

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063992.D
 Acq On : 16 Oct 2019 17:40
 Operator : VA/SY
 Sample : K5401-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036-RT1488

Quant Time: Oct 16 18:15:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	155535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	301355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	320031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152074	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	99485	65.70	ug/l	0.00
Spiked Amount			Recovery	=	131.40%	
35) Dibromofluoromethane	7.92	113	94115	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	10.34	98	419199	56.08	ug/l	0.00
Spiked Amount			Recovery	=	112.16%	
62) 4-Bromofluorobenzene	12.64	95	122719	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

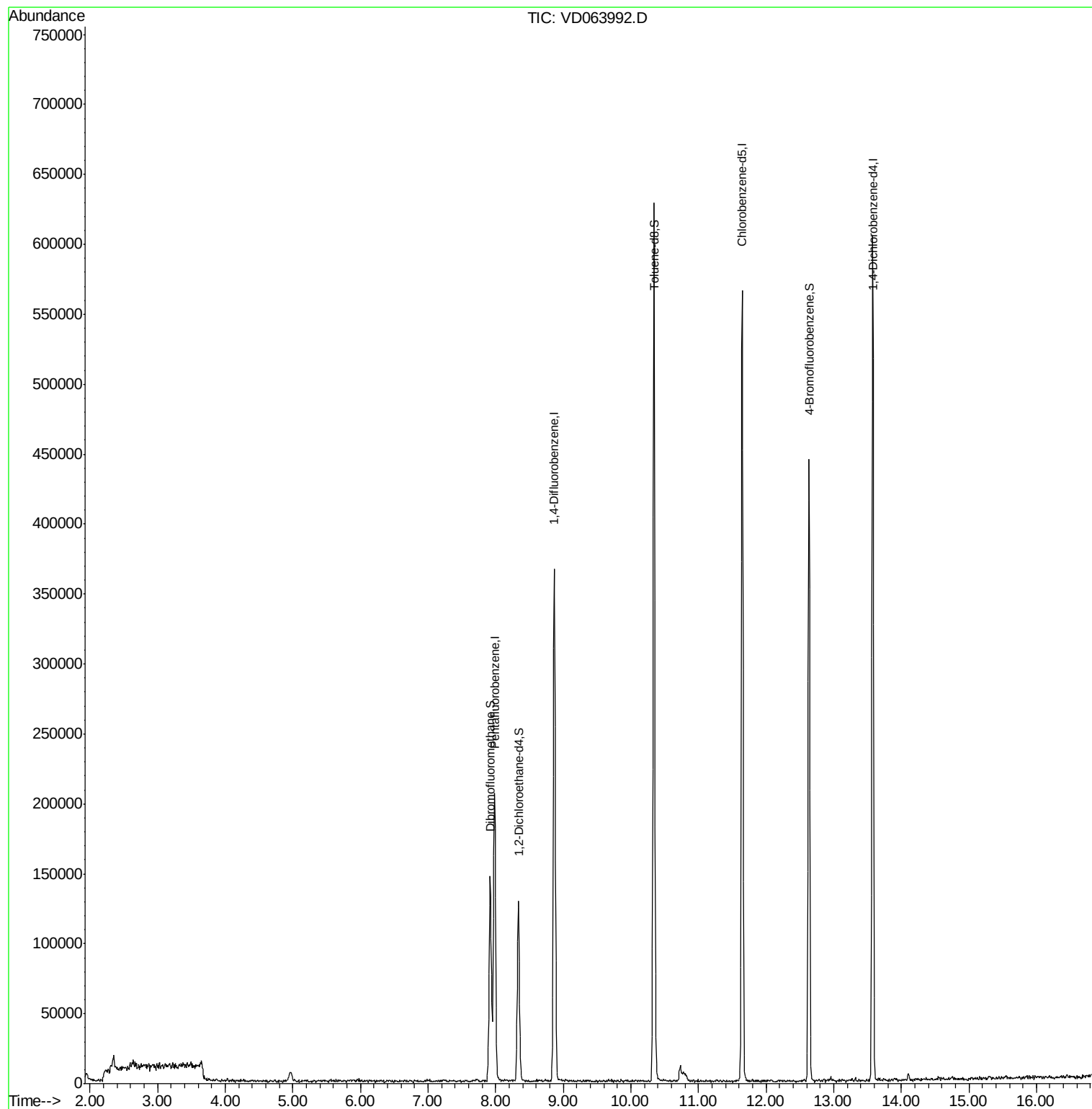
Target Compounds	Qvalue
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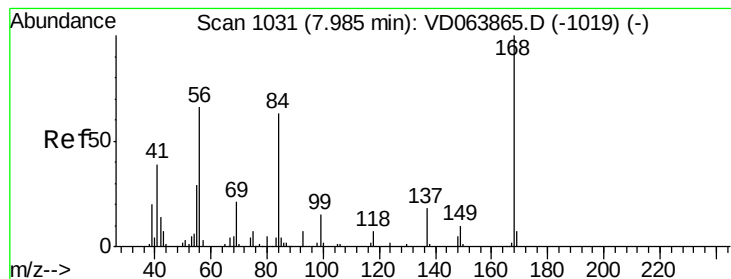
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

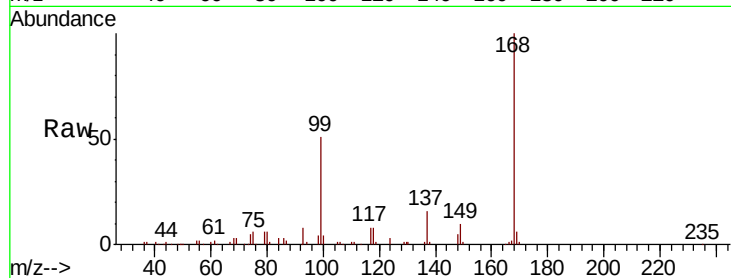
RBR200036-RT1488

Tot Ion:168 Resp: 15535

Ion Ratio Lower Upper

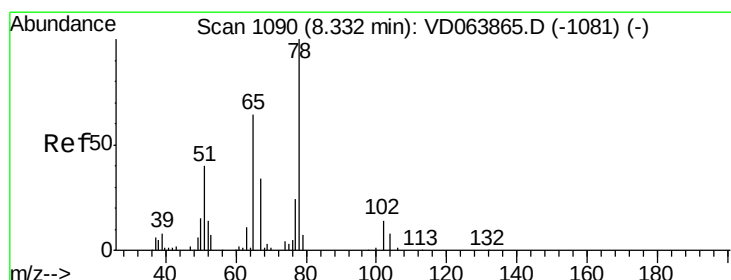
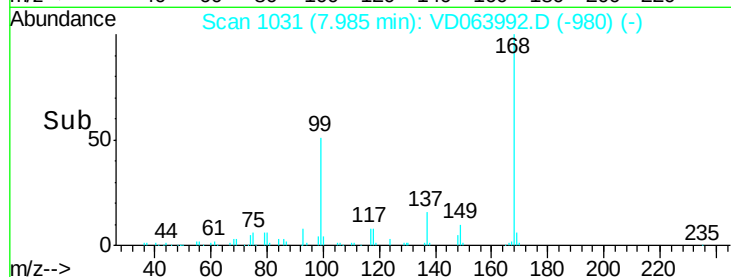
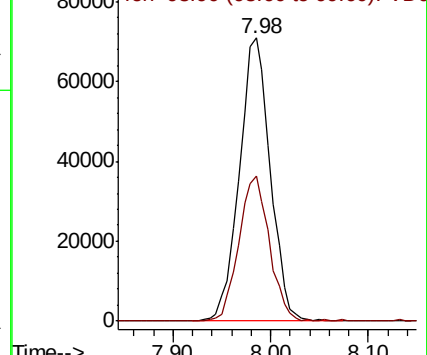
168 100

99 51.3 43.0 64.4



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: 65.699 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063992.D

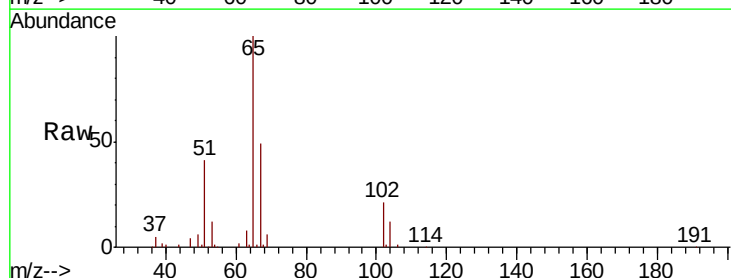
Acq: 16 Oct 2019 17:40

Tgt Ion: 65 Resp: 99485

Ion Ratio Lower Upper

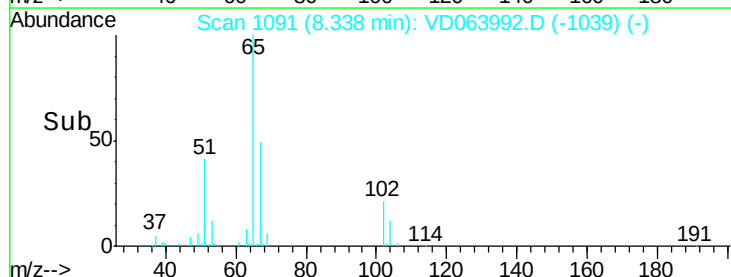
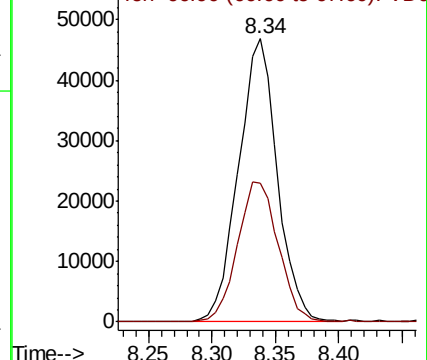
65 100

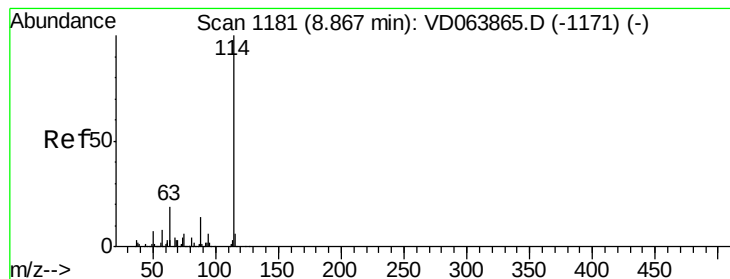
67 51.9 0.0 106.4



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: VD063992.D

Acq: 16 Oct 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

RBR200036-RT1488

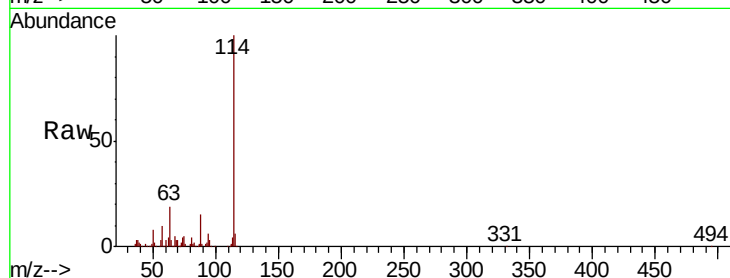
Tot Ion:114 Resp: 301355

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

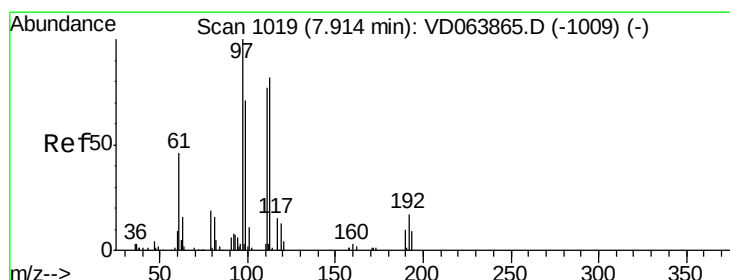
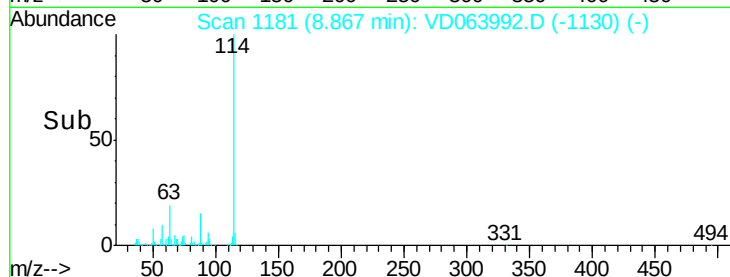
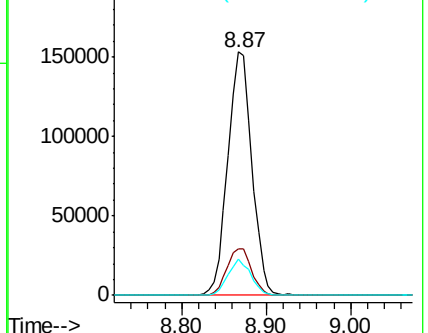
88 15.0 0.0 27.4



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: 51.103 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

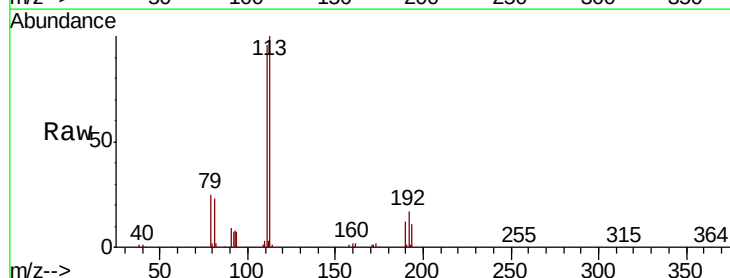
Tgt Ion:113 Resp: 94115

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

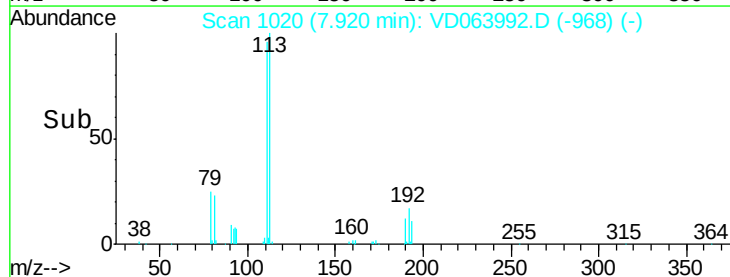
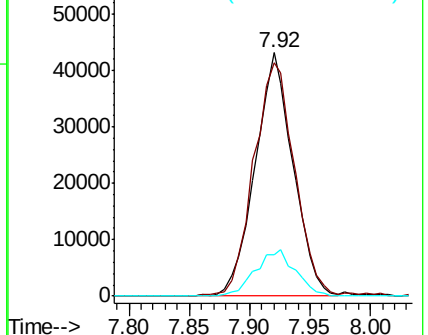
192 20.0 17.1 25.7

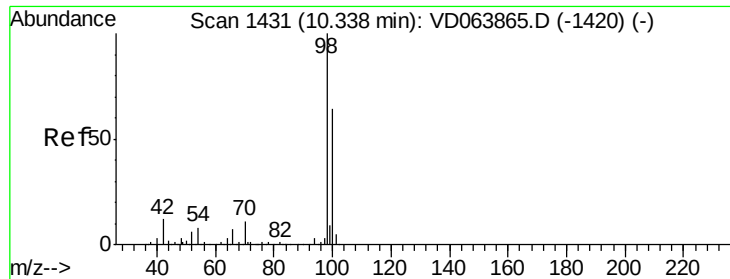


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.080 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

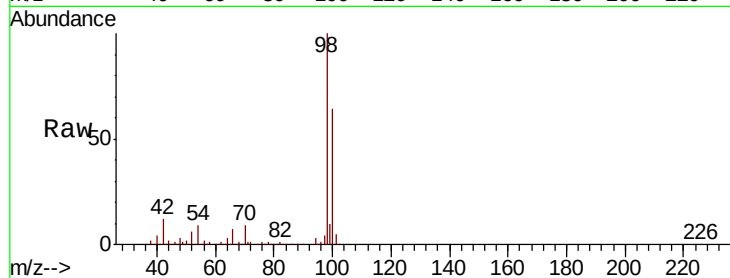
RBR200036-RT1488

Tot Ion: 98 Resp: 419199

Ion Ratio Lower Upper

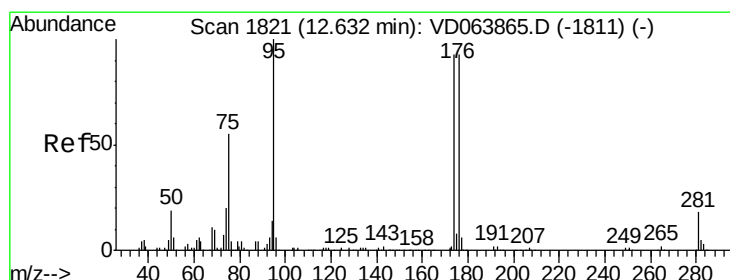
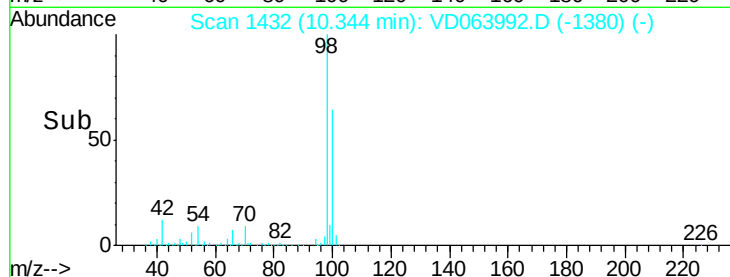
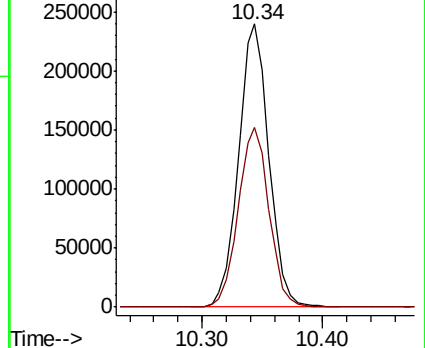
98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.244 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

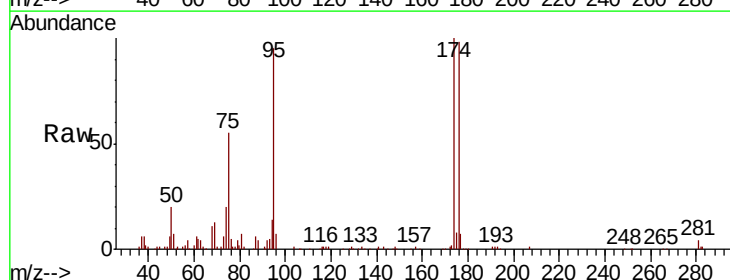
Tgt Ion: 95 Resp: 122719

Ion Ratio Lower Upper

95 100

174 100.5 0.0 186.4

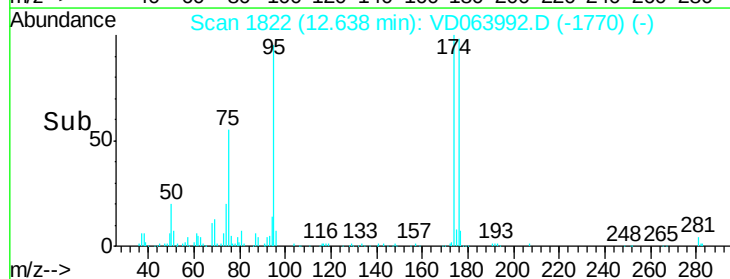
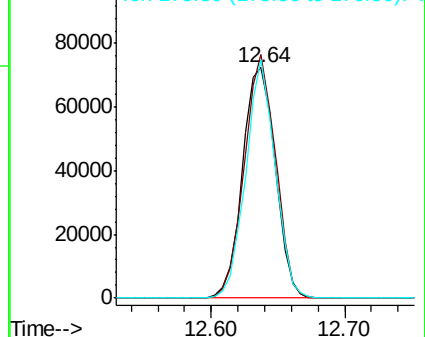
176 92.4 0.0 184.2

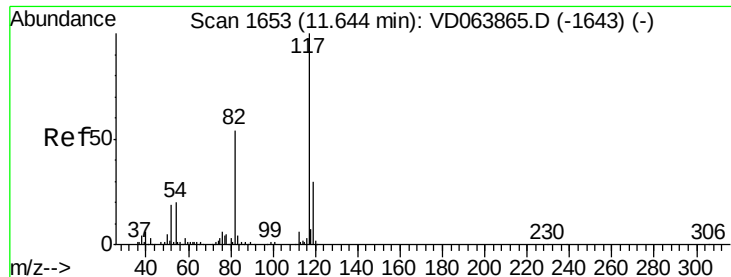


Abundance Ion 94.90 (94.60 to 95.60): VDC

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. 0.01 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

RBR200036-RT1488

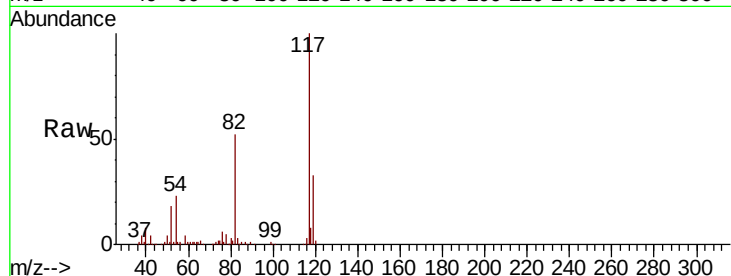
Tot Ion:117 Resp: 320031

Ion Ratio Lower Upper

117 100

82 51.9 42.8 64.2

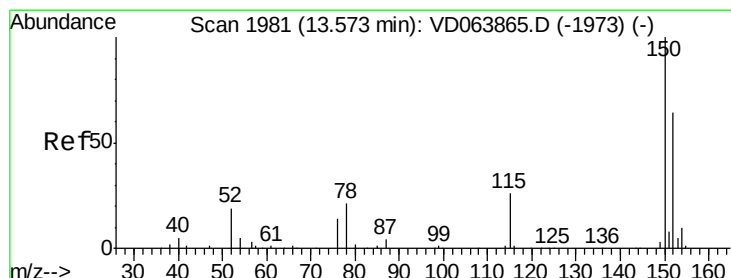
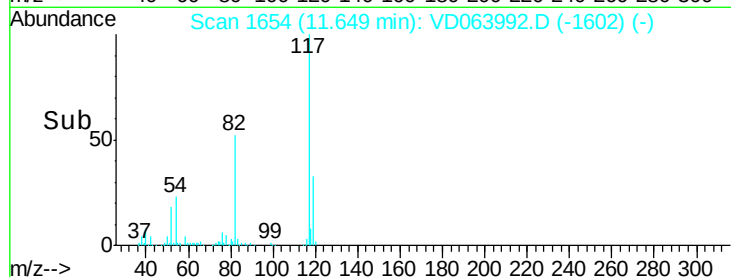
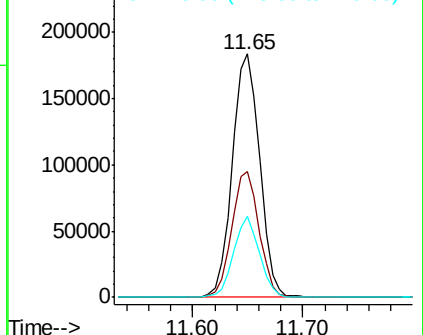
119 33.2 24.4 36.6



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. 0.01 min

Lab File: VD063992.D

Acq: 16 Oct 2019 17:40

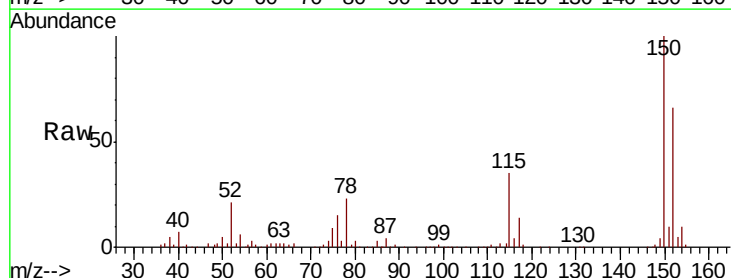
Tgt Ion:152 Resp: 152074

Ion Ratio Lower Upper

152 100

115 53.4 25.9 77.7

150 153.2 0.0 344.2



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

