

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063399.D
 Acq On : 6 Aug 2019 15:20
 Operator : JC/SY
 Sample : K4165-02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW1-E-12-16-SOIL

Quant Time: Aug 07 07:35:46 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

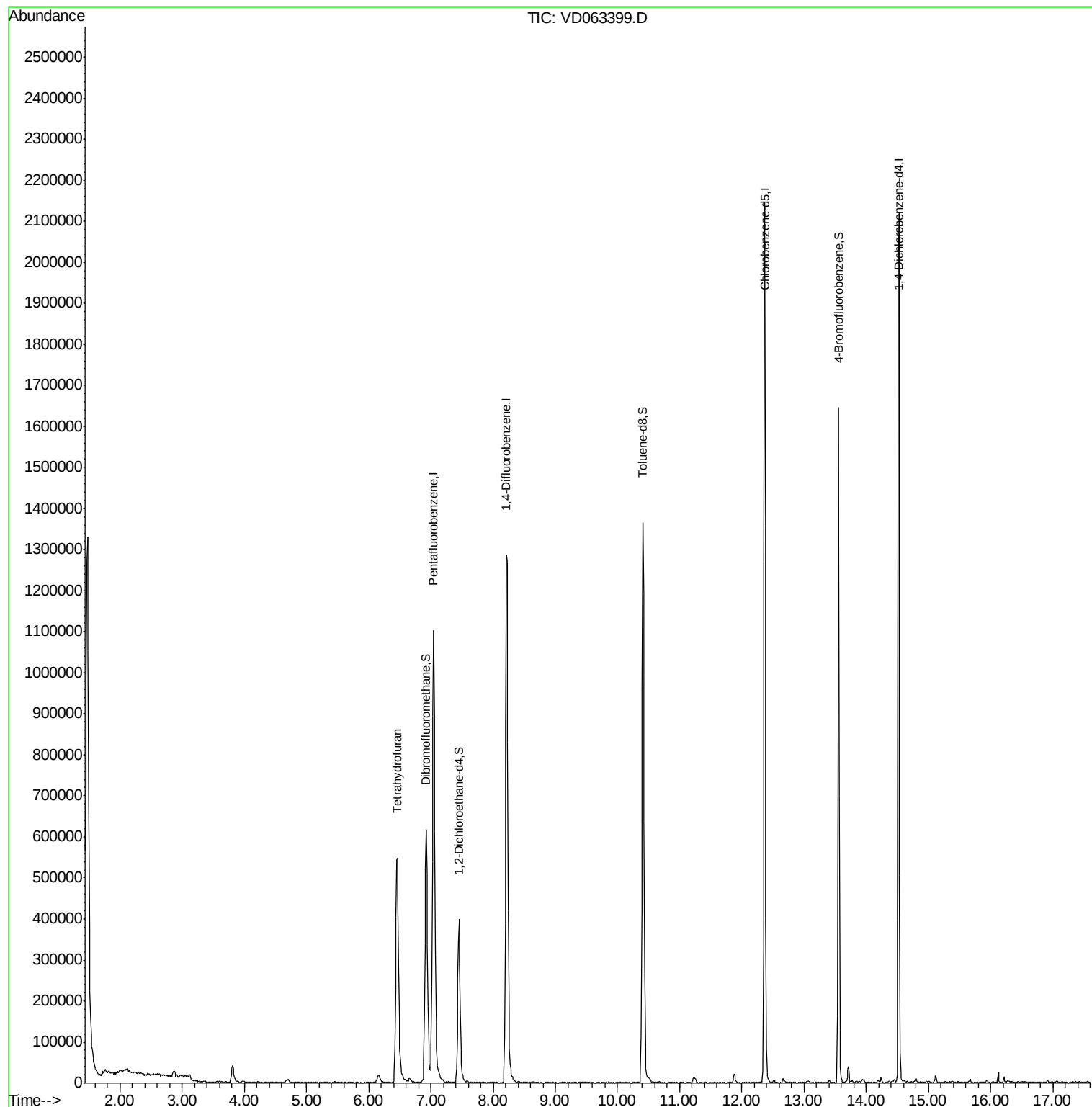
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1034051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1459613	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1124115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	521148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	448656	39.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.20%	
35) Dibromofluoromethane	6.92	113	524960	42.12	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.24%	
50) Toluene-d8	10.41	98	1122502	40.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.50%	
62) 4-Bromofluorobenzene	13.56	95	432579	34.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.08%	
Target Compounds						
29) Tetrahydrofuran	6.45	42	490856	462.109	ug/l	Qvalue 98

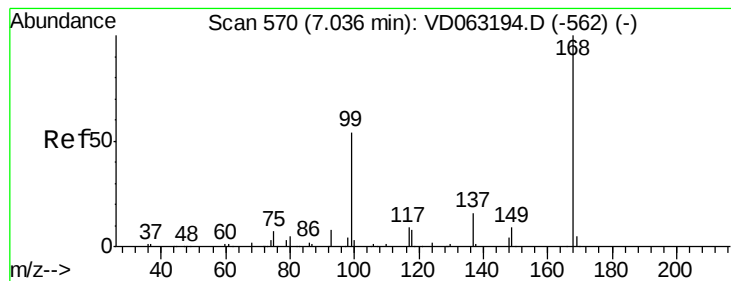
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

Instrument :

MSVOA_D

ClientSampleId :

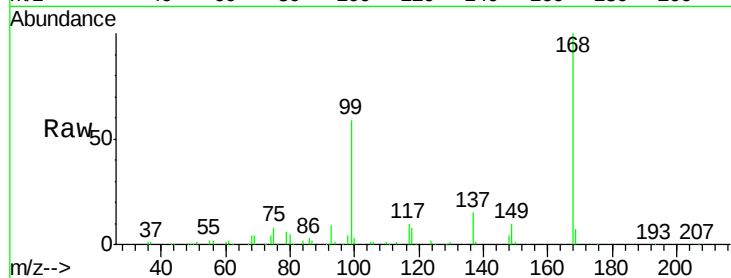
CP-MW1-E-12-16-SOIL

Tot Ion:168 Resp: 1034051

Ion Ratio Lower Upper

168 100

99 58.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

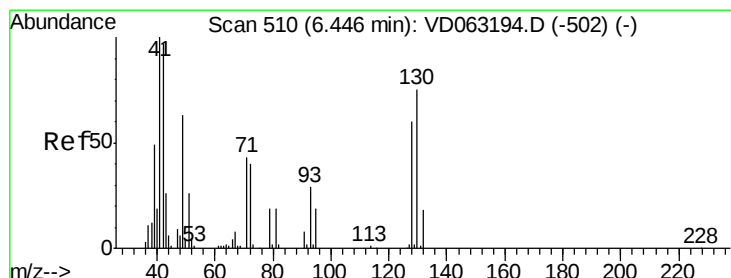
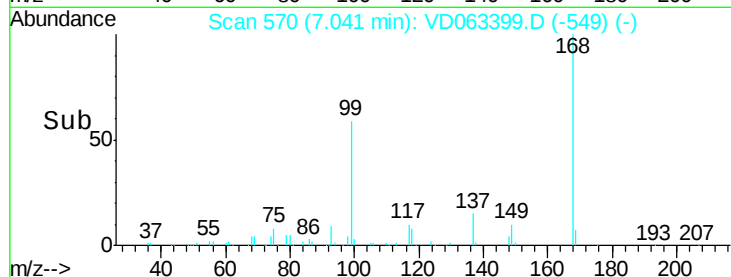
300000

200000

100000

0

Time-->



#29

Tetrahydrofuran

Concen: 462.109 ug/l

RT: 6.45 min Scan# 510

Delta R.T. 0.00 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

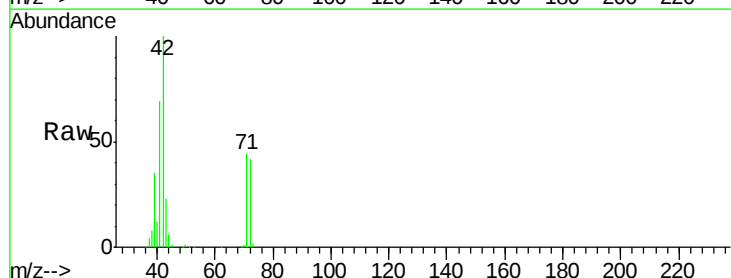
Tgt Ion: 42 Resp: 490856

Ion Ratio Lower Upper

42 100

72 43.1 33.4 50.2

71 45.6 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

6.45

200000

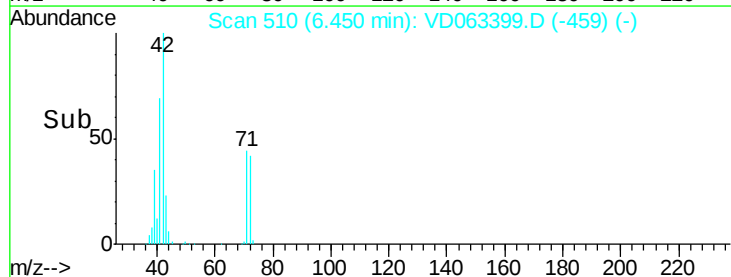
150000

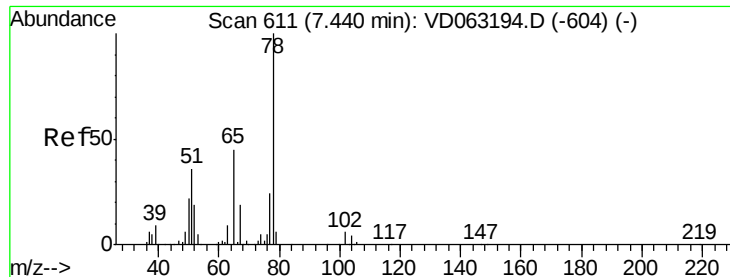
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.103 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

Instrument :

MSVOA_D

ClientSampleId :

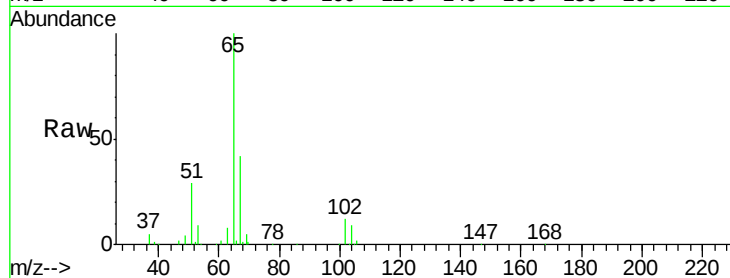
CP-MW1-E-12-16-SOIL

Tot Ion: 65 Resp: 448656

Ion Ratio Lower Upper

65 100

67 42.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

100000

50000

0

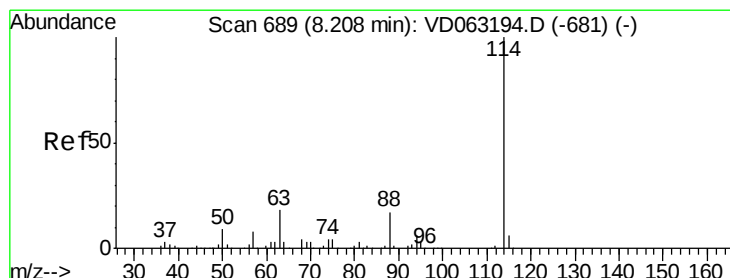
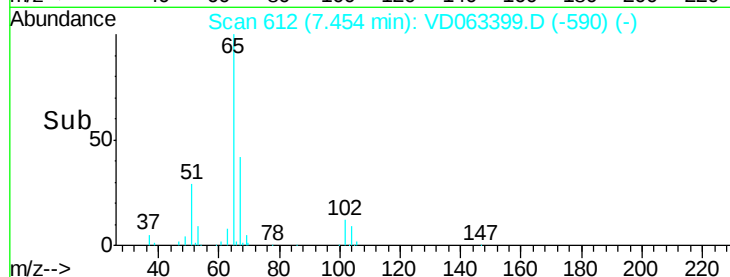
Time-->

7.30

7.40

7.50

7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

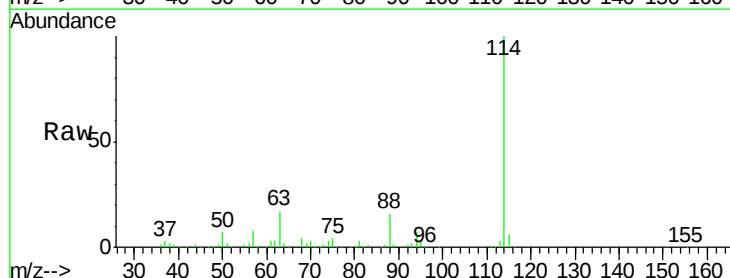
Tgt Ion: 114 Resp: 1459613

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.2

88 15.7 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

8.22

800000

600000

400000

200000

0

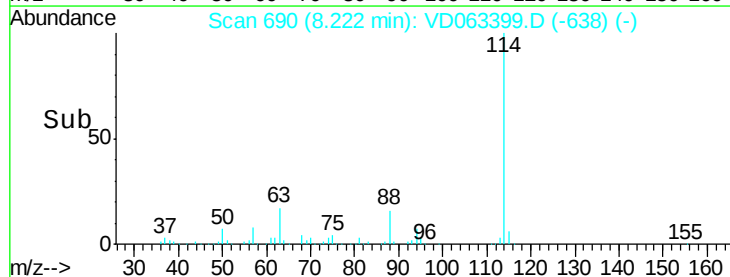
Time-->

8.10

8.20

8.30

8.40





#35

Dibromofluoromethane

Concen: 42.125 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

Instrument :

MSVOA_D

ClientSampleId :

CP-MW1-E-12-16-SOIL

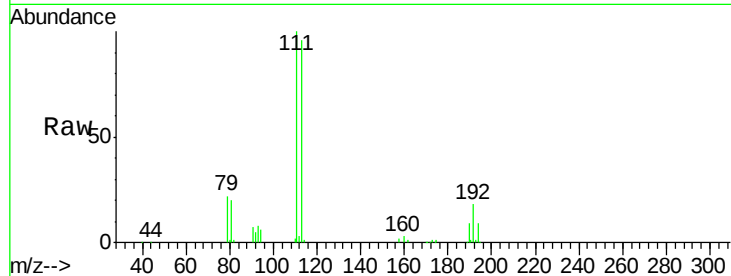
Tot Ion:113 Resp: 524960

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

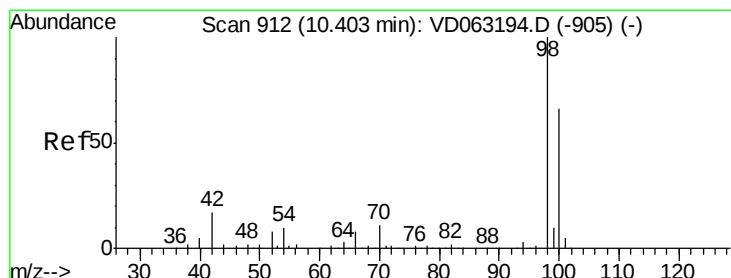
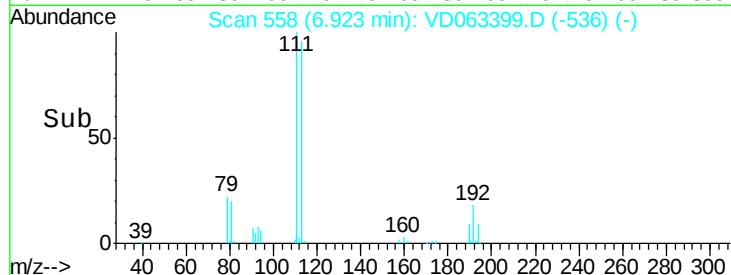
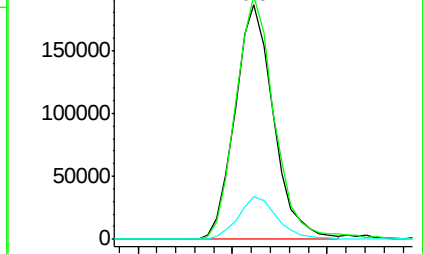
192 18.2 11.8 17.8#



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: 40.248 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063399.D

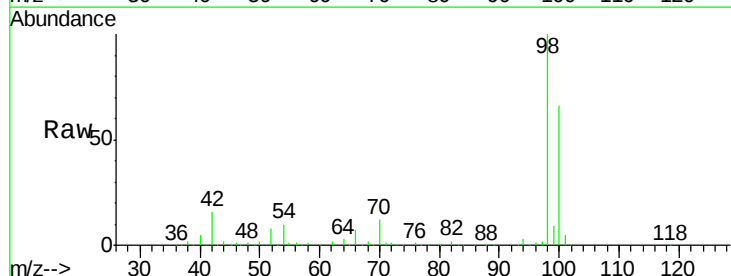
Acq: 6 Aug 2019 15:20

Tgt Ion: 98 Resp: 1122502

Ion Ratio Lower Upper

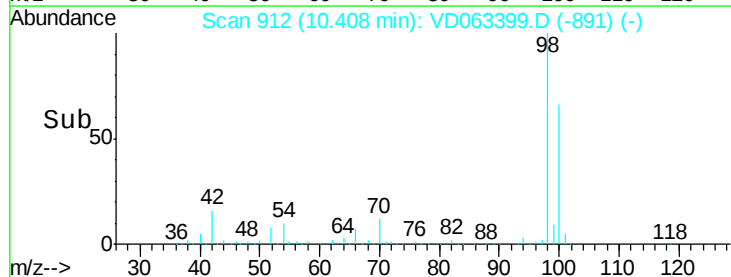
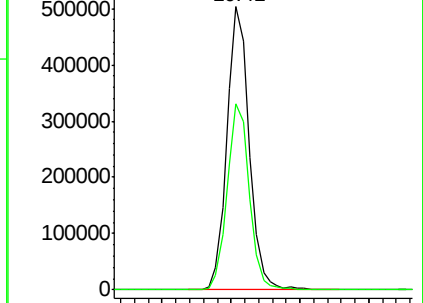
98 100

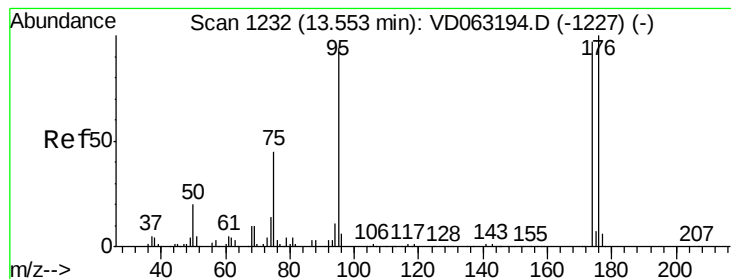
100 65.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 34.036 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

Instrument :

MSVOA_D

ClientSampleId :

CP-MW1-E-12-16-SOIL

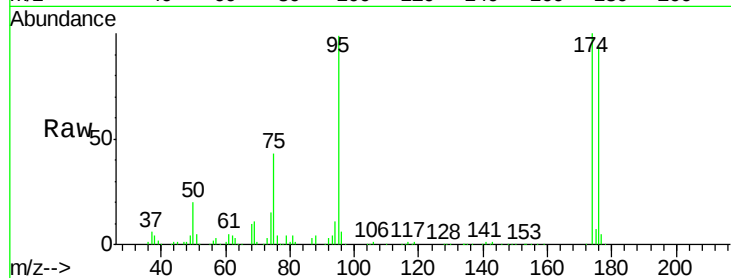
Tot Ion: 95 Resp: 432579

Ion Ratio Lower Upper

95 100

174 101.4 0.0 205.4

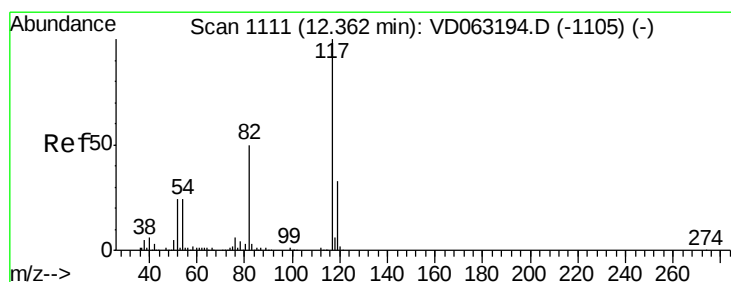
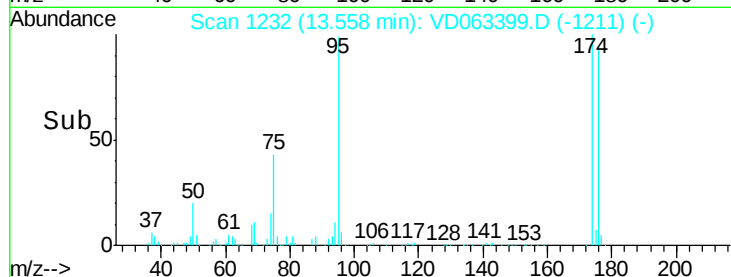
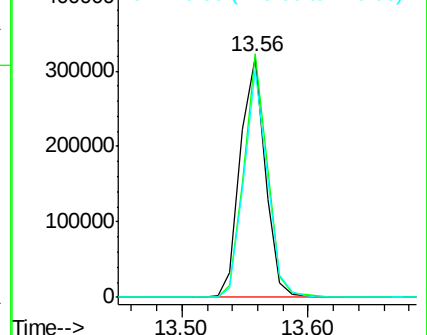
176 95.2 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

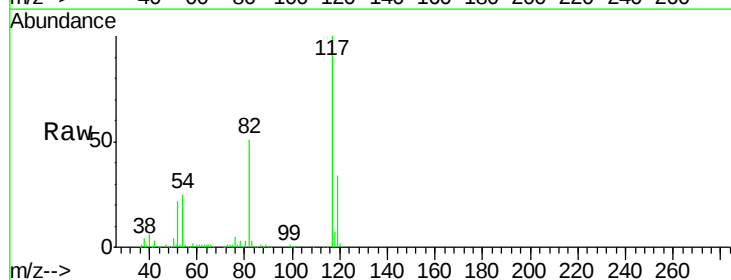
Tgt Ion: 117 Resp: 1124115

Ion Ratio Lower Upper

117 100

82 50.6 40.1 60.1

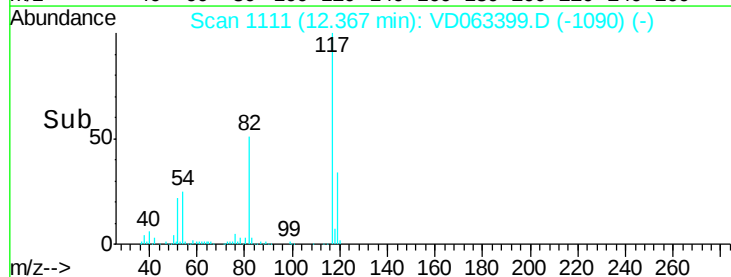
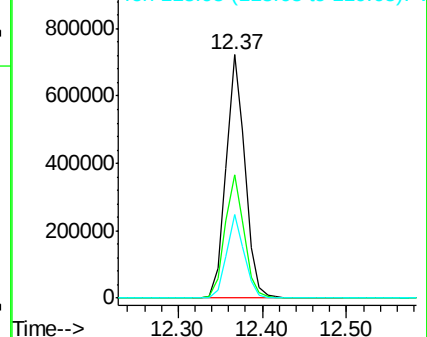
119 34.1 26.5 39.7

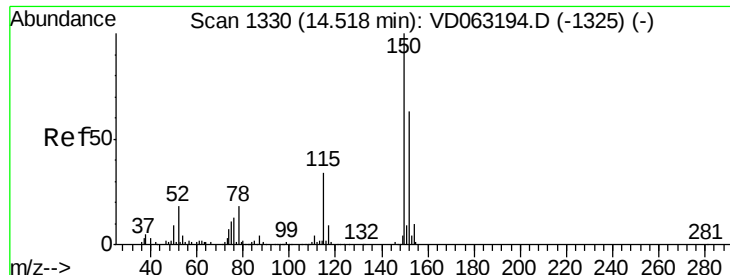


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063399.D

Acq: 6 Aug 2019 15:20

Instrument :

MSVOA_D

ClientSampleId :

CP-MW1-E-12-16-SOIL

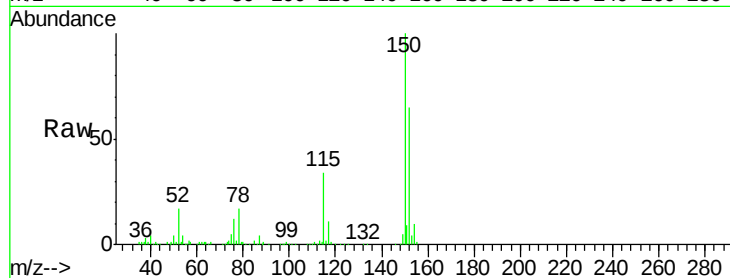
Tot Ion:152 Resp: 521148

Ion Ratio Lower Upper

152 100

115 52.7 27.5 82.4

150 153.6 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

