

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062471.D
 Acq On : 20 May 2019 22:13
 Operator : FY/SY
 Sample : k2869-09
 Misc : 5.75g/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCKY-SOIL

Quant Time: May 21 04:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

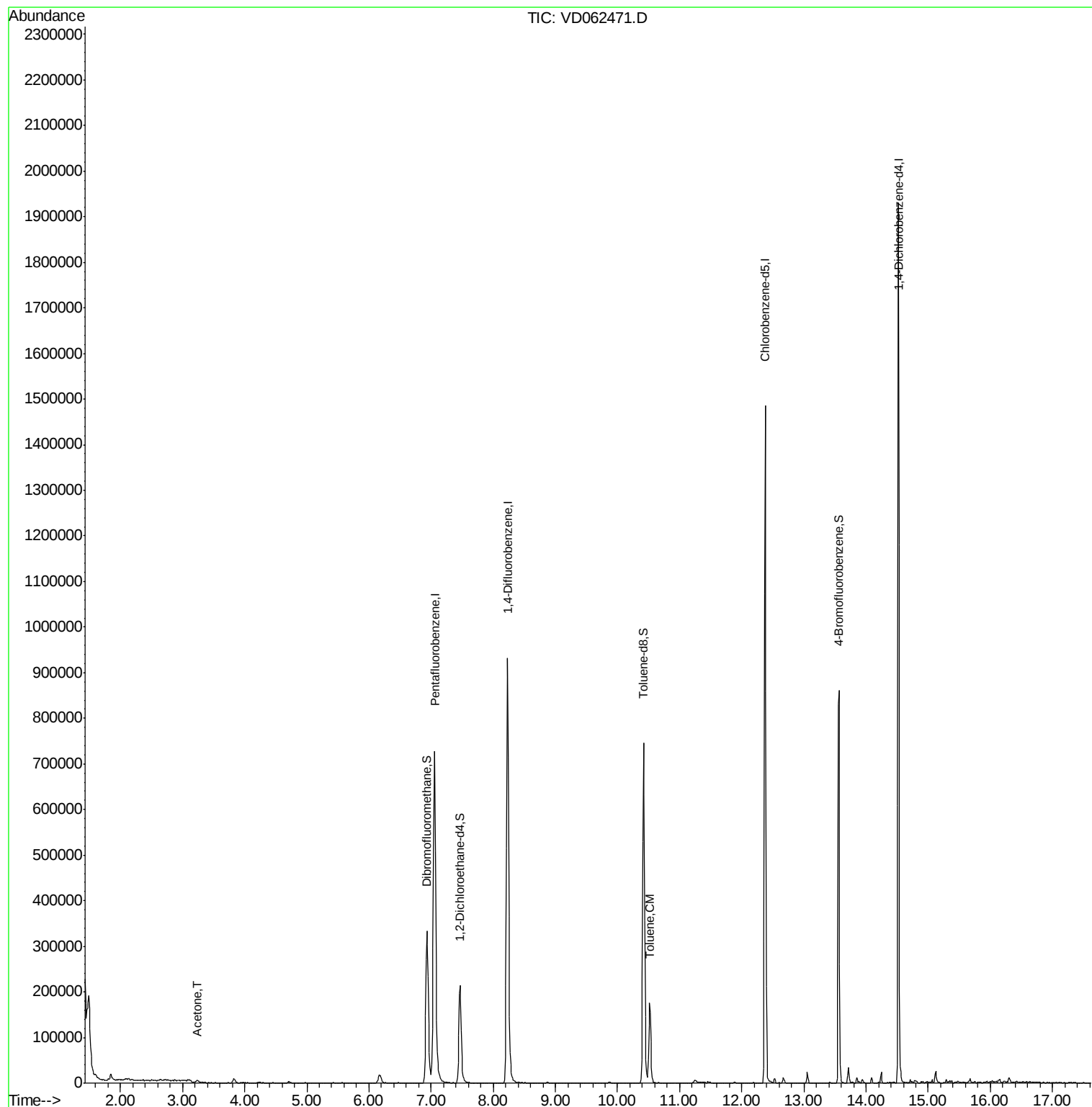
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	722722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1046407	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	803965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	402068	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	239851	31.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.00%	
35) Dibromofluoromethane	6.93	113	309622	32.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	65.60%	
50) Toluene-d8	10.42	98	612384	29.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	59.28%	
62) 4-Bromofluorobenzene	13.56	95	269946	29.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	59.74%	
Target Compounds						
16) Acetone	3.23	43	10568	7.623	ug/l #	83
52) Toluene	10.51	92	92270	6.868	ug/l	93

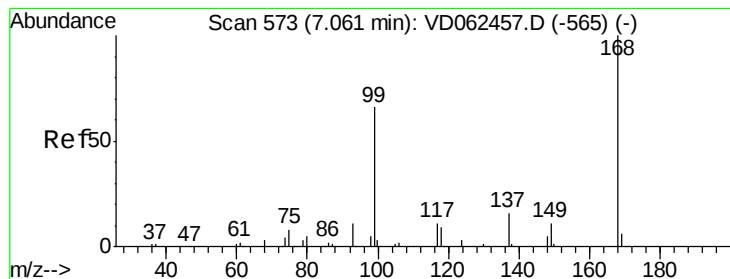
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

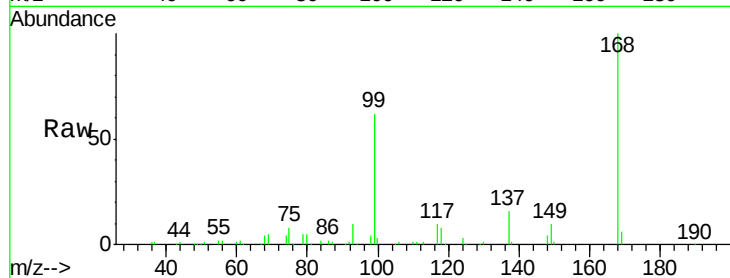
ROCKY-SOIL

Tot Ion:168 Resp: 722722

Ion Ratio Lower Upper

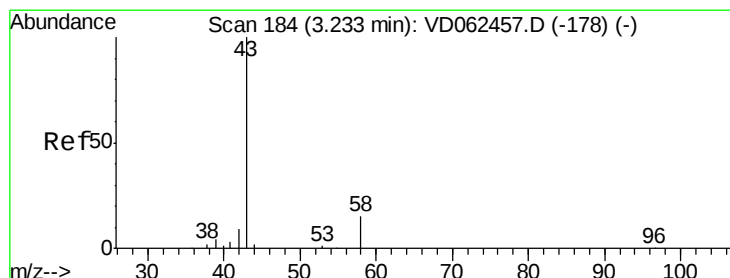
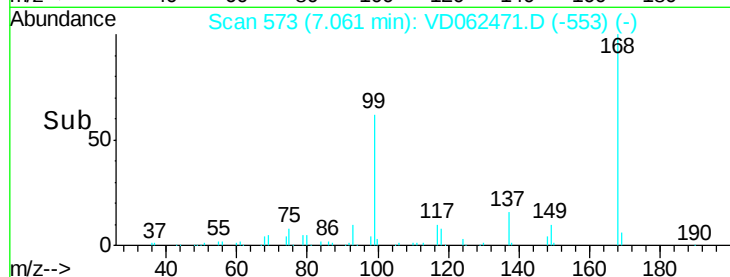
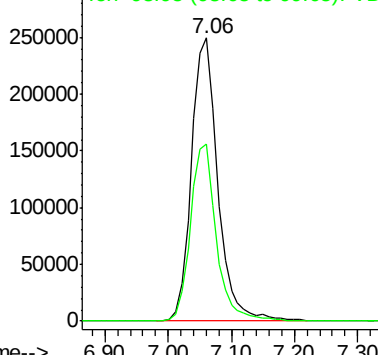
168 100

99 62.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 7.623 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD062471.D

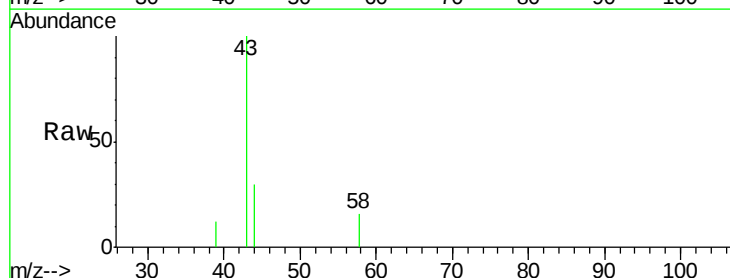
Acq: 20 May 2019 22:13

Tgt Ion: 43 Resp: 10568

Ion Ratio Lower Upper

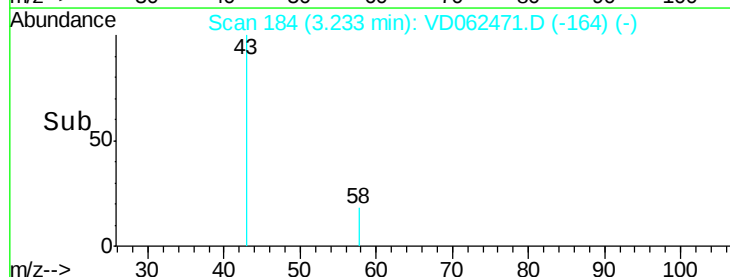
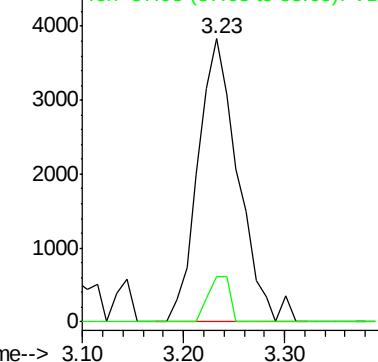
43 100

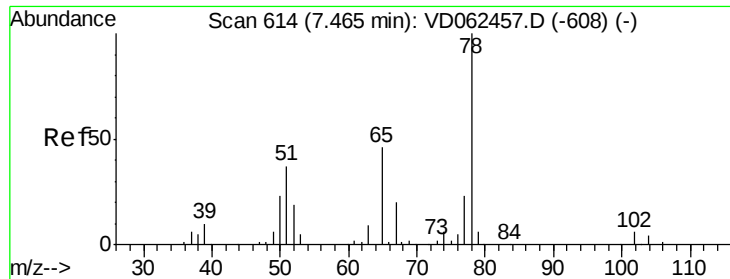
58 16.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 31.003 ug/l

RT: 7.46 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062471.D

Acq: 20 May 2019 22:13

Instrument :

MSVOA_D

ClientSampleId :

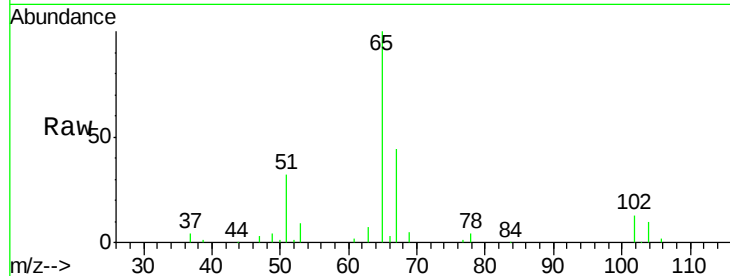
ROCKY-SOIL

Tot Ion: 65 Resp: 239851

Ion Ratio Lower Upper

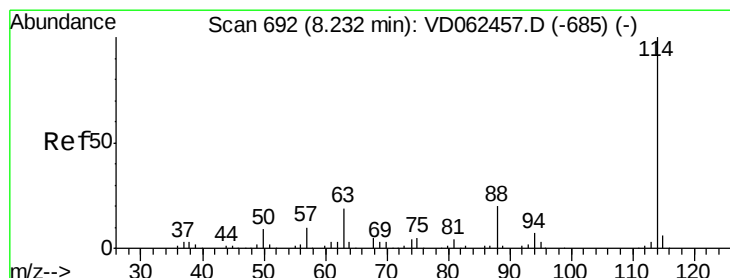
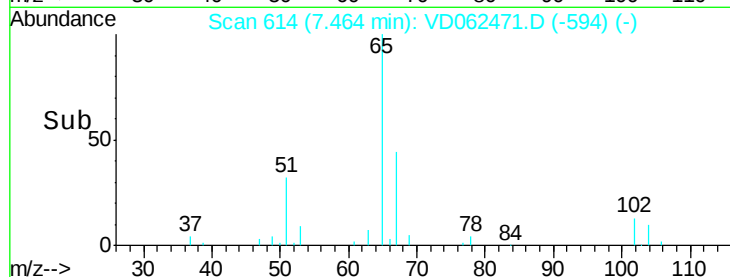
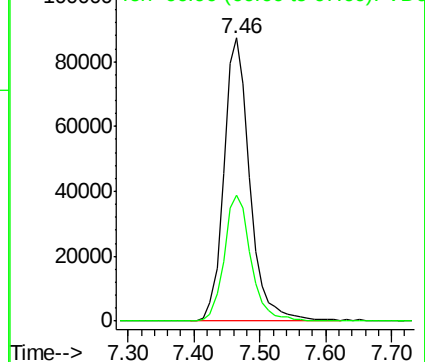
65 100

67 44.5 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. -0.00 min

Lab File: VD062471.D

Acq: 20 May 2019 22:13

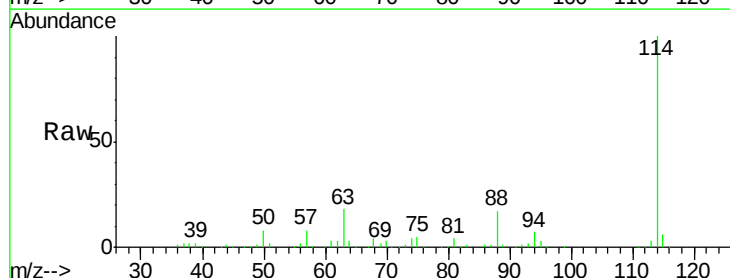
Tgt Ion: 114 Resp: 1046407

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

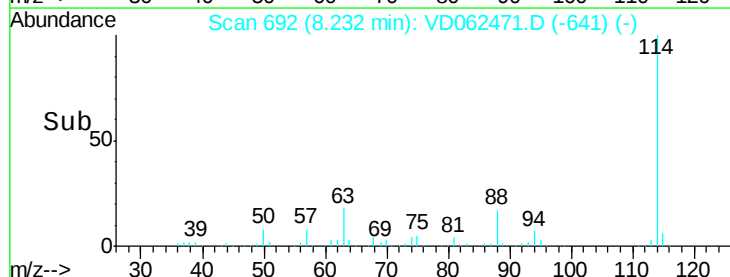
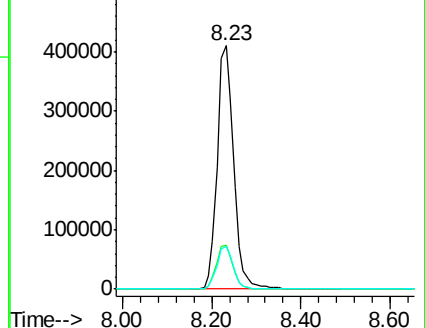
88 17.5 0.0 33.6

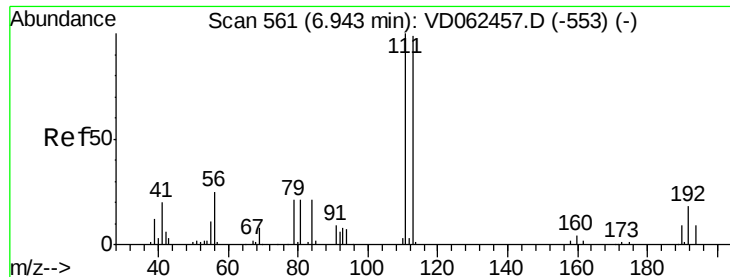


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 32.799 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062471.D

Acq: 20 May 2019 22:13

Instrument :

MSVOA_D

ClientSampleId :

ROCKY-SOIL

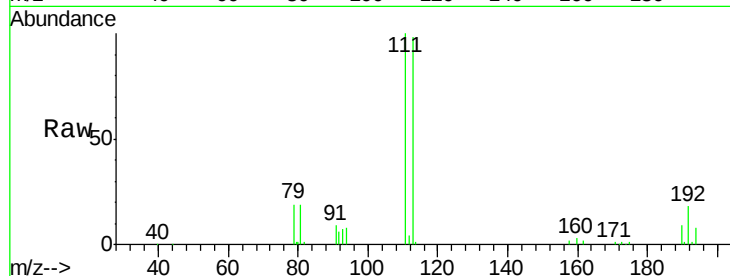
Tot Ion:113 Resp: 309622

Ion Ratio Lower Upper

113 100

111 102.1 78.5 117.7

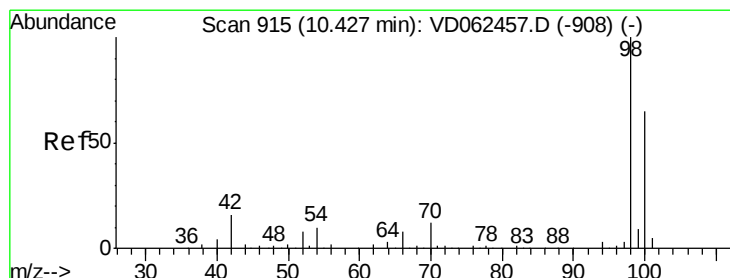
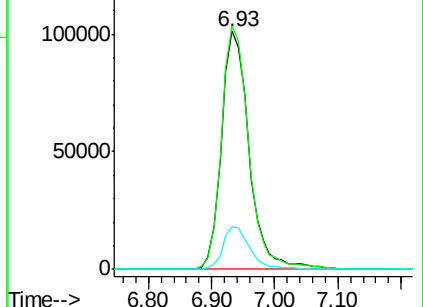
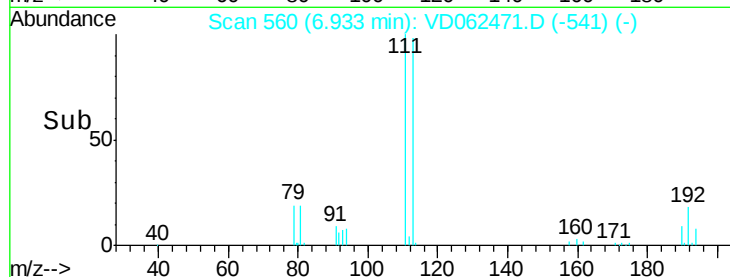
192 18.1 13.0 19.4



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: 29.644 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062471.D

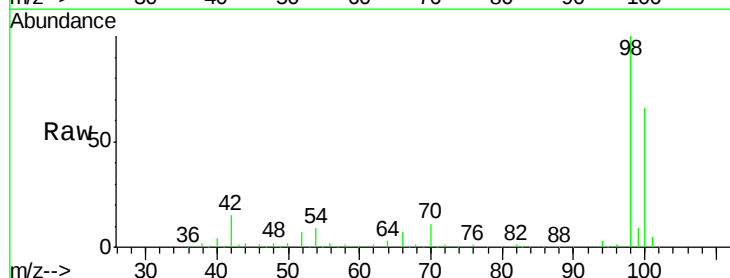
Acq: 20 May 2019 22:13

Tgt Ion: 98 Resp: 612384

Ion Ratio Lower Upper

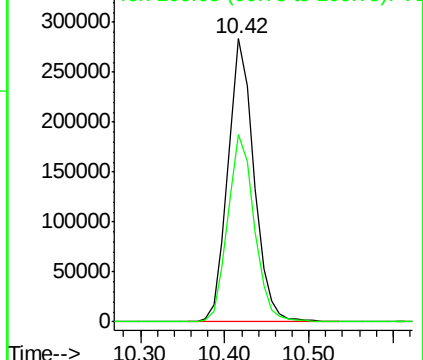
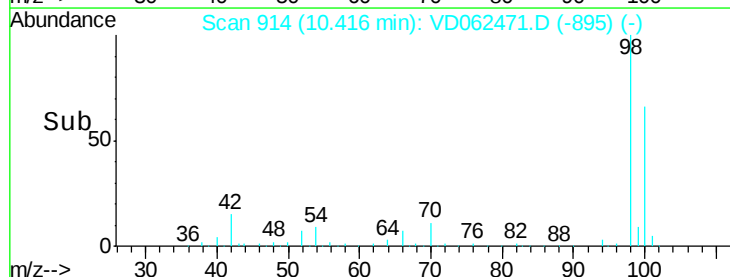
98 100

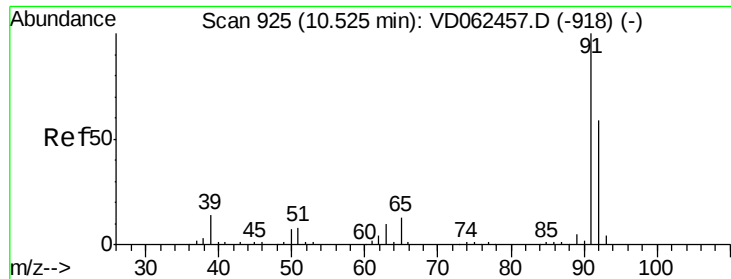
100 66.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 6.868 ug/l

RT: 10.51 min Scan# 924

Delta R.T. -0.01 min

Lab File: VD062471.D

Acq: 20 May 2019 22:13

Instrument :

MSVOA_D

ClientSampleId :

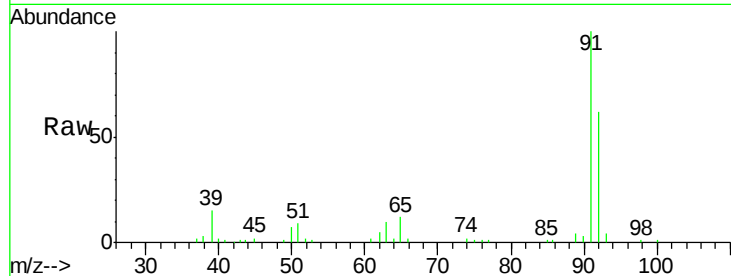
ROCKY-SOIL

Tot Ion: 92 Resp: 92270

Ion Ratio Lower Upper

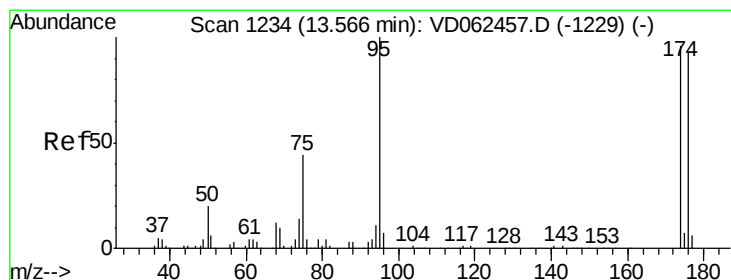
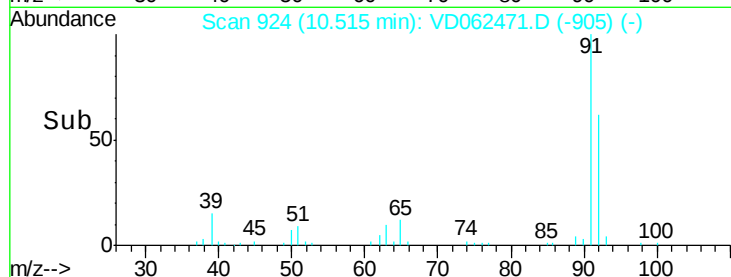
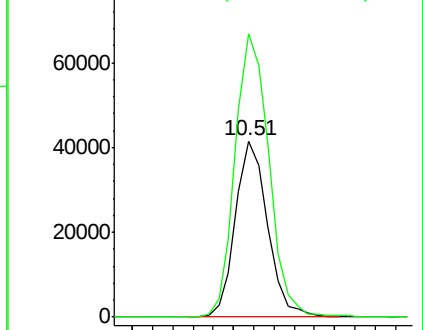
92 100

91 160.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 29.873 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062471.D

Acq: 20 May 2019 22:13

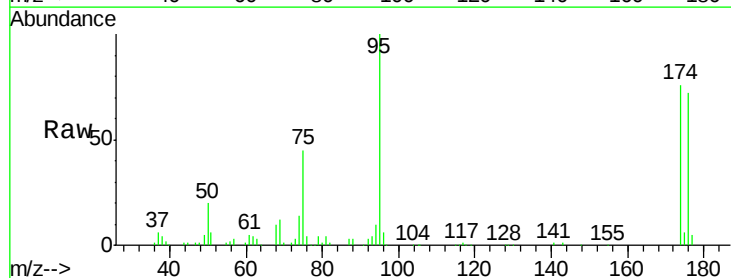
Tgt Ion: 95 Resp: 269946

Ion Ratio Lower Upper

95 100

174 75.8 0.0 181.8

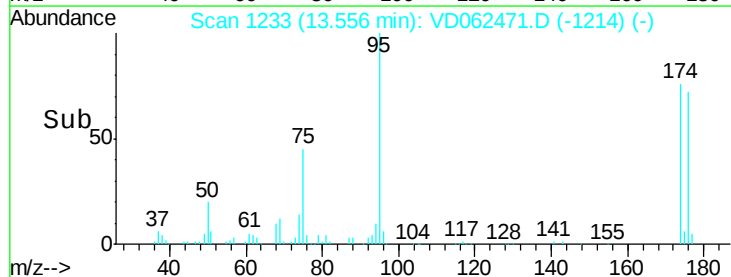
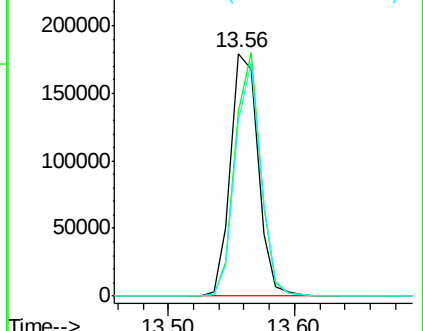
176 72.5 0.0 174.4

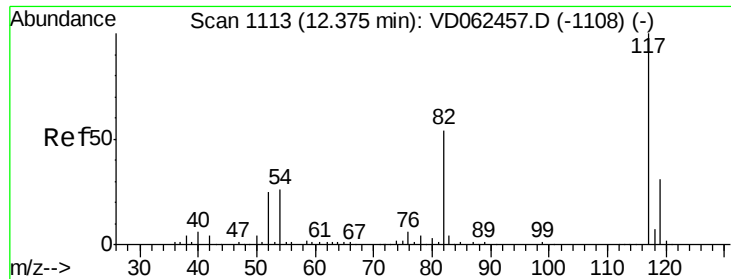


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

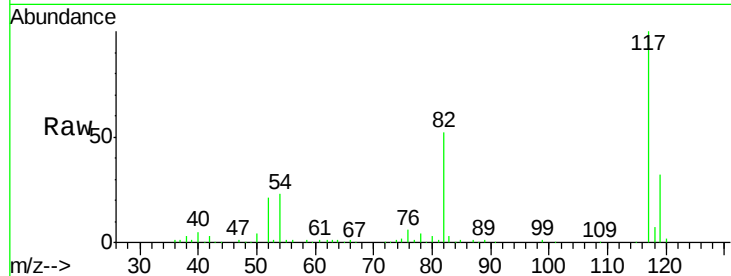




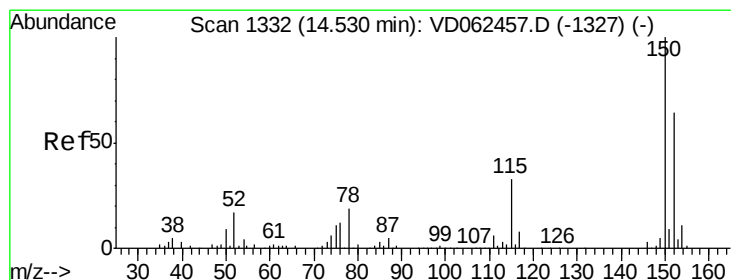
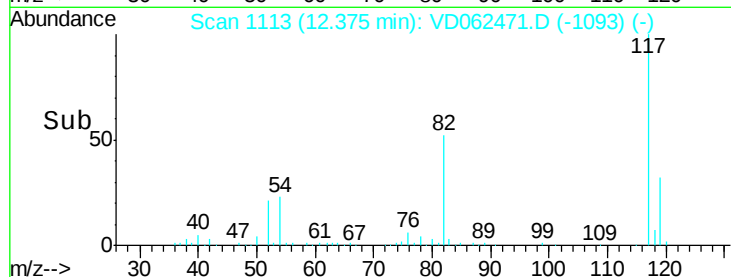
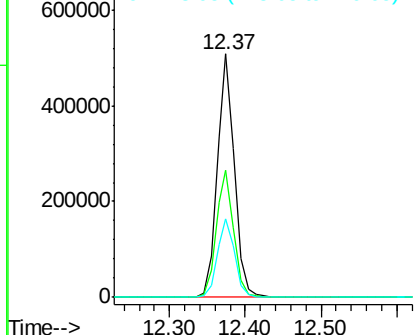
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062471.D
Acq: 20 May 2019 22:13

Instrument :
MSVOA_D
ClientSampleId :
ROCKY-SOIL

Tot Ion:117 Resp: 803965
Ion Ratio Lower Upper
117 100
82 52.0 36.2 54.2
119 32.3 26.2 39.4

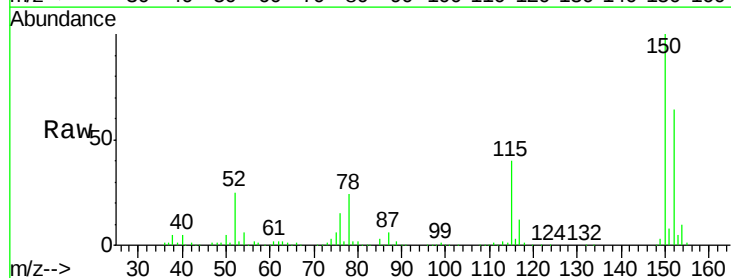


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062471.D
Acq: 20 May 2019 22:13

Tgt Ion:152 Resp: 402068
Ion Ratio Lower Upper
152 100
115 63.2 30.9 92.7
150 157.5 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

