

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062027.D
 Acq On : 25 Apr 2019 8:11
 Operator : VA/AP
 Sample : K2518-05RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-SOILRE

Quant Time: Apr 25 11:38:18 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	30891	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	54853	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	43571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	15189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	31581	130.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	261.24%	
35) Dibromofluoromethane	6.94	113	23652	62.35	ug/l	0.01
Spiked Amount	50.000		Recovery	=	124.70%	
50) Toluene-d8	10.42	98	36729	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	
62) 4-Bromofluorobenzene	13.56	95	18454	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

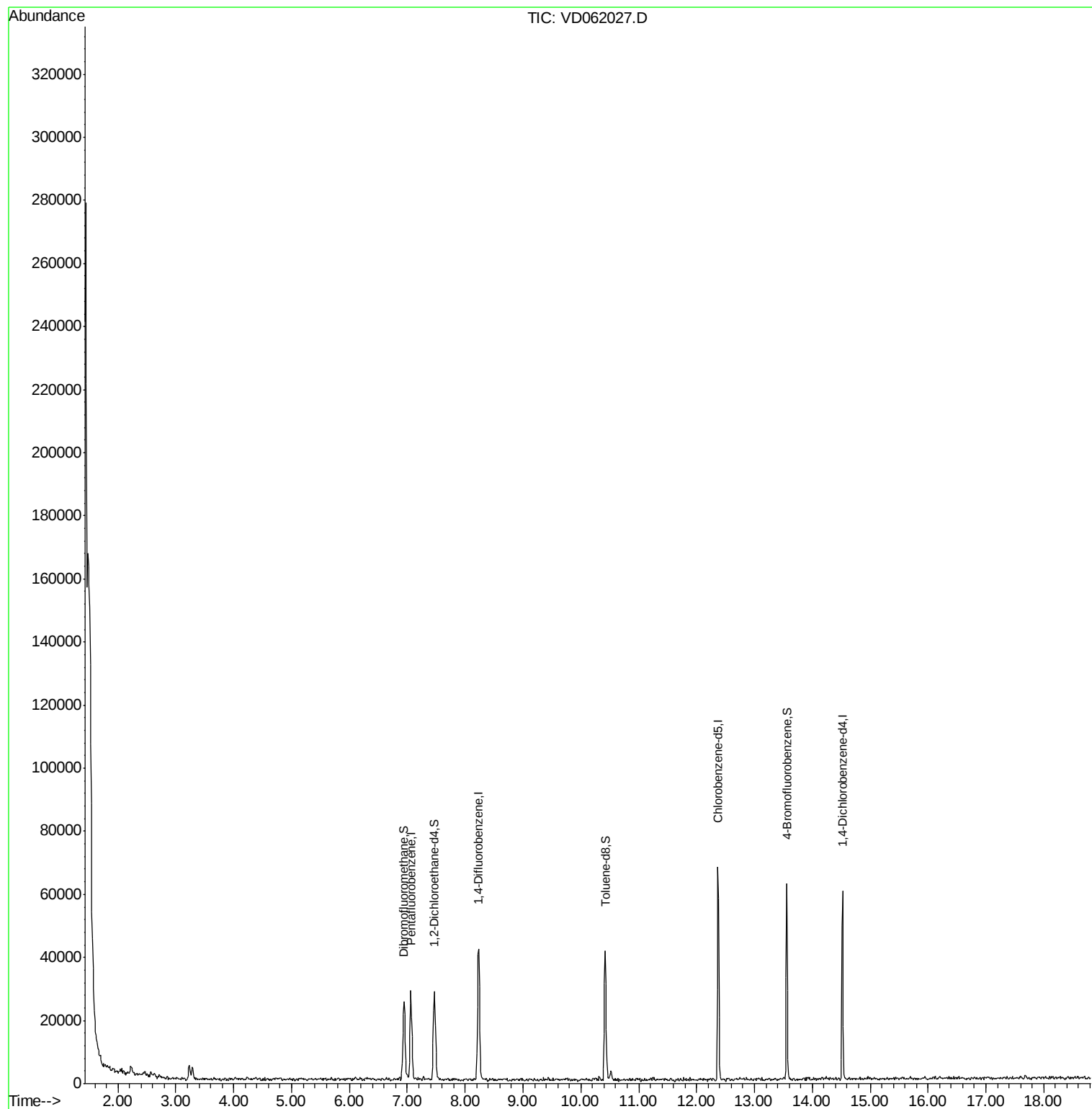
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062027.D

Acq: 25 Apr 2019 8:11

Instrument :

MSVOA_D

ClientSampleId :

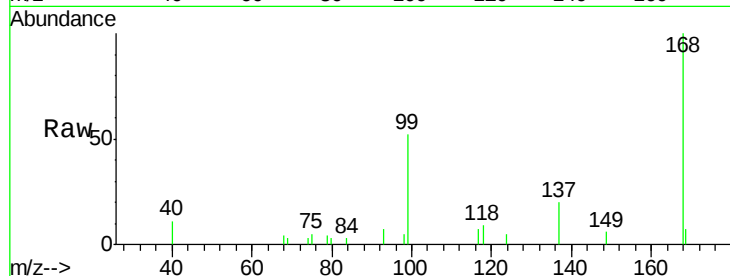
MUDDY-SOILRE

Tot Ion:168 Resp: 30891

Ion Ratio Lower Upper

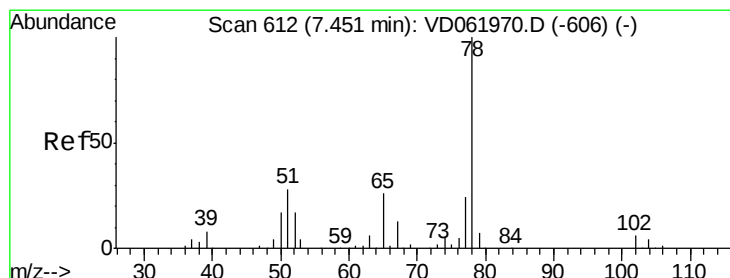
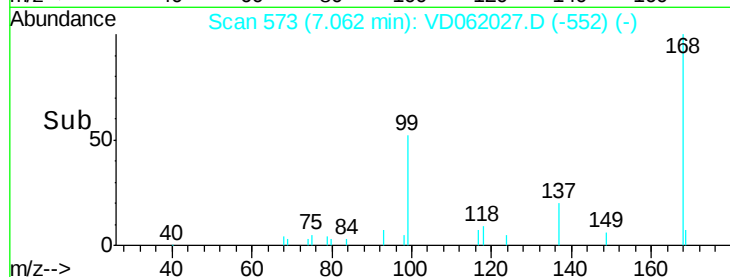
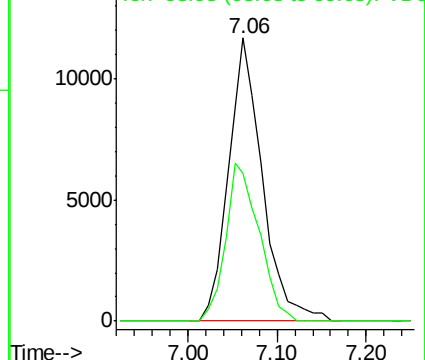
168 100

99 52.1 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: 130.624 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062027.D

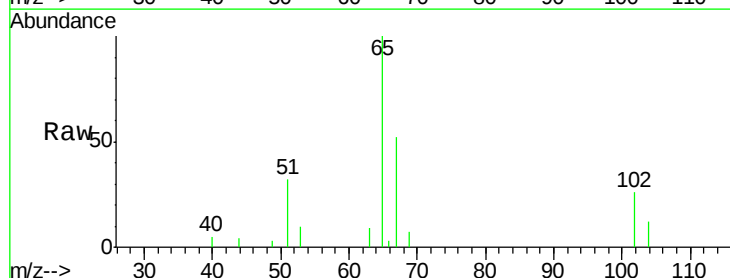
Acq: 25 Apr 2019 8:11

Tgt Ion: 65 Resp: 31581

Ion Ratio Lower Upper

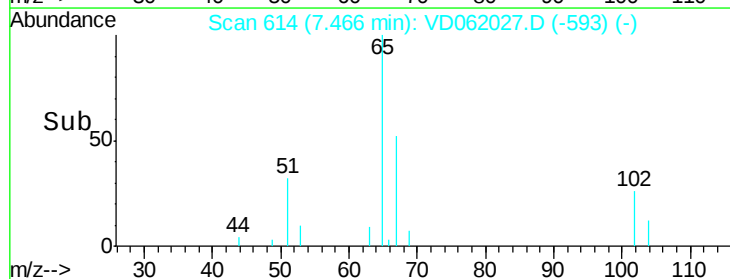
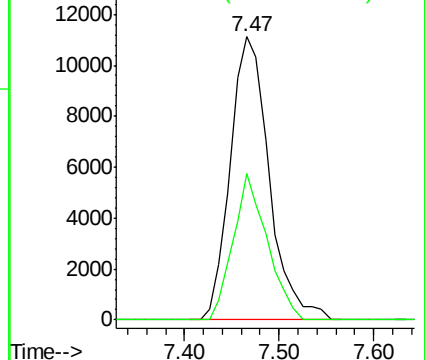
65 100

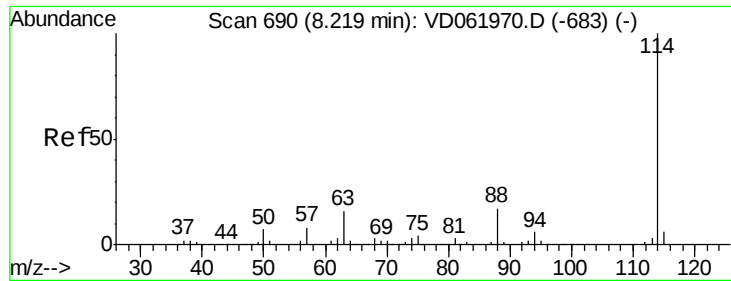
67 51.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

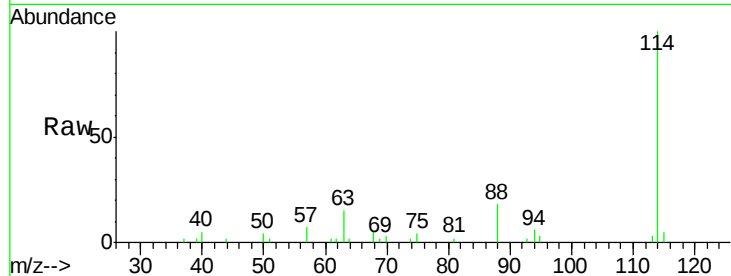




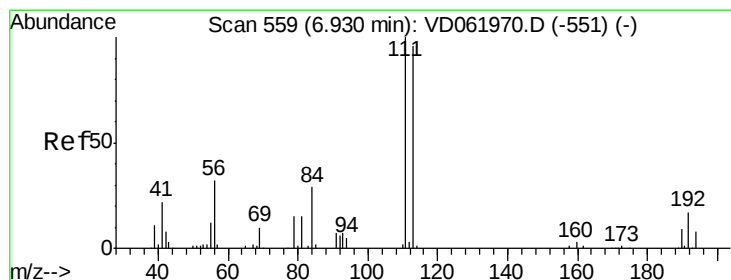
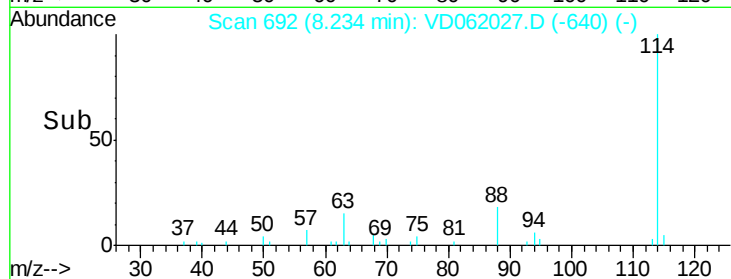
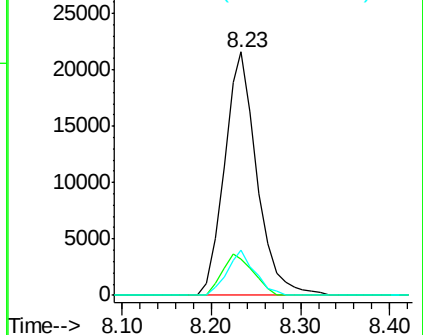
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062027.D
 Acq: 25 Apr 2019 8:11

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-SOILRE

Tot Ion:114 Resp: 54853
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 32.4
 88 18.5 0.0 33.6

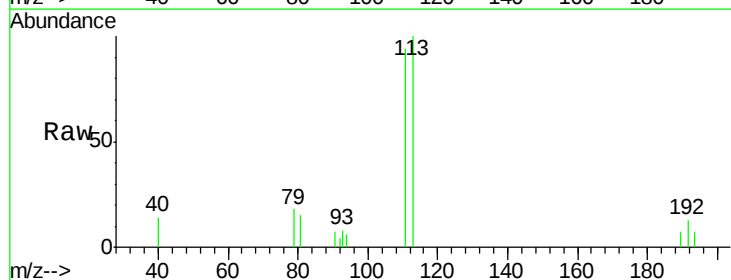


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

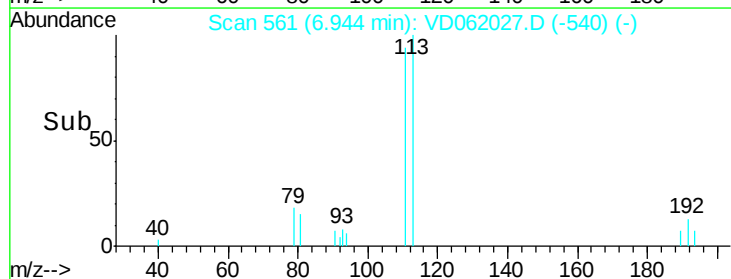
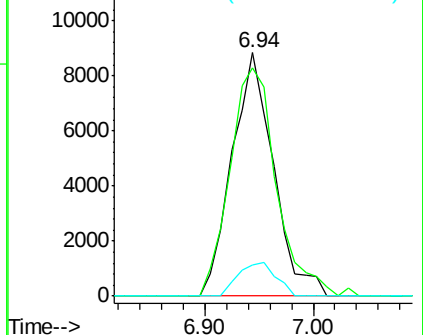


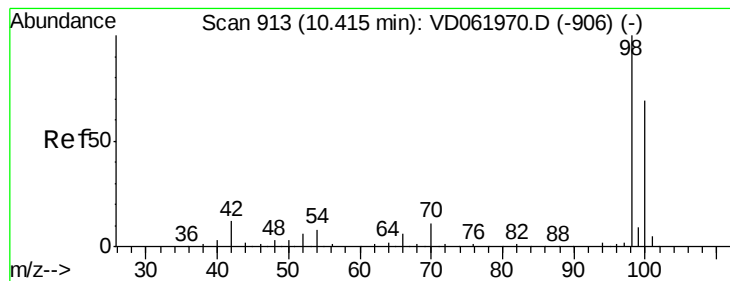
#35
 Dibromofluoromethane
 Concen: 62.347 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD062027.D
 Acq: 25 Apr 2019 8:11

Tgt Ion:113 Resp: 23652
 Ion Ratio Lower Upper
 113 100
 111 93.8 78.5 117.7
 192 12.8 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: 40.688 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062027.D

Acq: 25 Apr 2019 8:11

Instrument :

MSVOA_D

ClientSampleId :

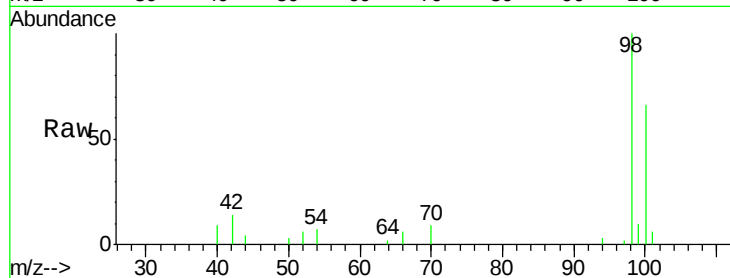
MUDDY-SOILRE

Tot Ion: 98 Resp: 36729

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

20000

15000

10000

5000

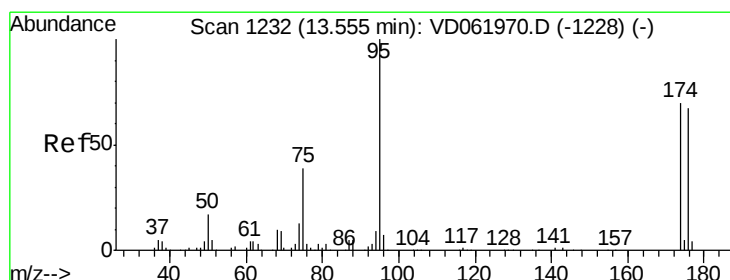
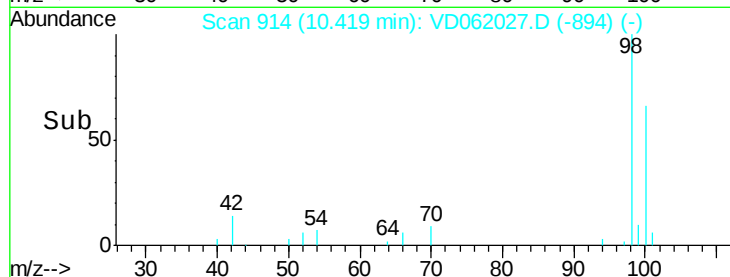
0

10.42

10.40

10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 50.969 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062027.D

Acq: 25 Apr 2019 8:11

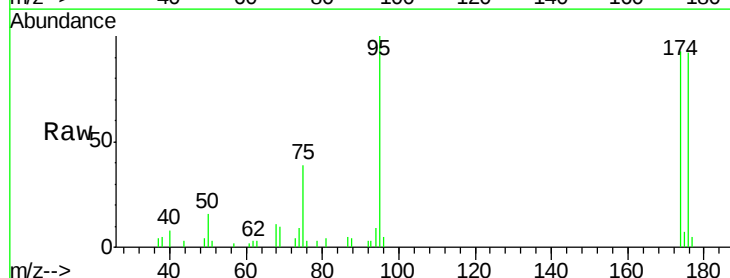
Tgt Ion: 95 Resp: 18454

Ion Ratio Lower Upper

95 100

174 93.4 0.0 181.8

176 92.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

15000

10000

5000

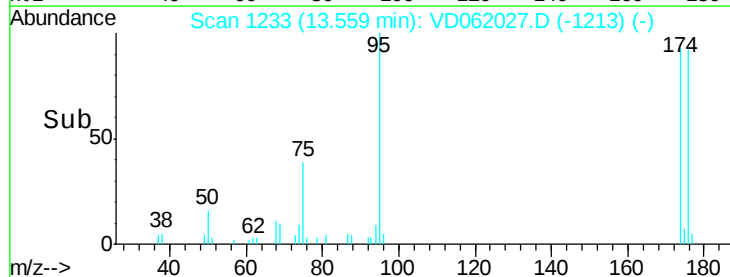
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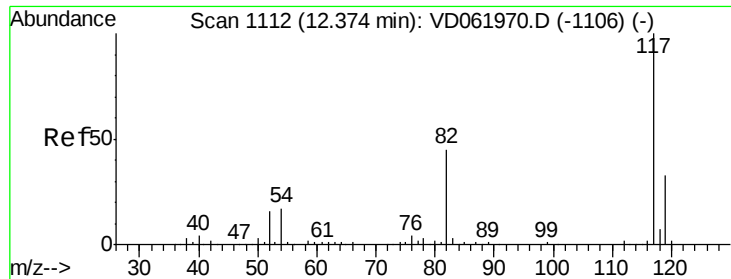
13.56

13.50

13.60

Time-->

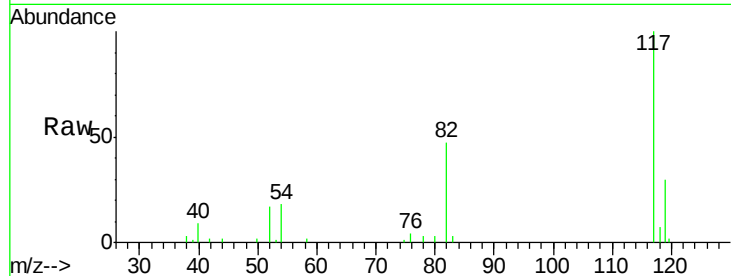




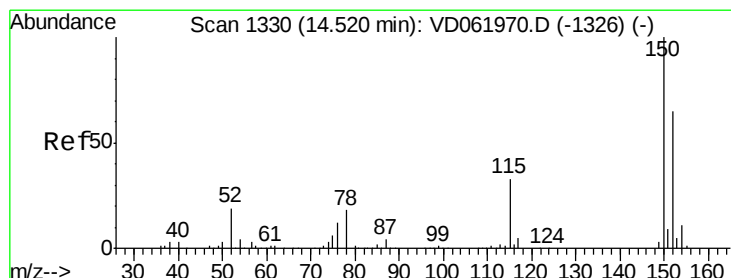
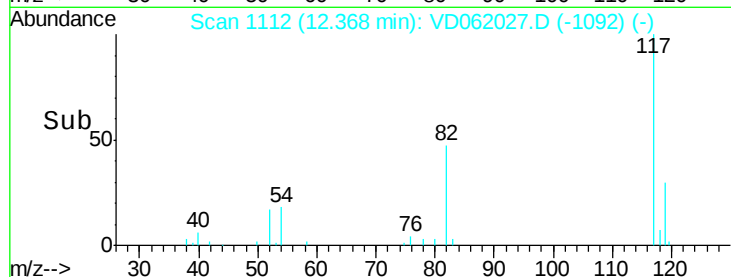
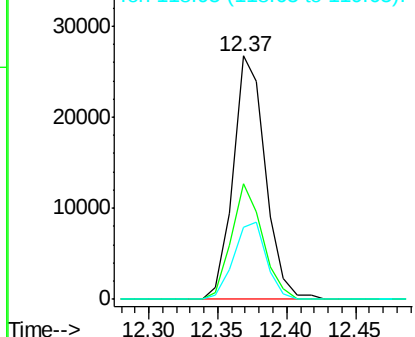
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-SOILRE

Tot Ion:117 Resp: 43571
Ion Ratio Lower Upper
117 100
82 47.3 36.2 54.2
119 29.6 26.2 39.4

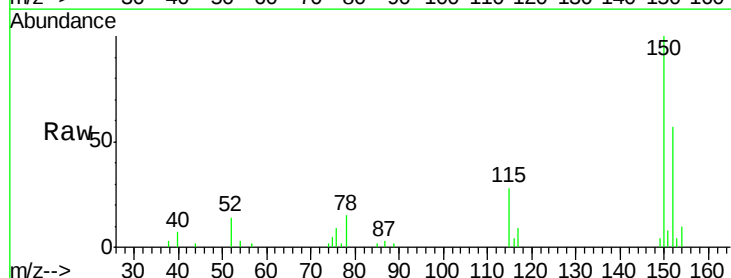


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion:152 Resp: 15189
Ion Ratio Lower Upper
152 100
115 49.2 30.9 92.7
150 174.3 0.0 314.8



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

