

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065647.D
 Acq On : 17 Apr 2020 16:26
 Operator : VA/SY
 Sample : L2327-05
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2

Quant Time: Apr 20 07:34:18 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	222169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	348324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	116412	61.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.20%	
35) Dibromofluoromethane	7.92	113	121727	55.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.74%	
50) Toluene-d8	10.34	98	435921	53.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.64	95	139964	51.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.82%	

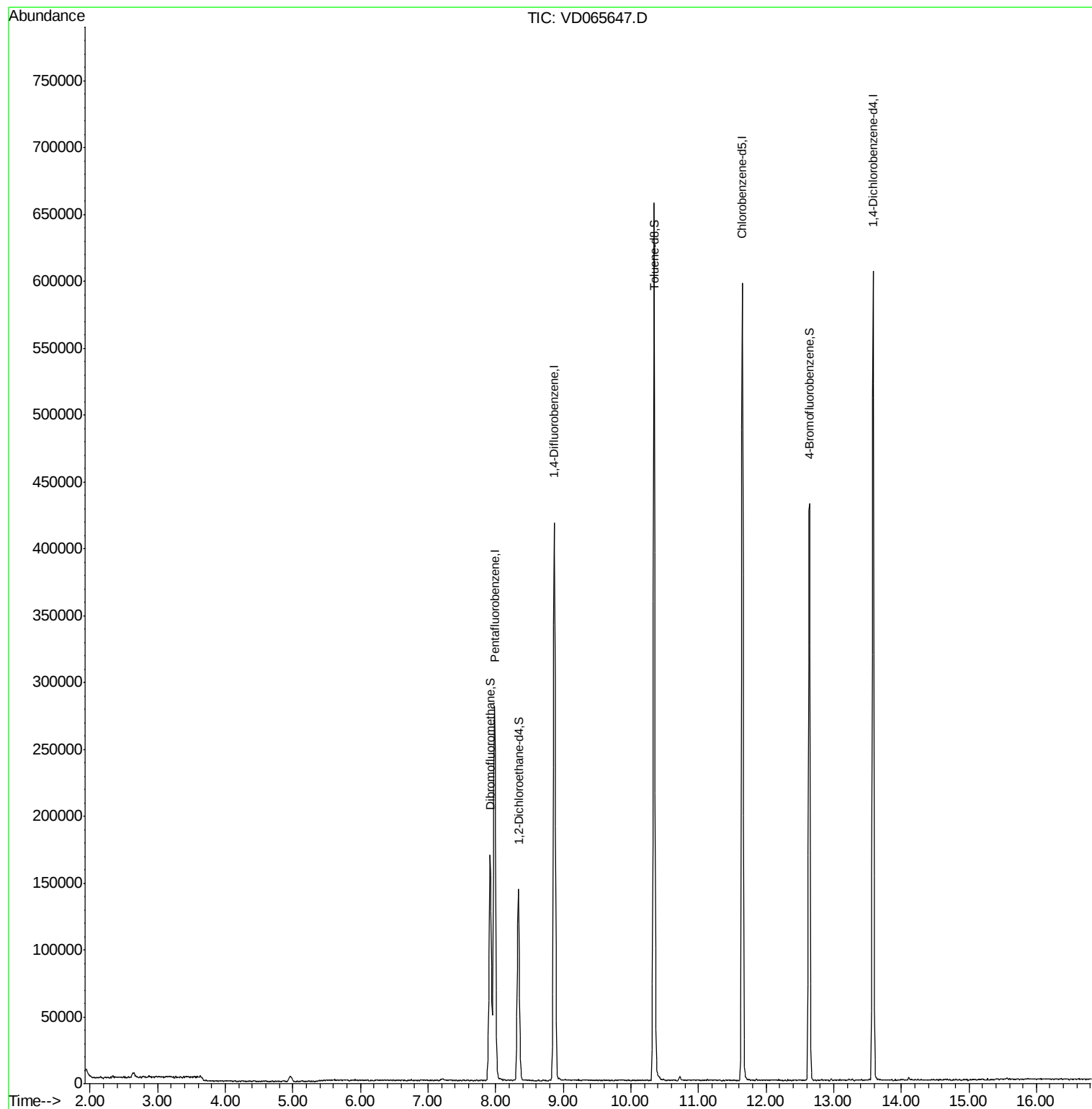
Target Compounds	Qvalue
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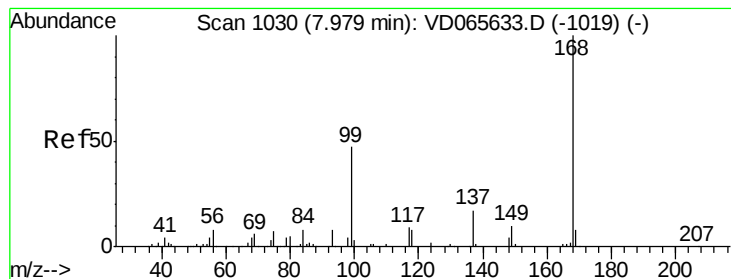
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065647.D

Acq: 17 Apr 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

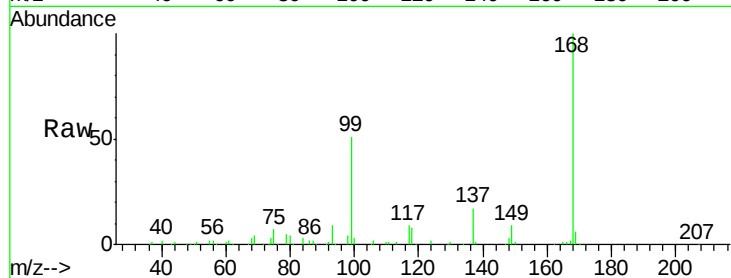
TP-1-D2

Tot Ion:168 Resp: 222169

Ion Ratio Lower Upper

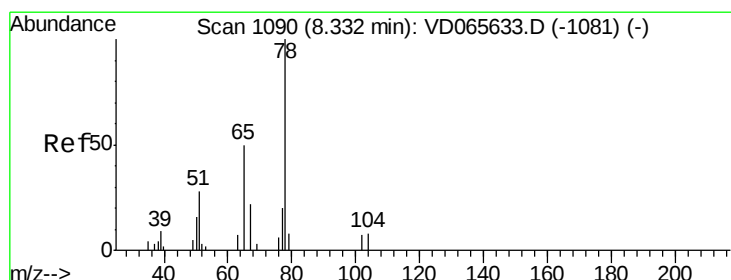
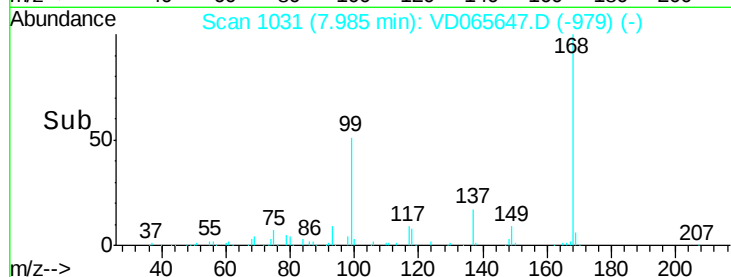
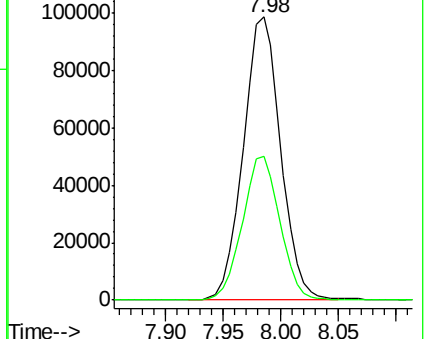
168 100

99 50.9 40.3 60.5



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: 61.595 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065647.D

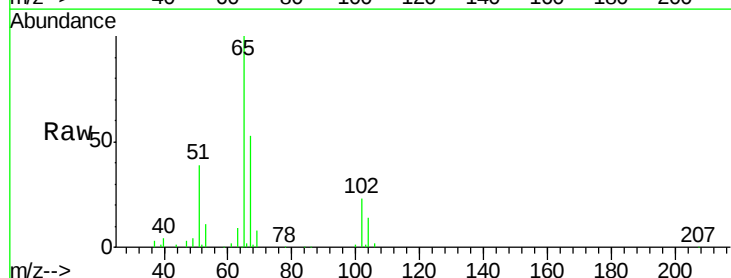
Acq: 17 Apr 2020 16:26

Tgt Ion: 65 Resp: 116412

Ion Ratio Lower Upper

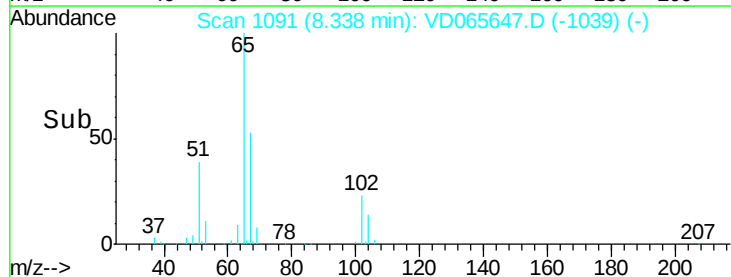
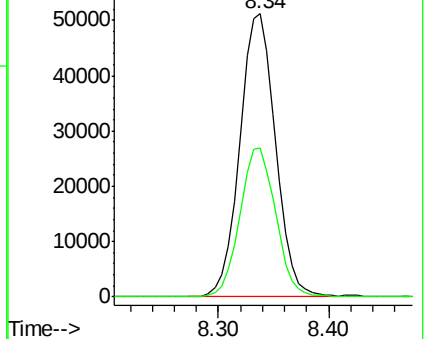
65 100

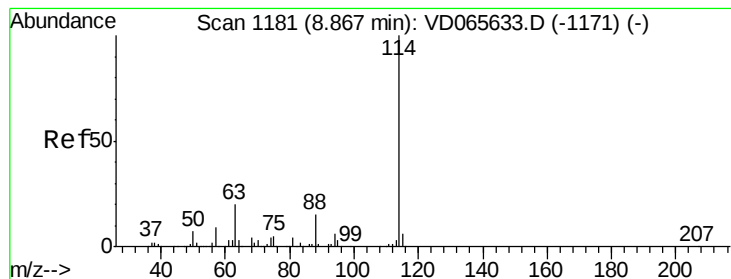
67 52.8 0.0 105.8



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: VD065647.D

Acq: 17 Apr 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2

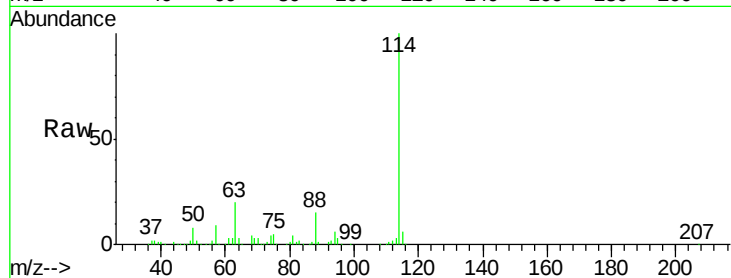
Tot Ion:114 Resp: 353206

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

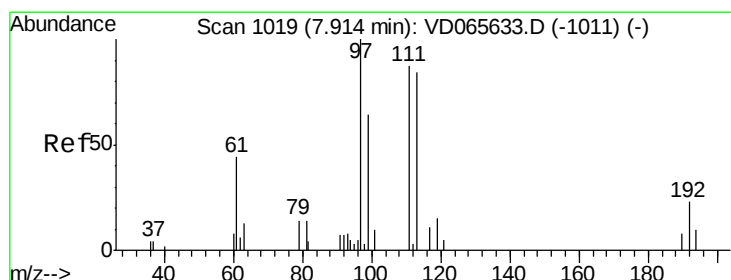
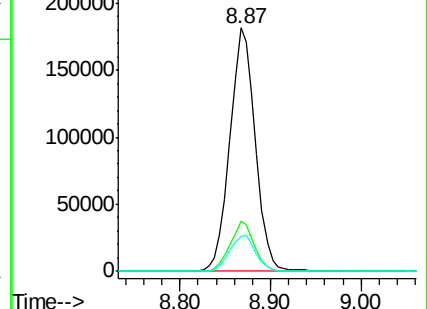
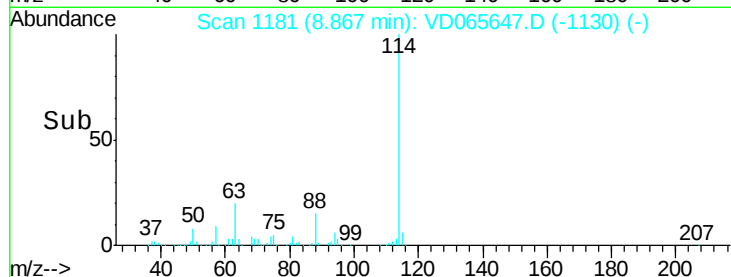
88 14.5 0.0 31.6



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: 55.374 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065647.D

Acq: 17 Apr 2020 16:26

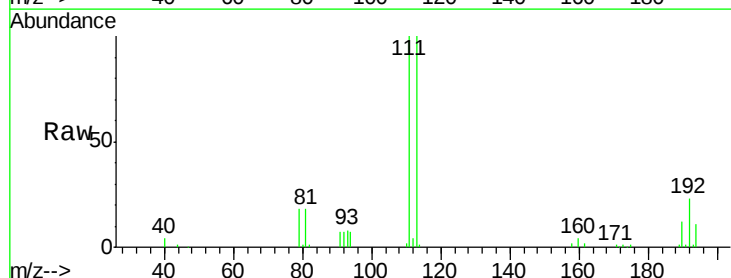
Tgt Ion:113 Resp: 121727

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

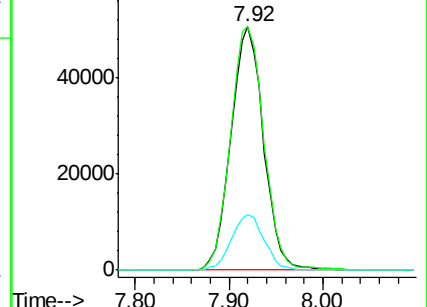
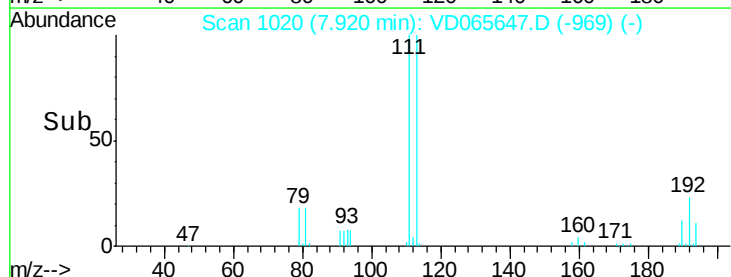
192 22.8 18.9 28.3

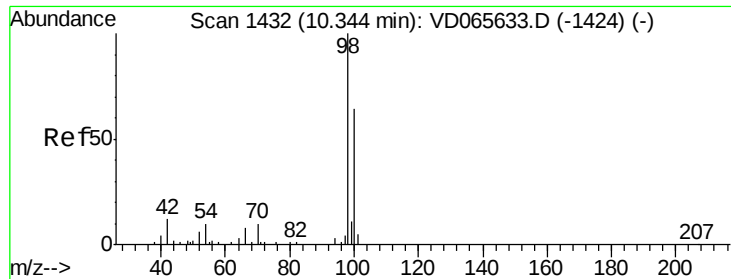


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.794 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065647.D

Acq: 17 Apr 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

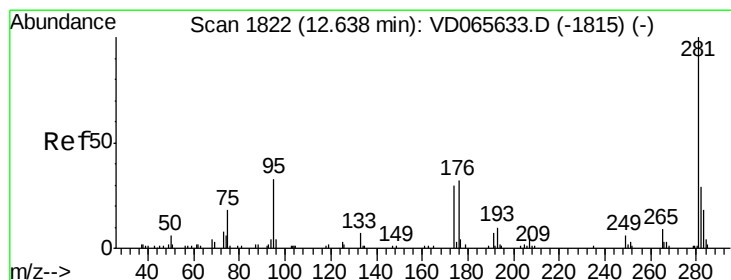
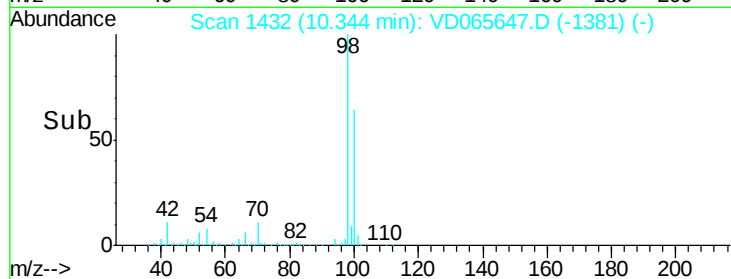
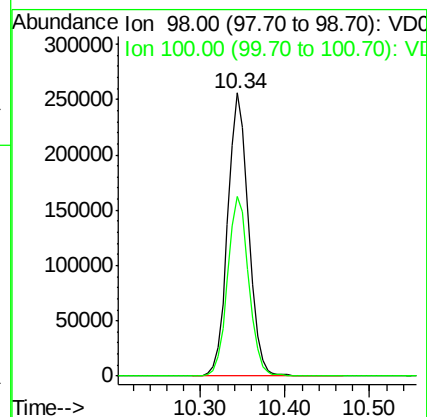
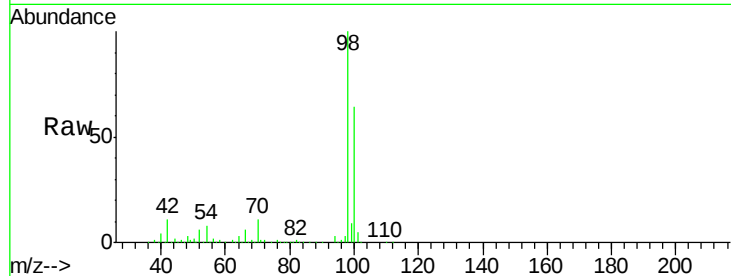
TP-1-D2

Tot Ion: 98 Resp: 435921

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.907 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065647.D

Acq: 17 Apr 2020 16:26

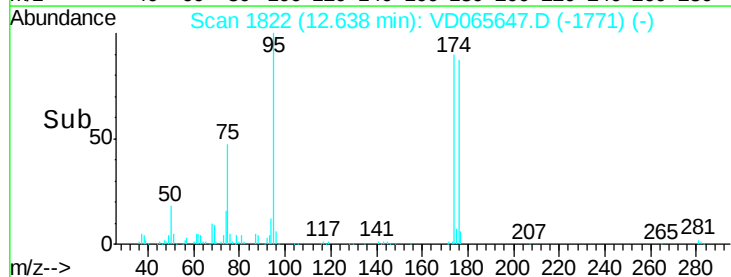
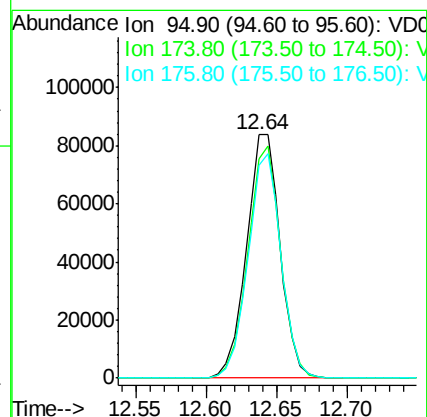
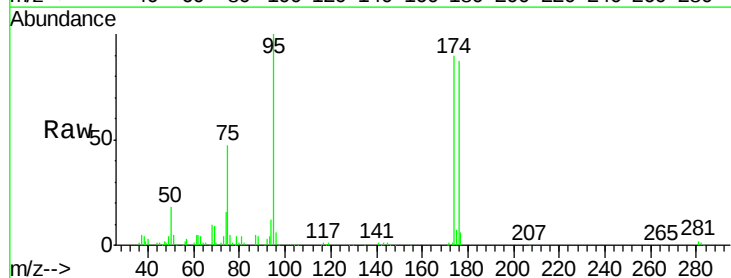
Tgt Ion: 95 Resp: 139964

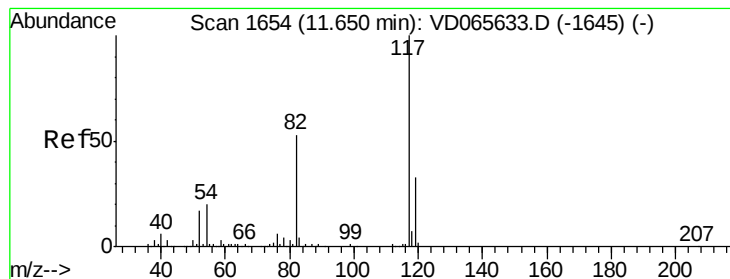
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.8

176 90.2 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: VD065647.D

Acq: 17 Apr 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2

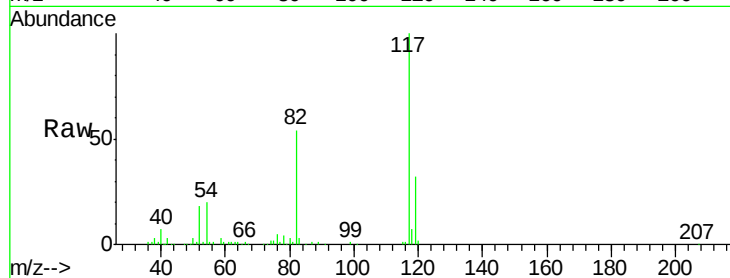
Tot Ion:117 Resp: 348324

Ion Ratio Lower Upper

117 100

82 53.9 43.2 64.8

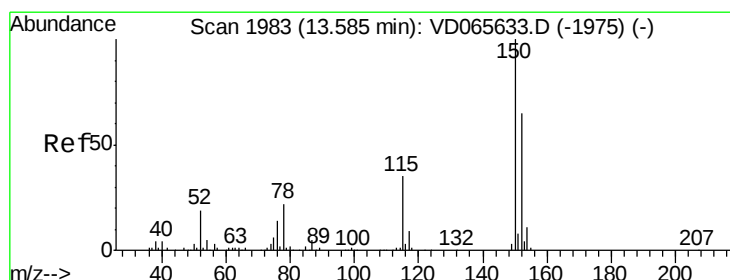
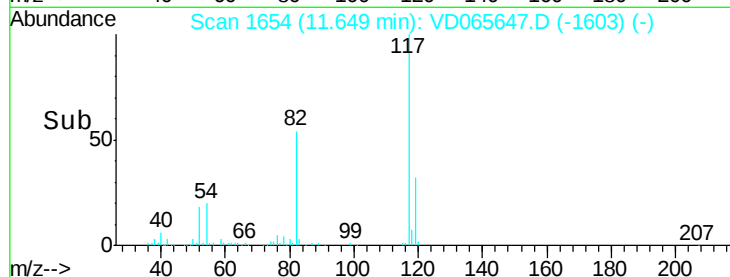
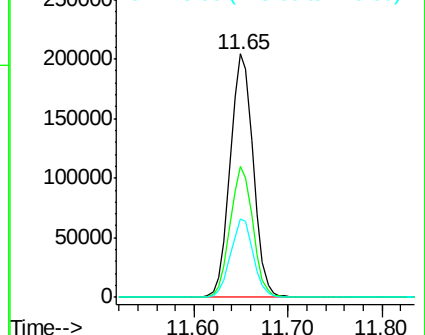
119 32.4 26.2 39.4



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: VD065647.D

Acq: 17 Apr 2020 16:26

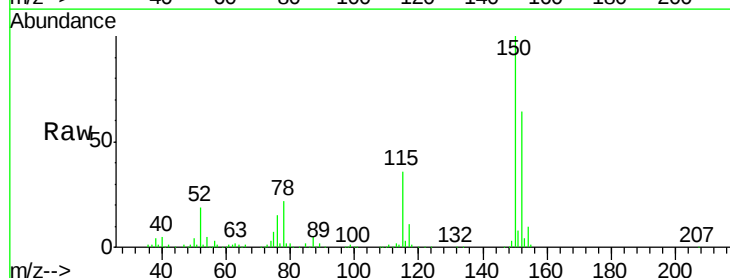
Tgt Ion:152 Resp: 168796

Ion Ratio Lower Upper

152 100

115 54.9 27.6 82.7

150 155.3 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

