

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063928.D
 Acq On : 11 Oct 2019 10:53
 Operator : VA/SY
 Sample : VD1011SBL01
 Misc : 5.00G/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1011SBL01

Quant Time: Oct 12 01:47:02 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	170910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	311484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	97652	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	
35) Dibromofluoromethane	7.92	113	98220	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.34	98	404873	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.64	95	123310	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

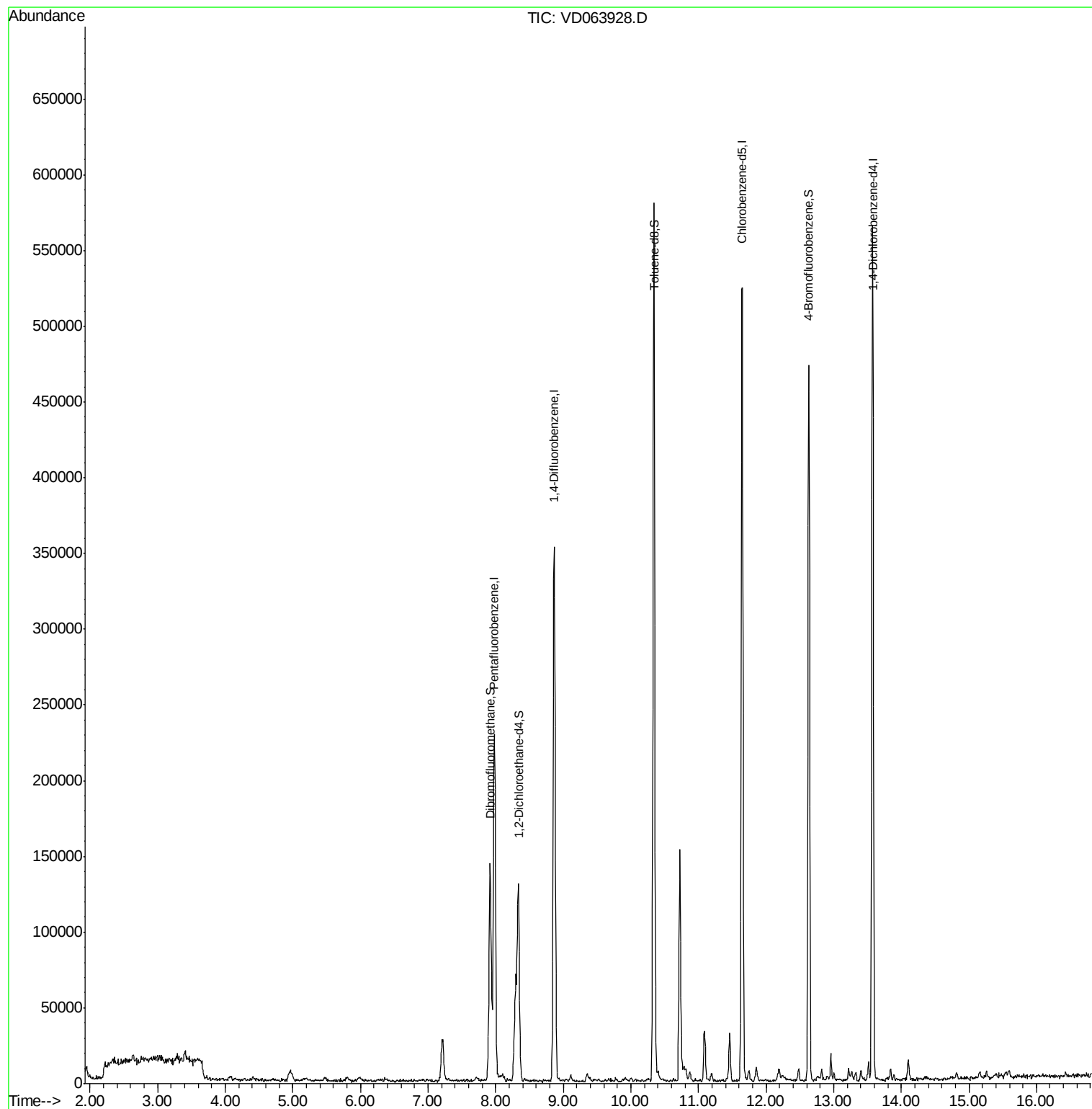
Target Compounds	Qvalue
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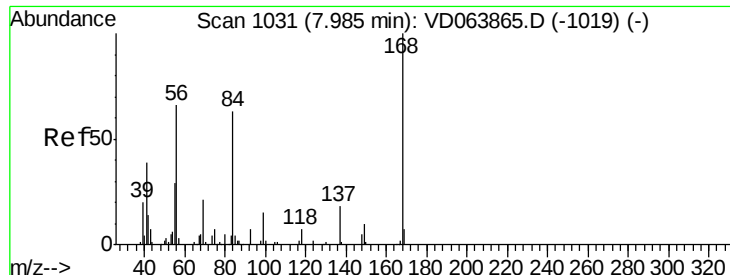
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063928.D

Acq: 11 Oct 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

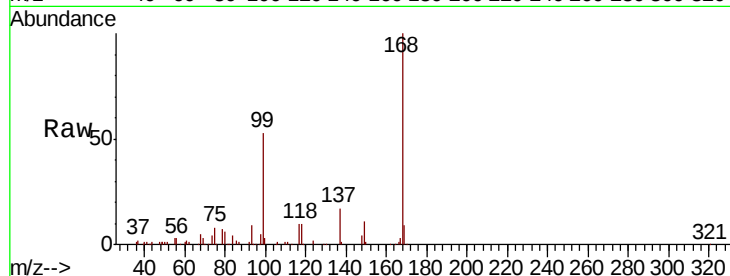
VD1011SBL01

Tot Ion:168 Resp: 170910

Ion Ratio Lower Upper

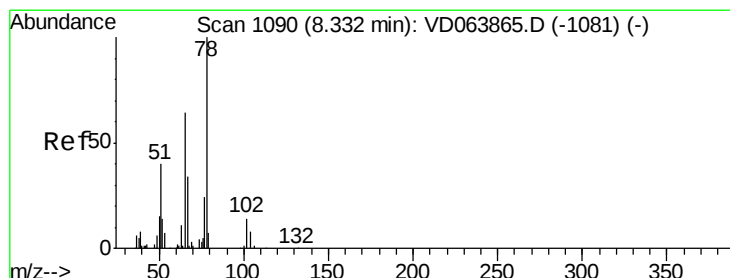
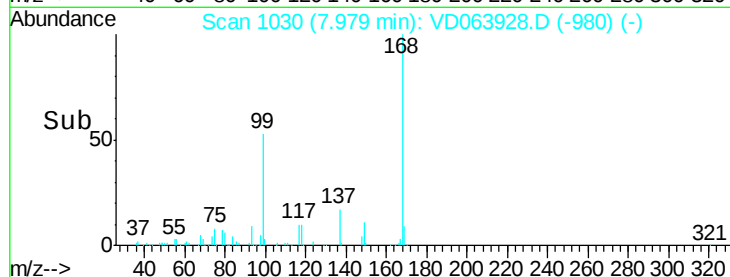
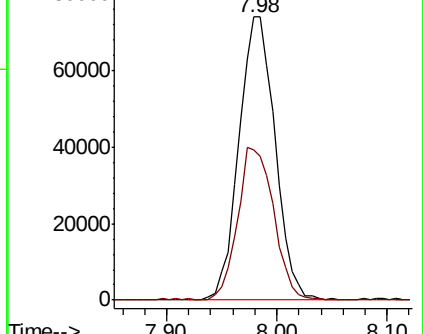
168 100

99 52.8 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: 58.687 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063928.D

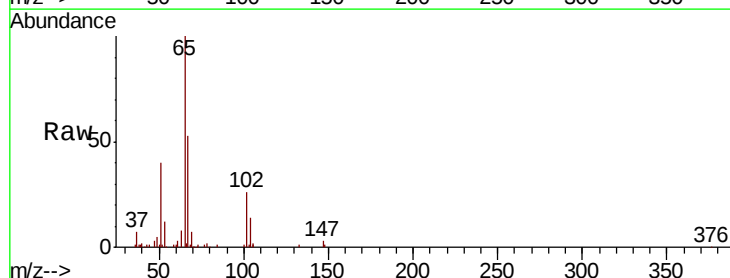
Acq: 11 Oct 2019 10:53

Tgt Ion: 65 Resp: 97652

Ion Ratio Lower Upper

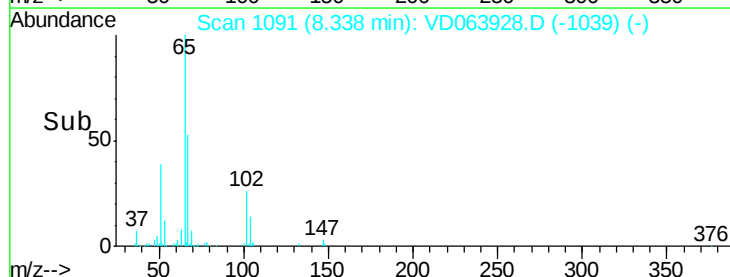
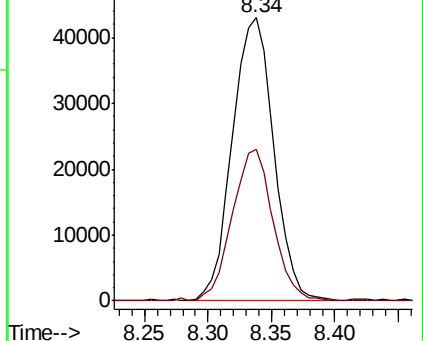
65 100

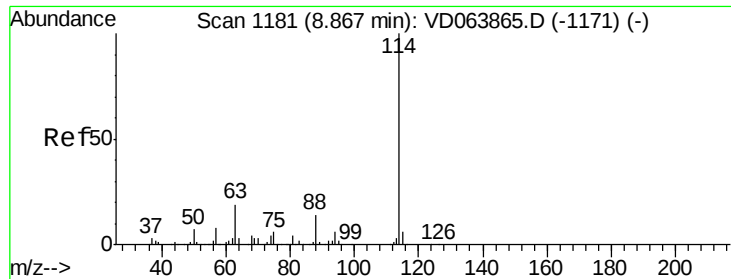
67 52.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

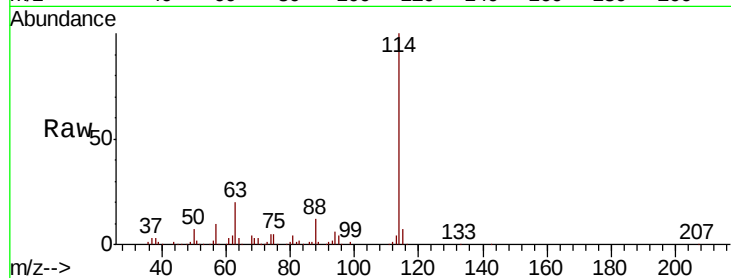




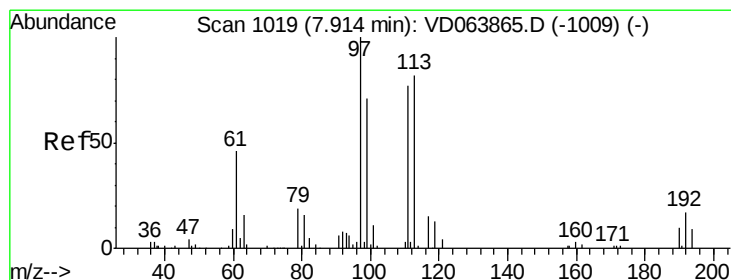
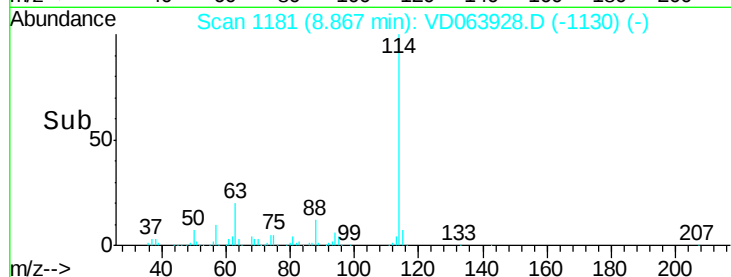
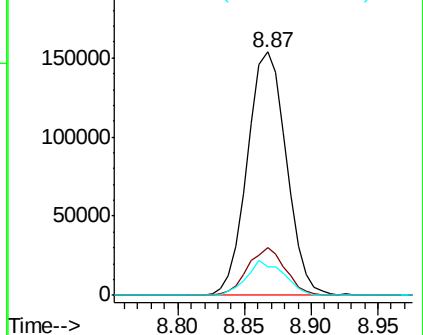
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063928.D
 Acq: 11 Oct 2019 10:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1011SBL01

Tot Ion:114 Resp: 311484
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 11.8 0.0 27.4

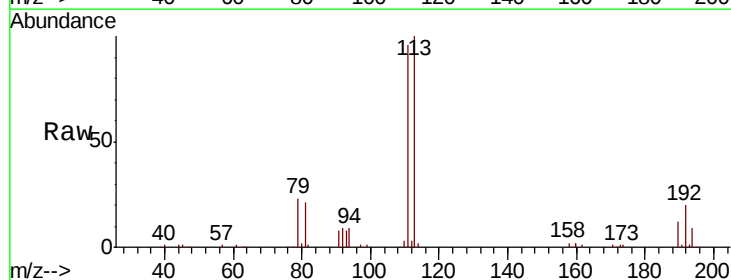


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

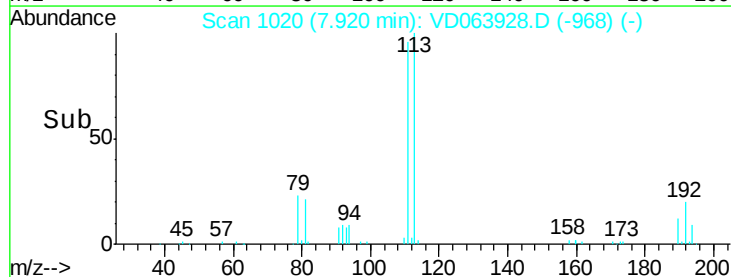
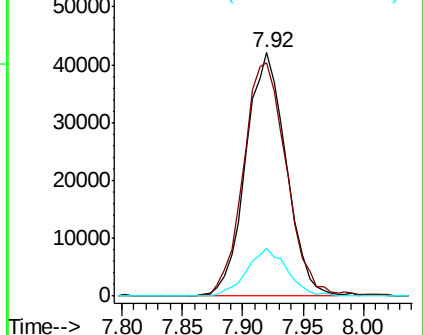


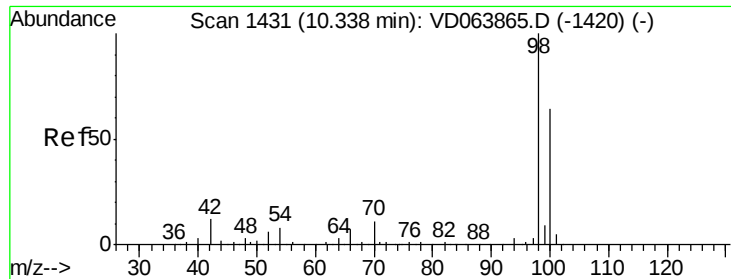
#35
 Dibromofluoromethane
 Concen: 51.598 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063928.D
 Acq: 11 Oct 2019 10:53

Tgt Ion:113 Resp: 98220
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 19.7 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: 52.402 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063928.D

Acq: 11 Oct 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

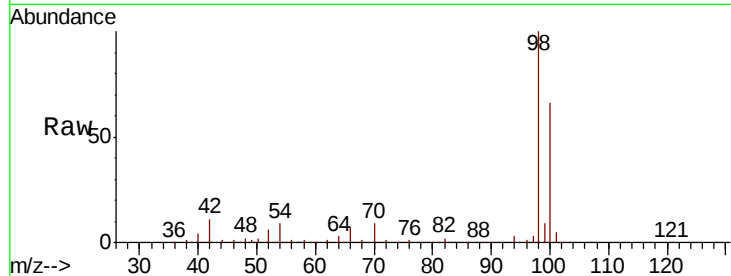
VD1011SBL01

Tot Ion: 98 Resp: 404873

Ion Ratio Lower Upper

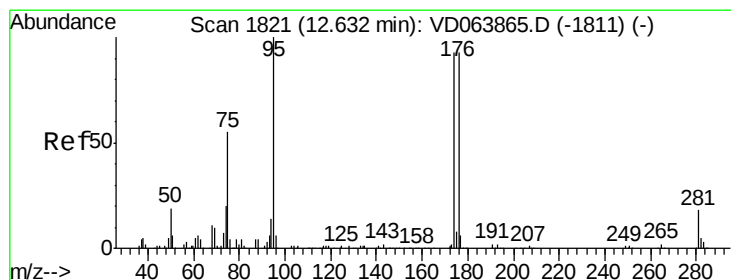
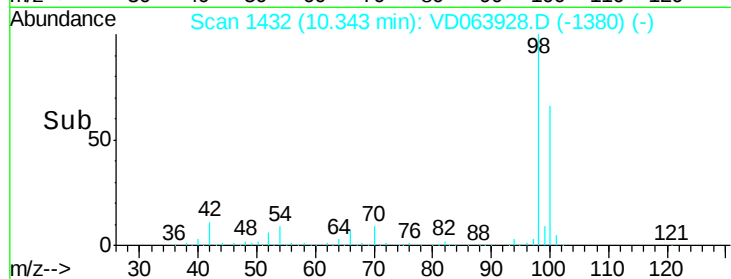
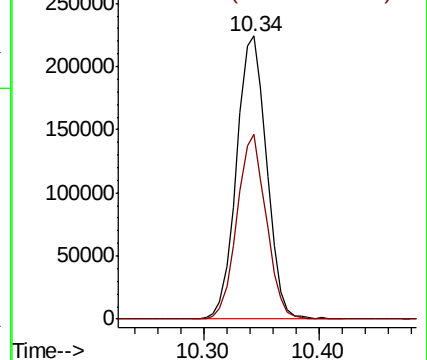
98 100

100 63.4 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: 45.927 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063928.D

Acq: 11 Oct 2019 10:53

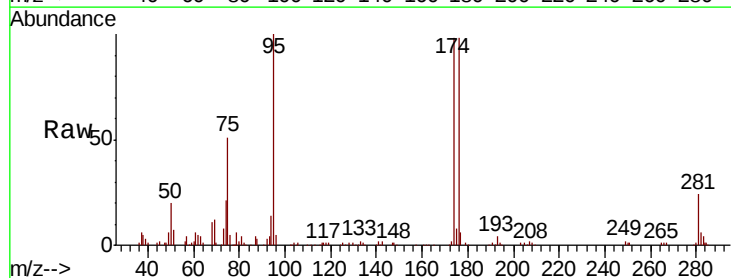
Tgt Ion: 95 Resp: 123310

Ion Ratio Lower Upper

95 100

174 98.7 0.0 186.4

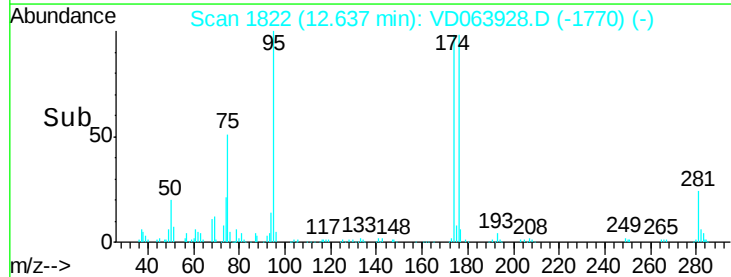
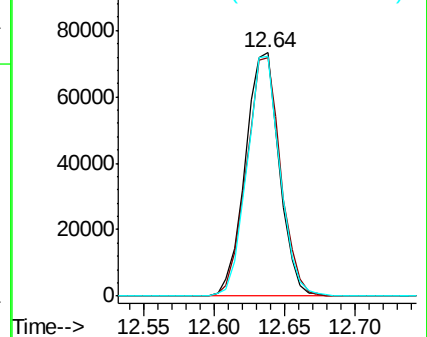
176 95.5 0.0 184.2



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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063928.D

Acq: 11 Oct 2019 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD1011SBL01

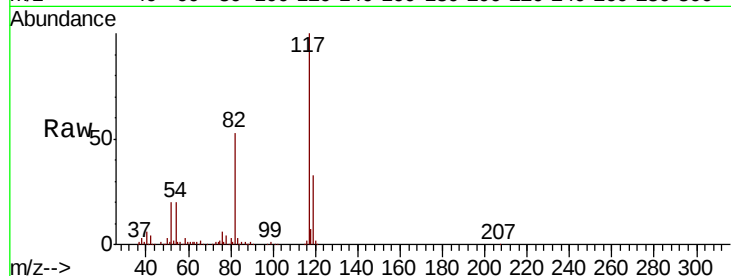
Tot Ion:117 Resp: 306631

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

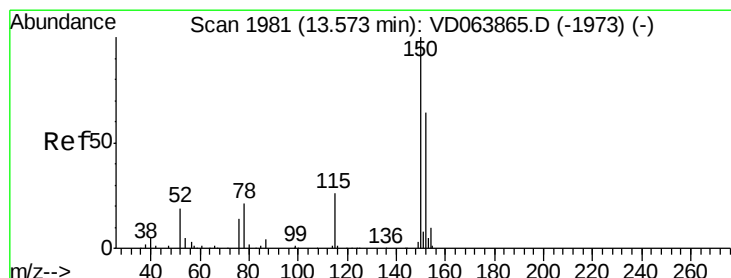
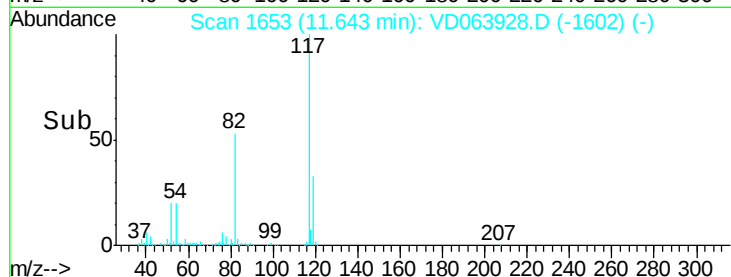
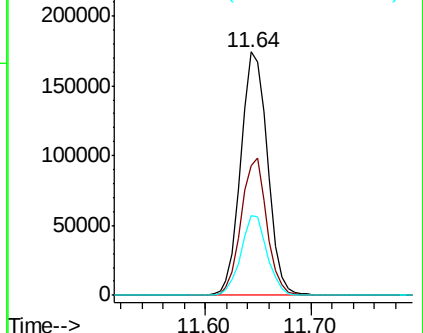
119 32.6 24.4 36.6



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: VD063928.D

Acq: 11 Oct 2019 10:53

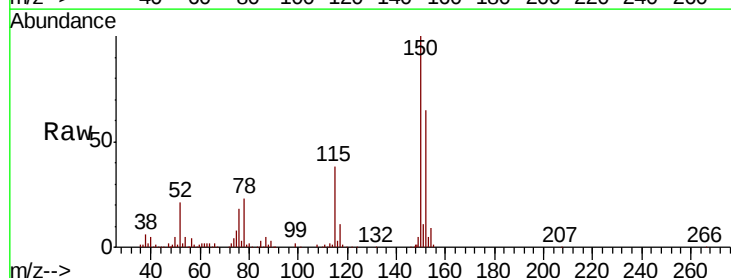
Tgt Ion:152 Resp: 148276

Ion Ratio Lower Upper

152 100

115 54.6 25.9 77.7

150 156.2 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

