

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063939.D
 Acq On : 11 Oct 2019 16:11
 Operator : VA/SY
 Sample : K5325-04
 Misc : 6.63G/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-D

Quant Time: Oct 12 02:17:21 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	140018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	246200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	253551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	80550	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
35) Dibromofluoromethane	7.92	113	79550	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.34	98	332925	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.63	95	104564	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

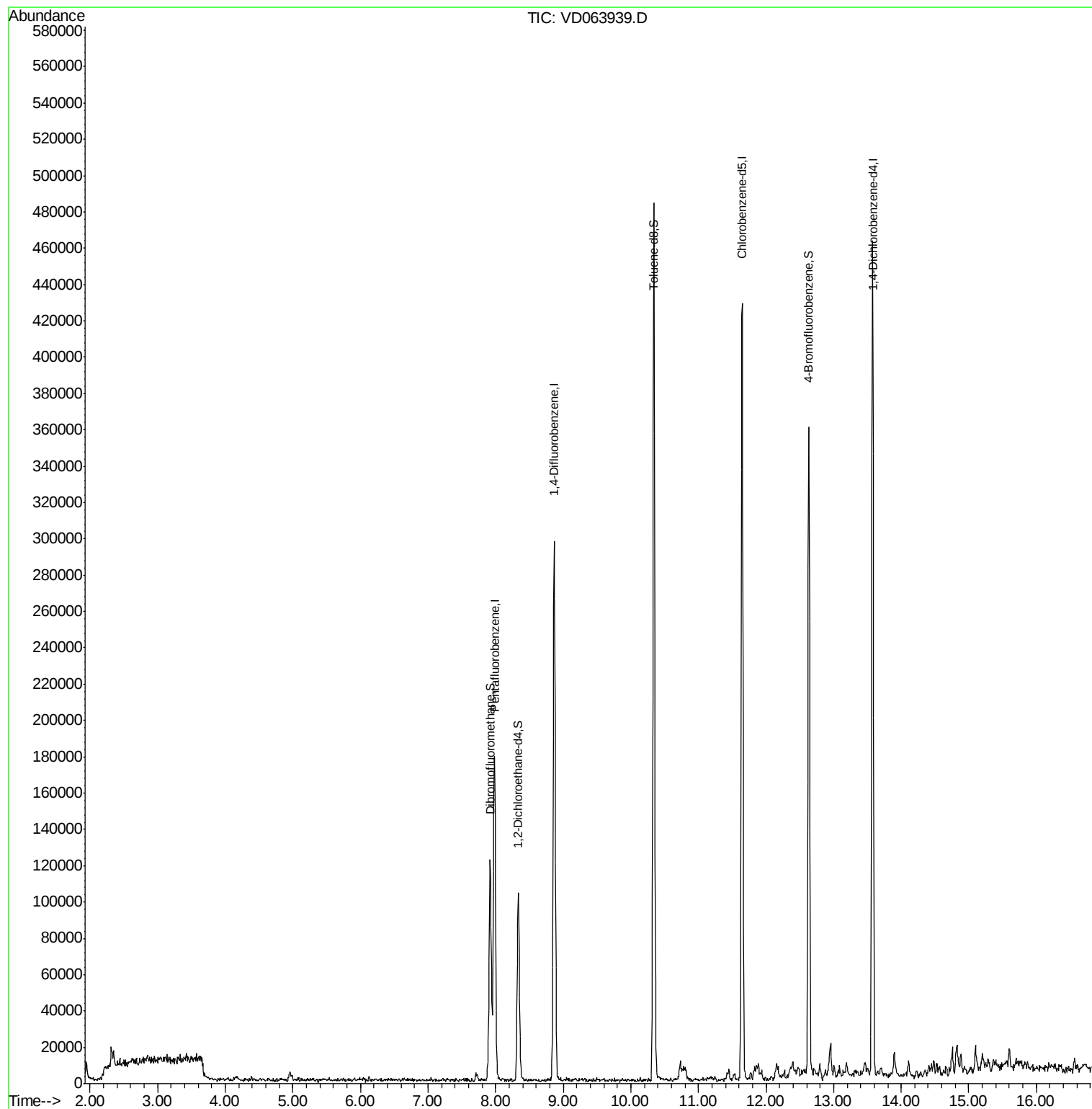
Target Compounds	Qvalue

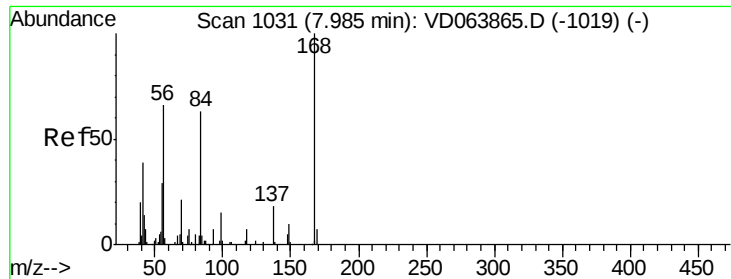
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063939.D

Acq: 11 Oct 2019 16:11

Instrument :

MSVOA_D

ClientSampleId :

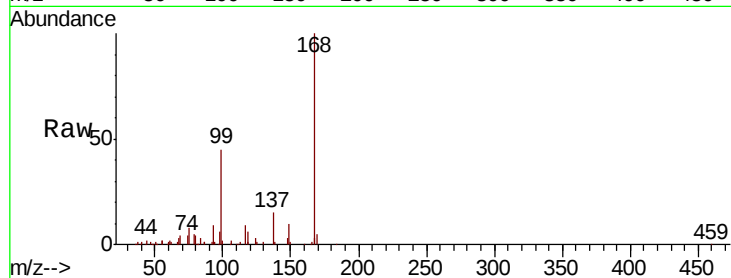
10-10-D

Tot Ion:168 Resp: 140018

Ion Ratio Lower Upper

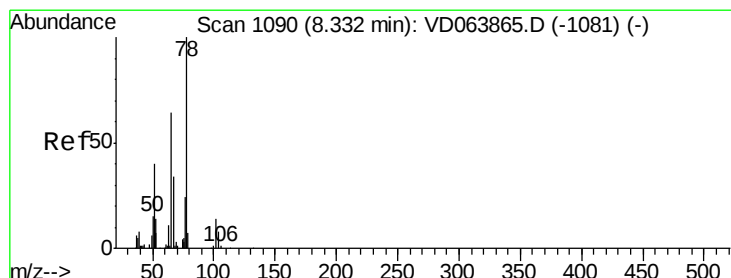
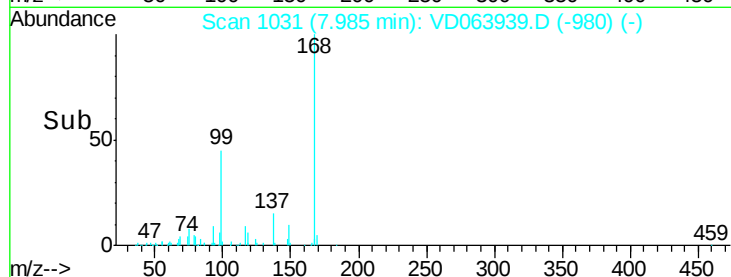
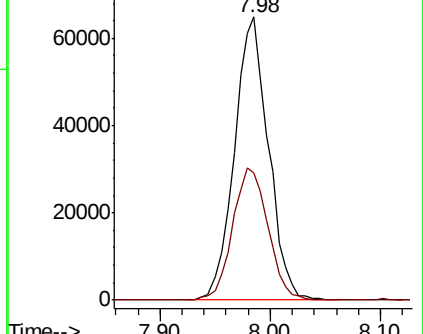
168 100

99 44.7 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: 59.090 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063939.D

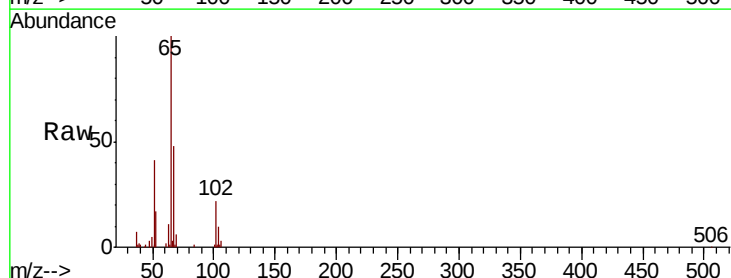
Acq: 11 Oct 2019 16:11

Tgt Ion: 65 Resp: 80550

Ion Ratio Lower Upper

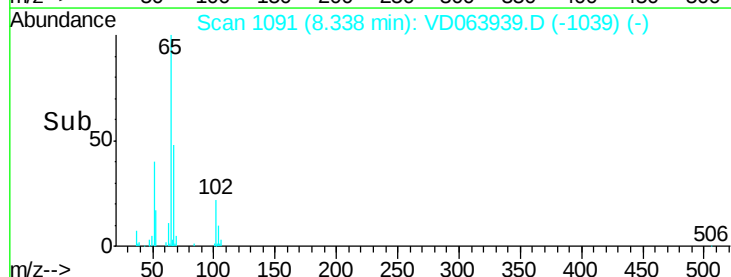
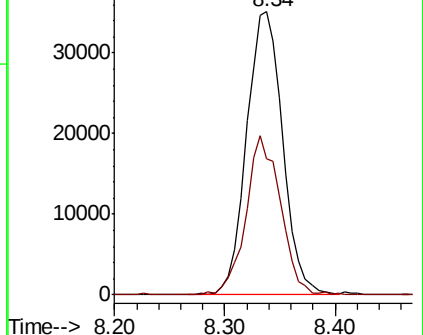
65 100

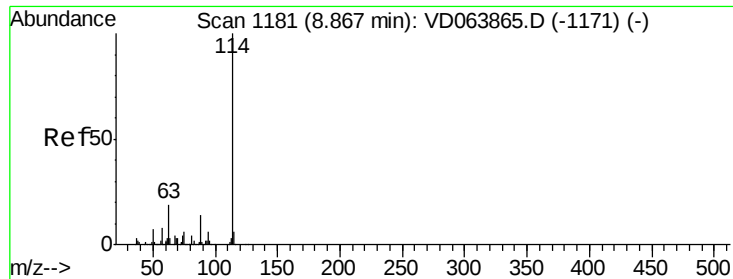
67 53.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

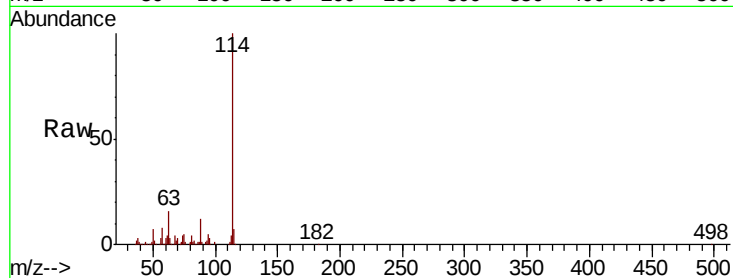




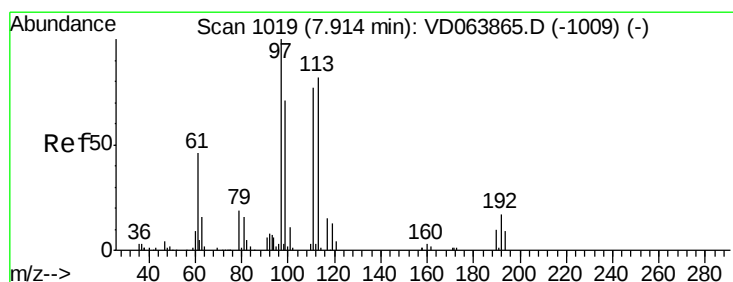
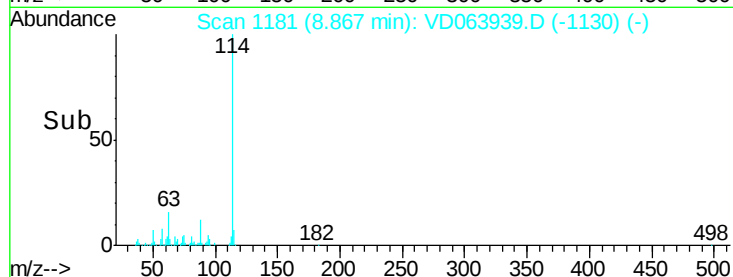
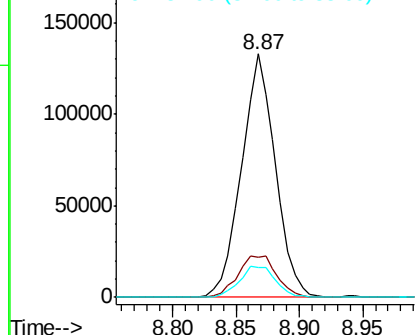
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063939.D
Acq: 11 Oct 2019 16:11

Instrument :
MSVOA_D
ClientSampleId :
10-10-D

Tot Ion:114 Resp: 246200
Ion Ratio Lower Upper
114 100
63 16.4 0.0 38.4
88 12.1 0.0 27.4

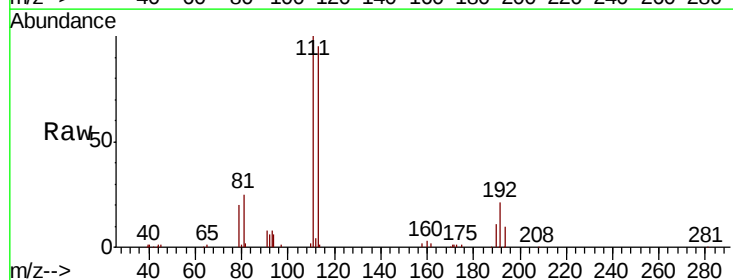


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

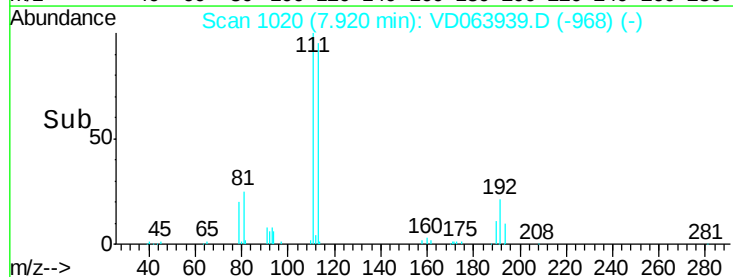
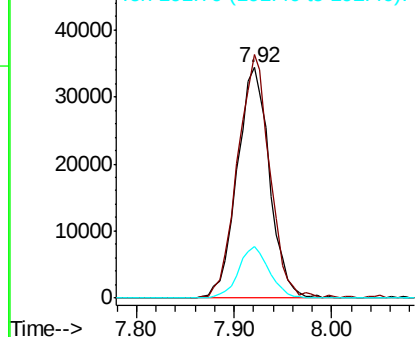


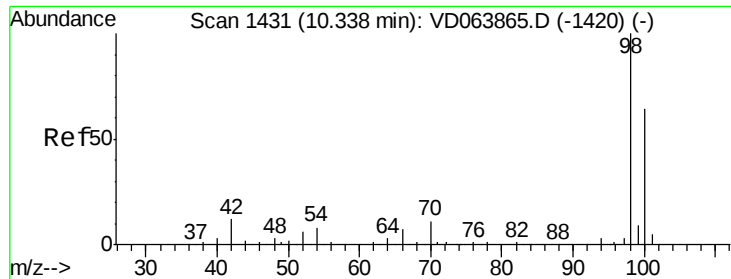
#35
Dibromofluoromethane
Concen: 52.871 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063939.D
Acq: 11 Oct 2019 16:11

Tgt Ion:113 Resp: 79550
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 21.4 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

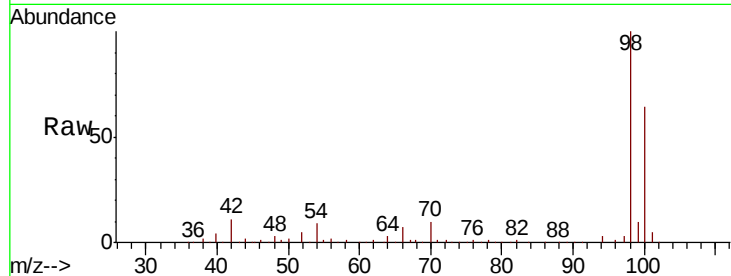




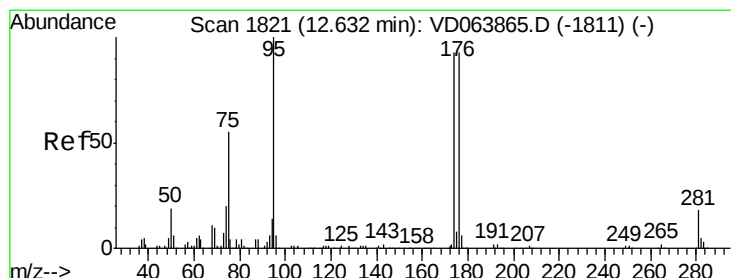
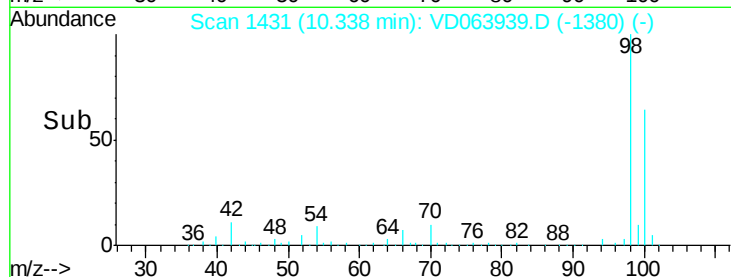
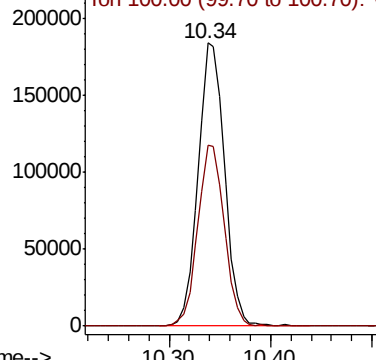
#50
Toluene-d8
Concen: 54.516 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063939.D
Acq: 11 Oct 2019 16:11

Instrument :
MSVOA_D
ClientSampleId :
10-10-D

Tot Ion: 98 Resp: 332925
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

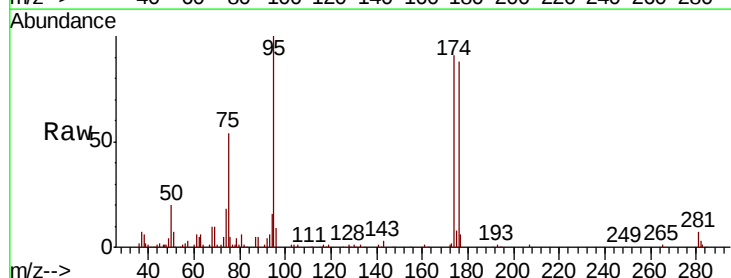


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

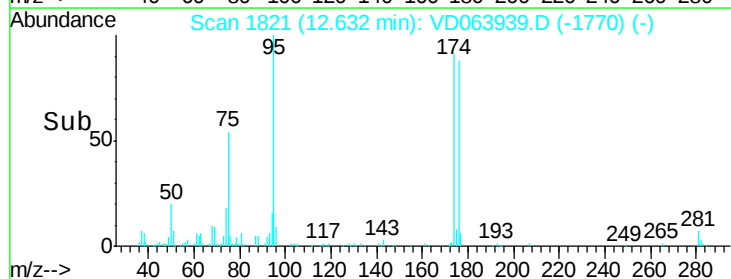
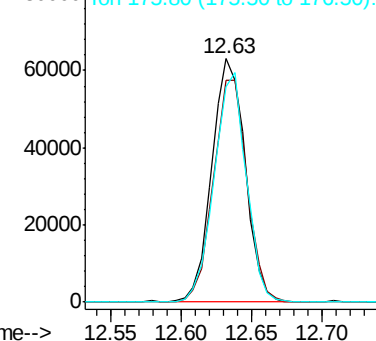


#62
4-Bromofluorobenzene
Concen: 49.272 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063939.D
Acq: 11 Oct 2019 16:11

Tgt Ion: 95 Resp: 104564
Ion Ratio Lower Upper
95 100
174 92.1 0.0 186.4
176 90.7 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: VD063939.D

Acq: 11 Oct 2019 16:11

Instrument :

MSVOA_D

ClientSampleId :

10-10-D

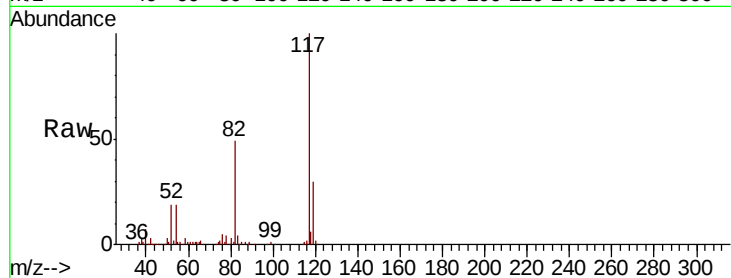
Tot Ion:117 Resp: 253551

Ion Ratio Lower Upper

117 100

82 49.1 42.8 64.2

119 29.8 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

200000

150000

100000

50000

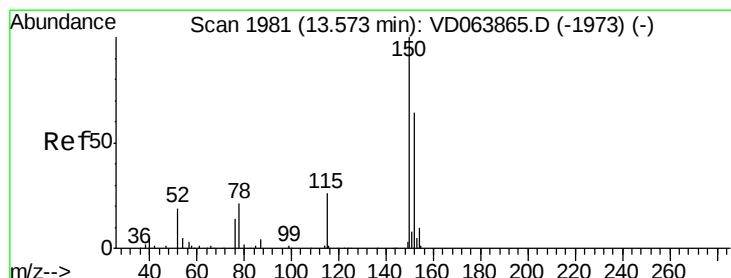
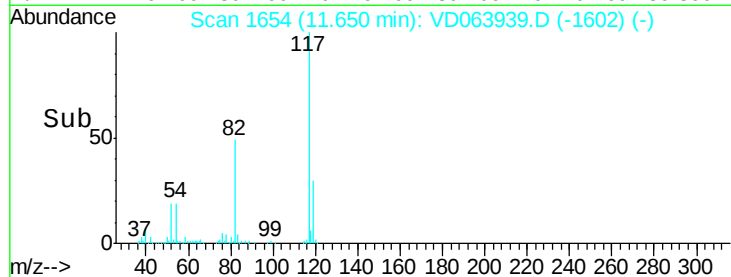
0

11.65

11.60

11.70

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063939.D

Acq: 11 Oct 2019 16:11

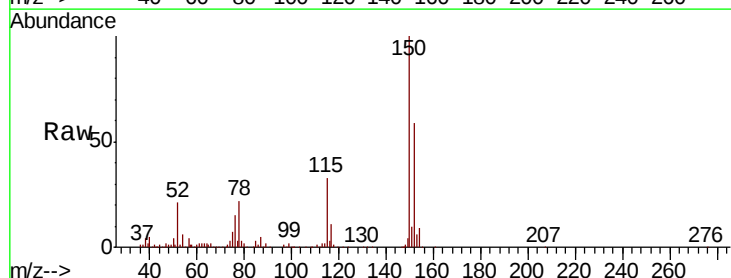
Tgt Ion:152 Resp: 116273

Ion Ratio Lower Upper

152 100

115 55.9 25.9 77.7

150 161.9 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

150000

100000

50000

0

13.58

13.50

13.60

Time-->

