

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101719\
 Data File : VD064000.D
 Acq On : 17 Oct 2019 15:45
 Operator : VA/SY
 Sample : K5436-05
 Misc : 6.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3860-50

Quant Time: Oct 17 17:46:53 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	174373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	328494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	326990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	96395	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	7.92	113	99893	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.34	98	435700	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.64	95	127694	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	

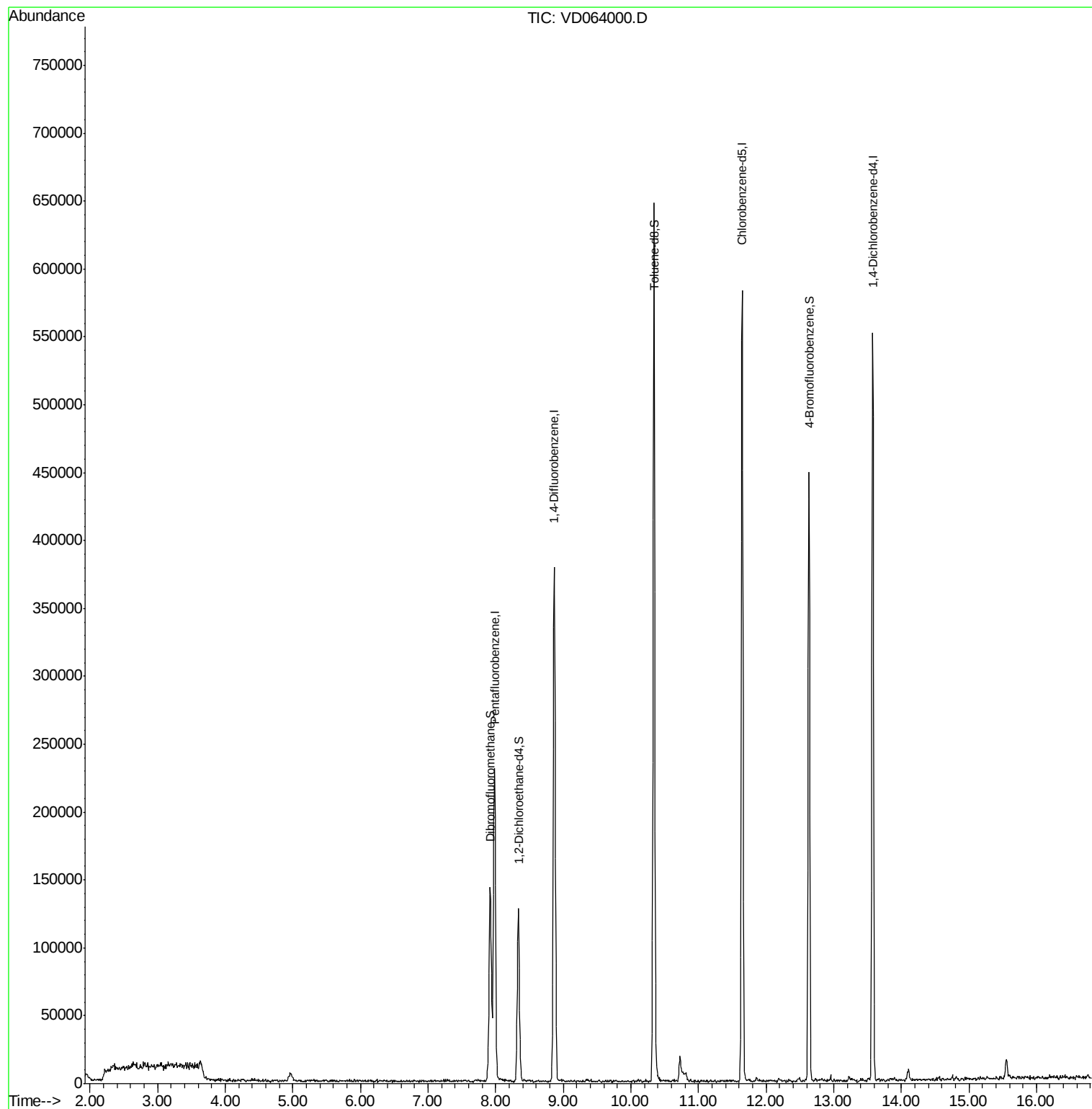
Target Compounds	Qvalue
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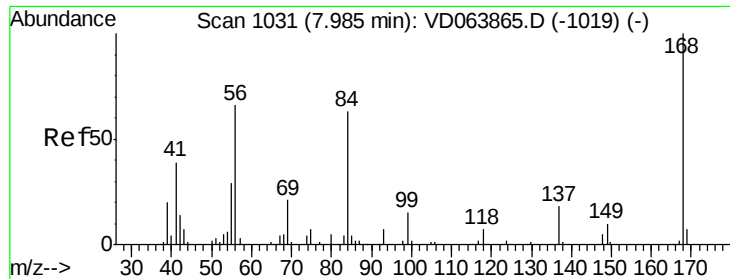
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064000.D

Acq: 17 Oct 2019 15:45

Instrument :

MSVOA_D

ClientSampleId :

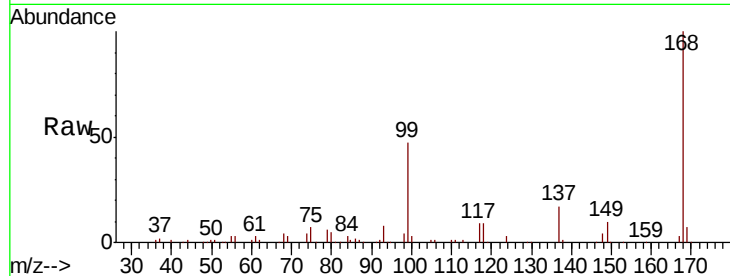
3860-50

Tot Ion:168 Resp: 174373

Ion Ratio Lower Upper

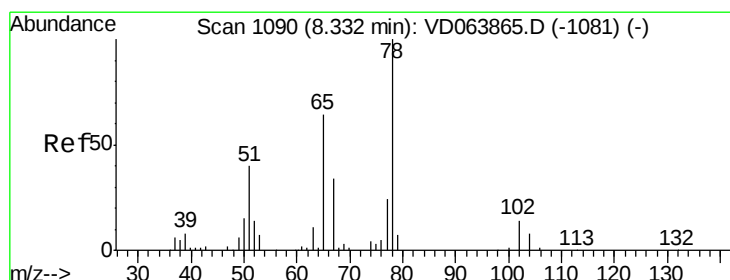
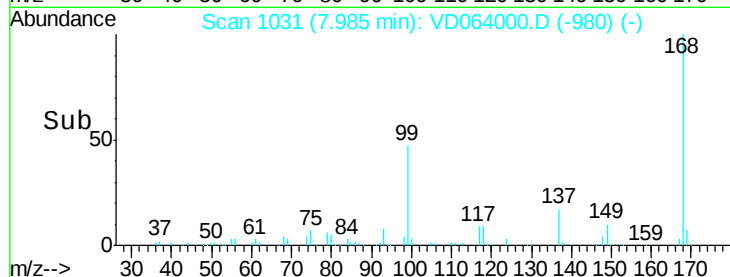
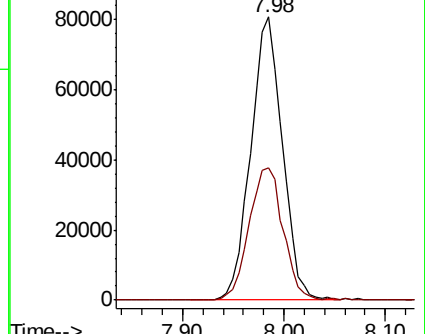
168 100

99 46.5 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: 56.781 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064000.D

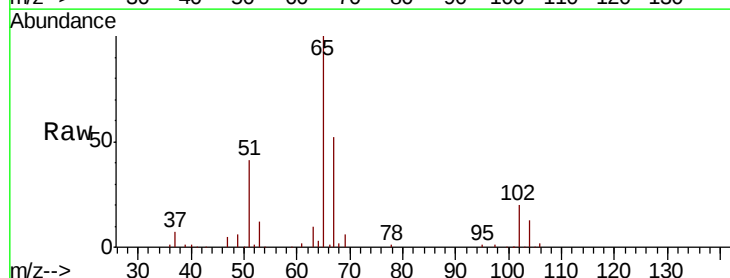
Acq: 17 Oct 2019 15:45

Tgt Ion: 65 Resp: 96395

Ion Ratio Lower Upper

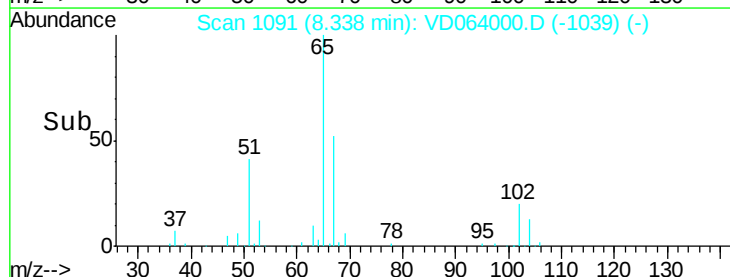
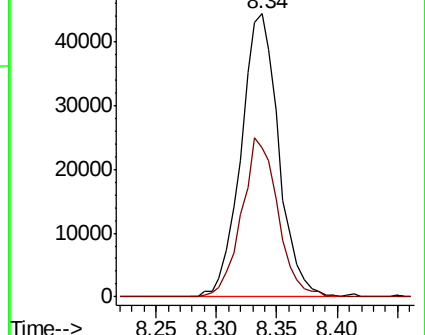
65 100

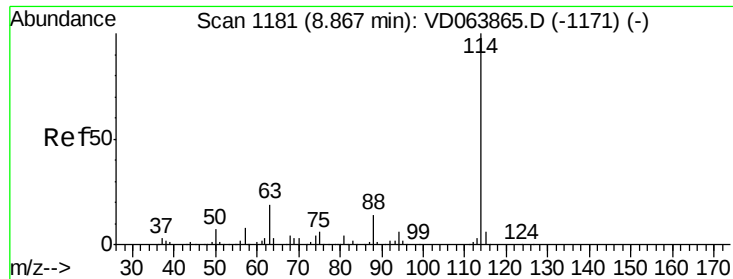
67 54.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

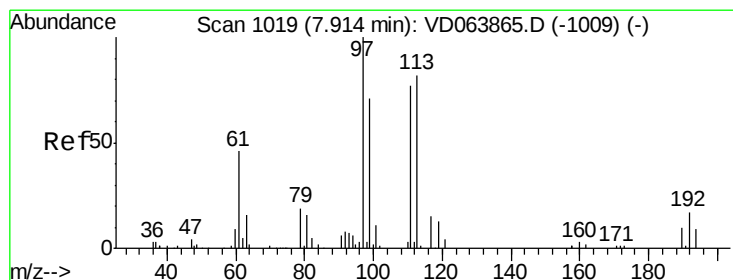
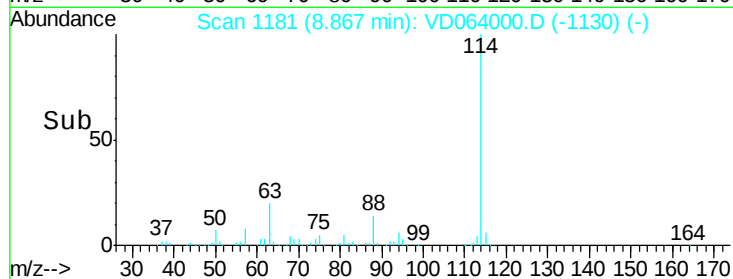
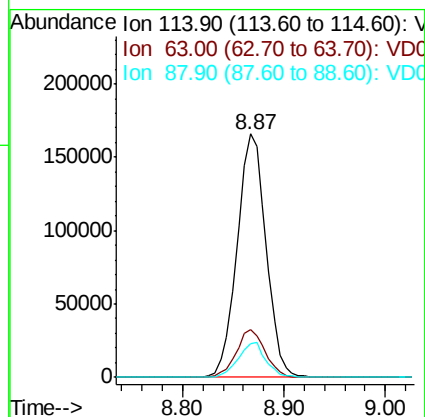
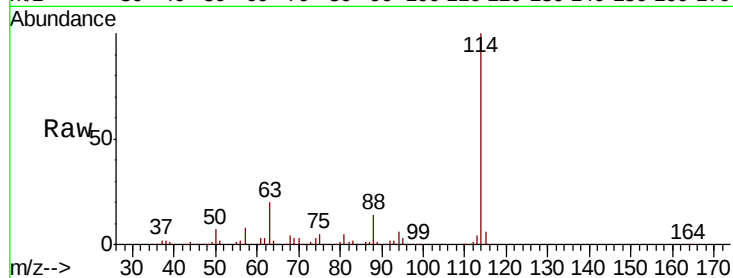




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064000.D
 Acq: 17 Oct 2019 15:45

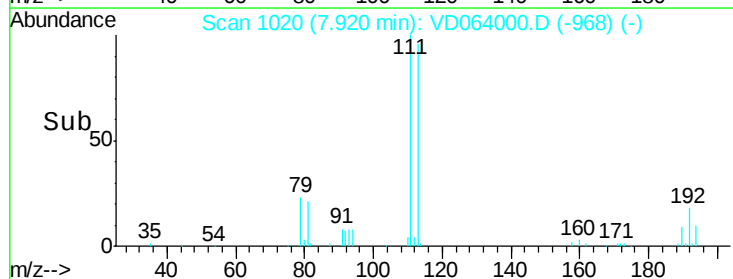
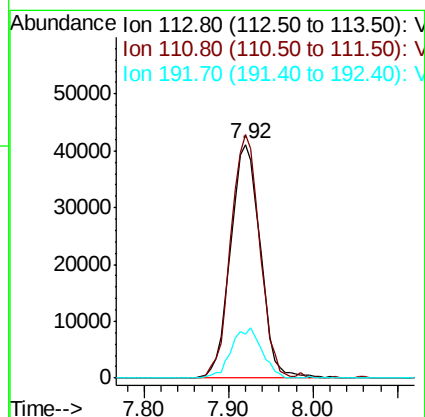
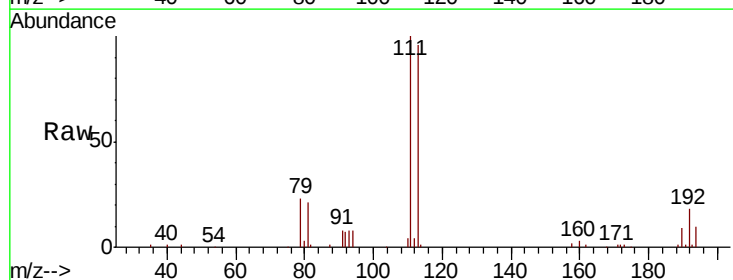
Instrument :
 MSVOA_D
 ClientSampleId :
 3860-50

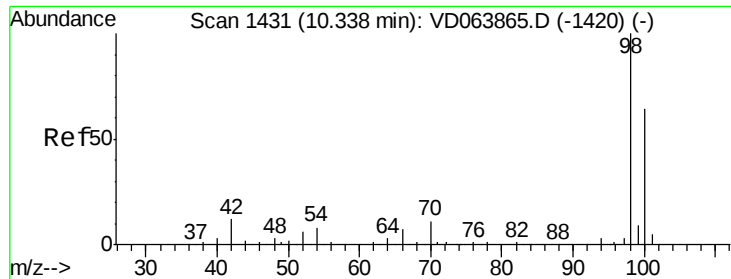
Tot Ion:114 Resp: 328494
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 13.9 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 49.759 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064000.D
 Acq: 17 Oct 2019 15:45

Tgt Ion:113 Resp: 99893
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.6 123.8
 192 22.1 17.1 25.7

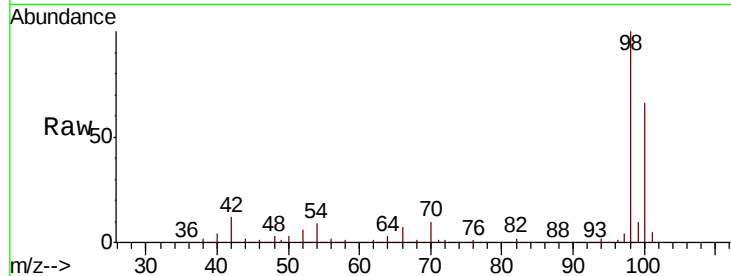




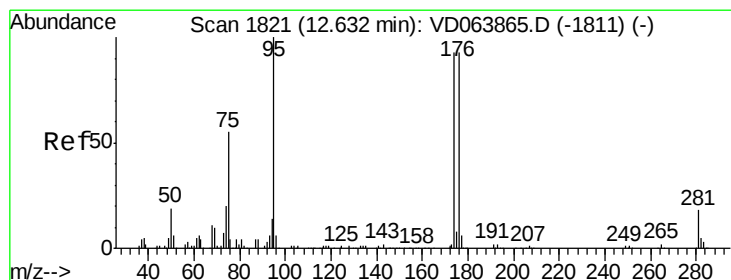
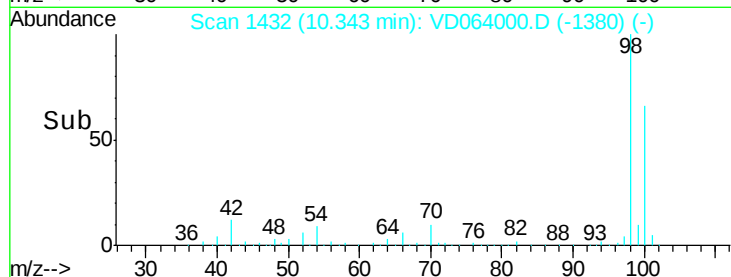
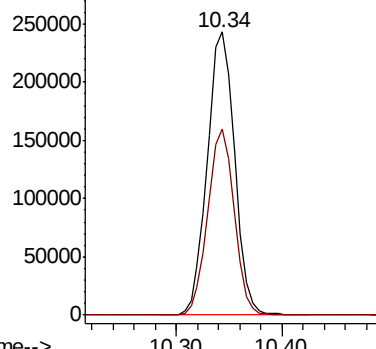
#50
Toluene-d8
Concen: 53.472 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064000.D
Acq: 17 Oct 2019 15:45

Instrument :
MSVOA_D
ClientSampled :
3860-50

Tot Ion: 98 Resp: 435700
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

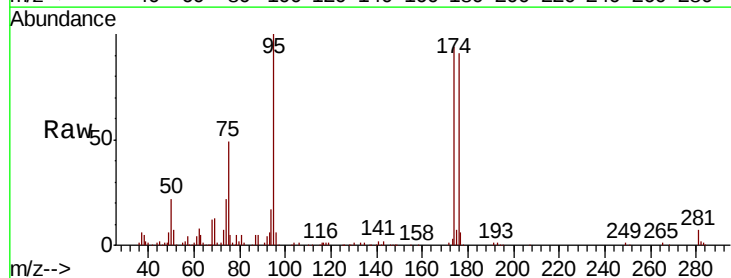


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

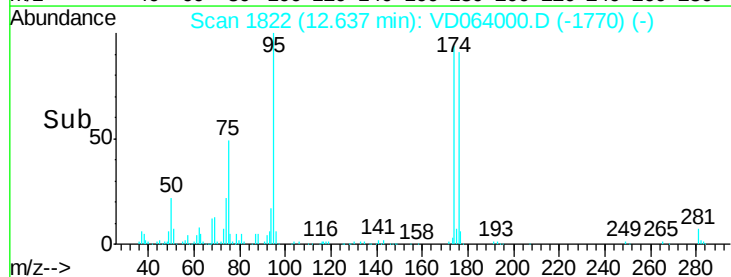
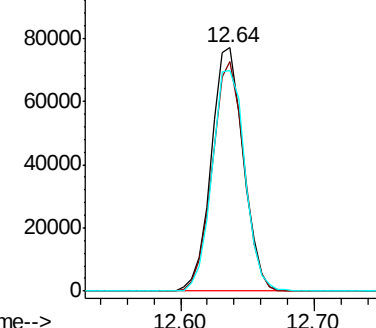


#62
4-Bromofluorobenzene
Concen: 45.097 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064000.D
Acq: 17 Oct 2019 15:45

Tgt Ion: 95 Resp: 127694
Ion Ratio Lower Upper
95 100
174 92.9 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): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064000.D

Acq: 17 Oct 2019 15:45

Instrument :

MSVOA_D

ClientSampled :

3860-50

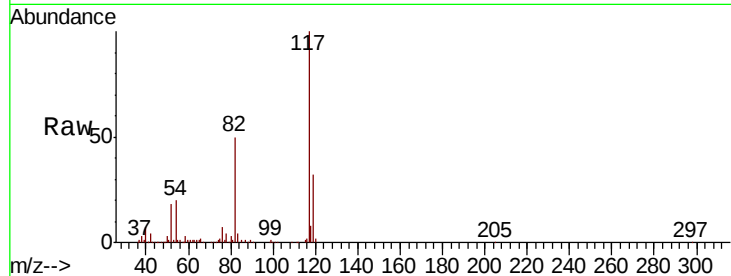
Tot Ion:117 Resp: 326990

Ion Ratio Lower Upper

117 100

82 49.8 42.8 64.2

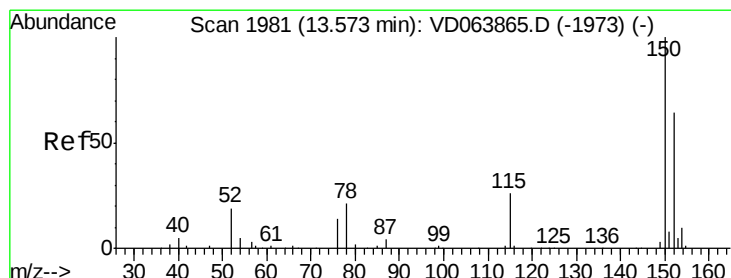
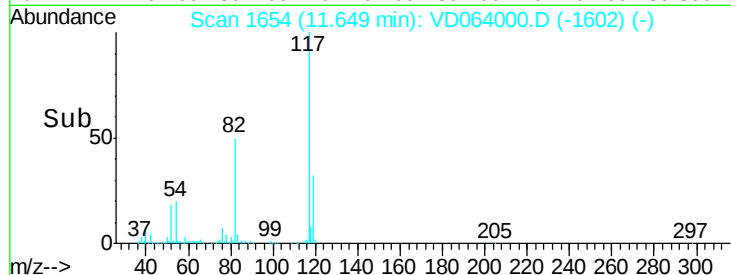
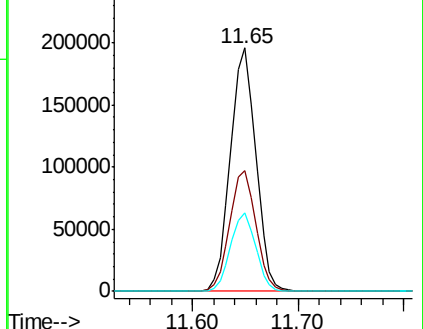
119 32.1 24.4 36.6



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: VD064000.D

Acq: 17 Oct 2019 15:45

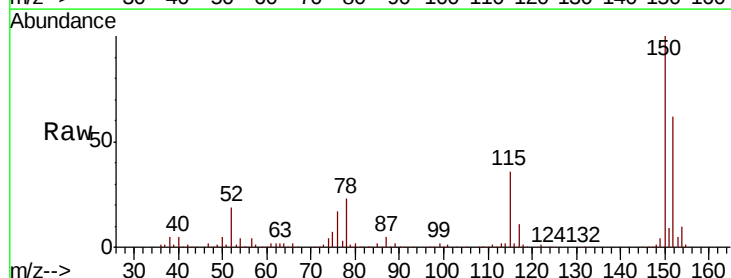
Tgt Ion:152 Resp: 145555

Ion Ratio Lower Upper

152 100

115 55.5 25.9 77.7

150 157.5 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

