

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063398.D
 Acq On : 6 Aug 2019 14:51
 Operator : JC/SY
 Sample : K4165-01
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW3-S-8-12-SOIL

Quant Time: Aug 07 07:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

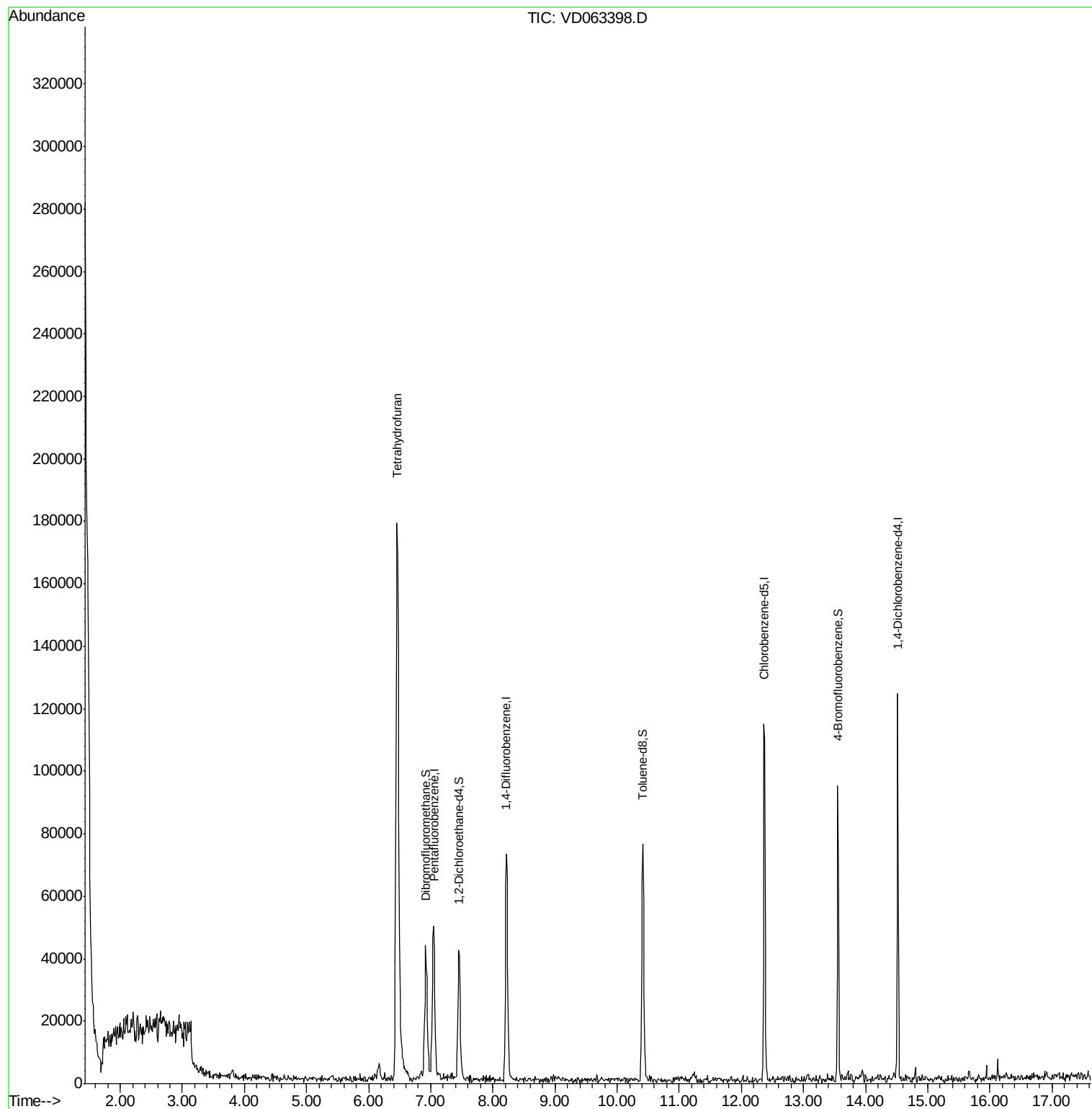
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	51825	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	82288	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	67834	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	24984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	47165	82.02	ug/l	0.01
Spiked Amount 50.000			Recovery	=	164.04%	
35) Dibromofluoromethane	6.92	113	34501	49.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.41	98	62736	39.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	13.55	95	24503	34.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.40%	
Target Compounds						
29) Tetrahydrofuran	6.46	42	159524	2996.531	ug/l	Qvalue 99

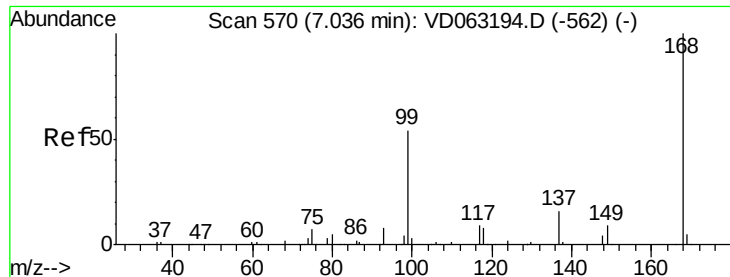
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

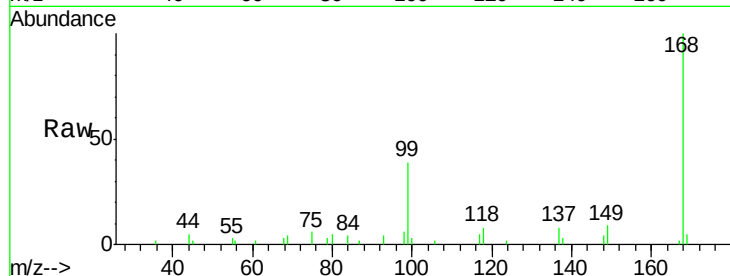
CP-MW3-S-8-12-SOIL

Tot Ion:168 Resp: 51825

Ion Ratio Lower Upper

168 100

99 38.5 43.7 65.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

20000

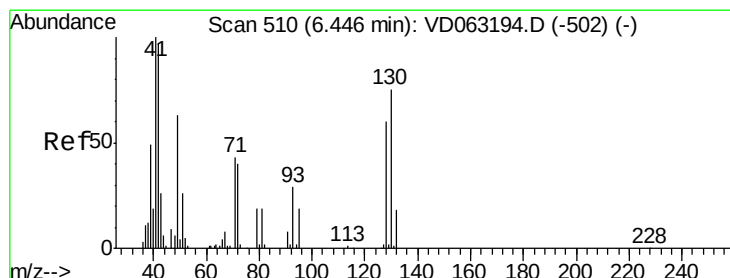
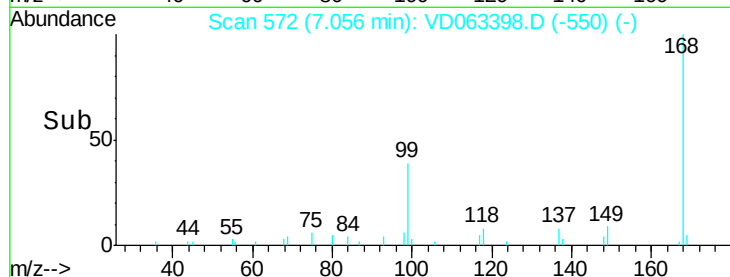
15000

10000

5000

0

Time--> 6.90 7.00 7.10 7.20



#29

Tetrahydrofuran

Concen: 2996.531 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

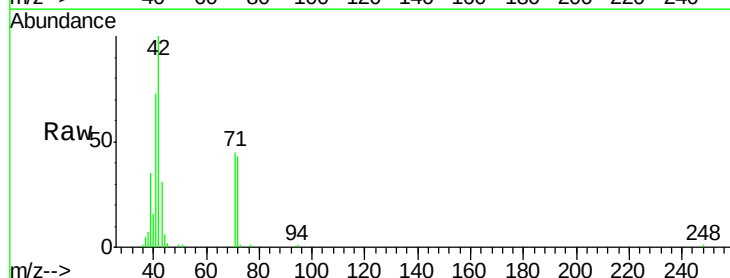
Tgt Ion: 42 Resp: 159524

Ion Ratio Lower Upper

42 100

72 41.1 33.4 50.2

71 43.4 35.7 53.5



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.46

60000

50000

40000

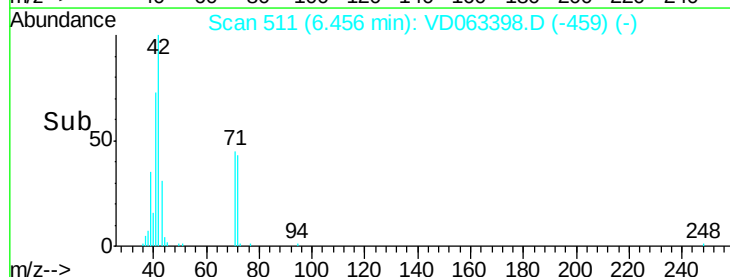
30000

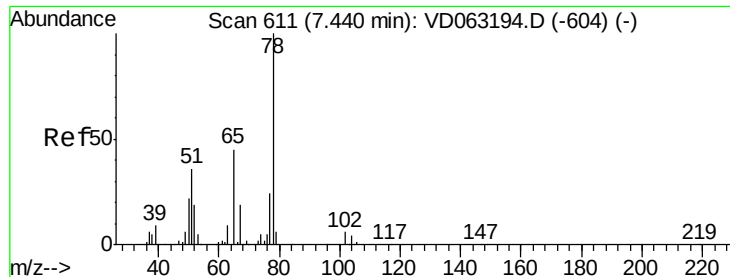
20000

10000

0

Time--> 6.30 6.40 6.50 6.60 6.70





#33

1,2-Dichloroethane-d4

Concen: 82.019 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

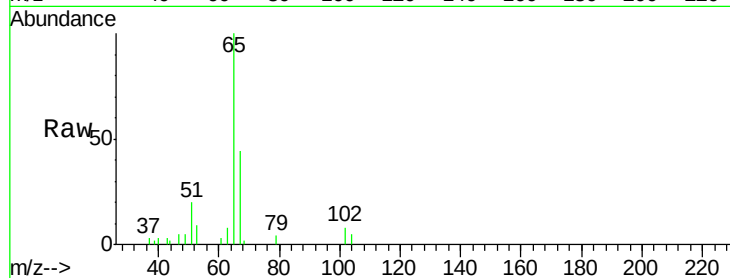
CP-MW3-S-8-12-SOIL

Tot Ion: 65 Resp: 47165

Ion Ratio Lower Upper

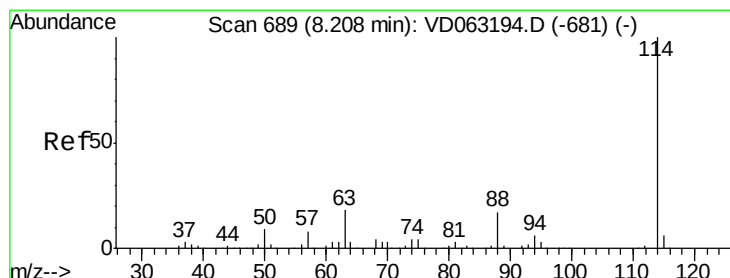
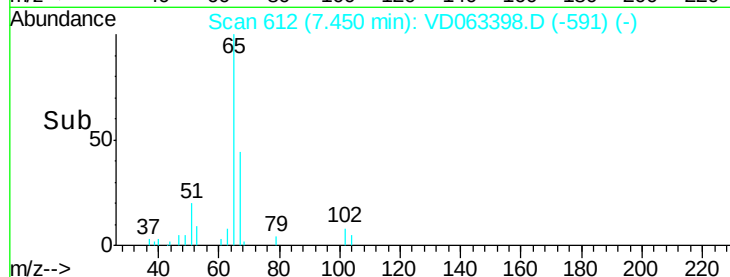
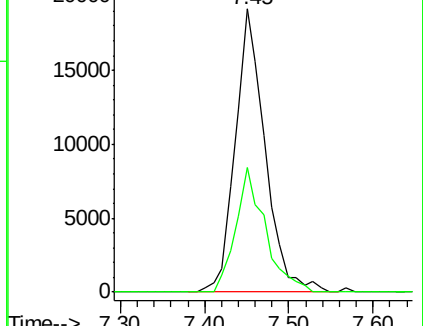
65 100

67 44.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

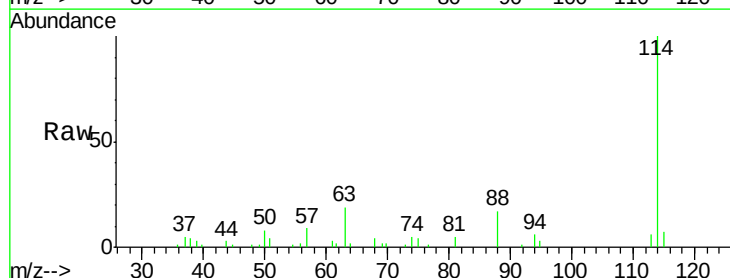
Tgt Ion: 114 Resp: 82288

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.2

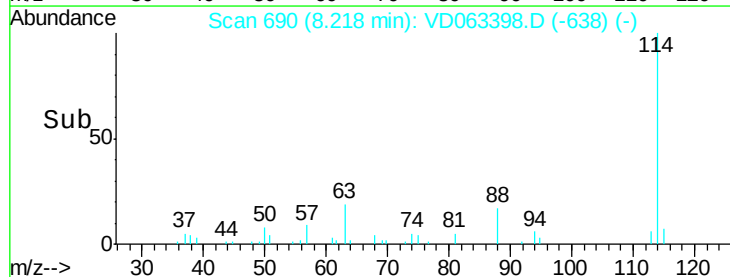
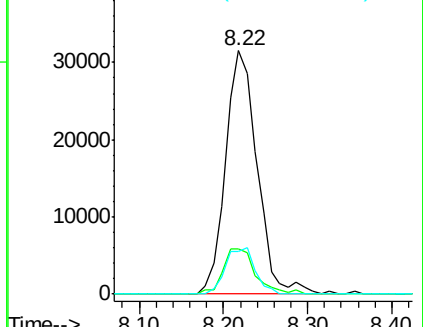
88 17.5 0.0 34.6

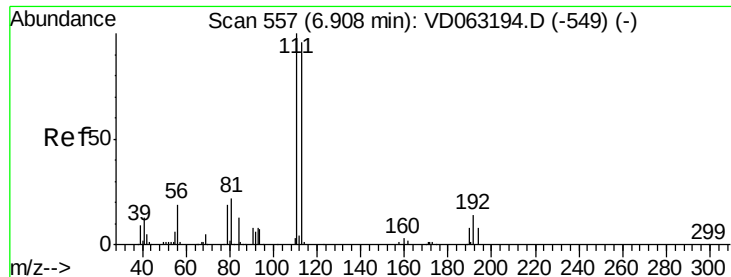


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.107 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

CP-MW3-S-8-12-SOIL

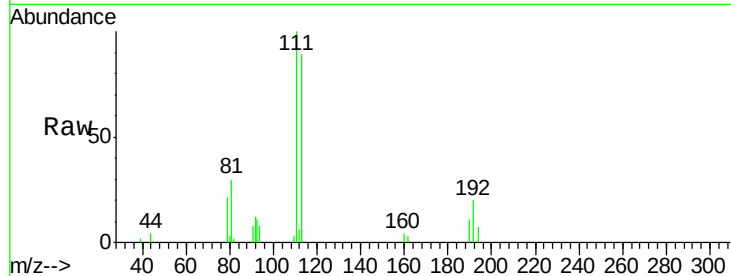
Tot Ion:113 Resp: 34501

Ion Ratio Lower Upper

113 100

111 112.1 83.2 124.8

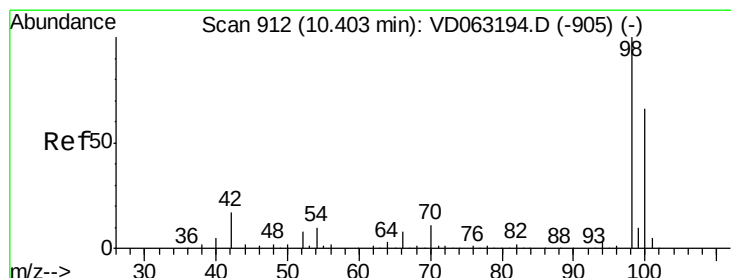
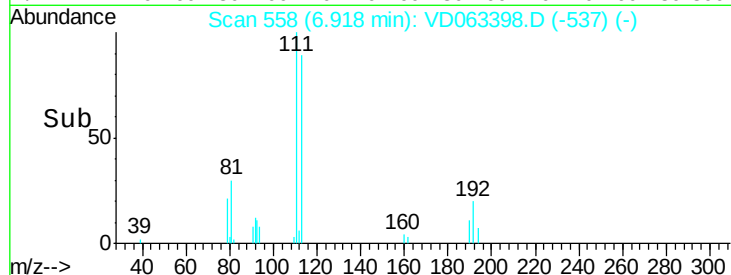
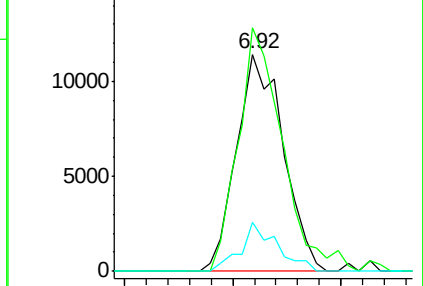
192 22.4 11.8 17.8#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 39.900 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063398.D

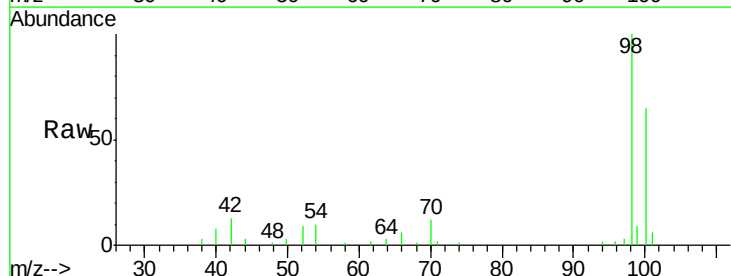
Acq: 6 Aug 2019 14:51

Tgt Ion: 98 Resp: 62736

Ion Ratio Lower Upper

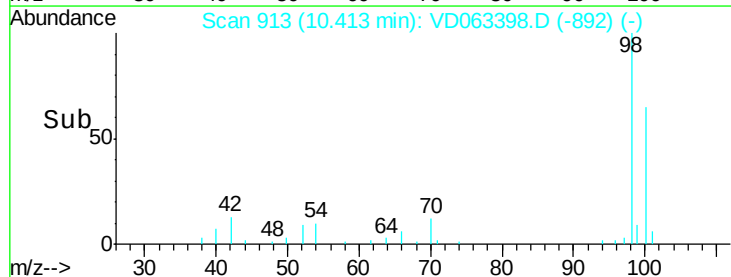
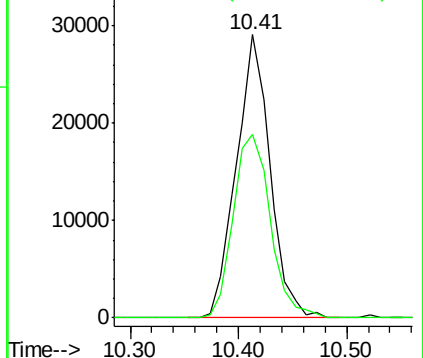
98 100

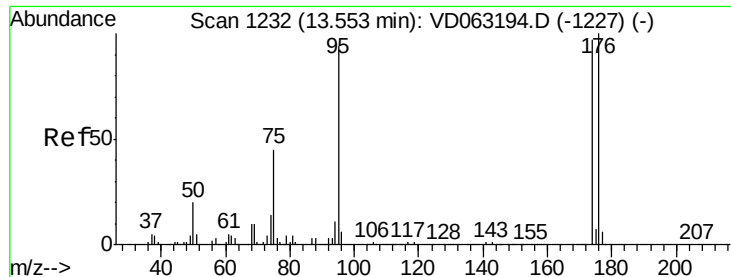
100 64.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

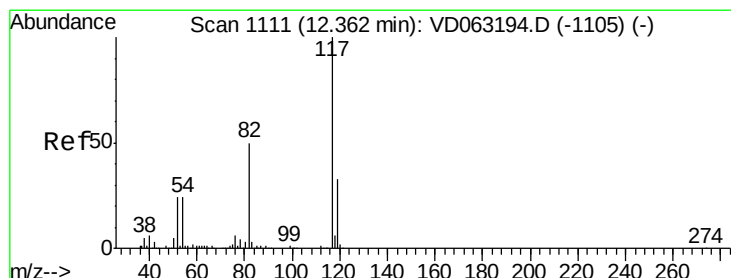
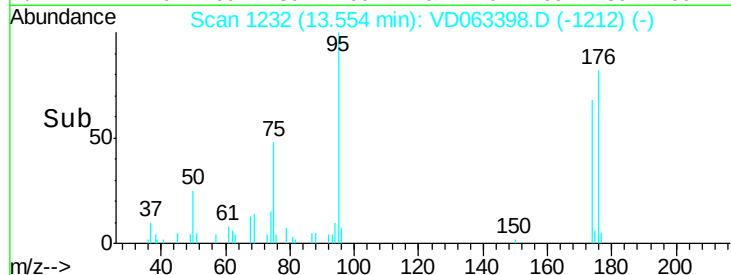
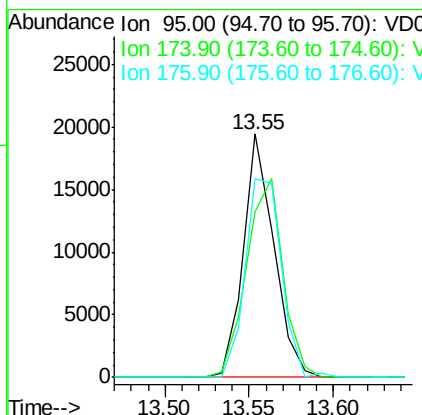
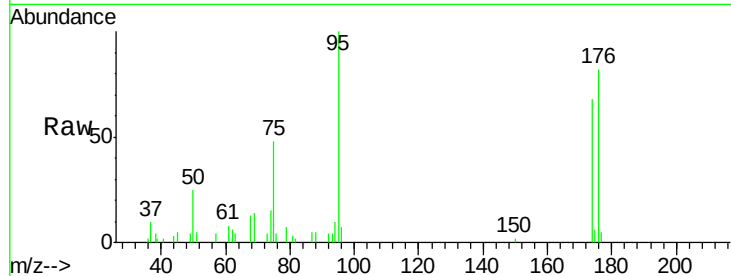




#62
4-Bromofluorobenzene
Concen: 34.198 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063398.D
Acq: 6 Aug 2019 14:51

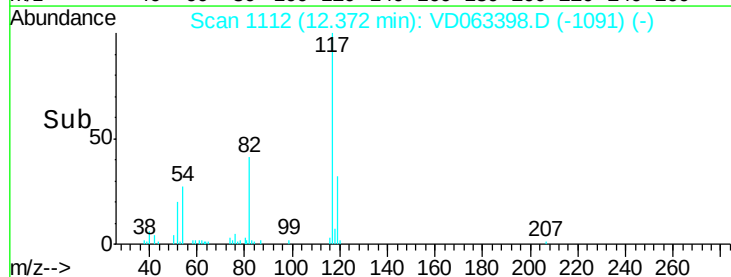
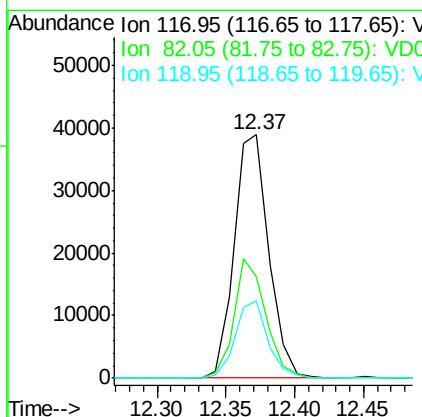
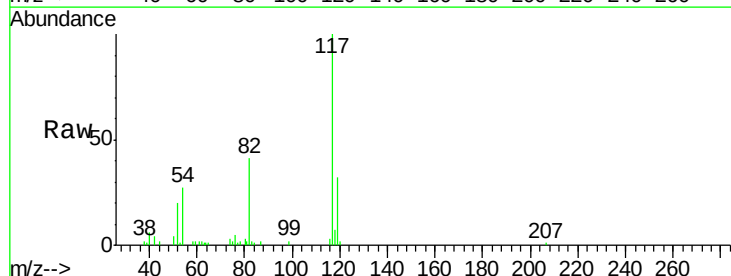
Instrument :
MSVOA_D
ClientSampleId :
CP-MW3-S-8-12-SOIL

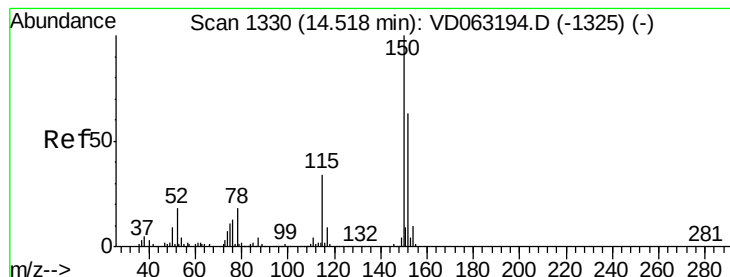
Tot Ion: 95 Resp: 24503
Ion Ratio Lower Upper
95 100
174 68.1 0.0 205.4
176 81.6 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063398.D
Acq: 6 Aug 2019 14:51

Tgt Ion: 117 Resp: 67834
Ion Ratio Lower Upper
117 100
82 41.5 40.1 60.1
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063398.D

Acq: 6 Aug 2019 14:51

Instrument :

MSVOA_D

ClientSampleId :

CP-MW3-S-8-12-SOIL

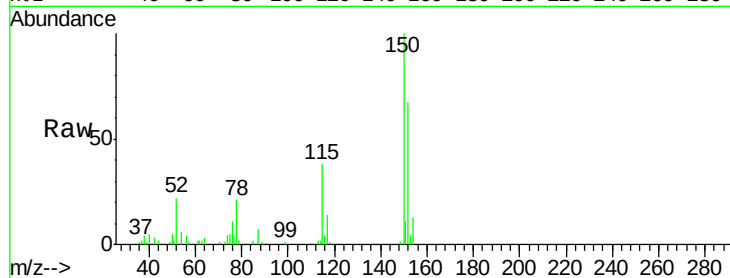
Tot Ion:152 Resp: 24984

Ion Ratio Lower Upper

152 100

115 57.4 27.5 82.4

150 149.2 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

