

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062988.D
 Acq On : 1 Jul 2019 14:20
 Operator : VA/AP
 Sample : K3563-03
 Misc : 6.81g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Jul 02 07:56:46 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	7.04	168	836988	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1128353	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	905135	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	492338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	401335	44.11	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	6.92	113	443244	46.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	10.41	98	874529	42.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.46%	
62) 4-Bromofluorobenzene	13.55	95	383304	40.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.42%	

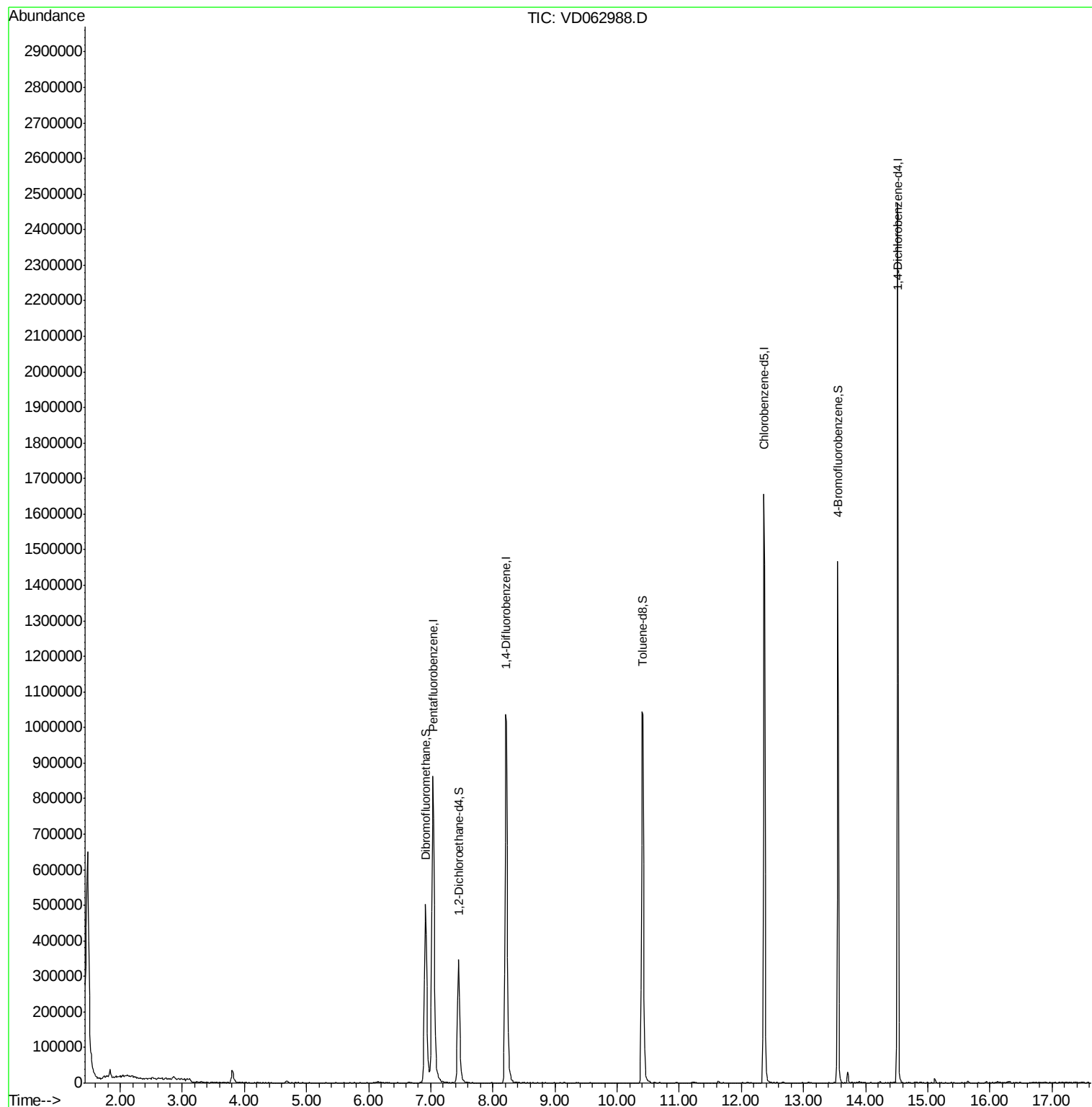
Target Compounds	Qvalue
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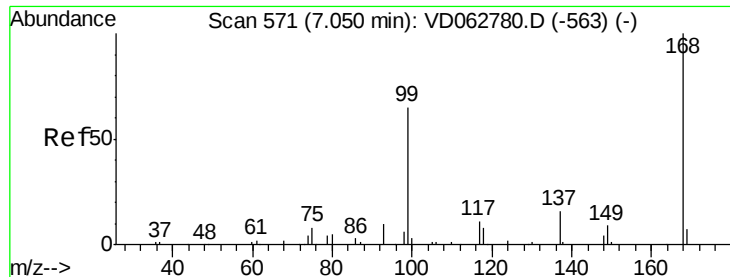
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

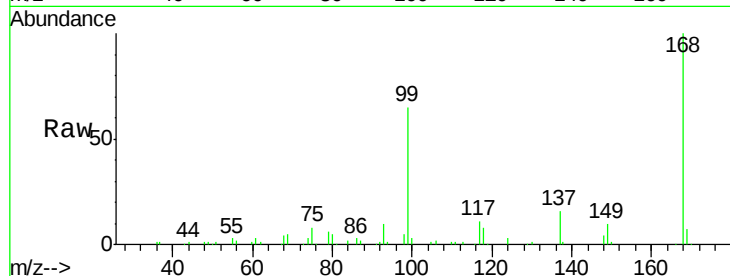
SOIL-COMP-2

Tot Ion:168 Resp: 836988

Ion Ratio Lower Upper

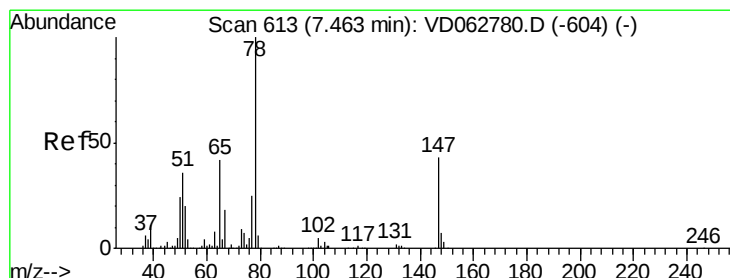
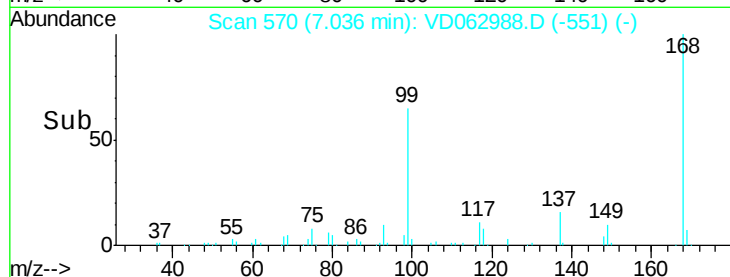
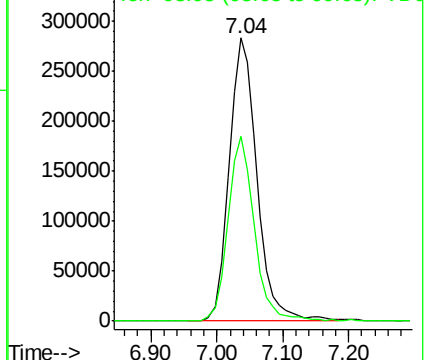
168 100

99 65.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.113 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062988.D

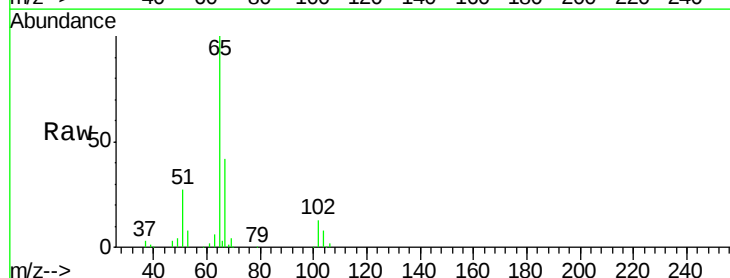
Acq: 1 Jul 2019 14:20

Tgt Ion: 65 Resp: 401335

Ion Ratio Lower Upper

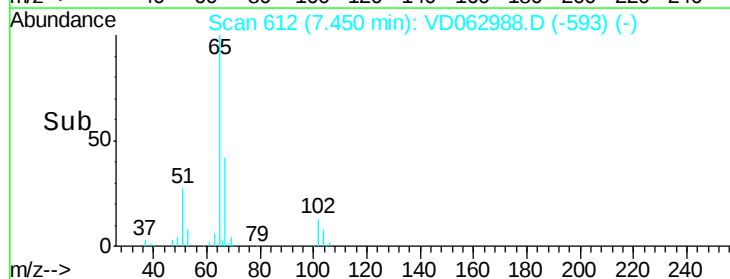
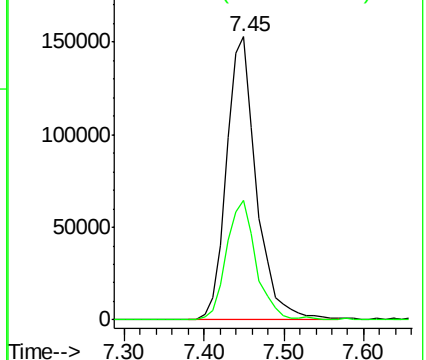
65 100

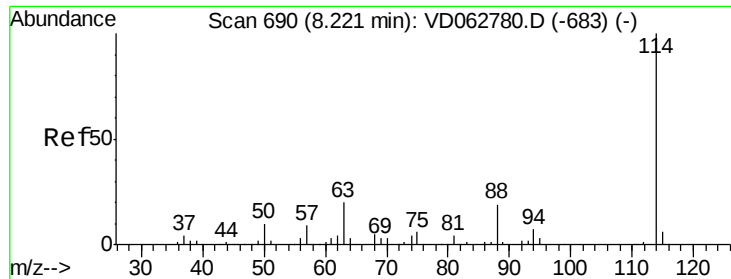
67 42.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

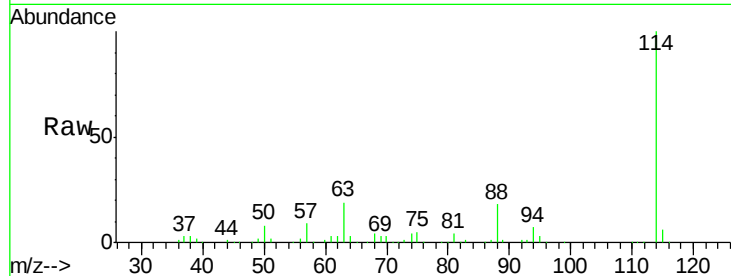




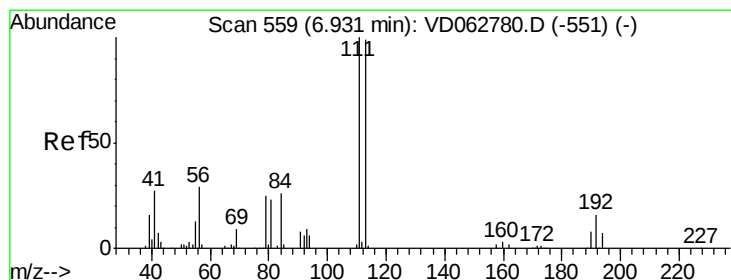
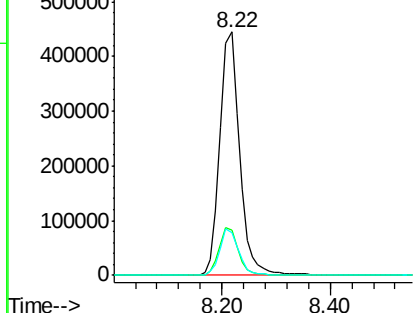
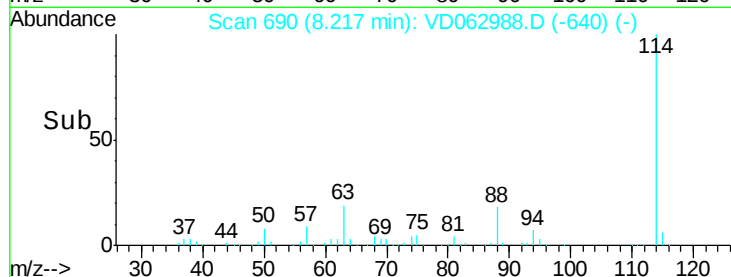
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062988.D
 Acq: 1 Jul 2019 14:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-2

Tot Ion:114 Resp: 1128353
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 17.5 0.0 38.8

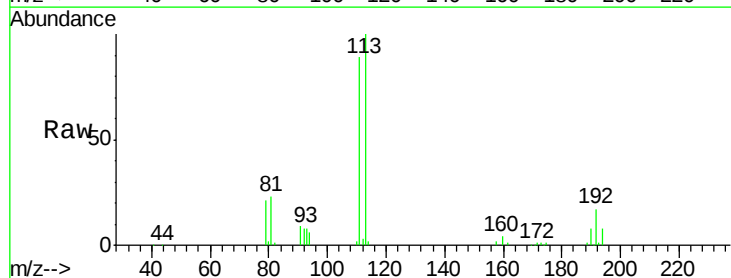


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

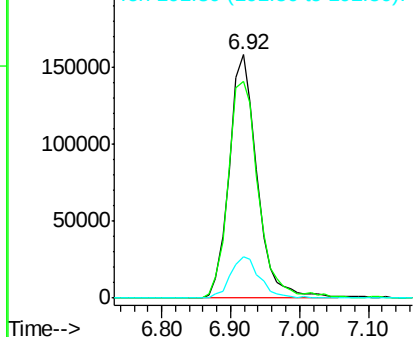
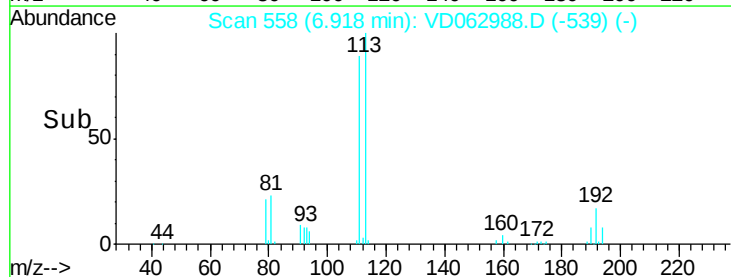


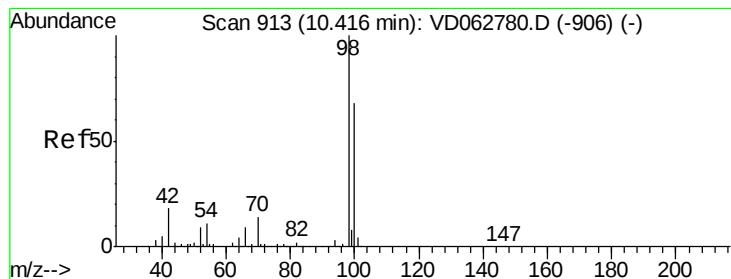
#35
 Dibromofluoromethane
 Concen: 46.587 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062988.D
 Acq: 1 Jul 2019 14:20

Tgt Ion:113 Resp: 443244
 Ion Ratio Lower Upper
 113 100
 111 89.2 81.2 121.8
 192 17.0 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: 42.233 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

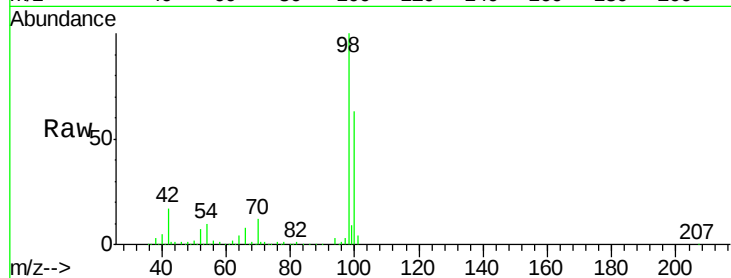
SOIL-COMP-2

Tot Ion: 98 Resp: 874529

Ion Ratio Lower Upper

98 100

100 63.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.41

400000

300000

200000

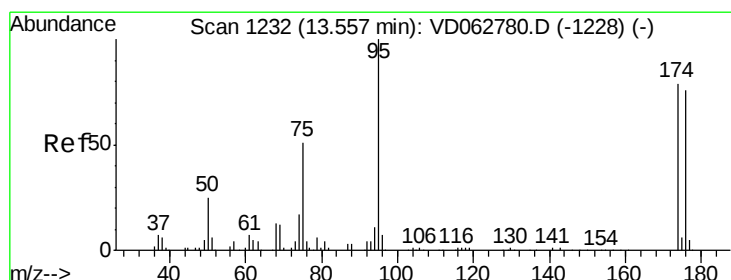
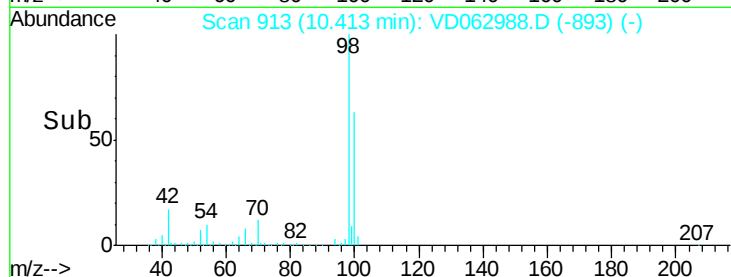
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 40.709 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062988.D

Acq: 1 Jul 2019 14:20

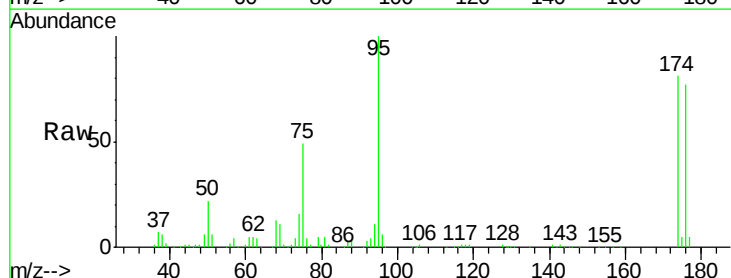
Tgt Ion: 95 Resp: 383304

Ion Ratio Lower Upper

95 100

174 81.0 0.0 158.0

176 76.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

13.55

400000

300000

200000

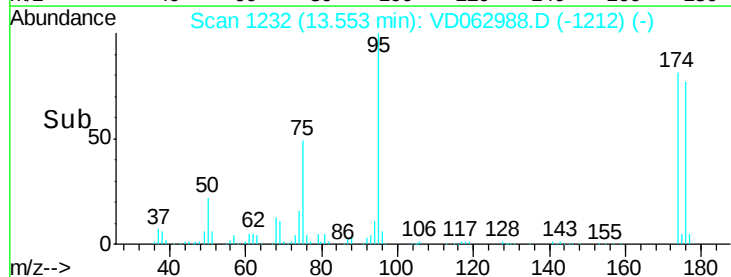
100000

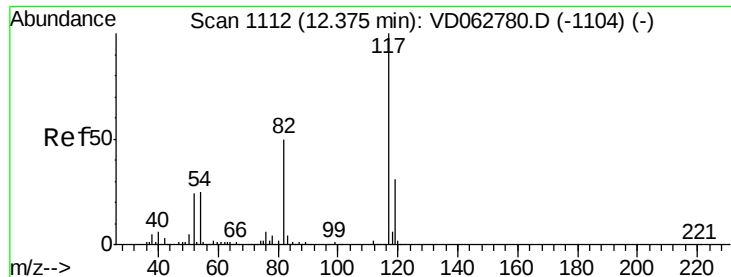
0

13.50

13.60

Time-->

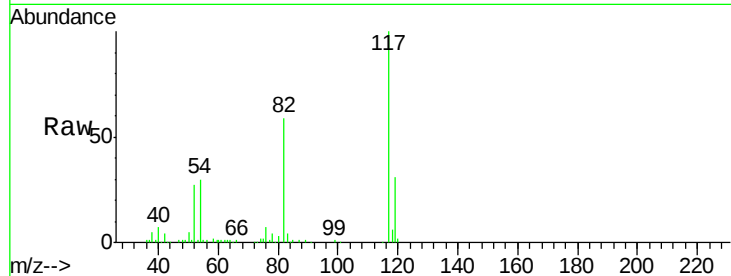




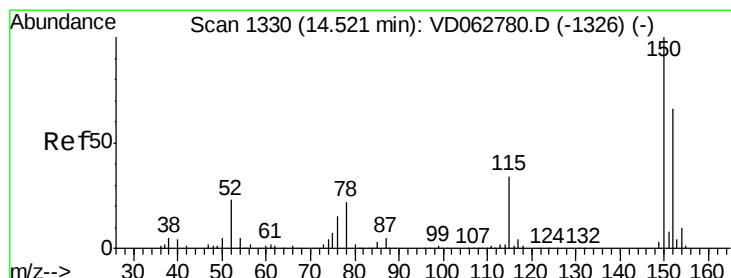
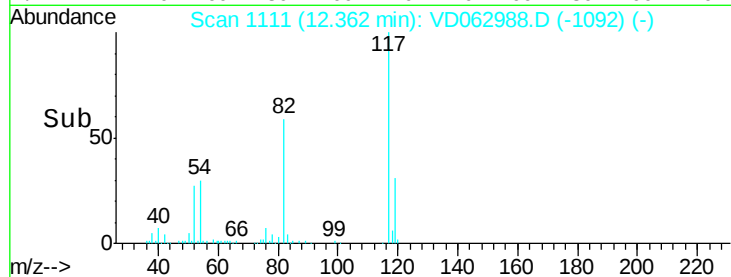
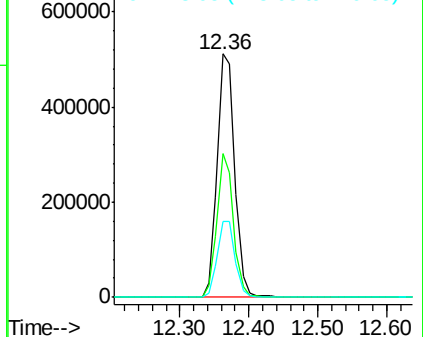
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-2

Tot Ion:117 Resp: 905135
Ion Ratio Lower Upper
117 100
82 59.1 40.4 60.6
119 31.3 25.2 37.8

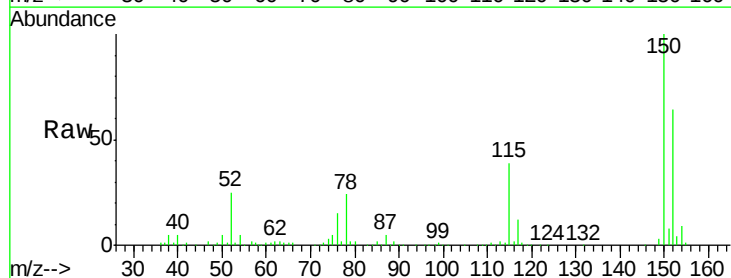


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062988.D
Acq: 1 Jul 2019 14:20

Tgt Ion:152 Resp: 492338
Ion Ratio Lower Upper
152 100
115 61.6 29.2 87.6
150 156.7 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

