

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062932.D
 Acq On : 27 Jun 2019 15:33
 Operator : VA/AP
 Sample : K3518-04
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S4-SOIL

Quant Time: Jun 28 04:45:37 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

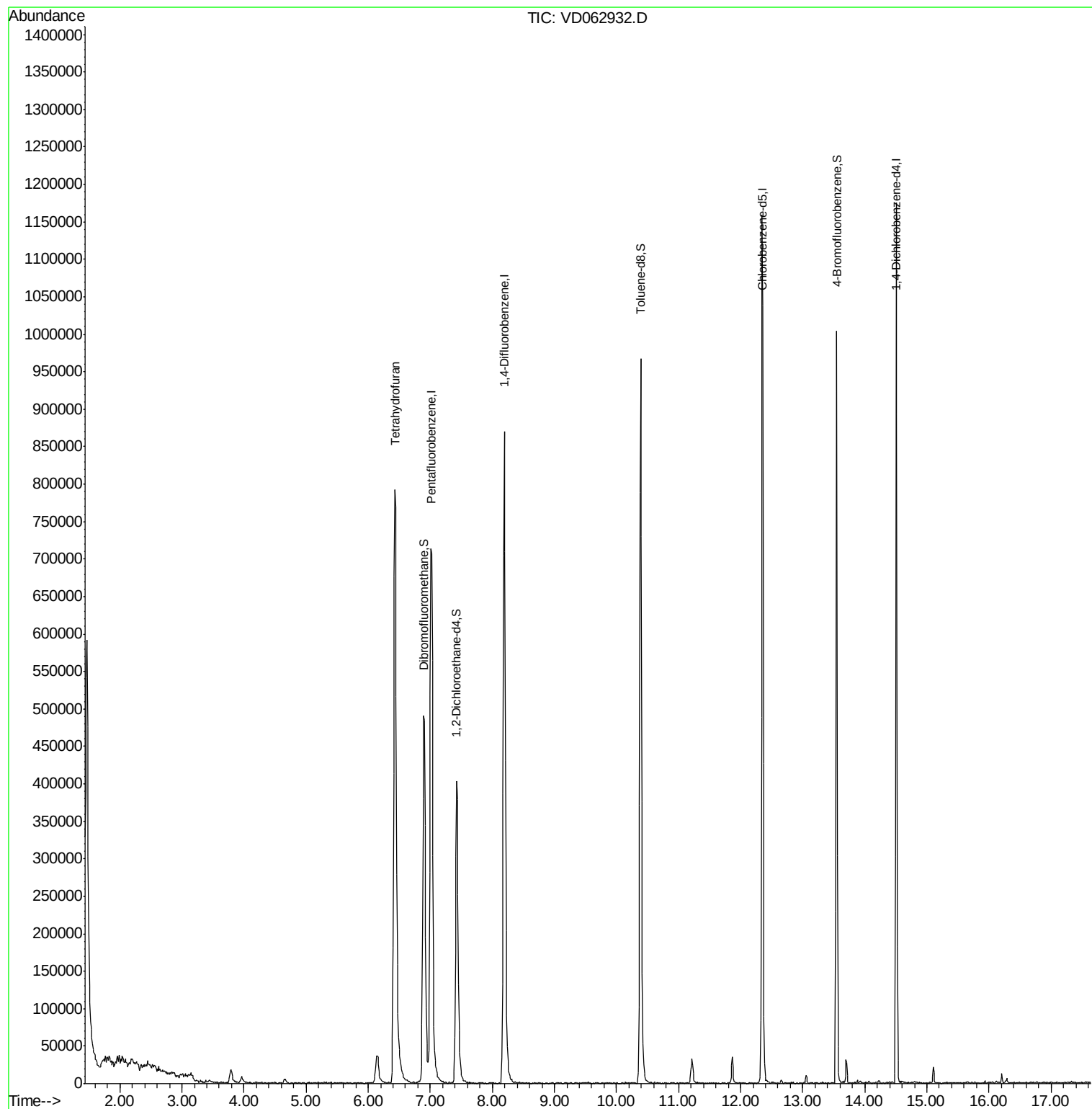
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	720712	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	942856	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	646858	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	249355	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	464551	59.30	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	118.60%	
35) Dibromofluoromethane	6.90	113	451016	56.73	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.46%	
50) Toluene-d8	10.39	98	768725	44.43	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	13.54	95	297489	37.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.62%	
Target Compounds						
29) Tetrahydrofuran	6.43	42	665725	960.304	ug/l	Qvalue 98

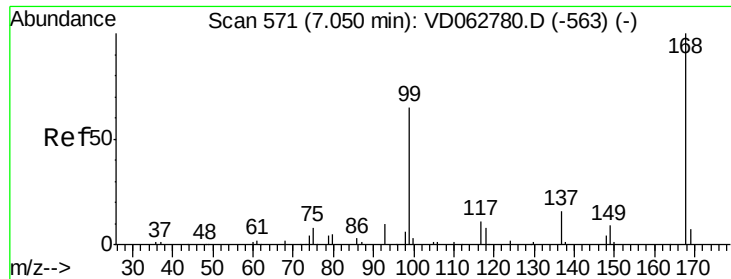
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062932.D

Acq: 27 Jun 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

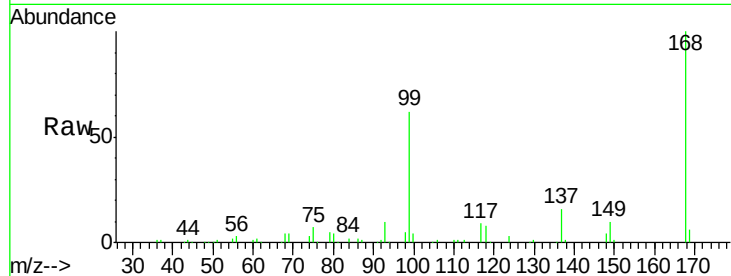
CP-S4-SOIL

Tot Ion:168 Resp: 720712

Ion Ratio Lower Upper

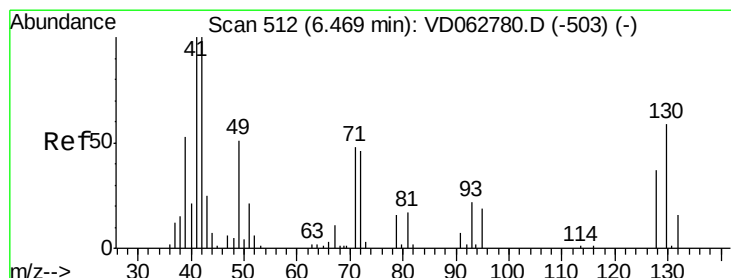
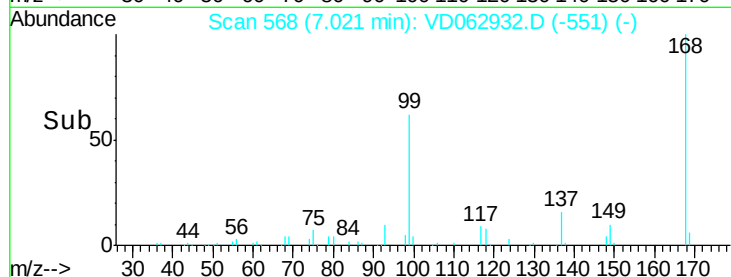
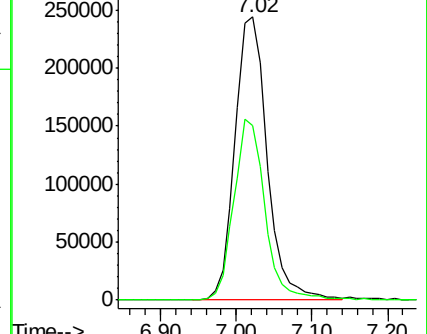
168 100

99 61.8 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: 960.304 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062932.D

Acq: 27 Jun 2019 15:33

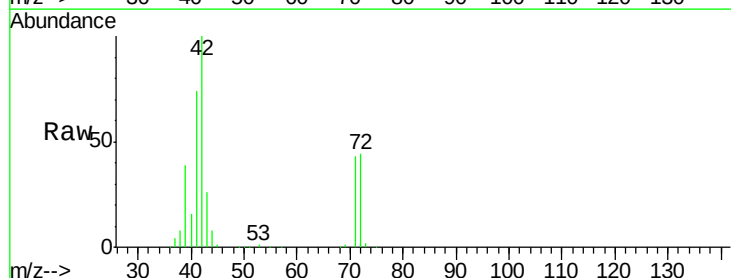
Tgt Ion: 42 Resp: 665725

Ion Ratio Lower Upper

42 100

72 42.3 35.0 52.6

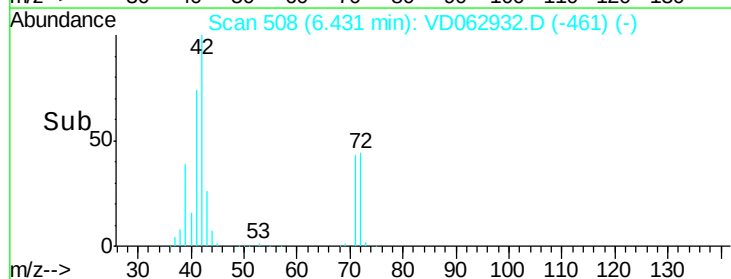
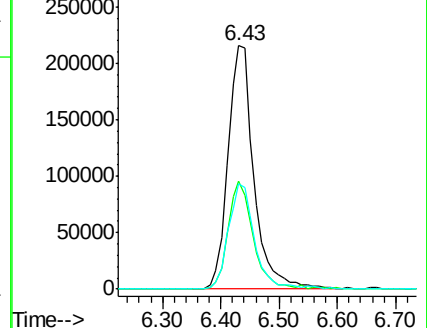
71 43.1 33.3 49.9

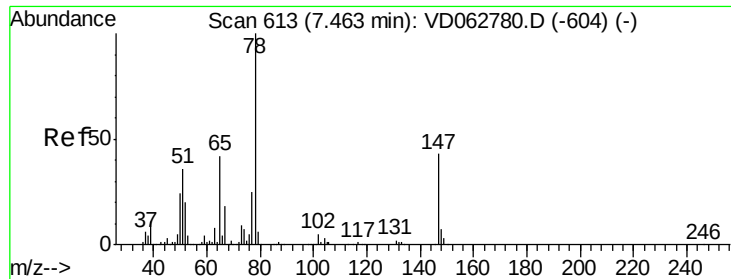


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

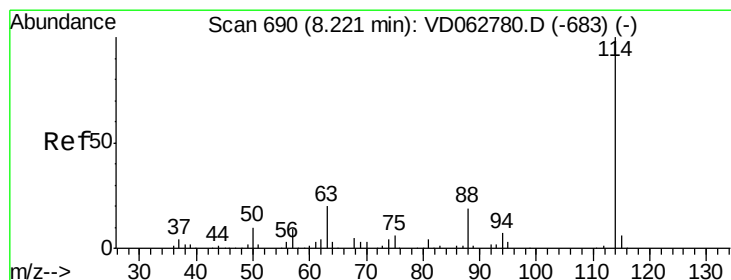
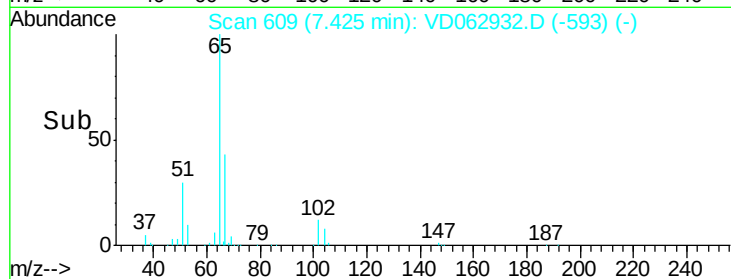
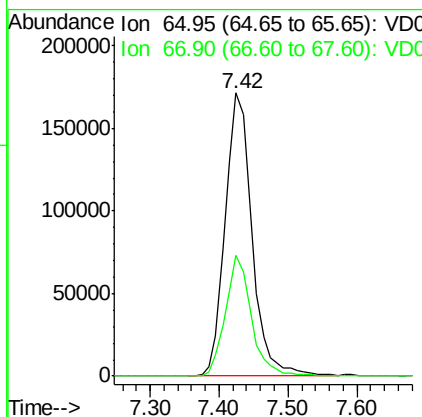
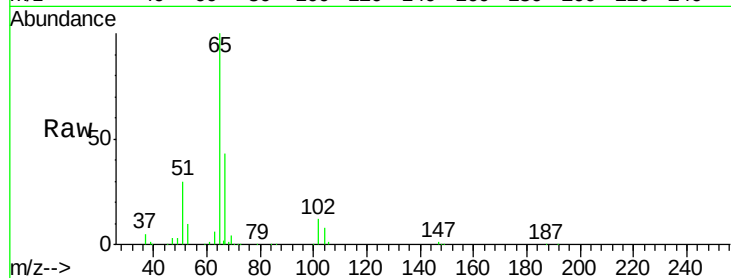




#33
 1,2-Dichloroethane-d4
 Concen: 59.299 ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.04 min
 Lab File: VD062932.D
 Acq: 27 Jun 2019 15:33

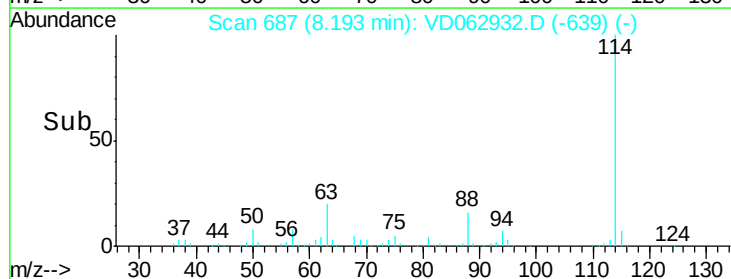
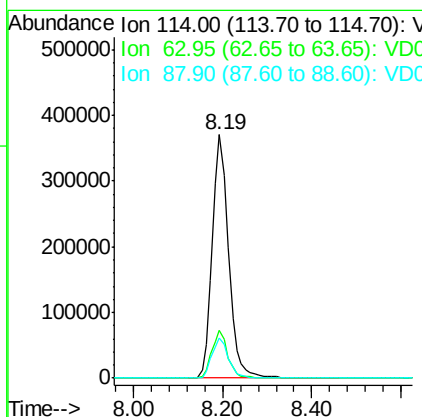
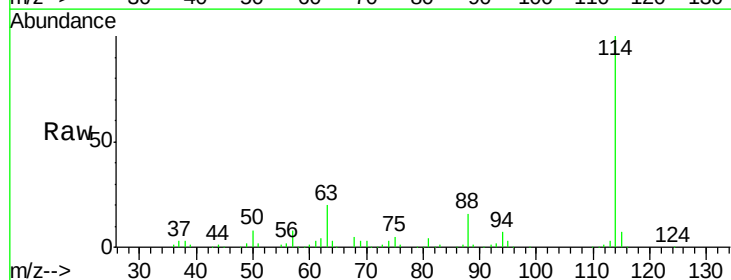
Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S4-SOIL

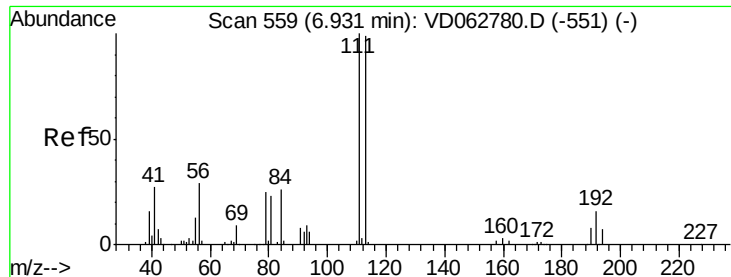
Tot Ion: 65 Resp: 464551
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062932.D
 Acq: 27 Jun 2019 15:33

Tgt Ion: 114 Resp: 942856
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.3 0.0 38.8



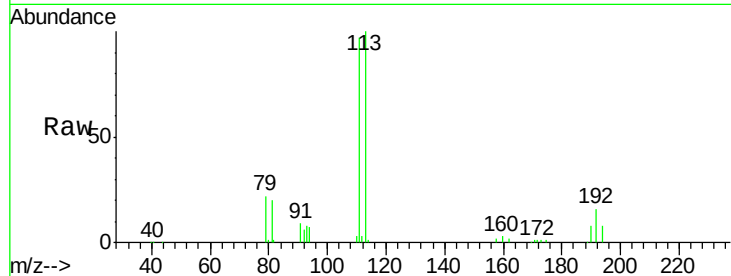


#35
Dibromofluoromethane
Concen: 56.731 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062932.D
Acq: 27 Jun 2019 15:33

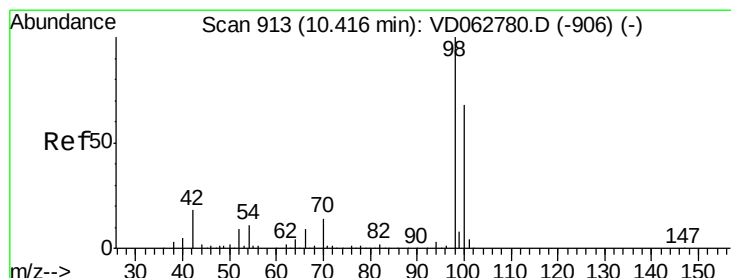
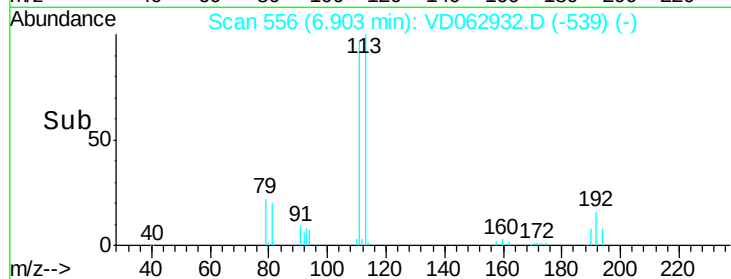
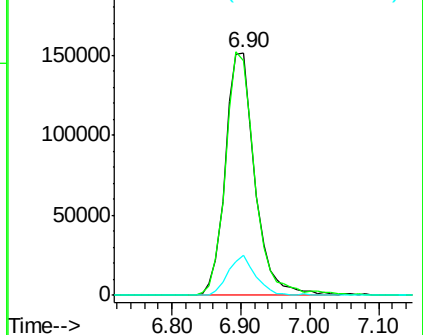
Instrument :
MSVOA_D
ClientSampleId :
CP-S4-SOIL

Tot Ion:113 Resp: 451016

Ion	Ratio	Lower	Upper
113	100		
111	96.5	81.2	121.8
192	16.3	12.9	19.3



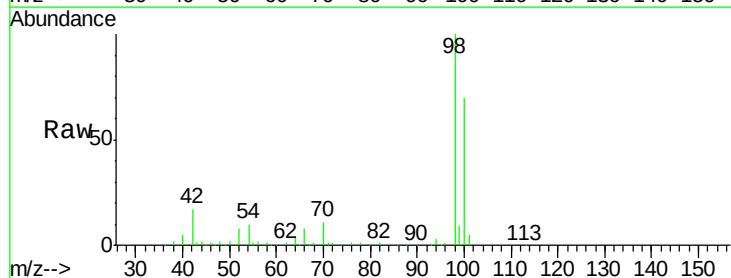
Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



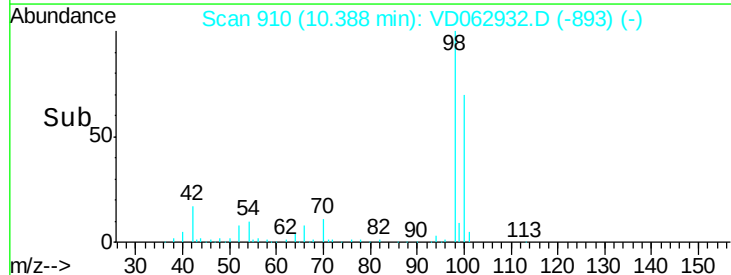
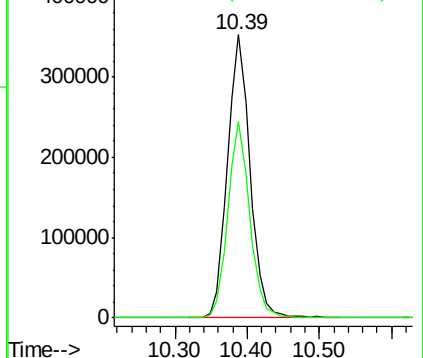
#50
Toluene-d8
Concen: 44.427 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062932.D
Acq: 27 Jun 2019 15:33

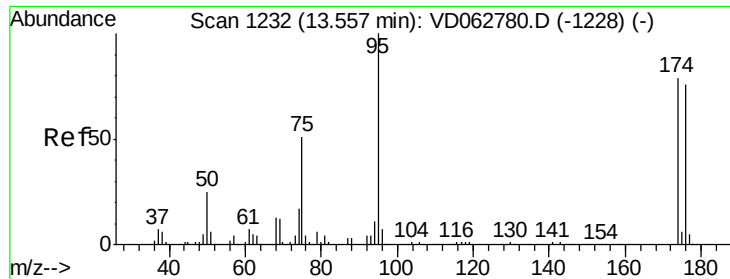
Tgt Ion: 98 Resp: 768725

Ion	Ratio	Lower	Upper
98	100		
100	69.5	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: 37.811 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. -0.02 min

Lab File: VD062932.D

Acq: 27 Jun 2019 15:33

Instrument :

MSVOA_D

ClientSampled :

CP-S4-SOIL

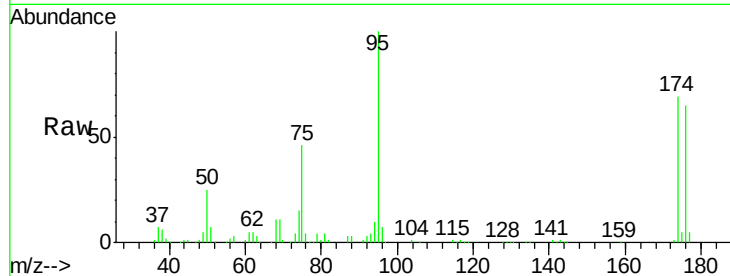
Tot Ion: 95 Resp: 297489

Ion Ratio Lower Upper

95 100

174 68.5 0.0 158.0

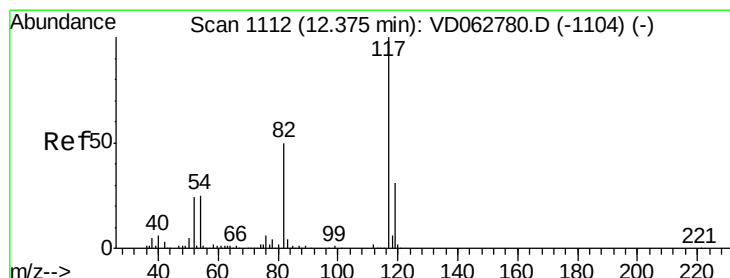
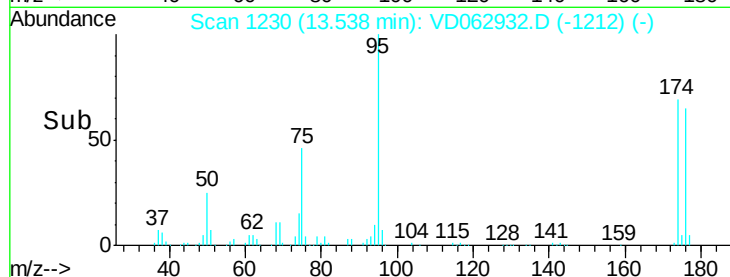
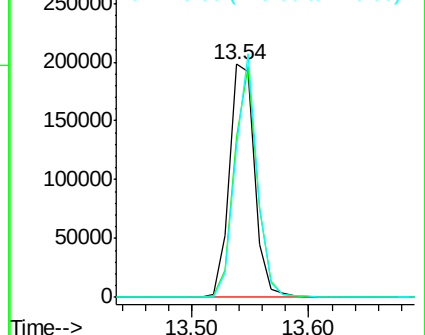
176 64.9 0.0 151.6



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# 1109

Delta R.T. -0.03 min

Lab File: VD062932.D

Acq: 27 Jun 2019 15:33

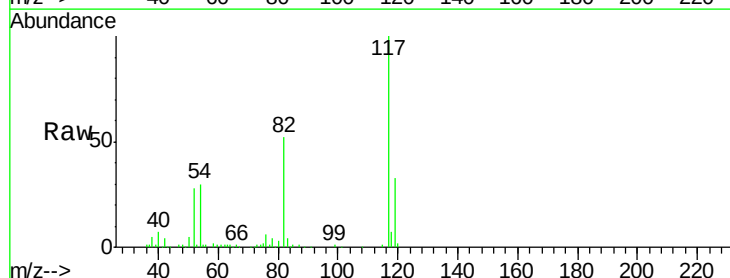
Tgt Ion: 117 Resp: 646858

Ion Ratio Lower Upper

117 100

82 52.1 40.4 60.6

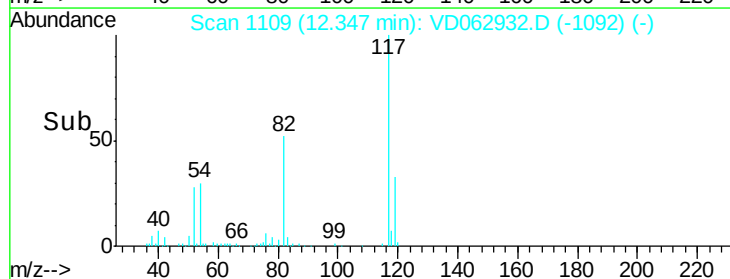
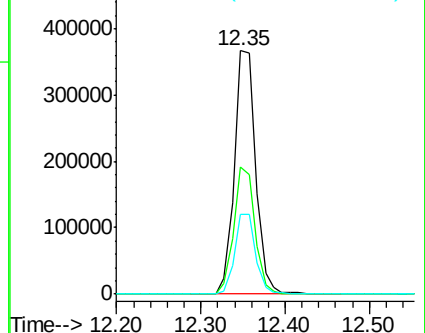
119 32.8 25.2 37.8

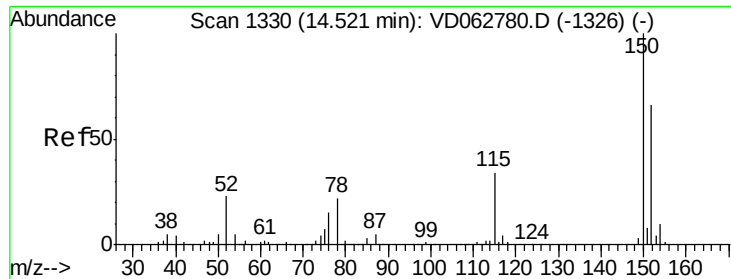


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.50 min Scan# 1328

Delta R.T. -0.02 min

Lab File: VD062932.D

Acq: 27 Jun 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

CP-S4-SOIL

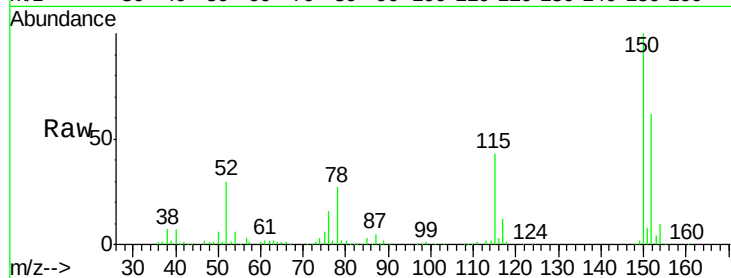
Tot Ion:152 Resp: 249355

Ion Ratio Lower Upper

152 100

115 69.7 29.2 87.6

150 161.8 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

