

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062931.D
 Acq On : 27 Jun 2019 15:05
 Operator : VA/AP
 Sample : K3518-01
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S1-SOIL

Quant Time: Jun 28 04:34:08 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

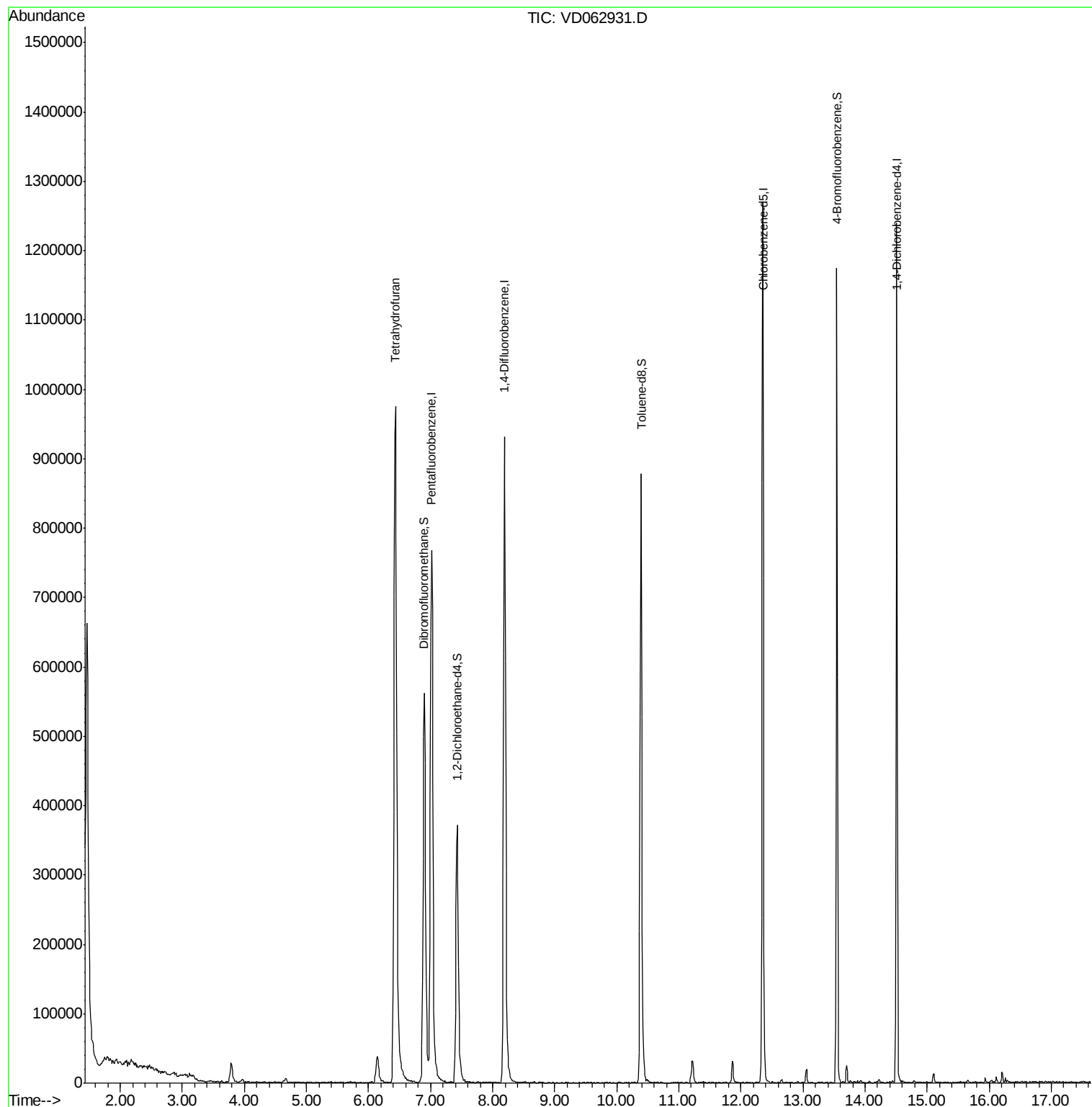
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	740140	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1018514	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	648023	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	261017	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	446167	55.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	6.90	113	505554	58.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	117.74%	
50) Toluene-d8	10.39	98	735818	39.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.74%	
62) 4-Bromofluorobenzene	13.54	95	304608	35.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.68%	
Target Compounds						
29) Tetrahydrofuran	6.44	42	830332	1166.309	ug/l	Qvalue 98

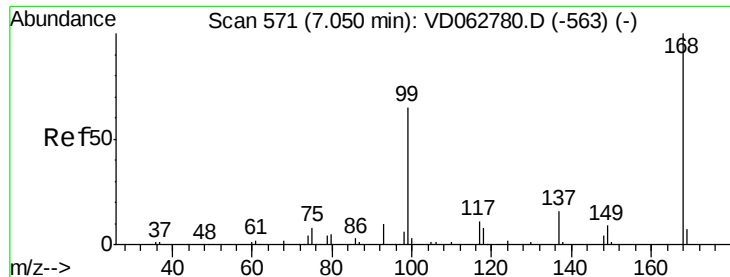
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

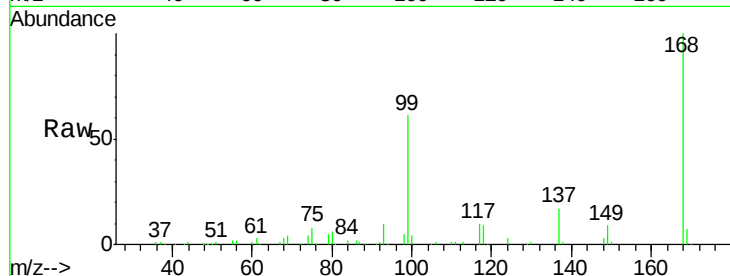
CP-S1-SOIL

Tot Ion:168 Resp: 740140

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

100000

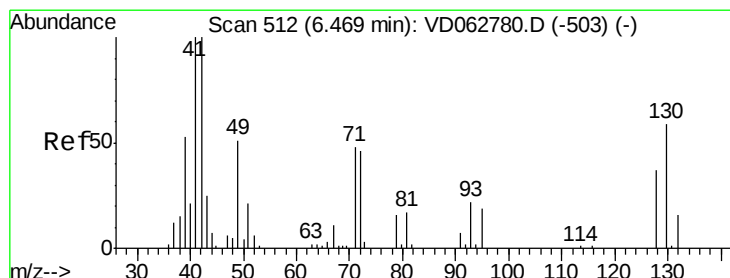
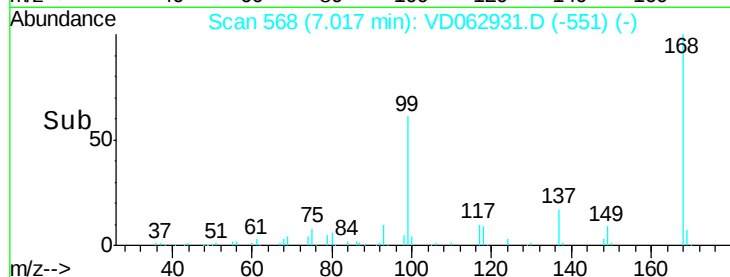
50000

0

7.00

7.20

Time-->



#29

Tetrahydrofuran

Concen: 1166.309 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.03 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

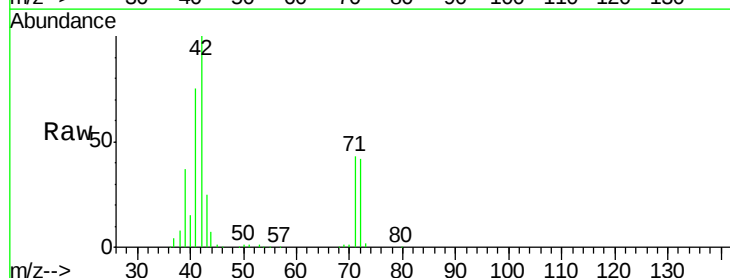
Tgt Ion: 42 Resp: 830332

Ion Ratio Lower Upper

42 100

72 43.2 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

6.44

300000

200000

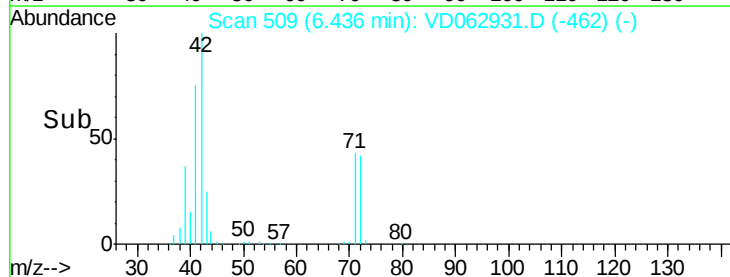
100000

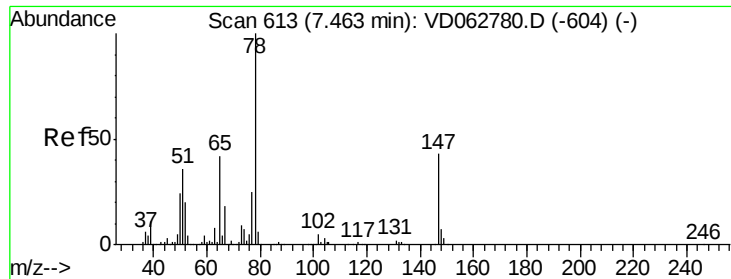
0

6.40

6.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.457 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

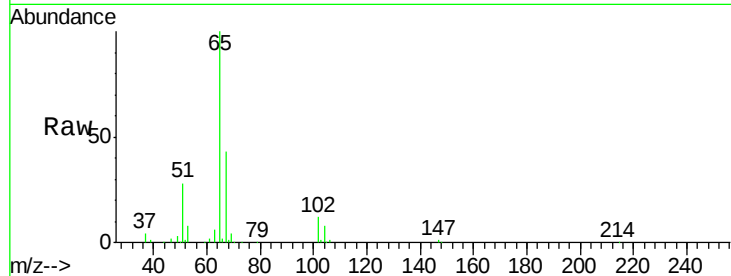
CP-S1-SOIL

Tot Ion: 65 Resp: 446167

Ion Ratio Lower Upper

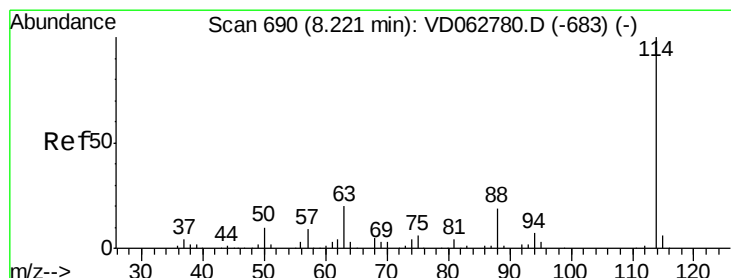
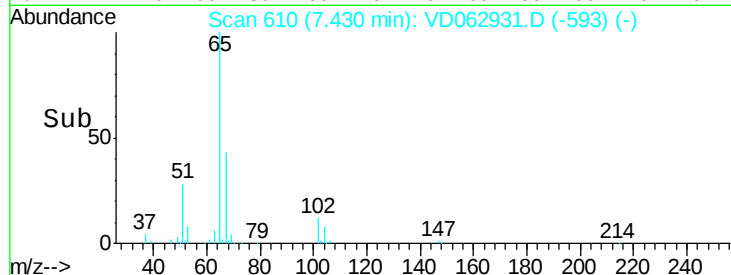
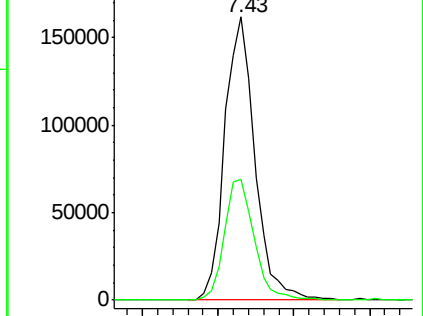
65 100

67 42.8 0.0 87.4



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: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

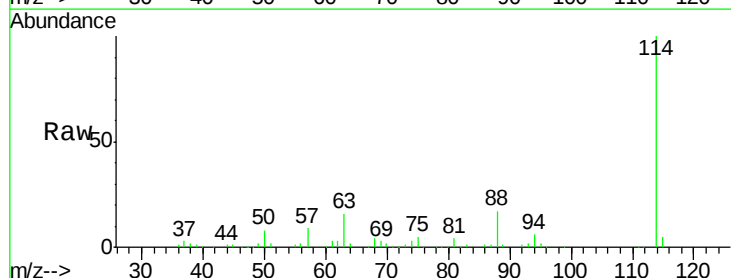
Tgt Ion: 114 Resp: 1018514

Ion Ratio Lower Upper

114 100

63 16.5 0.0 40.0

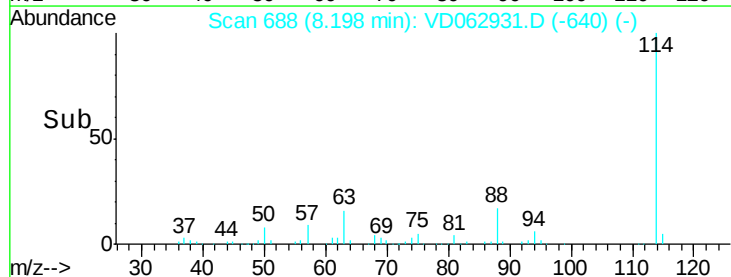
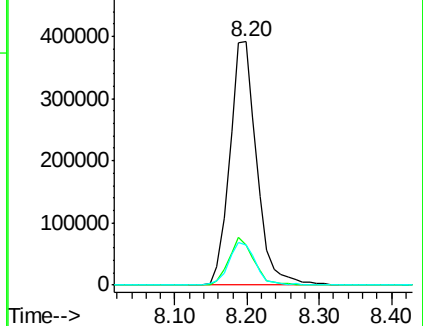
88 16.6 0.0 38.8

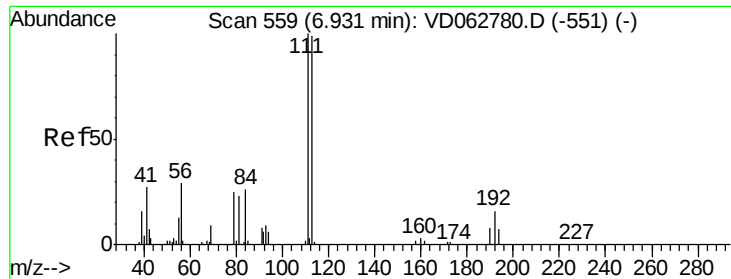


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

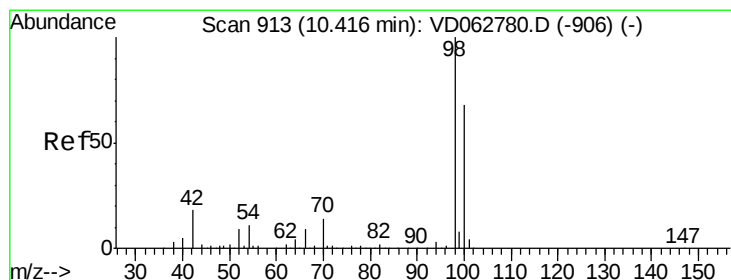
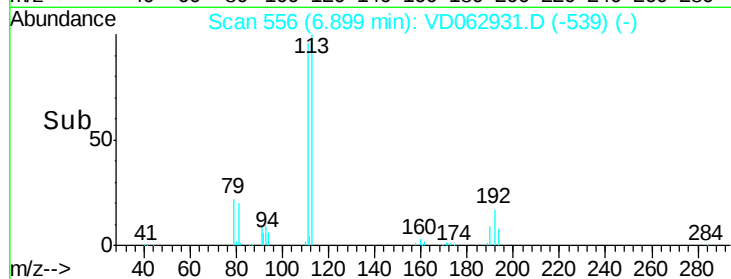
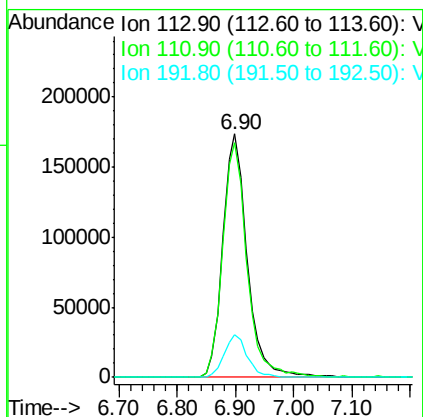
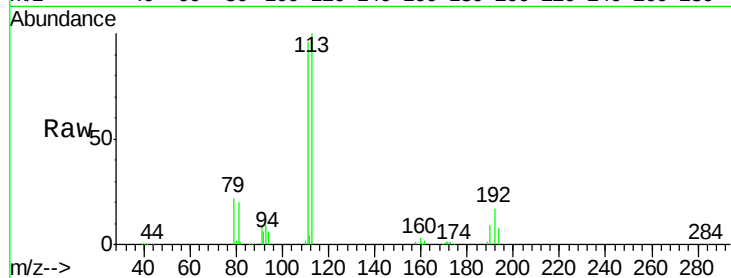




#35
 Dibromofluoromethane
 Concen: 58.867 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062931.D
 Acq: 27 Jun 2019 15:05

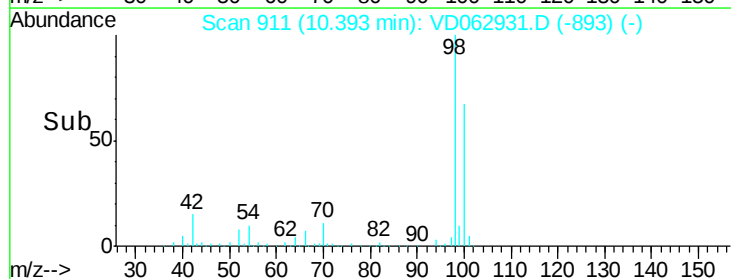
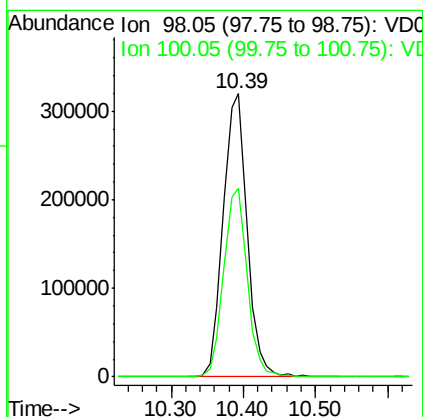
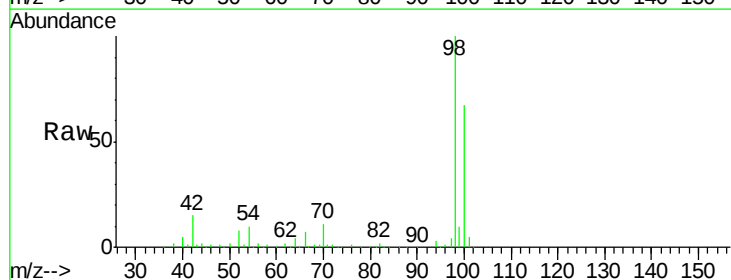
Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S1-SOIL

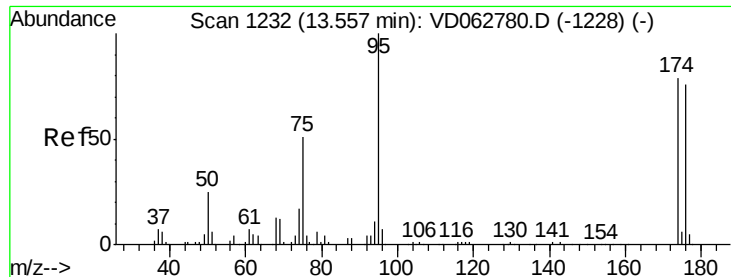
Tot Ion:113 Resp: 505554
 Ion Ratio Lower Upper
 113 100
 111 96.5 81.2 121.8
 192 17.4 12.9 19.3



#50
 Toluene-d8
 Concen: 39.366 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: VD062931.D
 Acq: 27 Jun 2019 15:05

Tgt Ion: 98 Resp: 735818
 Ion Ratio Lower Upper
 98 100
 100 66.7 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 35.840 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

CP-S1-SOIL

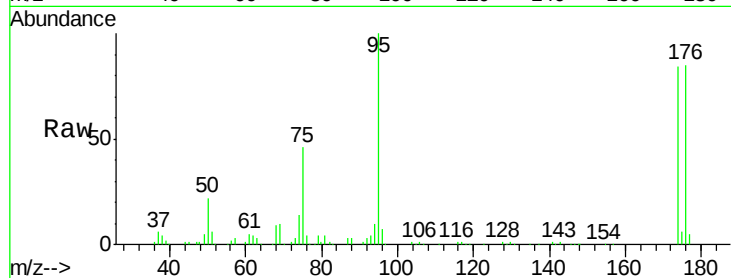
Tot Ion: 95 Resp: 304608

Ion Ratio Lower Upper

95 100

174 83.7 0.0 158.0

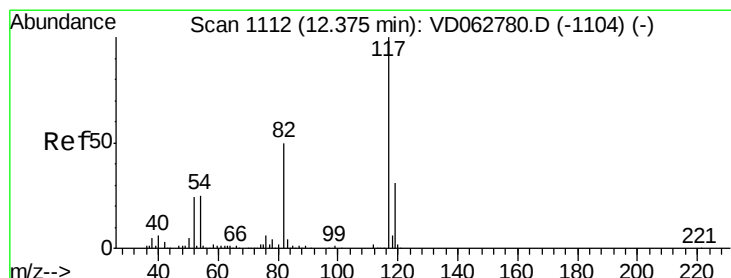
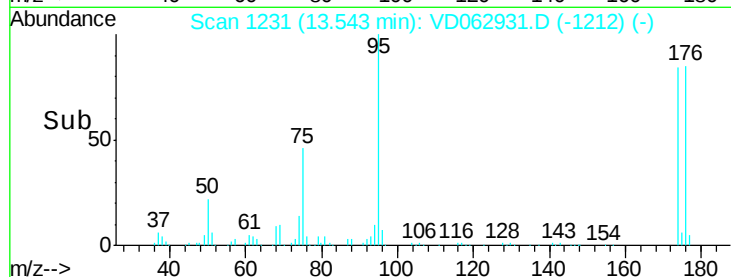
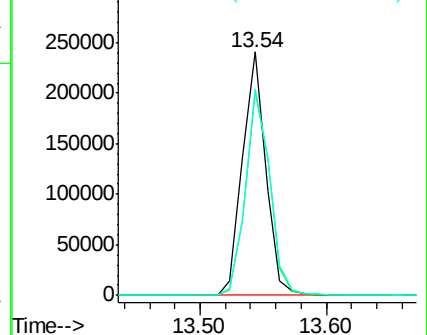
176 85.0 0.0 151.6



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: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062931.D

Acq: 27 Jun 2019 15:05

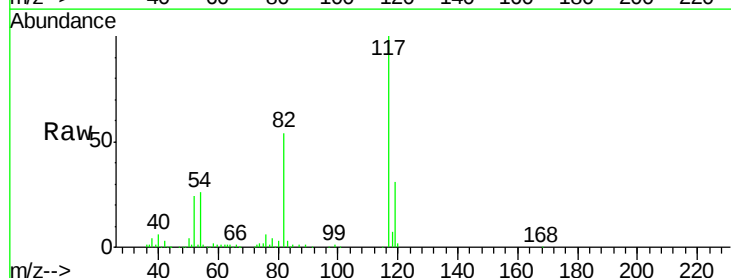
Tgt Ion: 117 Resp: 648023

Ion Ratio Lower Upper

117 100

82 53.8 40.4 60.6

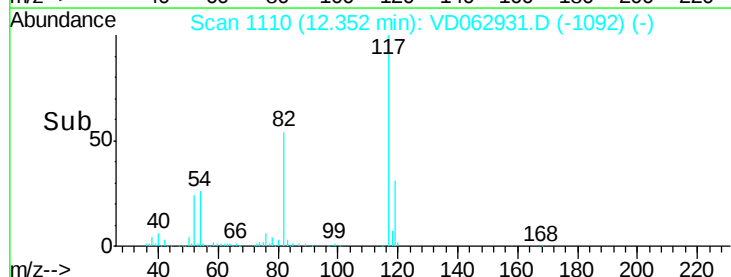
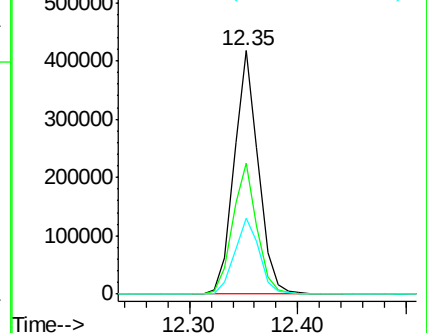
119 31.2 25.2 37.8

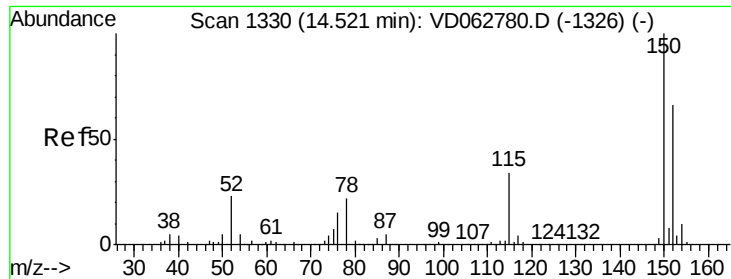


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

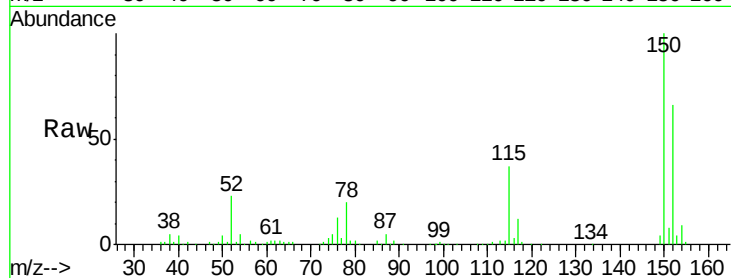




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062931.D
 Acq: 27 Jun 2019 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S1-SOIL

Tot Ion:152 Resp: 261017
 Ion Ratio Lower Upper
 152 100
 115 56.4 29.2 87.6
 150 152.0 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

