

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061997.D
 Acq On : 24 Apr 2019 14:54
 Operator : VA/AP
 Sample : K2518-05
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-SOIL

Quant Time: Apr 25 10:50:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	21821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	49206	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	38890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	14576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	24012	140.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.20%	
35) Dibromofluoromethane	6.94	113	15285	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
50) Toluene-d8	10.42	98	28005	34.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.16%	
62) 4-Bromofluorobenzene	13.56	95	15396	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

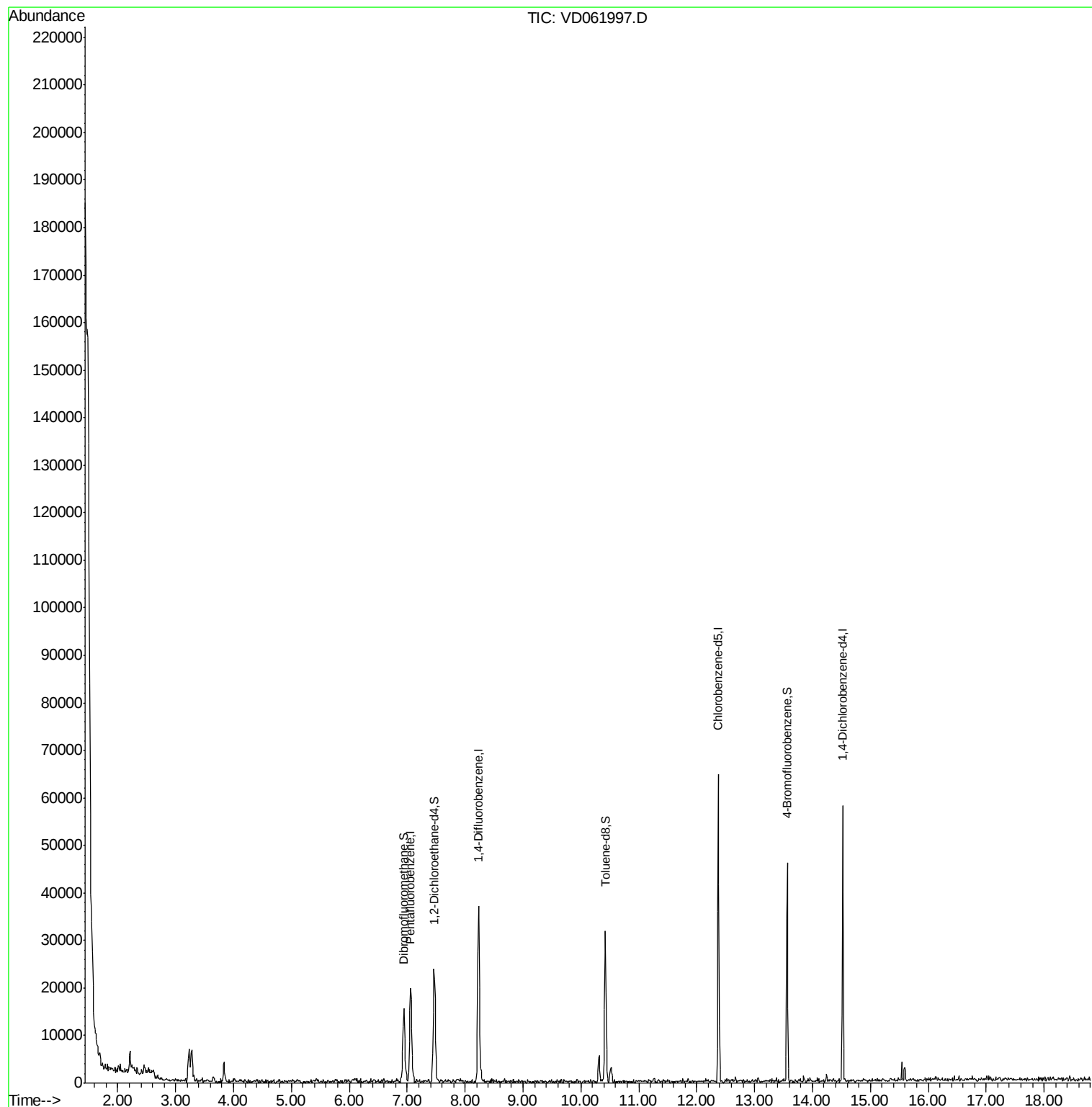
Target Compounds	Qvalue

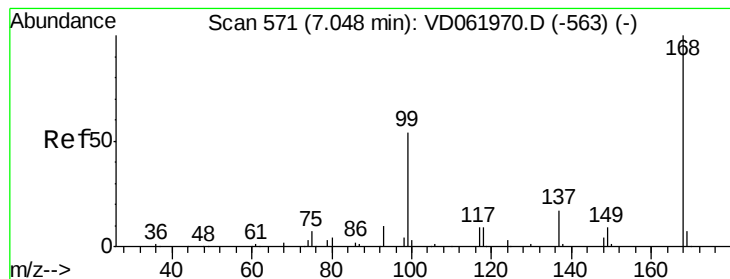
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061997.D

Acq: 24 Apr 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

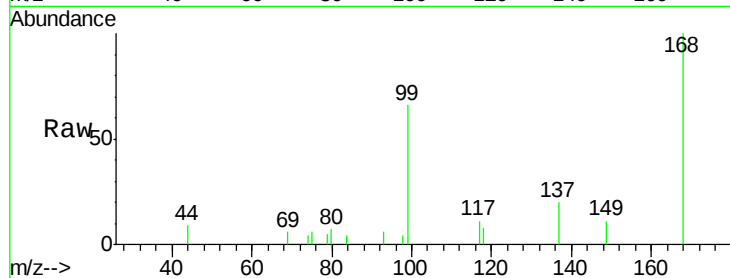
MUDDY-SOIL

Tot Ion:168 Resp: 21821

Ion Ratio Lower Upper

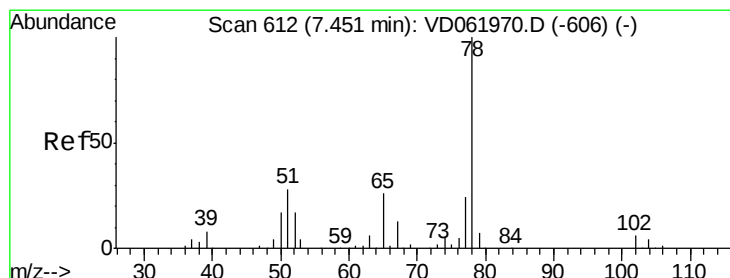
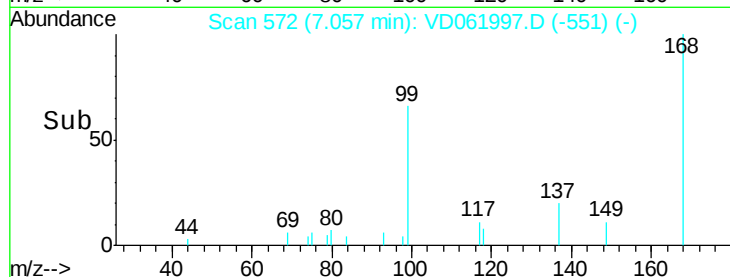
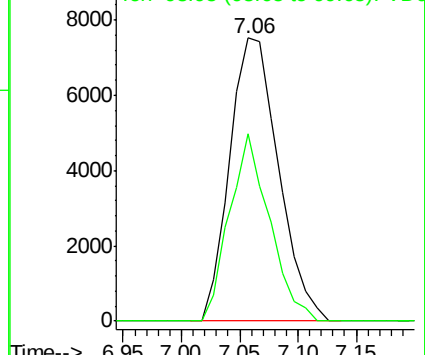
168 100

99 66.1 46.5 69.7



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: 140.599 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061997.D

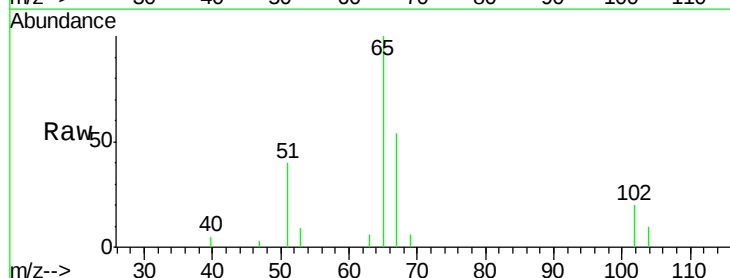
Acq: 24 Apr 2019 14:54

Tgt Ion: 65 Resp: 24012

Ion Ratio Lower Upper

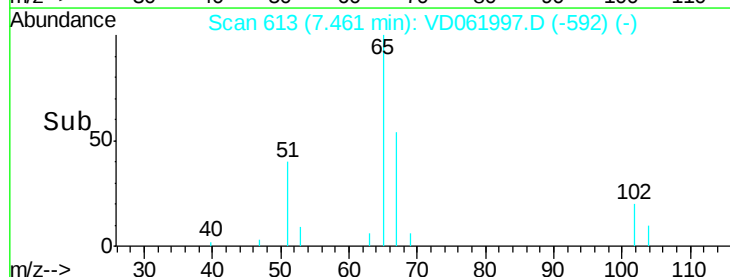
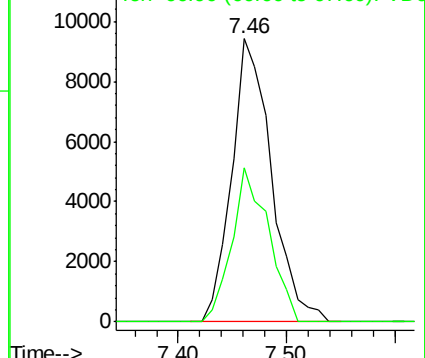
65 100

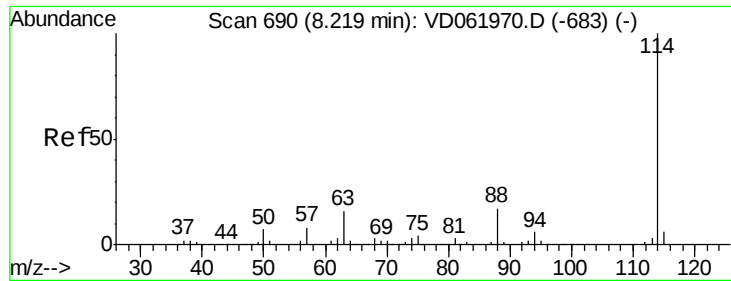
67 54.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

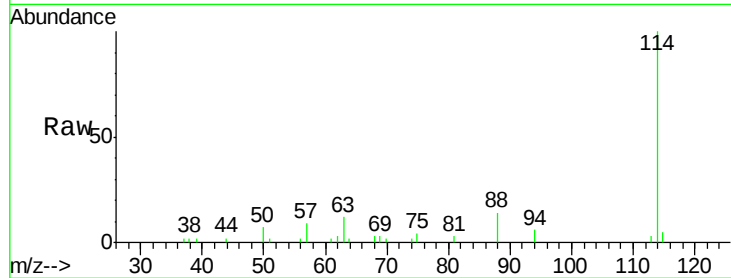




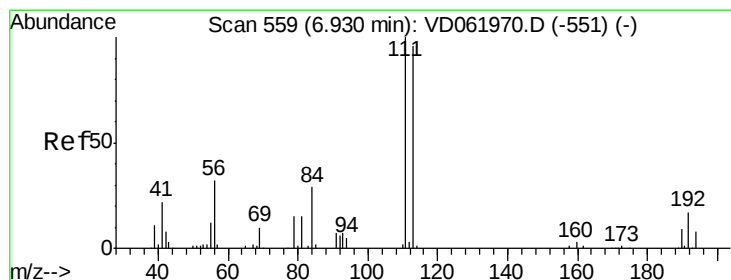
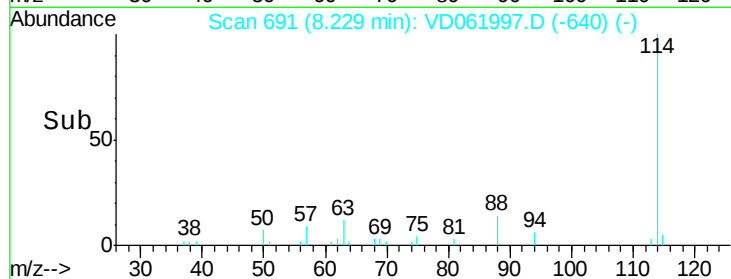
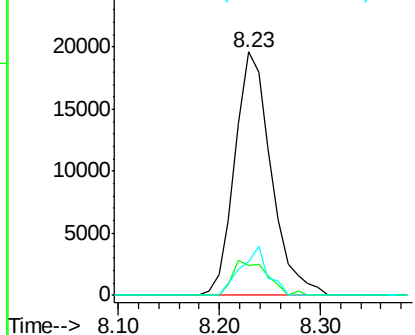
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061997.D
 Acq: 24 Apr 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-SOIL

Tot Ion:114 Resp: 49206
 Ion Ratio Lower Upper
 114 100
 63 12.4 0.0 32.4
 88 13.8 0.0 33.6

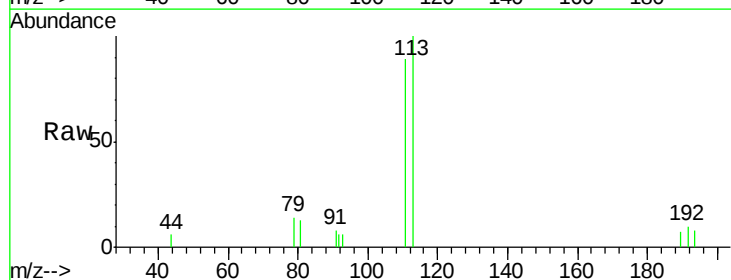


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

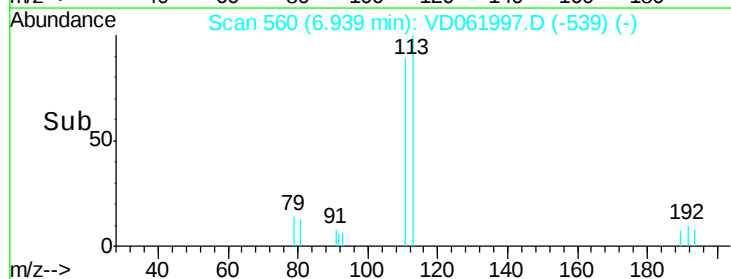
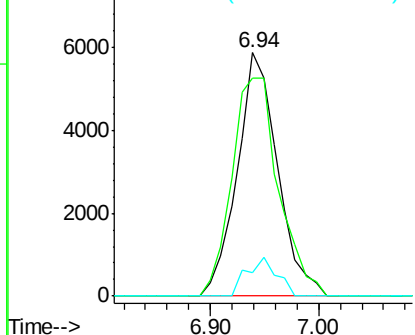


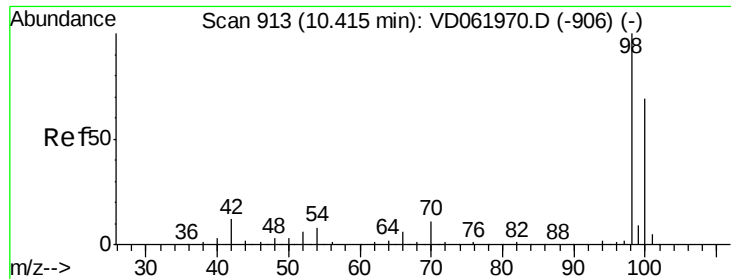
#35
 Dibromofluoromethane
 Concen: 44.915 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061997.D
 Acq: 24 Apr 2019 14:54

Tgt Ion:113 Resp: 15285
 Ion Ratio Lower Upper
 113 100
 111 89.4 78.5 117.7
 192 9.7 13.0 19.4#



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: 34.584 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061997.D

Acq: 24 Apr 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

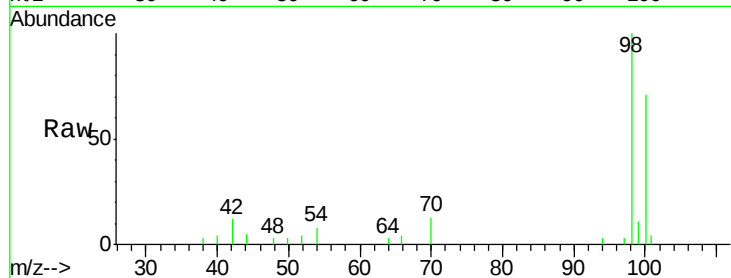
MUDDY-SOIL

Tot Ion: 98 Resp: 28005

Ion Ratio Lower Upper

98 100

100 71.3 53.8 80.8



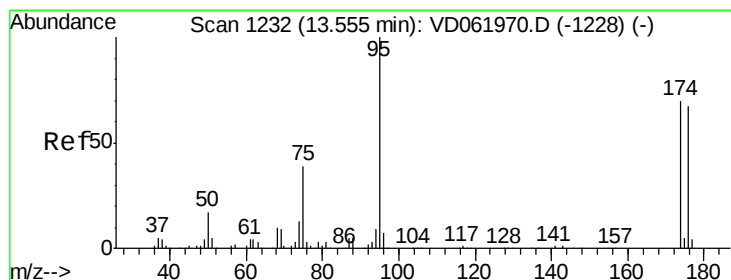
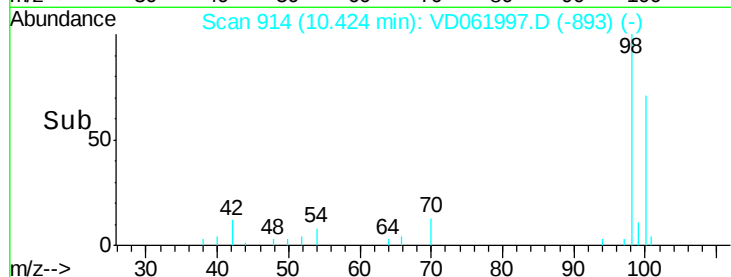
Abundance Ion 98.05 (97.75 to 98.75): VD061997.D (-893) (-)

Ion 100.05 (99.75 to 100.75): VD061997.D (-893) (-)

10.42

10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 47.403 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061997.D

Acq: 24 Apr 2019 14:54

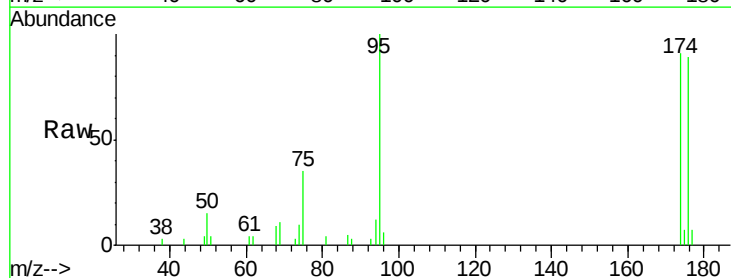
Tgt Ion: 95 Resp: 15396

Ion Ratio Lower Upper

95 100

174 91.1 0.0 181.8

176 88.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061997.D (-1212) (-)

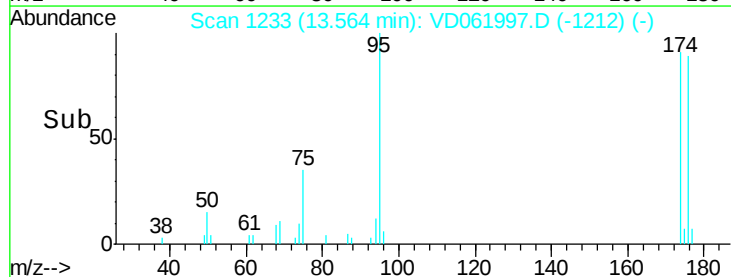
Ion 173.90 (173.60 to 174.60): VD061997.D (-1212) (-)

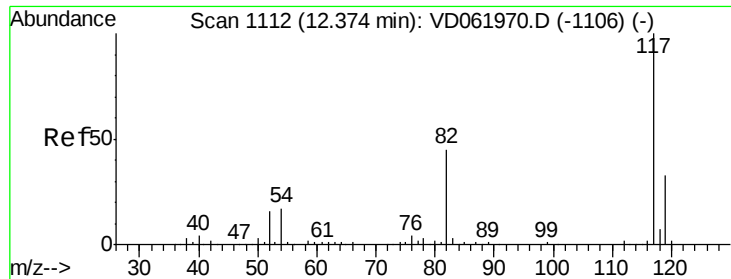
Ion 175.90 (175.60 to 176.60): VD061997.D (-1212) (-)

13.56

13.50 13.60

Time-->

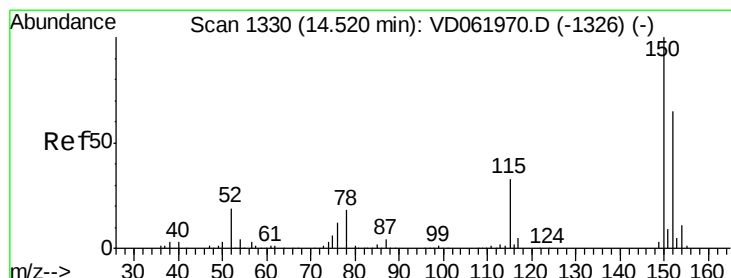
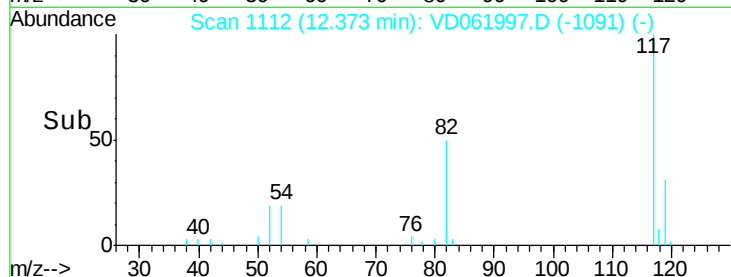
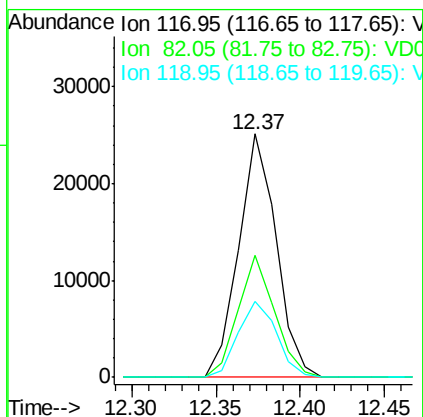
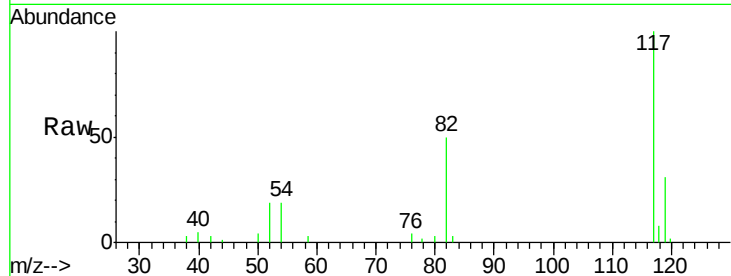




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD061997.D
 Acq: 24 Apr 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-SOIL

Tot Ion:117 Resp: 38890
 Ion Ratio Lower Upper
 117 100
 82 50.0 36.2 54.2
 119 31.1 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061997.D
 Acq: 24 Apr 2019 14:54

Tgt Ion:152 Resp: 14576
 Ion Ratio Lower Upper
 152 100
 115 48.0 30.9 92.7
 150 143.3 0.0 314.8

