

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063957.D
 Acq On : 14 Oct 2019 15:55
 Operator : VA/SY
 Sample : K5352-06
 Misc : 4.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20A-S2

Quant Time: Oct 14 17:32:59 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	153893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	273519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130036	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	85904	57.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.68%	
35) Dibromofluoromethane	7.92	113	84106	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.34	98	353366	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.63	95	110971	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

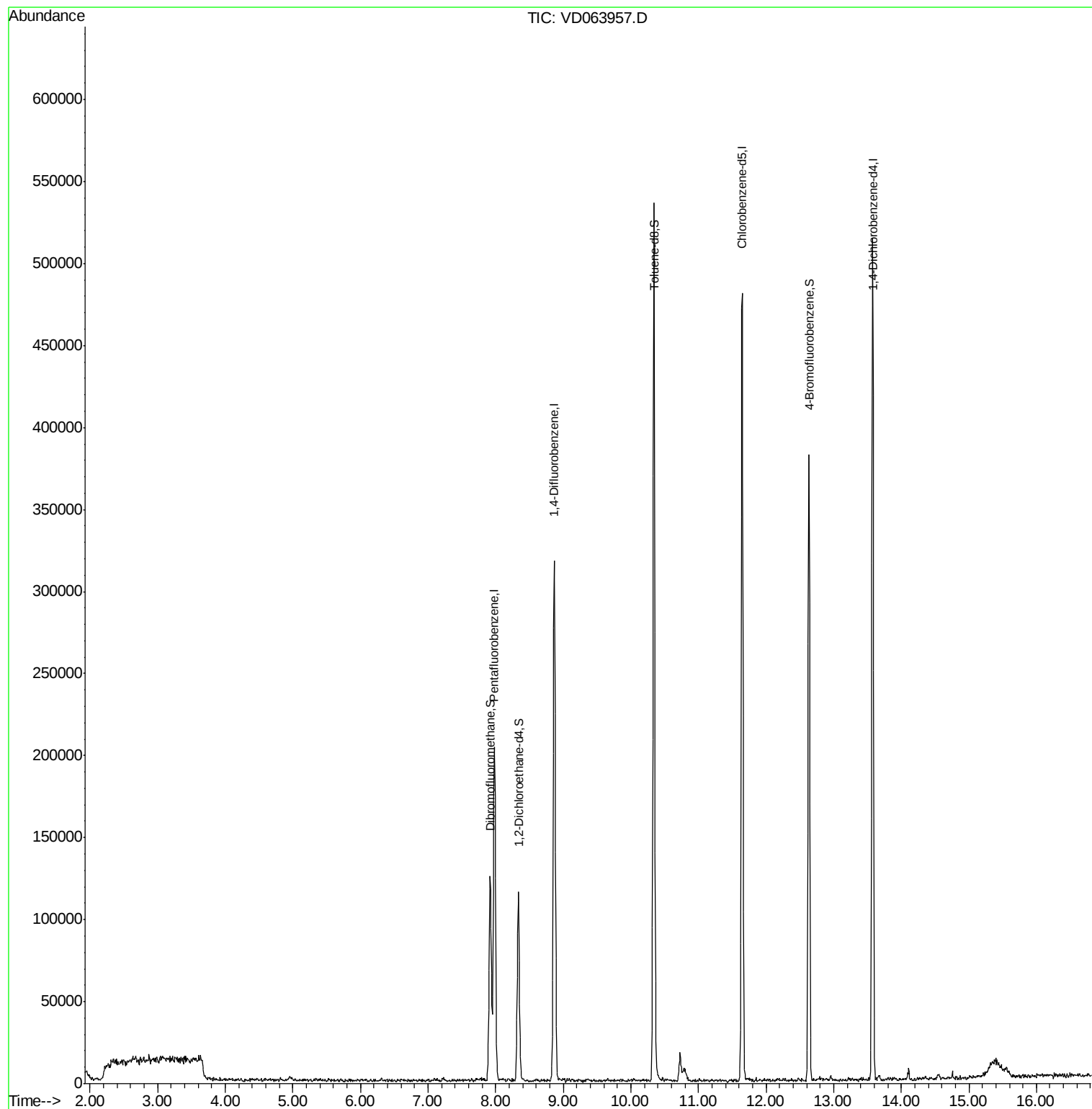
Target Compounds	Qvalue

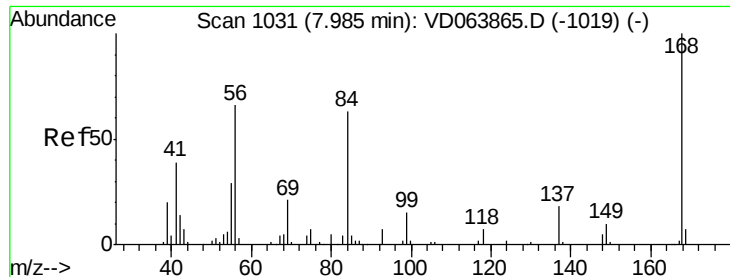
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101419\
Data File : VD063957.D
Acq On : 14 Oct 2019 15:55
Operator : VA/SY
Sample : K5352-06
Misc : 4.47G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-20A-S2

Quant Time: Oct 14 17:32:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
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: VD063957.D

Acq: 14 Oct 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

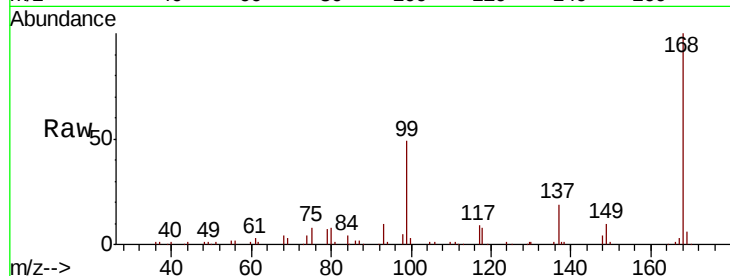
TP-20A-S2

Tot Ion:168 Resp: 153893

Ion Ratio Lower Upper

168 100

99 49.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

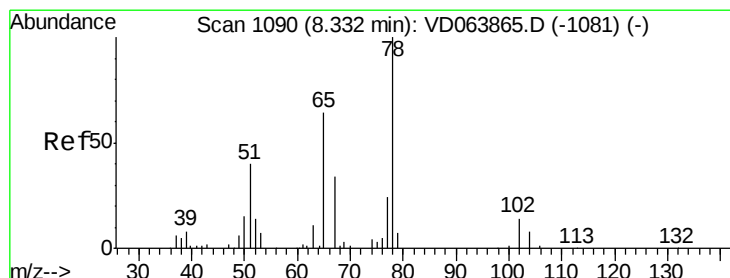
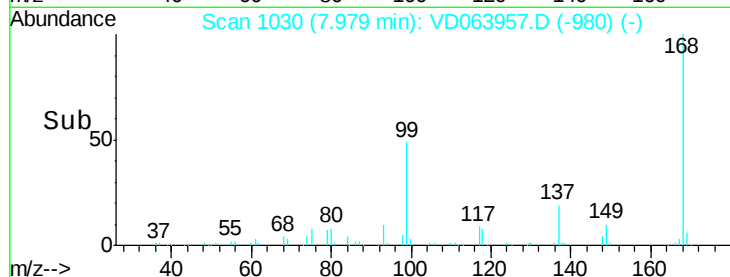
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.336 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063957.D

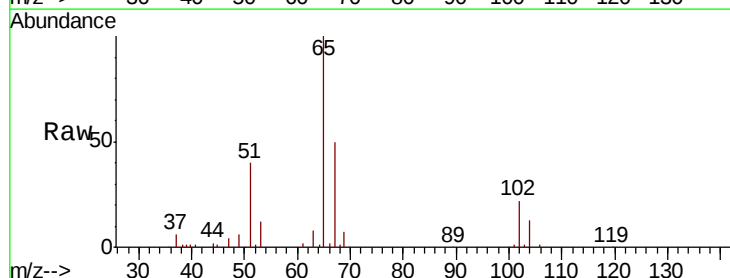
Acq: 14 Oct 2019 15:55

Tgt Ion: 65 Resp: 85904

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

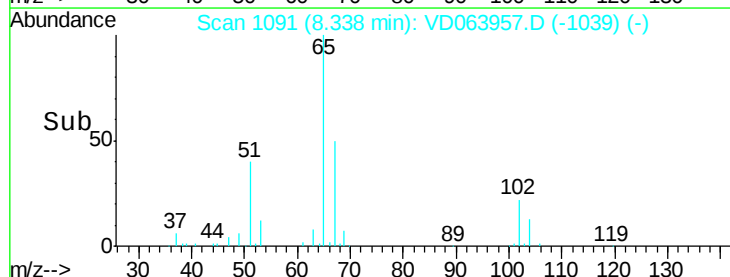
20000

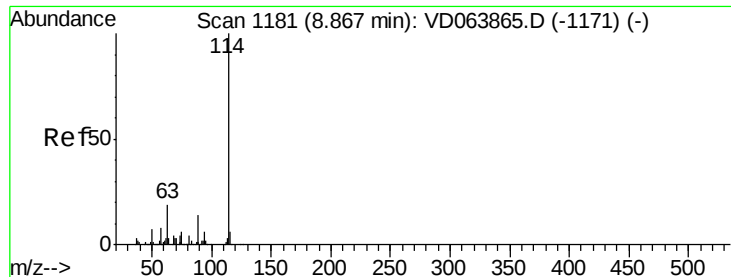
10000

0

Time-->

8.25 8.30 8.35 8.40

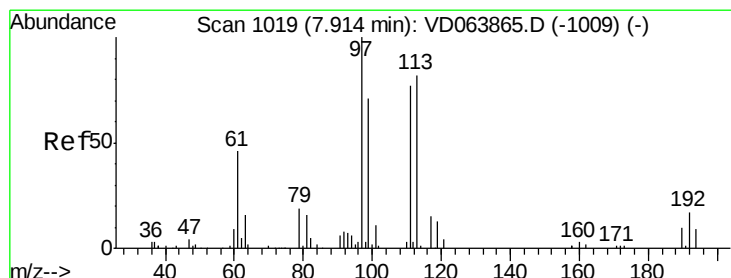
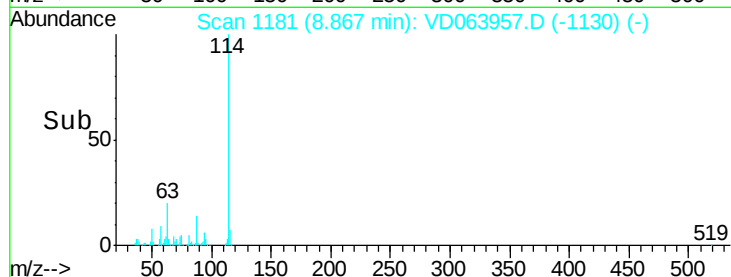
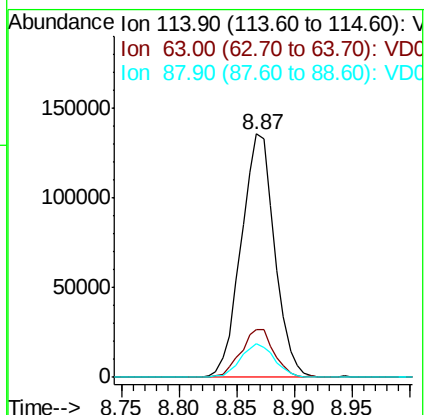
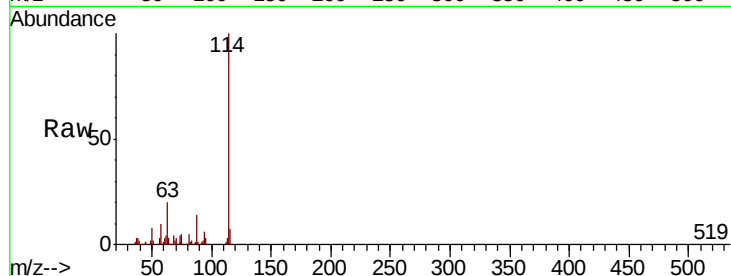




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063957.D
Acq: 14 Oct 2019 15:55

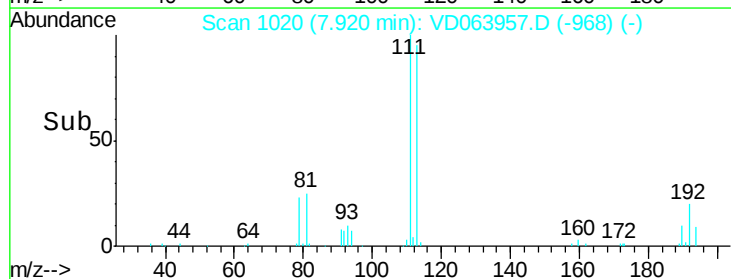
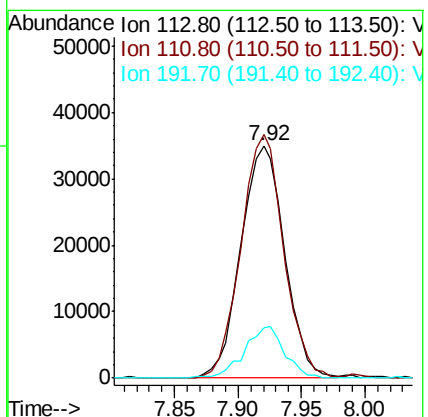
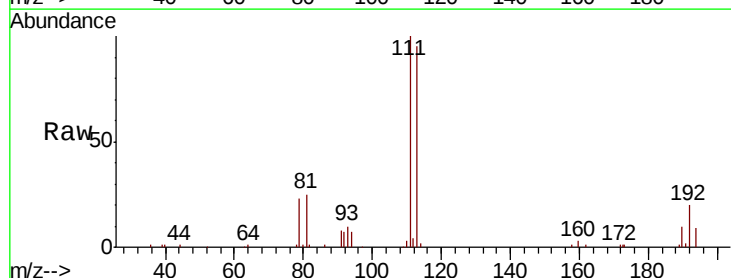
Instrument :
MSVOA_D
ClientSampleId :
TP-20A-S2

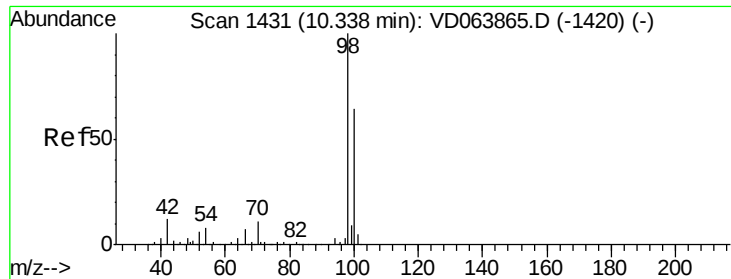
Tot Ion:114 Resp: 273519
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 13.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.316 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063957.D
Acq: 14 Oct 2019 15:55

Tgt Ion:113 Resp: 84106
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 20.2 17.1 25.7





#50

Toluene-d8

Concen: 52.084 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063957.D

Acq: 14 Oct 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

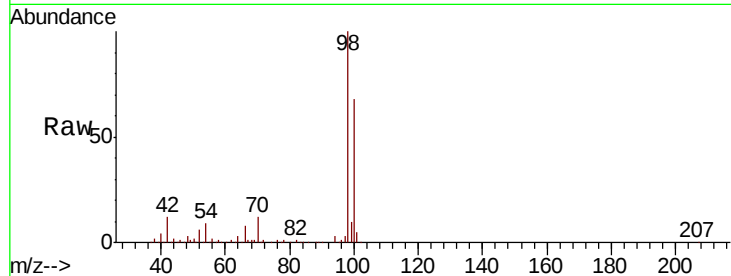
TP-20A-S2

Tot Ion: 98 Resp: 353366

Ion Ratio Lower Upper

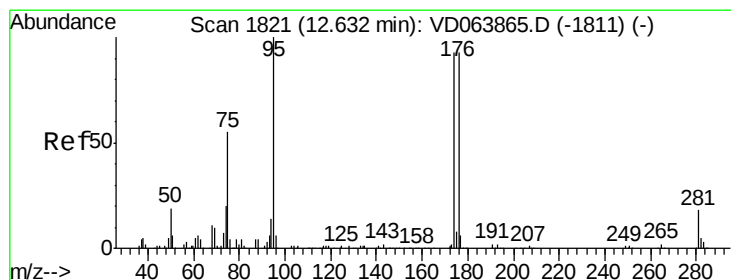
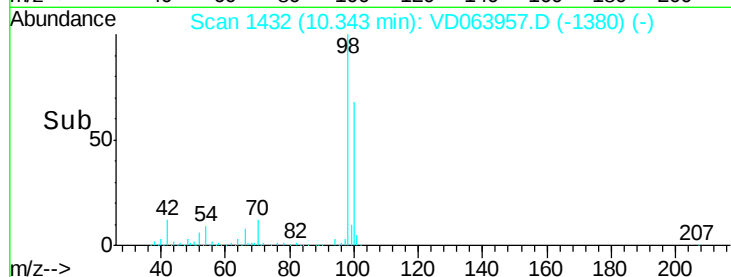
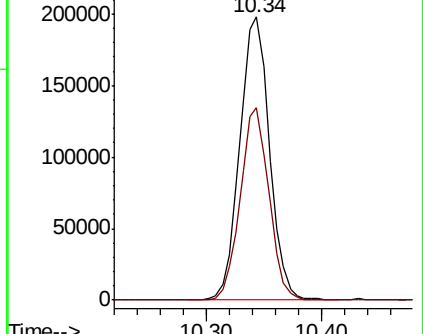
98 100

100 65.7 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: 47.069 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063957.D

Acq: 14 Oct 2019 15:55

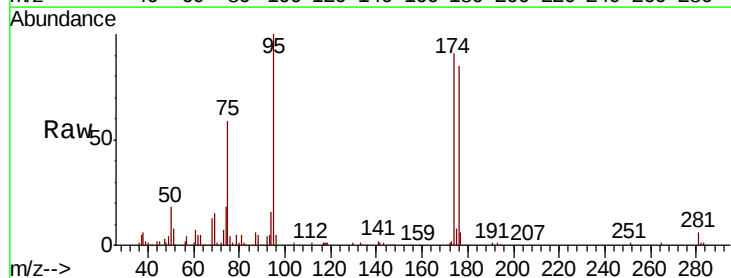
Tgt Ion: 95 Resp: 110971

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.4

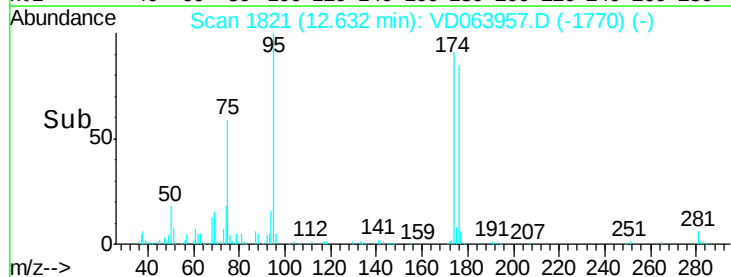
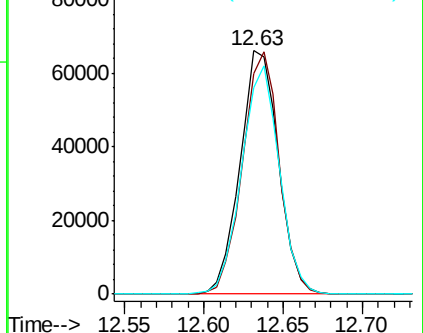
176 92.2 0.0 184.2



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: VD063957.D

Acq: 14 Oct 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

TP-20A-S2

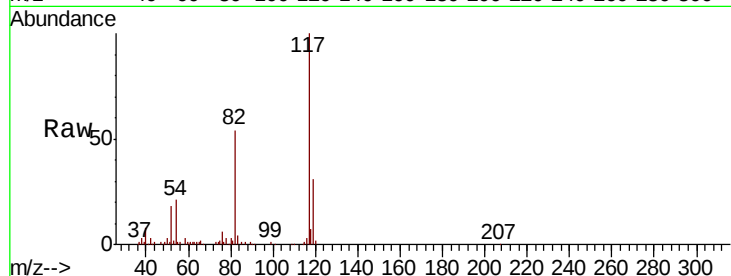
Tot Ion:117 Resp: 274904

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

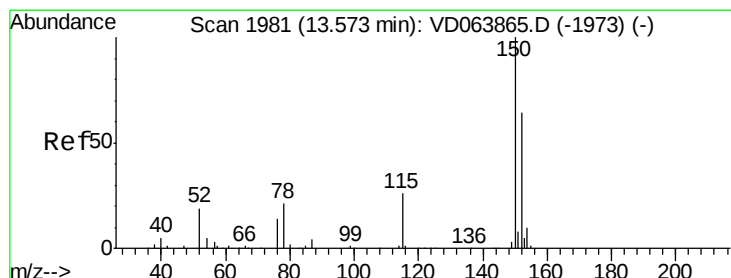
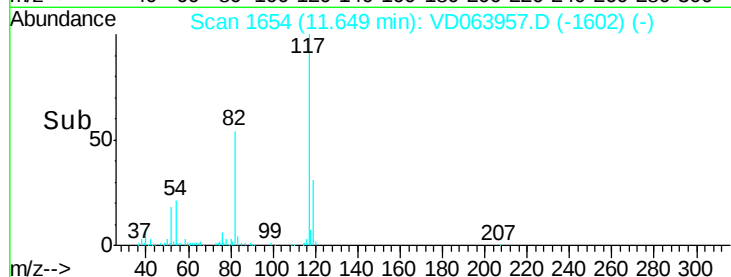
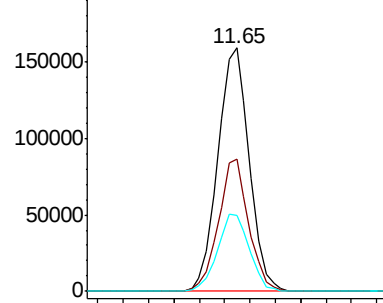
119 31.1 24.4 36.6



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: VD063957.D

Acq: 14 Oct 2019 15:55

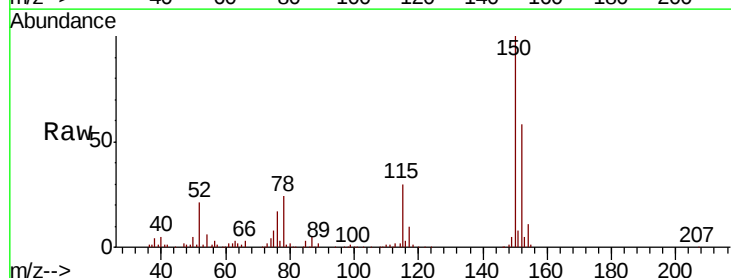
Tgt Ion:152 Resp: 130036

Ion Ratio Lower Upper

152 100

115 54.2 25.9 77.7

150 162.9 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

