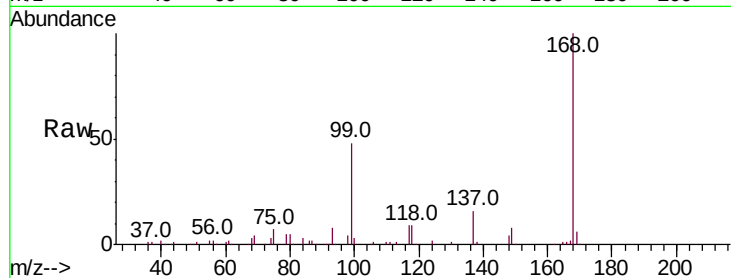
BP-VPB180-378-380

Tot Ion:168 Resp: 187376

Ion Ratio Lower Upper

168 100

99 48.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

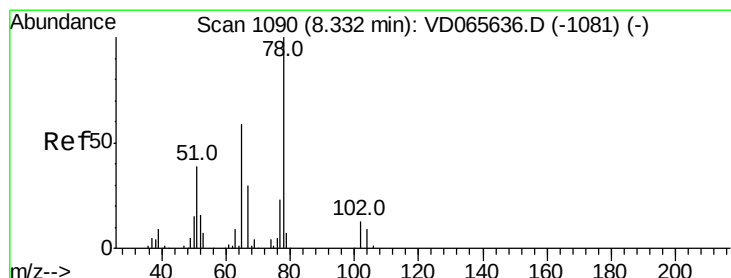
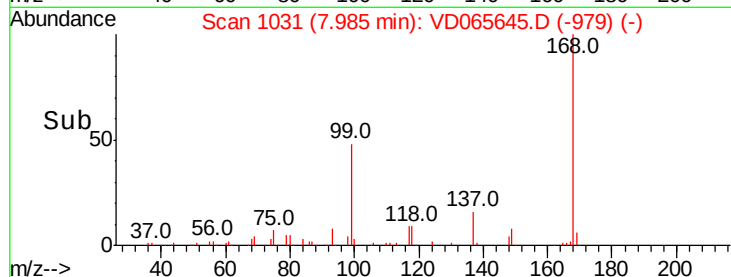
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.466 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065645.D

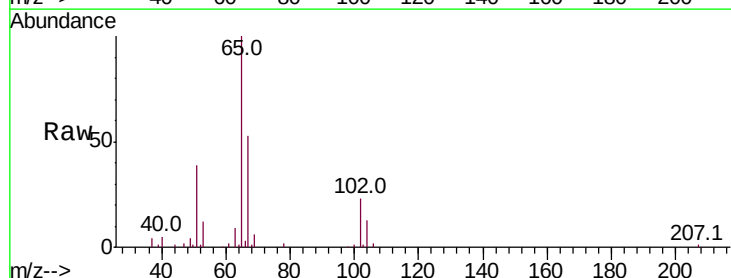
Acq: 17 Apr 2020 15:29

Tgt Ion: 65 Resp: 96381

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

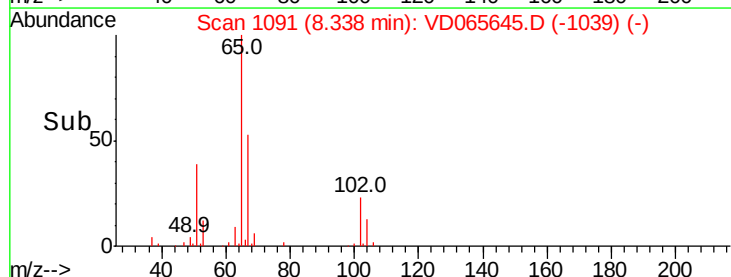
20000

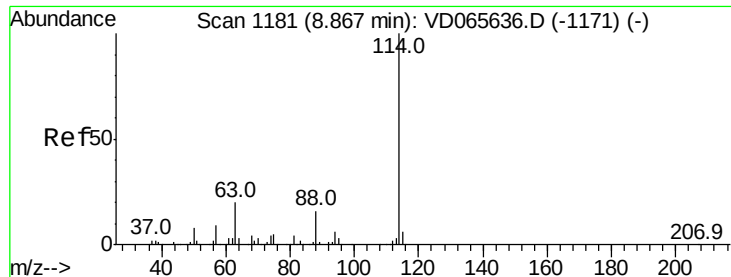
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065645.D

Acq: 17 Apr 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB180-378-380

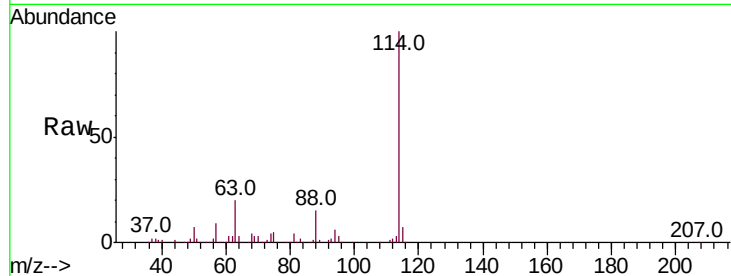
Tot Ion:114 Resp: 287277

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

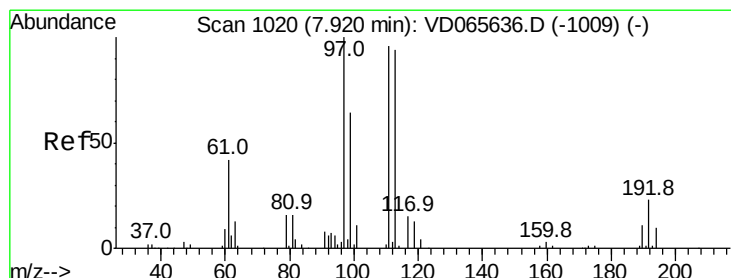
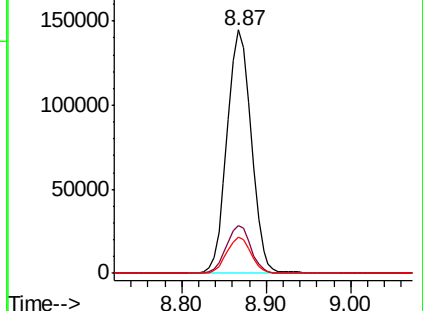
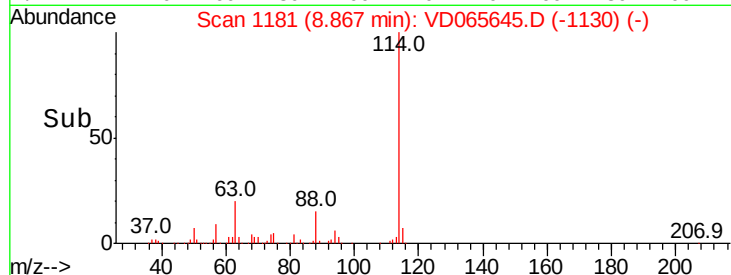
88 15.1 0.0 31.6



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: 55.117 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065645.D

Acq: 17 Apr 2020 15:29

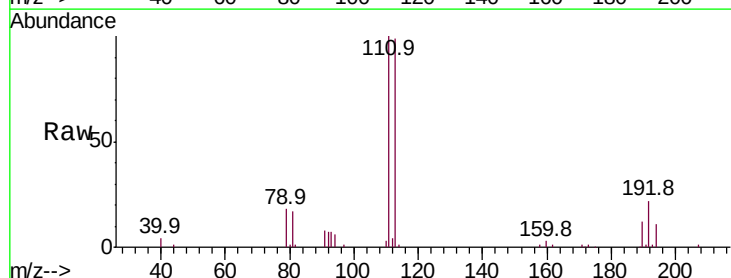
Tgt Ion:113 Resp: 98546

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

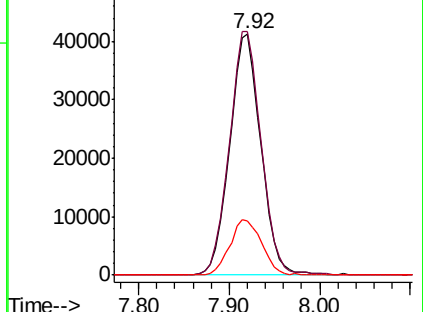
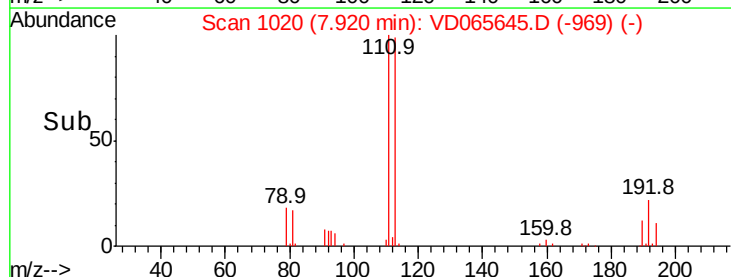
192 23.4 18.9 28.3

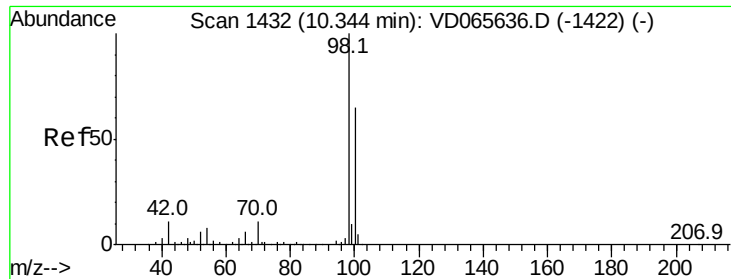


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.001 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065645.D

Acq: 17 Apr 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

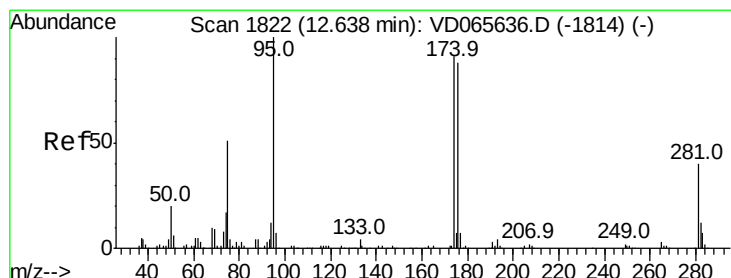
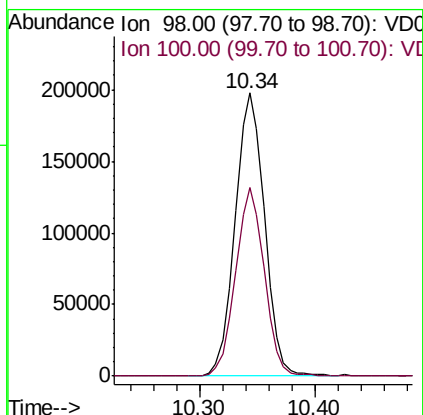
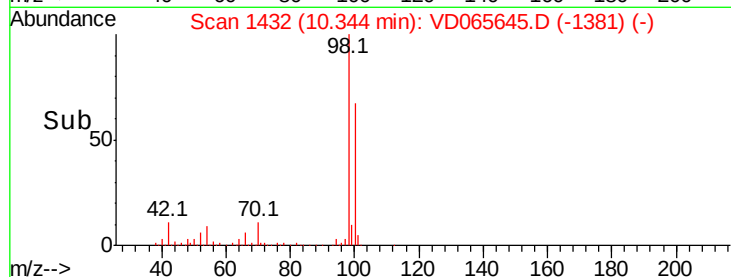
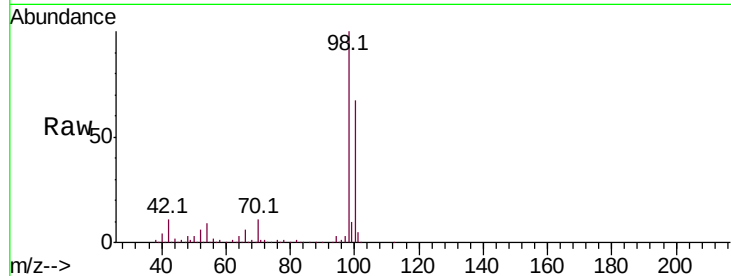
BP-VPB180-378-380

Tot Ion: 98 Resp: 349328

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 55.145 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065645.D

Acq: 17 Apr 2020 15:29

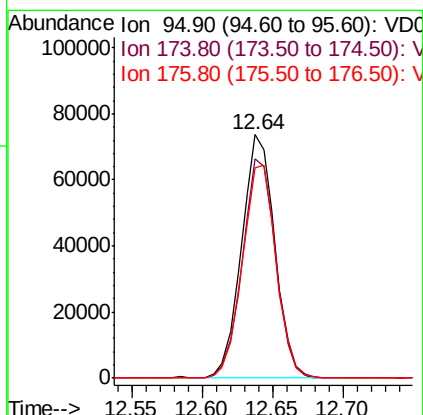
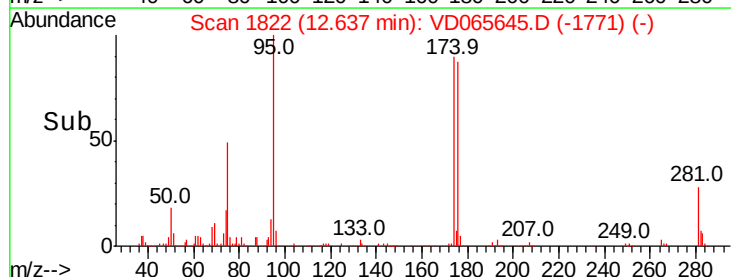
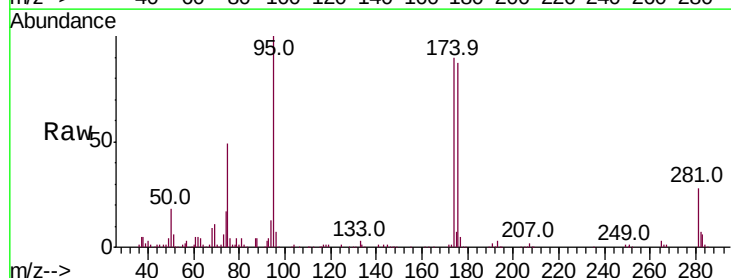
Tgt Ion: 95 Resp: 120940

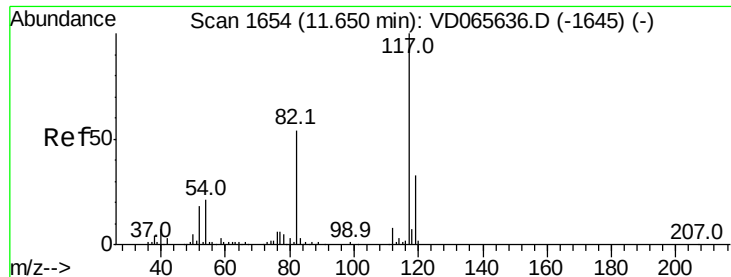
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.8

176 89.2 0.0 181.4

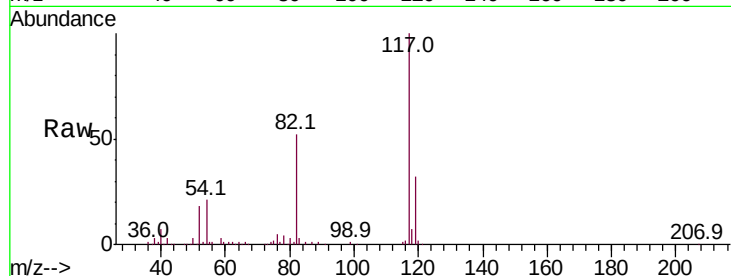




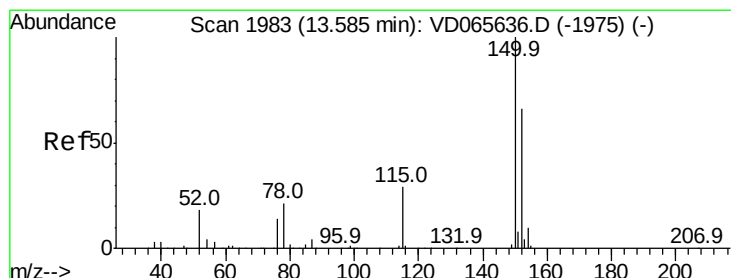
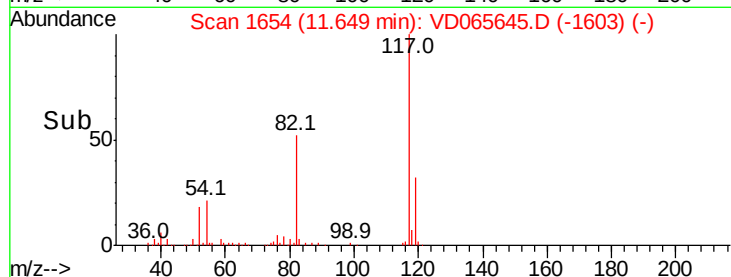
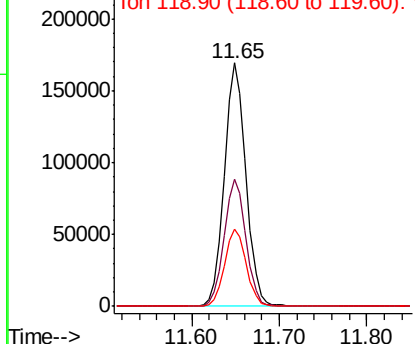
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tot Ion:117 Resp: 287088
Ion Ratio Lower Upper
117 100
82 52.2 43.2 64.8
119 31.7 26.2 39.4

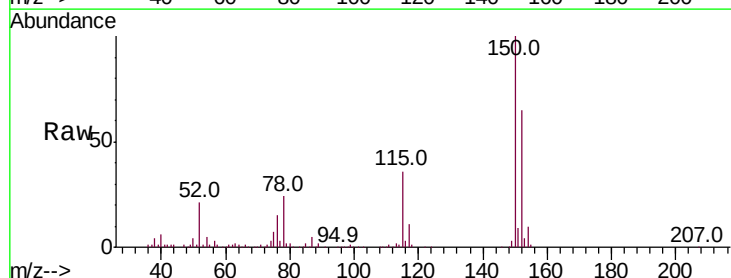


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion:152 Resp: 126724
Ion Ratio Lower Upper
152 100
115 53.9 27.6 82.7
150 156.1 0.0 346.0



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

