

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062889.D
 Acq On : 25 Jun 2019 19:47
 Operator : VA/AP
 Sample : K3518-02
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S2-SOIL

Quant Time: Jun 26 07:21:50 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

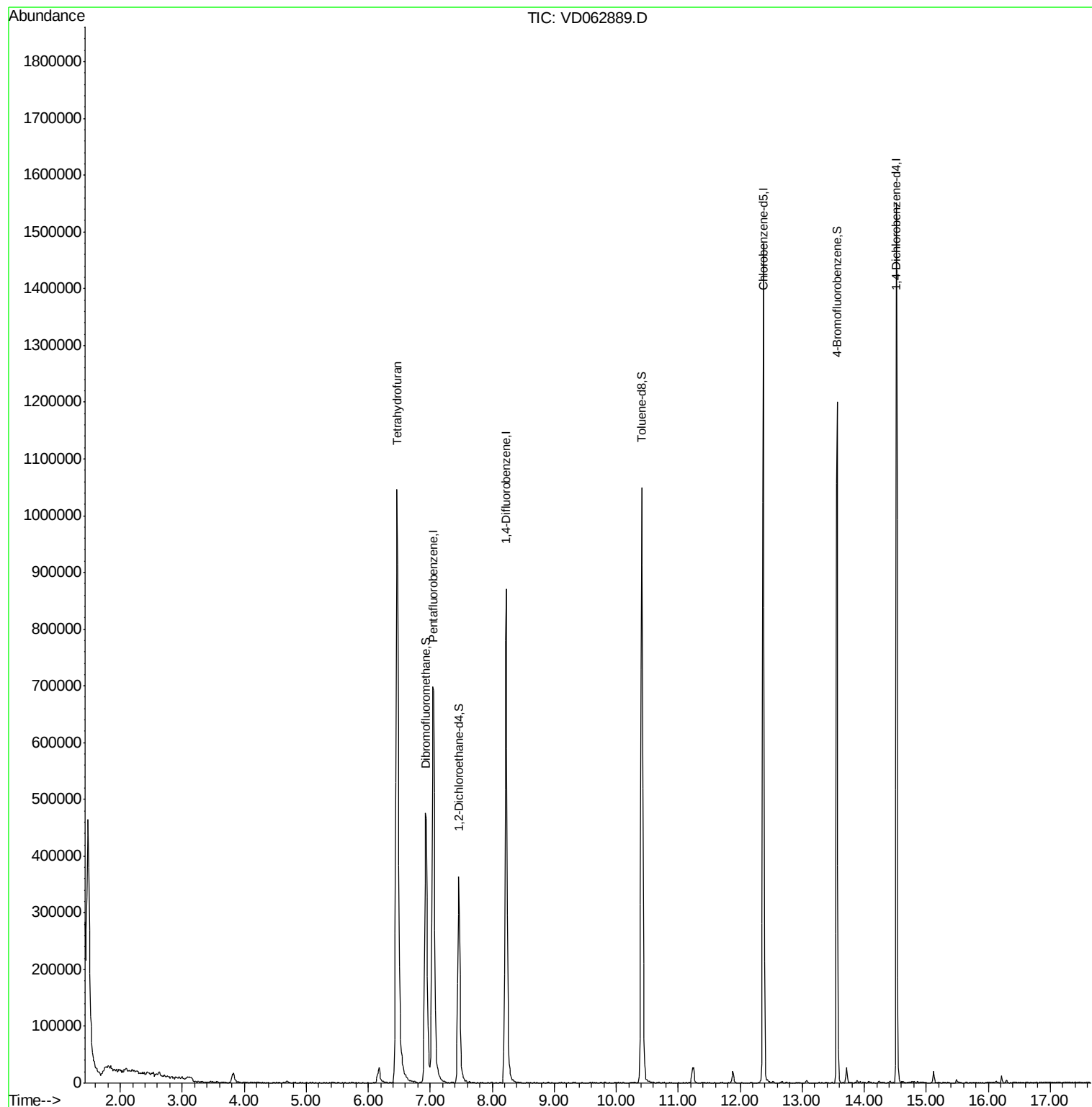
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	681922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	895035	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	744703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	317485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	405167	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	6.93	113	429668	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
50) Toluene-d8	10.41	98	845550	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	13.56	95	340669	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
29) Tetrahydrofuran	6.46	42	852946	1300.357	ug/l	Qvalue 96

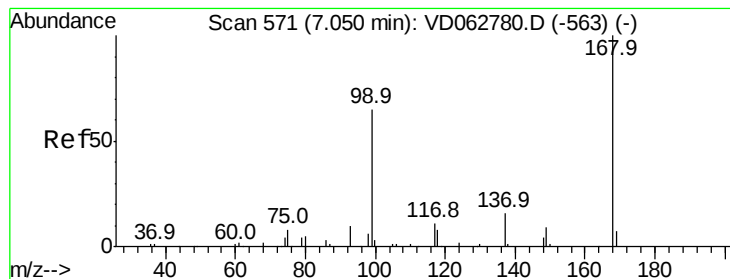
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062889.D

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Instrument :

MSVOA_D

ClientSampleId :

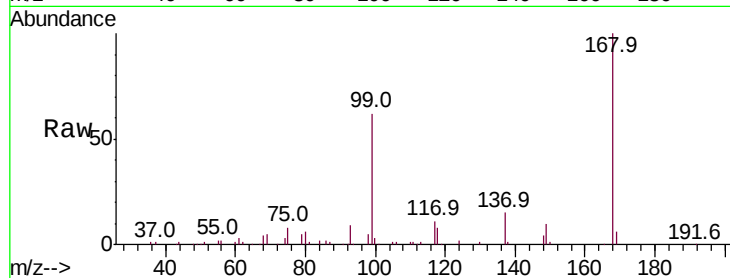
CP-S2-SOIL

Tot Ion:168 Resp: 681922

Ion Ratio Lower Upper

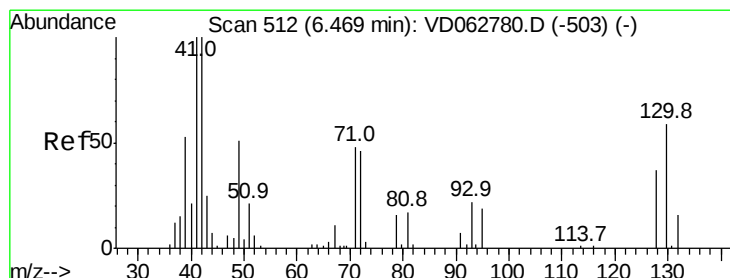
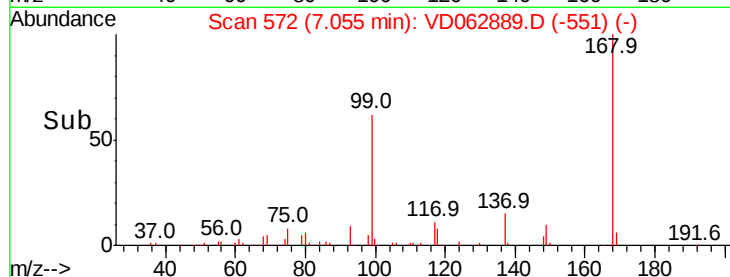
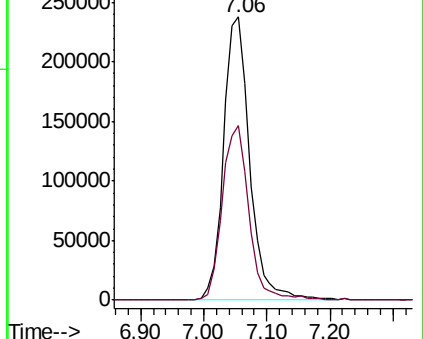
168 100

99 61.5 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: 1300.357 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062889.D

Acq: 25 Jun 2019 19:47

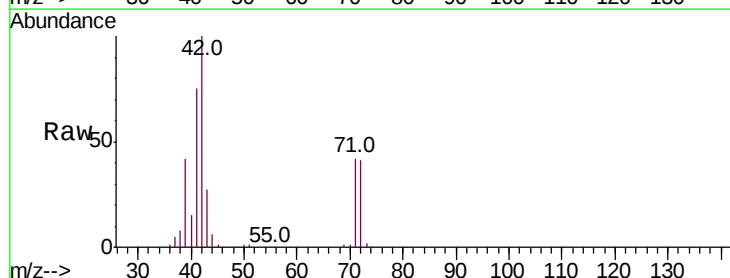
Tgt Ion: 42 Resp: 852946

Ion Ratio Lower Upper

42 100

72 40.8 35.0 52.6

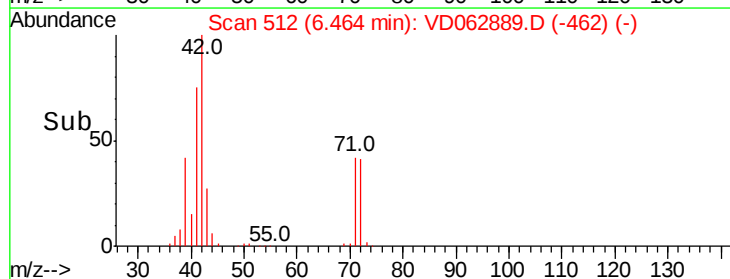
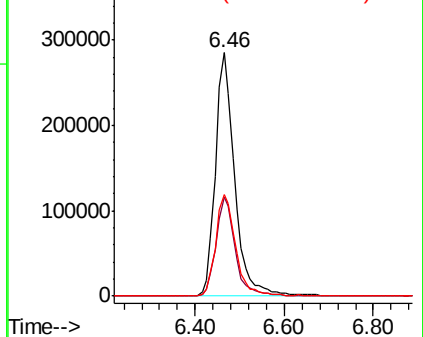
71 43.5 33.3 49.9

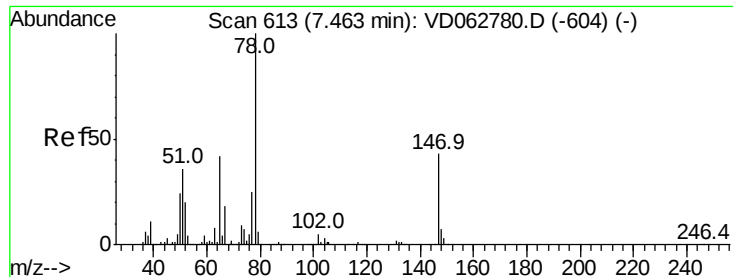


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

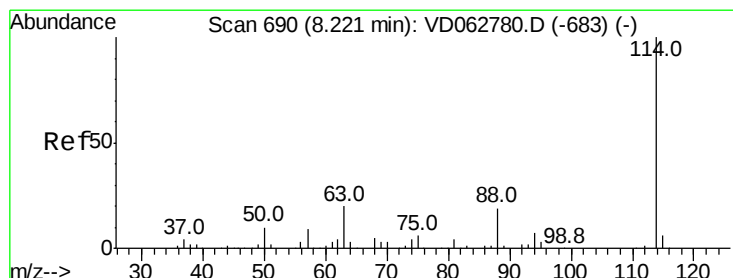
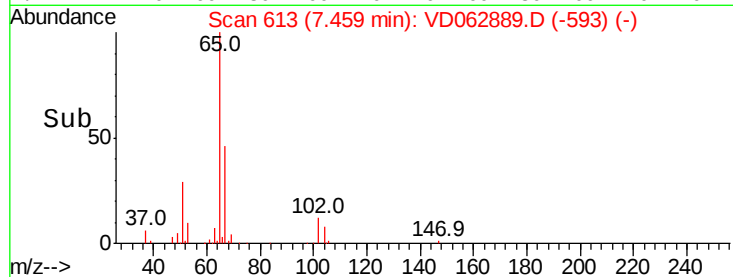
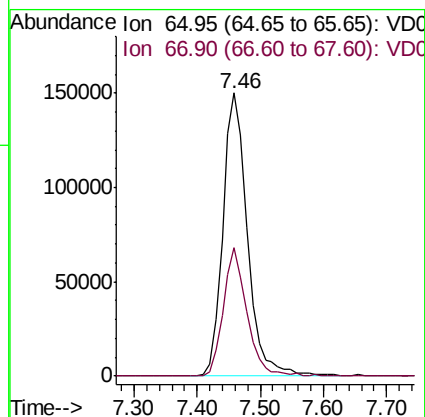
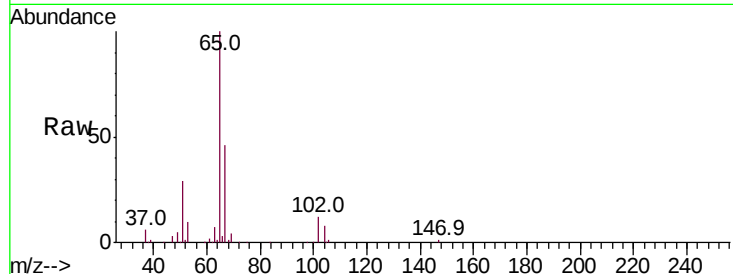




#33
 1,2-Dichloroethane-d4
 Concen: 54.661 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062889.D
 Acq: 25 Jun 2019 19:47

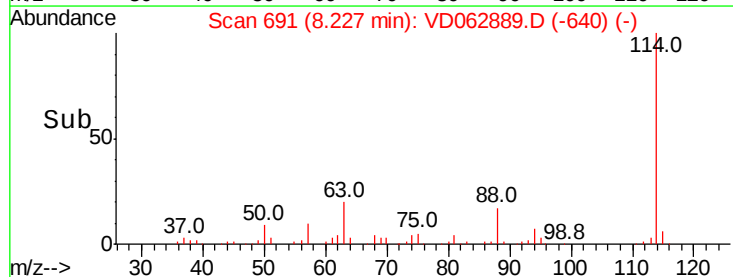
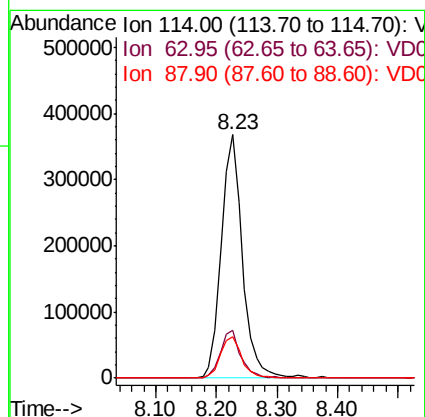
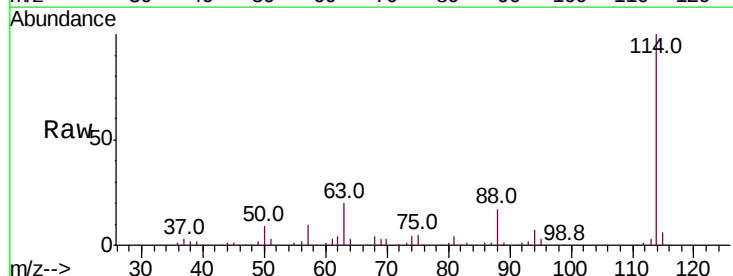
Instrument :
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 CP-S2-SOIL

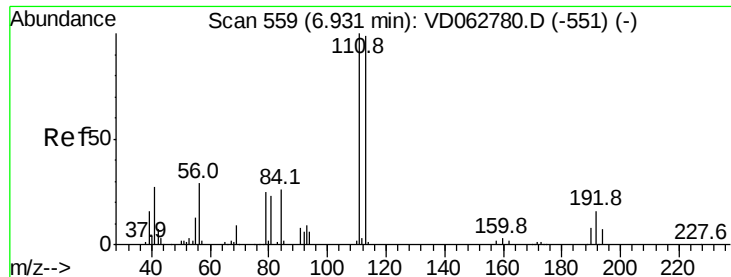
Tot Ion: 65 Resp: 405167
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062889.D
 Acq: 25 Jun 2019 19:47

Tgt Ion: 114 Resp: 895035
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.9 0.0 38.8

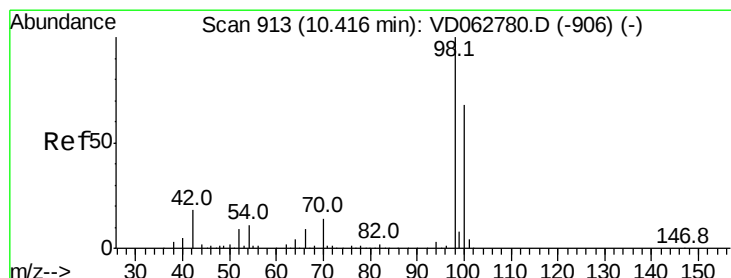
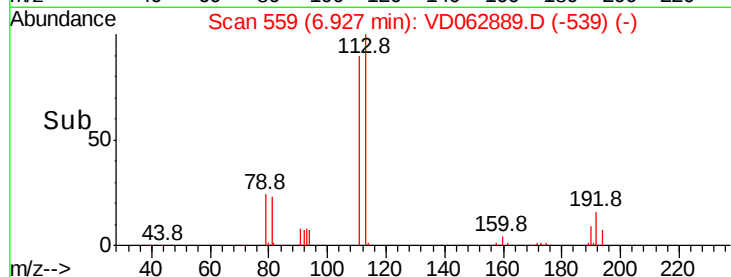
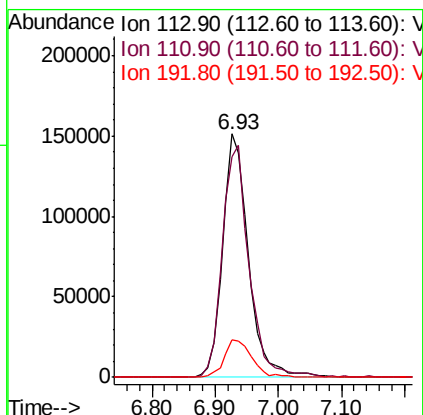
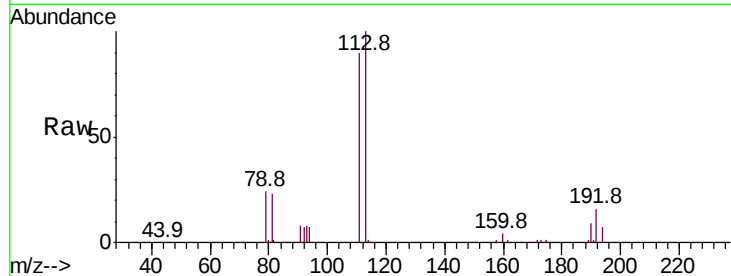




#35
 Dibromofluoromethane
 Concen: 56.933 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062889.D
 Acq: 25 Jun 2019 19:47

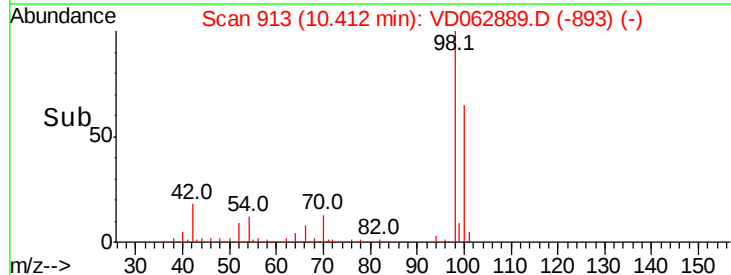
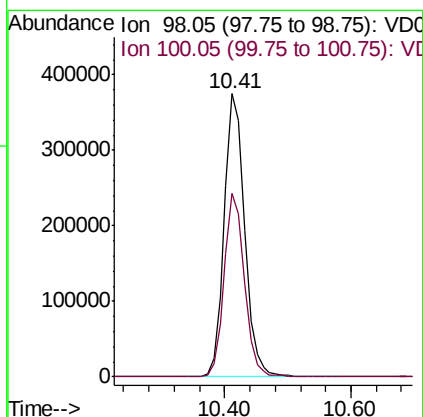
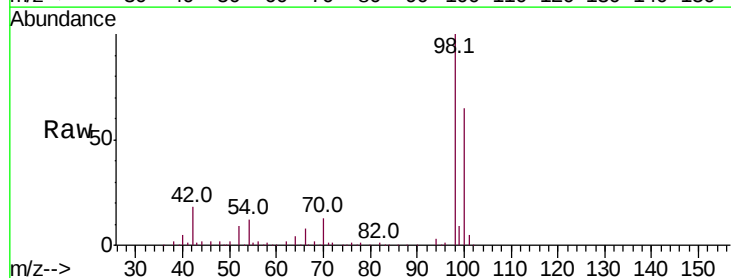
Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S2-SOIL

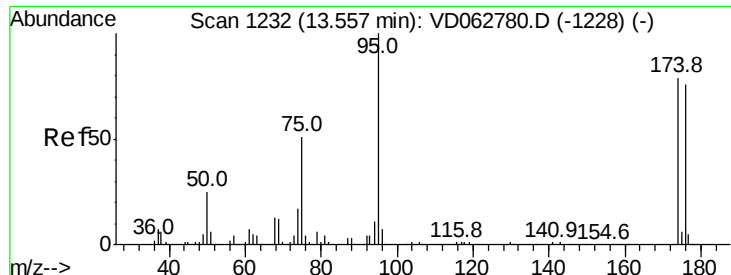
Tot Ion	Ratio	Lower	Upper
113	100		
111	90.4	81.2	121.8
192	15.6	12.9	19.3



#50
 Toluene-d8
 Concen: 51.478 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VD062889.D
 Acq: 25 Jun 2019 19:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	54.7	82.1

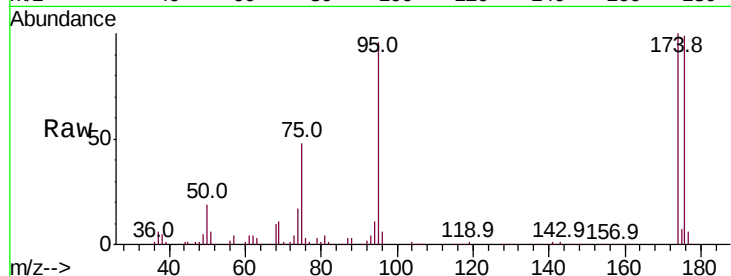




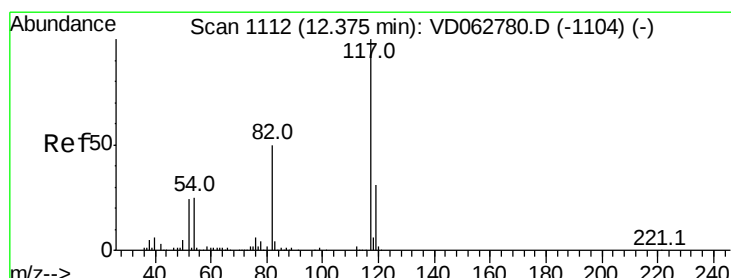
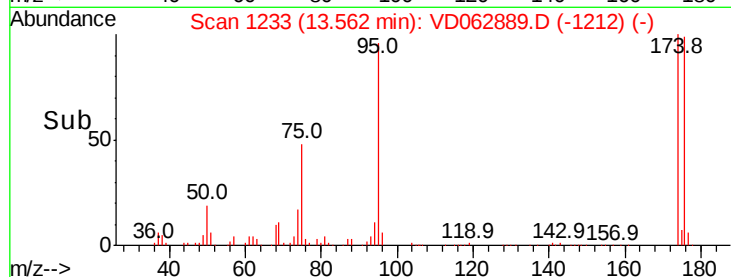
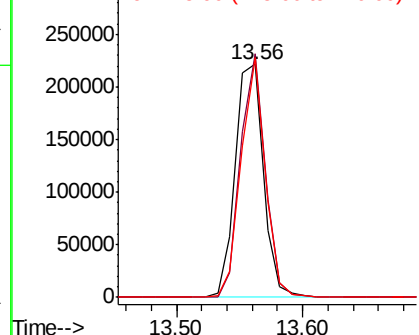
#62
4-Bromofluorobenzene
Concen: 45.612 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062889.D
Acq: 25 Jun 2019 19:47

Instrument :
MSVOA_D
ClientSampleId :
CP-S2-SOIL

Tot Ion: 95 Resp: 340669
Ion Ratio Lower Upper
95 100
174 104.4 0.0 158.0
176 103.1 0.0 151.6

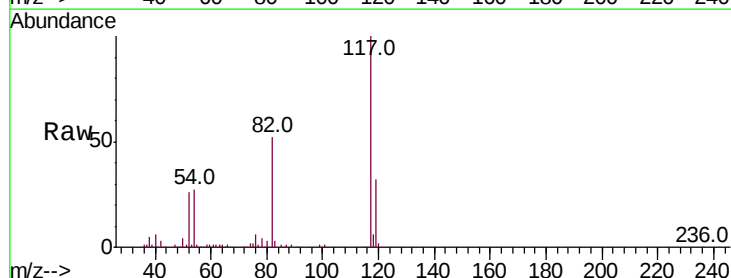


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

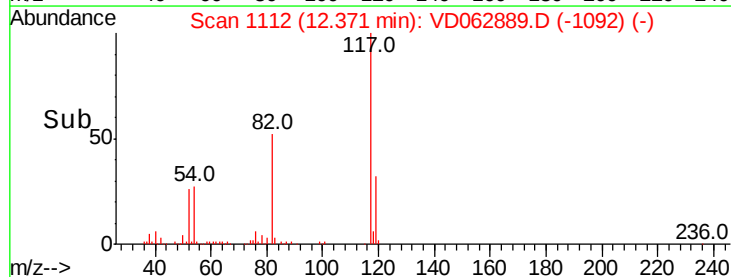
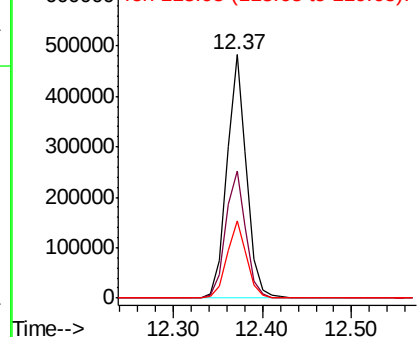


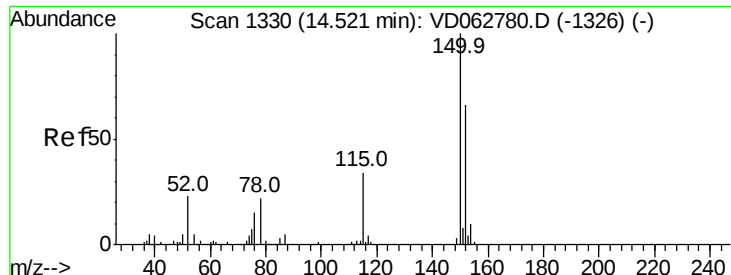
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062889.D
Acq: 25 Jun 2019 19:47

Tgt Ion: 117 Resp: 744703
Ion Ratio Lower Upper
117 100
82 52.5 40.4 60.6
119 31.8 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: VD062889.D

Acq: 25 Jun 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

CP-S2-SOIL

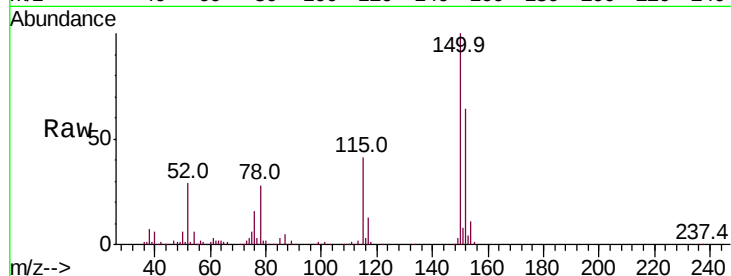
Tot Ion:152 Resp: 317485

Ion Ratio Lower Upper

152 100

115 64.5 29.2 87.6

150 155.9 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

