

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062888.D
 Acq On : 25 Jun 2019 19:20
 Operator : VA/AP
 Sample : K3518-01
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S1-SOIL

Quant Time: Jun 26 07:09:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

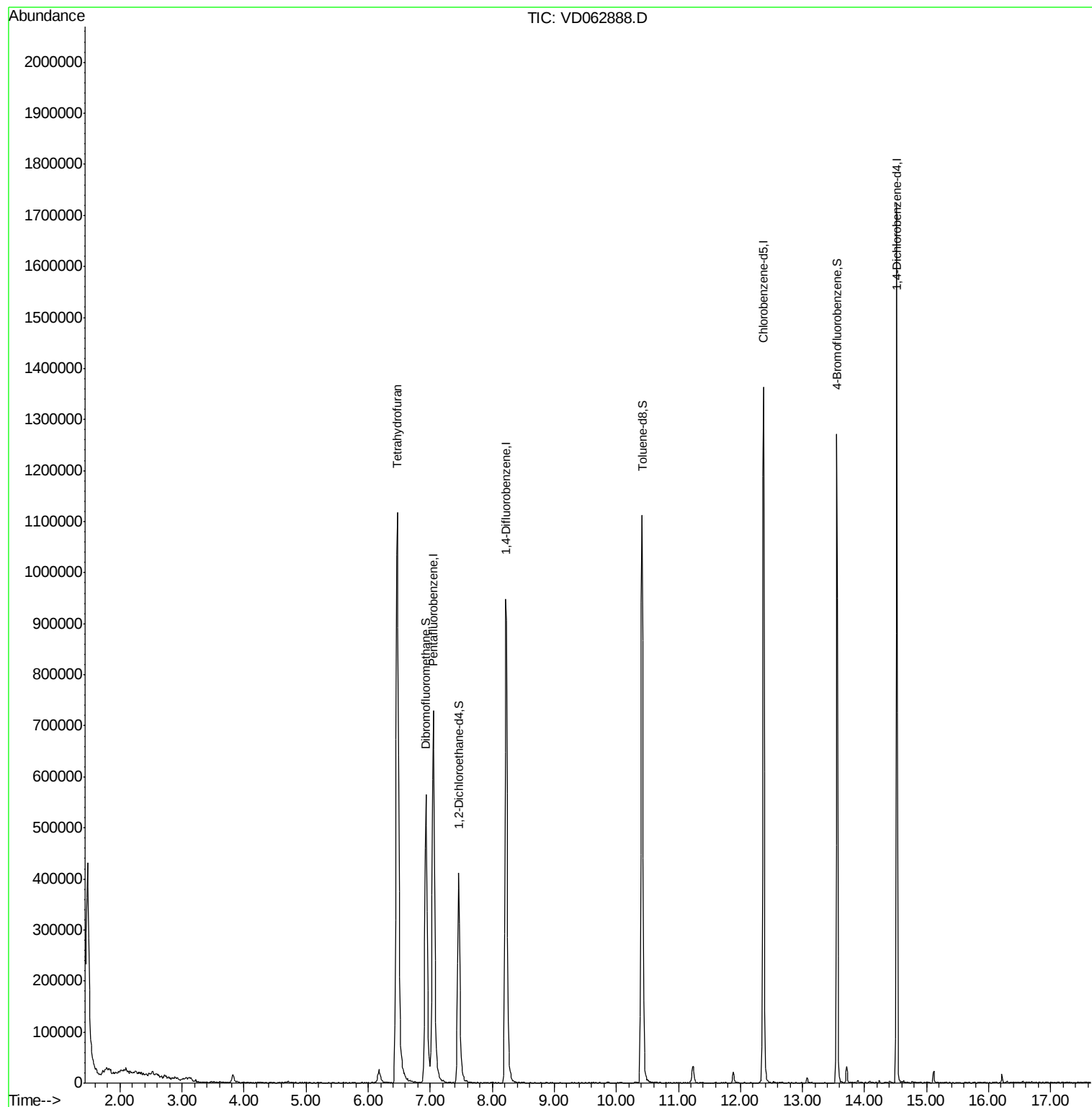
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	693811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	997138	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	717840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	337456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	473218	62.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.50%	
35) Dibromofluoromethane	6.93	113	479735	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
50) Toluene-d8	10.41	98	894393	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	13.56	95	357250	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
29) Tetrahydrofuran	6.47	42	893651	1339.068	ug/l	Qvalue 97

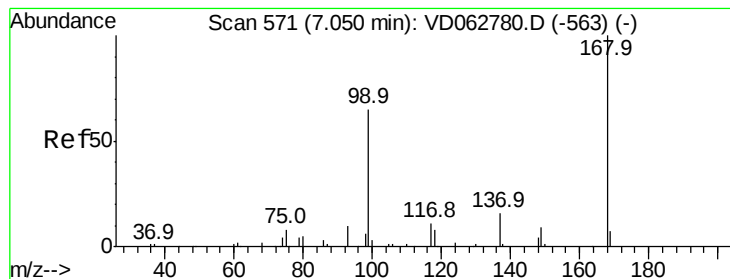
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

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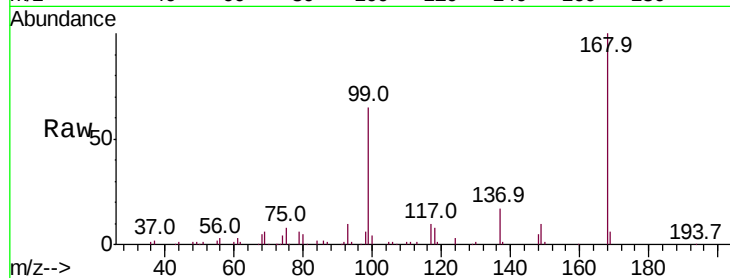
CP-S1-SOIL

Tot Ion:168 Resp: 693811

Ion Ratio Lower Upper

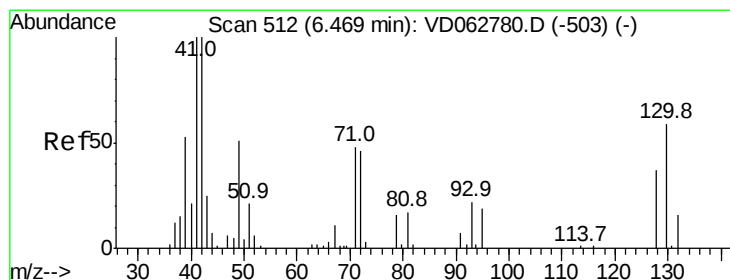
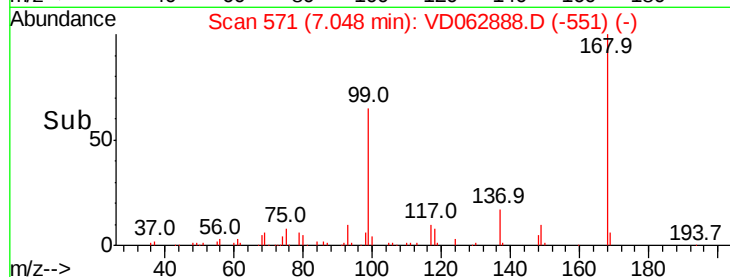
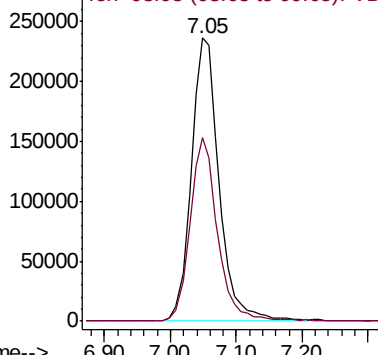
168 100

99 64.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#29

Tetrahydrofuran

Concen: 1339.068 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

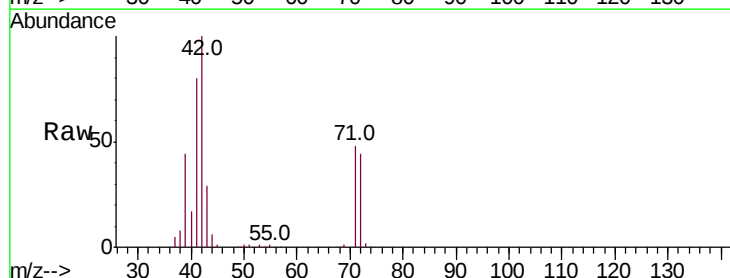
Tgt Ion: 42 Resp: 893651

Ion Ratio Lower Upper

42 100

72 43.4 35.0 52.6

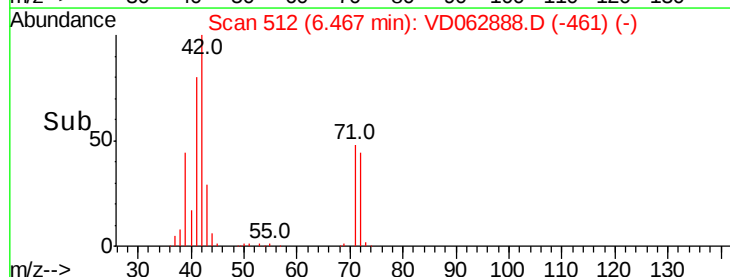
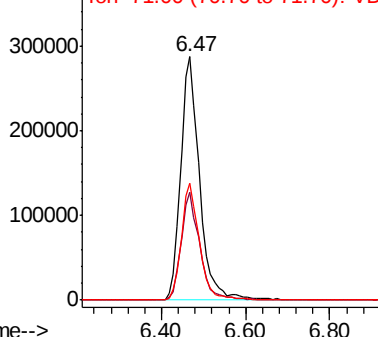
71 45.6 33.3 49.9

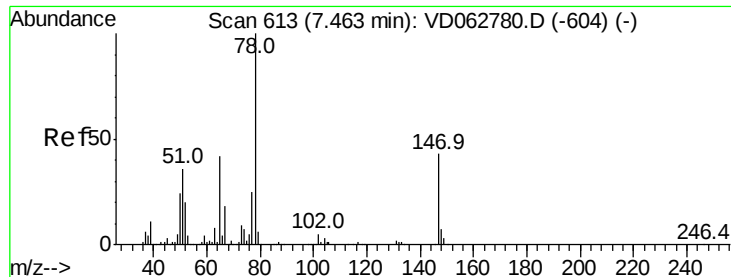


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 62.747 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

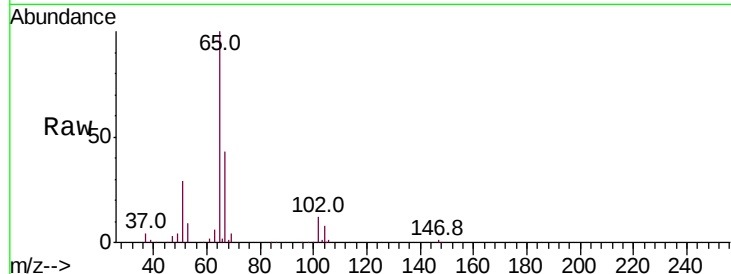
CP-S1-SOIL

Tot Ion: 65 Resp: 473218

Ion Ratio Lower Upper

65 100

67 42.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

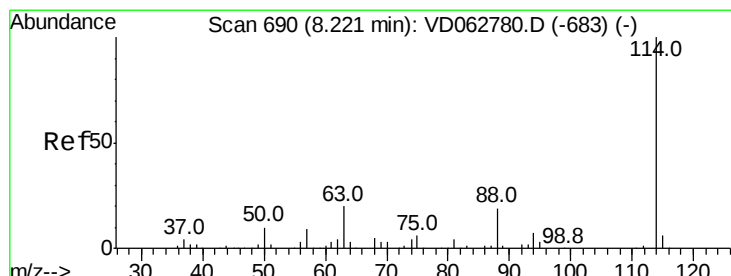
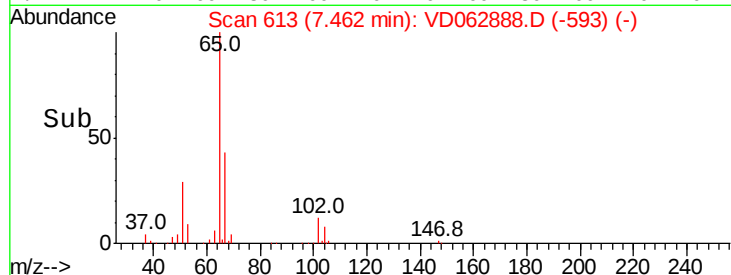
150000

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. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

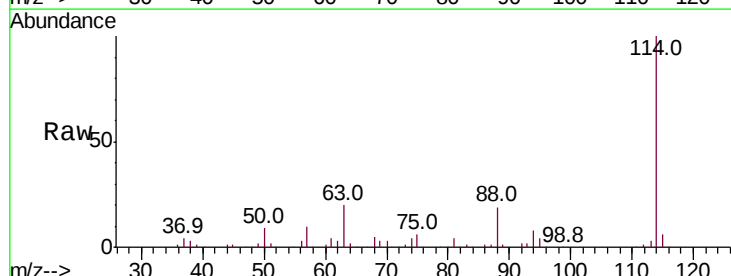
Tgt Ion: 114 Resp: 997138

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 18.6 0.0 38.8



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

500000

400000

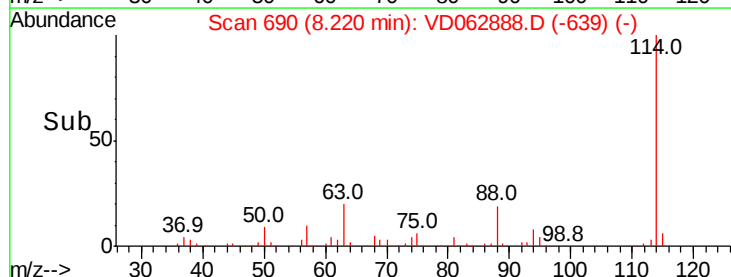
300000

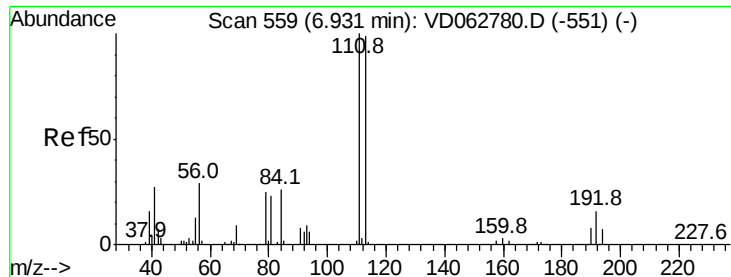
200000

100000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 57.058 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

CP-S1-SOIL

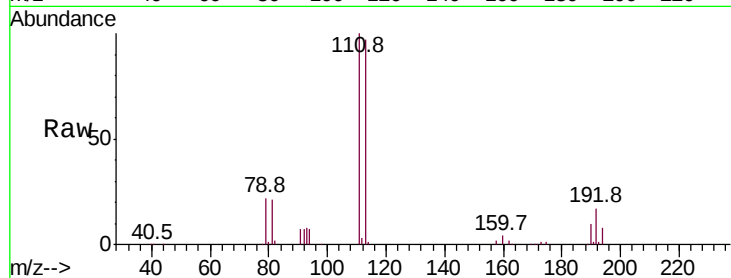
Tot Ion:113 Resp: 479735

Ion Ratio Lower Upper

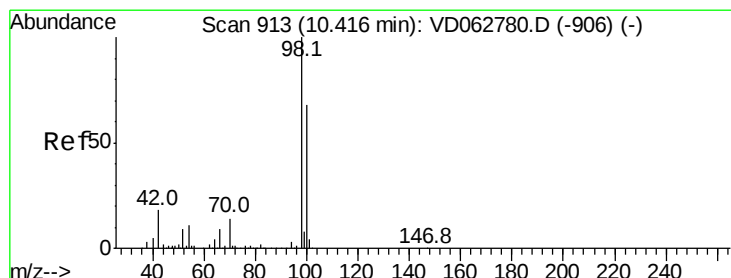
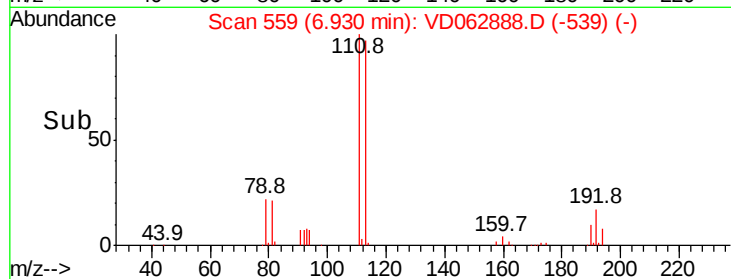
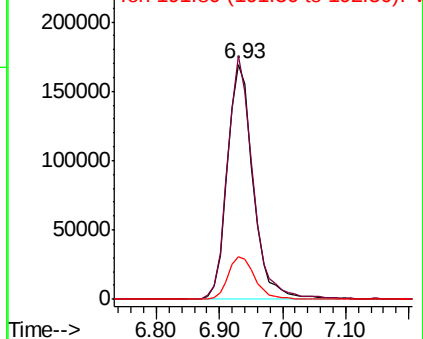
113 100

111 103.6 81.2 121.8

192 17.9 12.9 19.3



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: 48.876 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062888.D

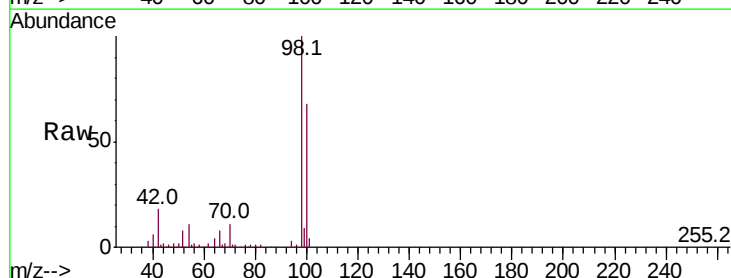
Acq: 25 Jun 2019 19:20

Tgt Ion: 98 Resp: 894393

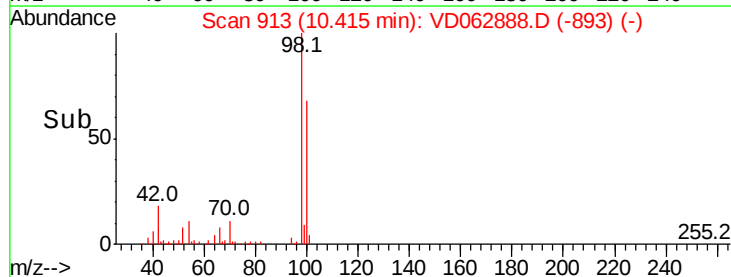
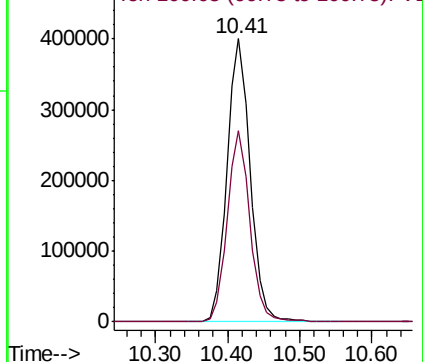
Ion Ratio Lower Upper

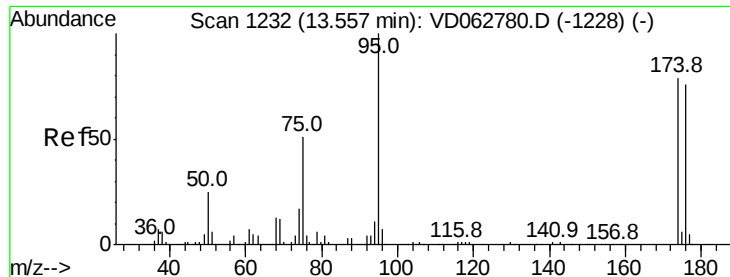
98 100

100 67.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 42.934 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

CP-S1-SOIL

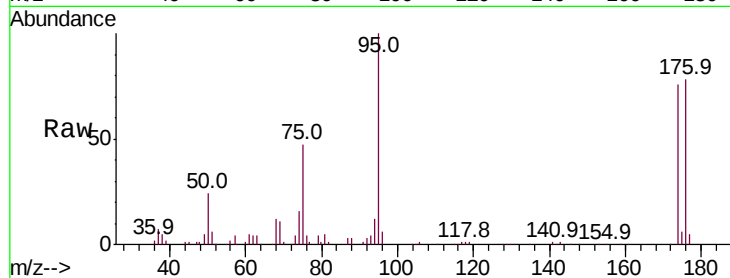
Tot Ion: 95 Resp: 357250

Ion Ratio Lower Upper

95 100

174 76.2 0.0 158.0

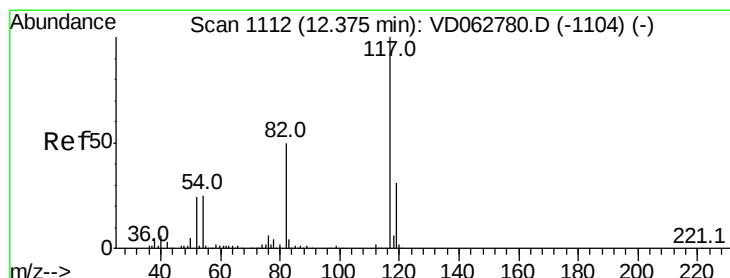
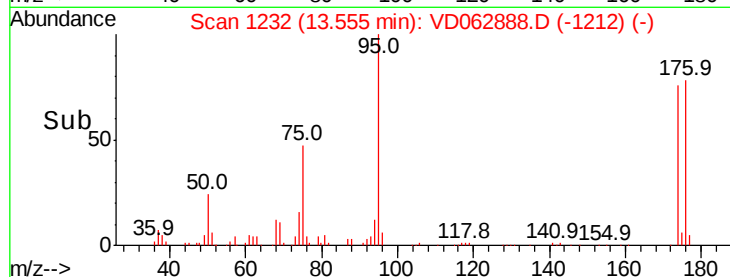
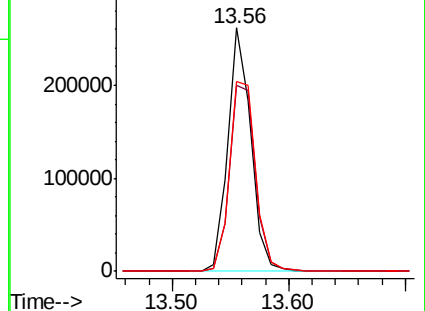
176 78.1 0.0 151.6



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# 1112

Delta R.T. -0.00 min

Lab File: VD062888.D

Acq: 25 Jun 2019 19:20

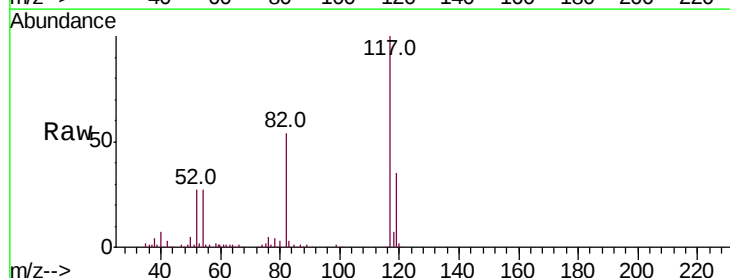
Tgt Ion: 117 Resp: 717840

Ion Ratio Lower Upper

117 100

82 54.0 40.4 60.6

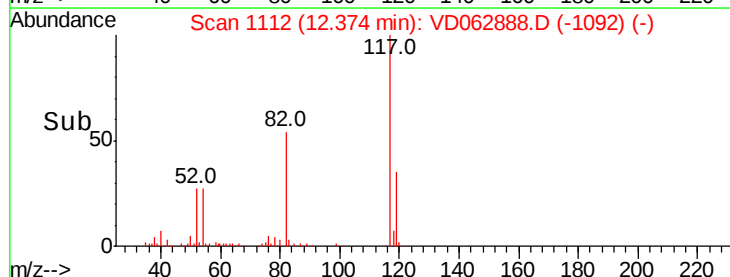
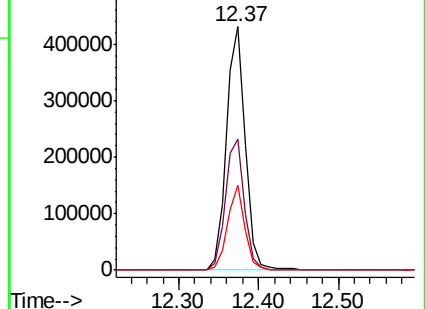
119 35.0 25.2 37.8

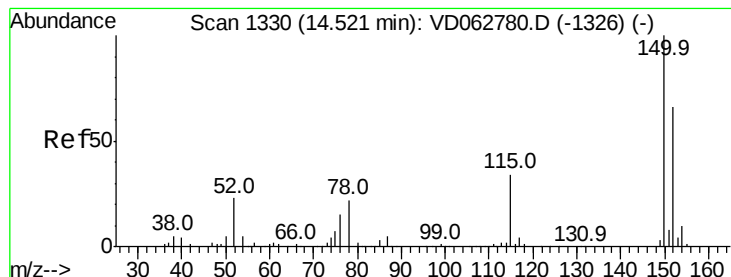


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062888.D

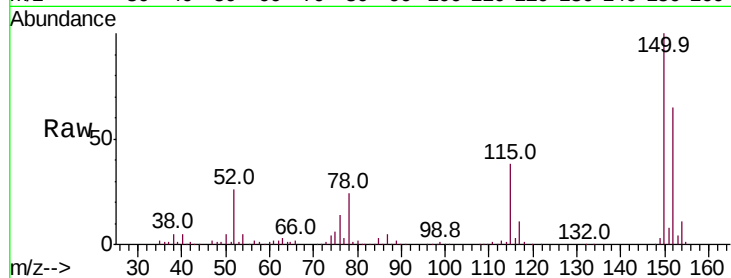
Acq: 25 Jun 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

CP-S1-SOIL



Tot Ion:152 Resp: 337456

Ion Ratio Lower Upper

152 100

115 58.1 29.2 87.6

150 154.4 0.0 305.8

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

