

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062452.D
 Acq On : 17 May 2019 21:38
 Operator : FY/SY
 Sample : K2869-09
 Misc : 5.06g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCKY-SOIL

Quant Time: May 18 01:09:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

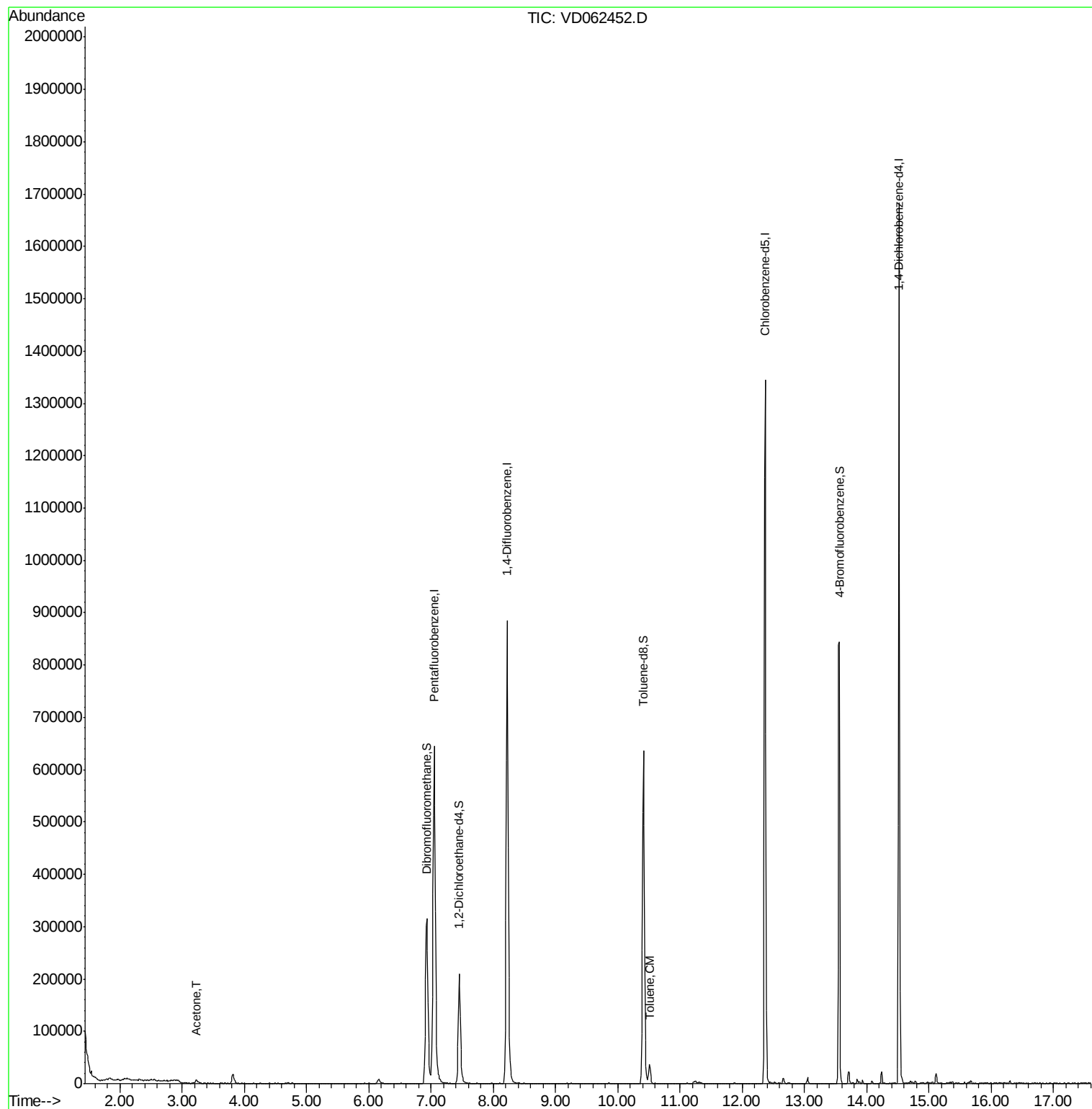
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	588886	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	903083	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	746967	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	341763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	224228	40.97	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.94%	
35) Dibromofluoromethane	6.93	113	280338	37.41	ug/l	0.04
Spiked Amount 50.000			Recovery	=	74.82%	
50) Toluene-d8	10.41	98	531230	29.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	58.80%	
62) 4-Bromofluorobenzene	13.55	95	263185	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
Target Compounds						
16) Acetone	3.23	43	12311	10.727	ug/l #	70
52) Toluene	10.50	92	19851	1.825	ug/l	97

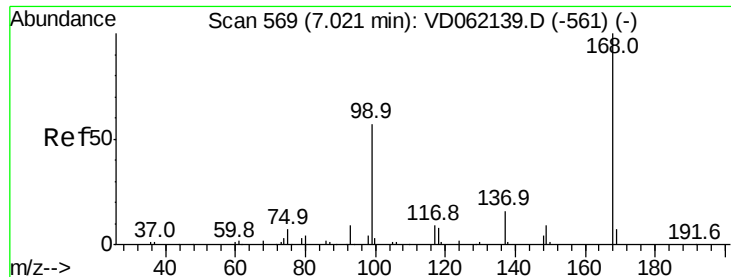
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD062452.D

Acq: 17 May 2019 21:38

Instrument :

MSVOA_D

ClientSampleId :

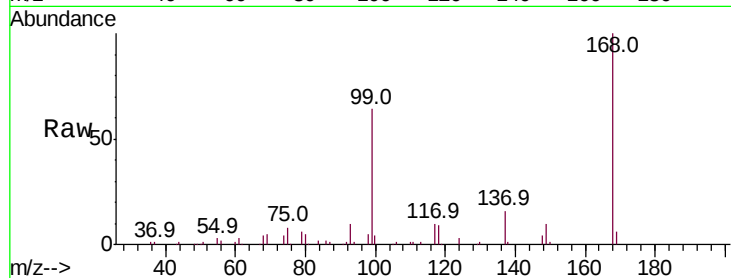
ROCKY-SOIL

Tot Ion:168 Resp: 588886

Ion Ratio Lower Upper

168 100

99 63.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

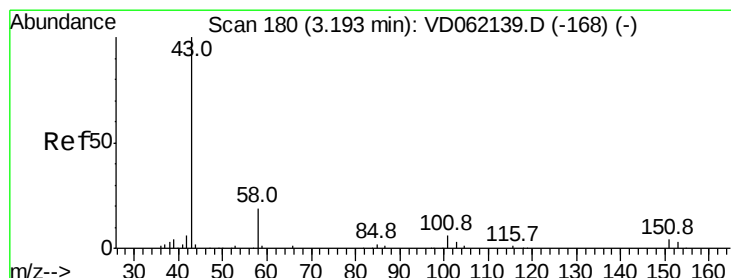
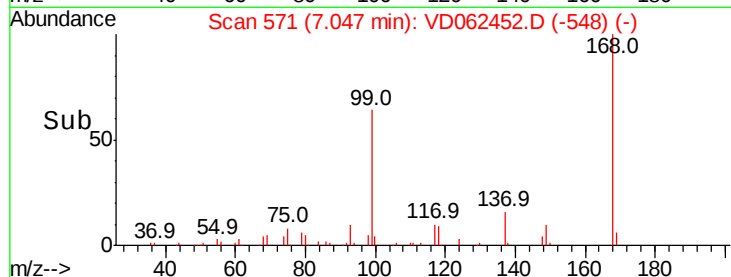
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.727 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.04 min

Lab File: VD062452.D

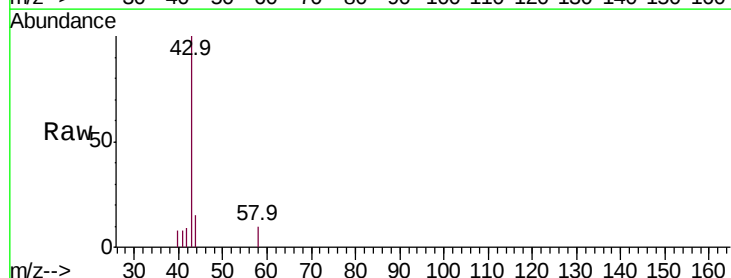
Acq: 17 May 2019 21:38

Tgt Ion: 43 Resp: 12311

Ion Ratio Lower Upper

43 100

58 9.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

5000

4000

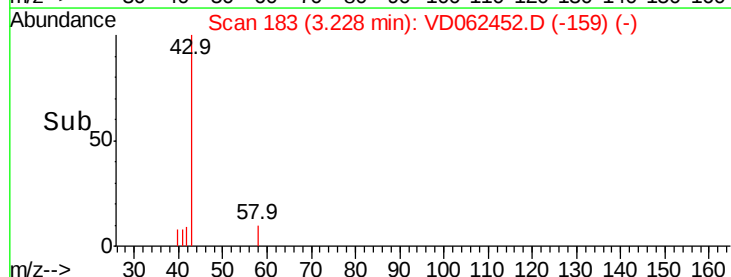
3000

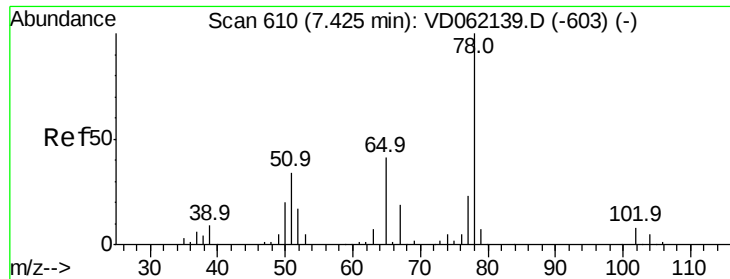
2000

1000

0

Time-->

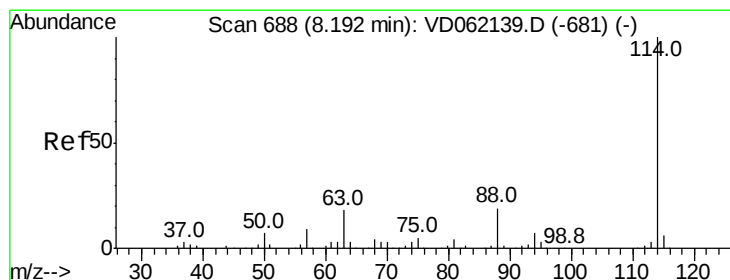
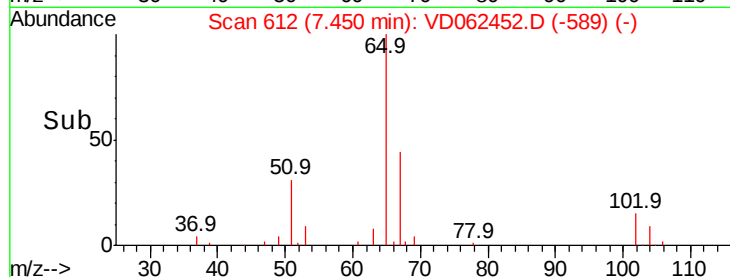
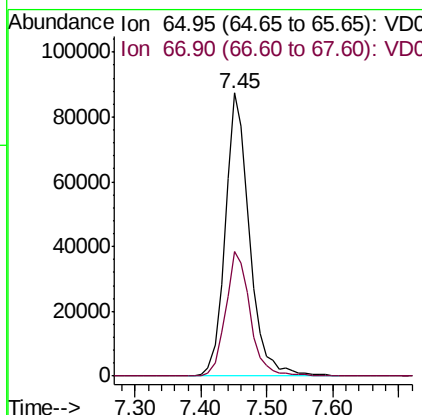
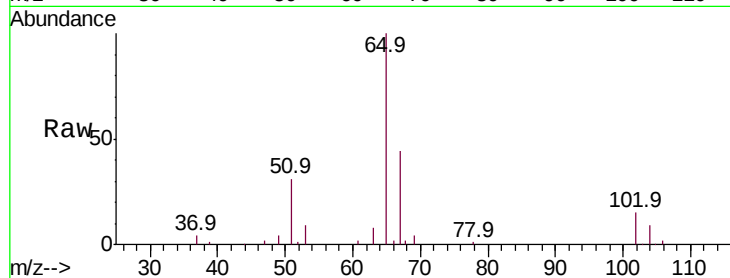




#33
 1,2-Dichloroethane-d4
 Concen: 40.973 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.03 min
 Lab File: VD062452.D
 Acq: 17 May 2019 21:38

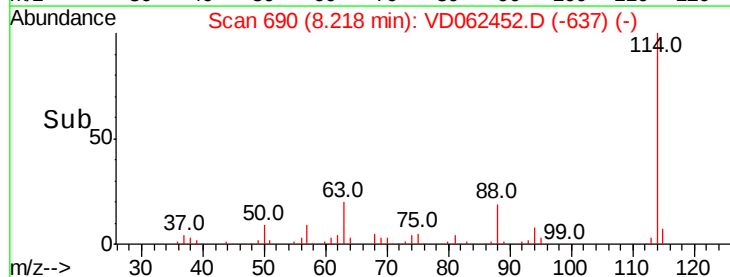
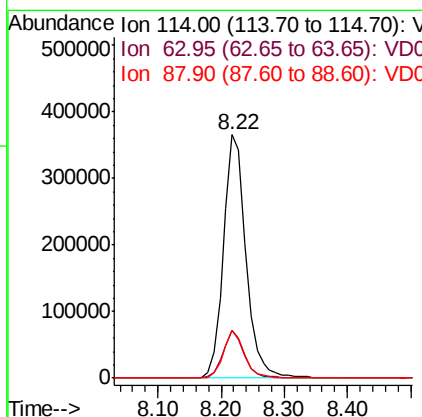
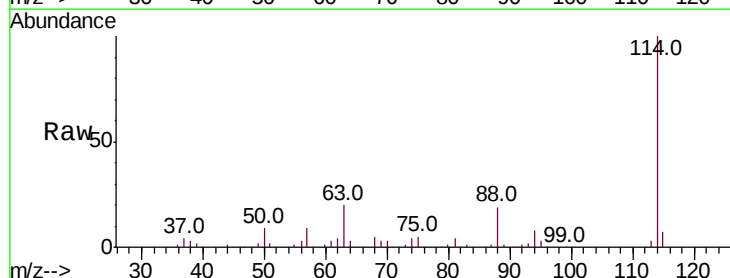
Instrument :
 MSVOA_D
 ClientSampleId :
 ROCKY-SOIL

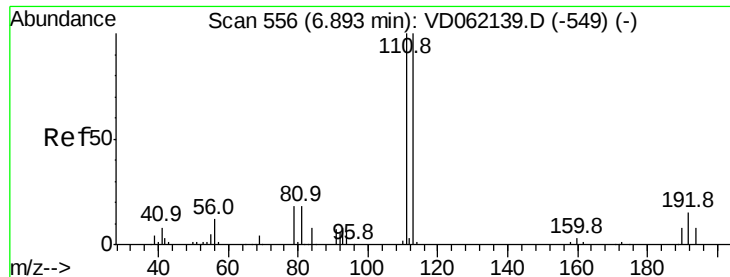
Tot Ion: 65 Resp: 224228
 Ion Ratio Lower Upper
 65 100
 67 43.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062452.D
 Acq: 17 May 2019 21:38

Tgt Ion: 114 Resp: 903083
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 19.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 37.413 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062452.D

Acq: 17 May 2019 21:38

Instrument :

MSVOA_D

ClientSampleId :

ROCKY-SOIL

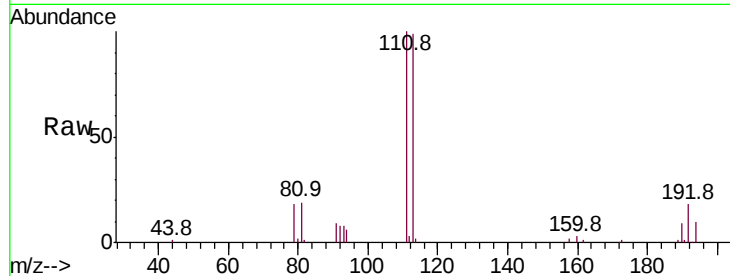
Tot Ion:113 Resp: 280338

Ion Ratio Lower Upper

113 100

111 101.3 78.5 117.7

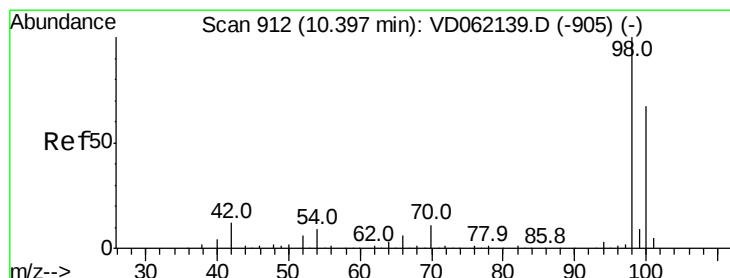
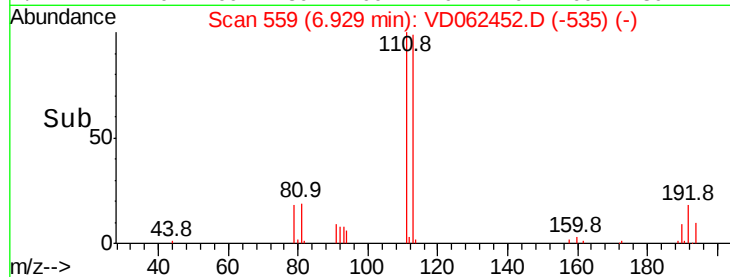
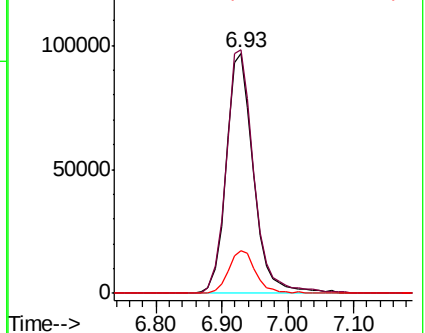
192 17.8 13.0 19.4



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: 29.405 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062452.D

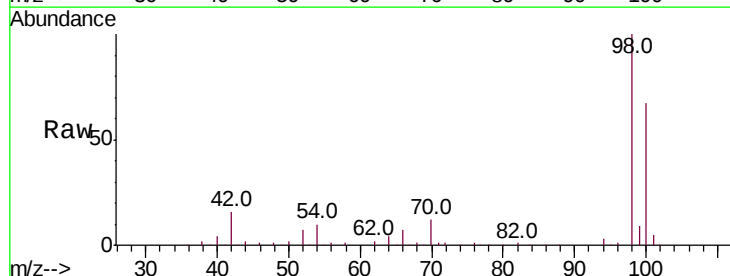
Acq: 17 May 2019 21:38

Tgt Ion: 98 Resp: 531230

Ion Ratio Lower Upper

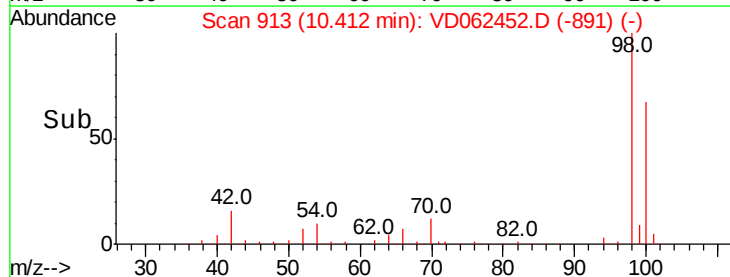
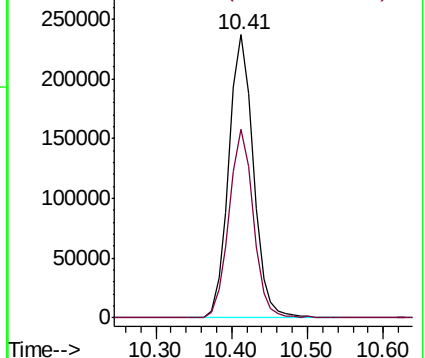
98 100

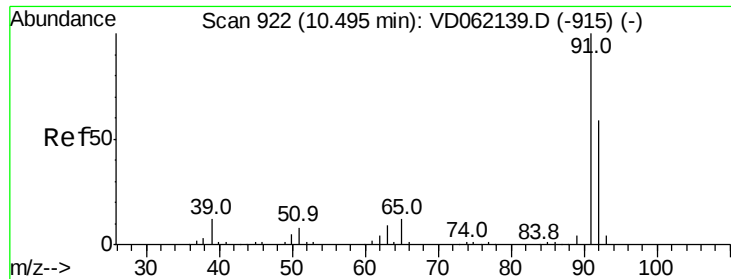
100 66.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.825 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD062452.D

Acq: 17 May 2019 21:38

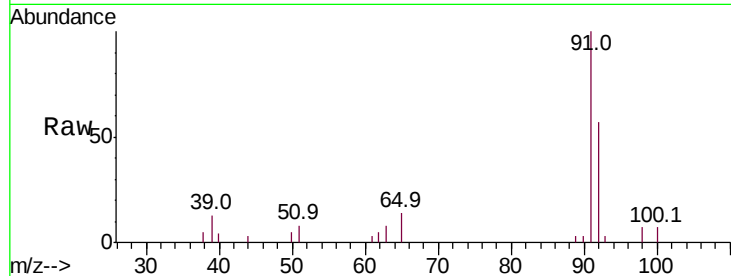
Instrument :
MSVOA_D
ClientSampleId :
ROCKY-SOIL

Tot Ion: 92 Resp: 19851

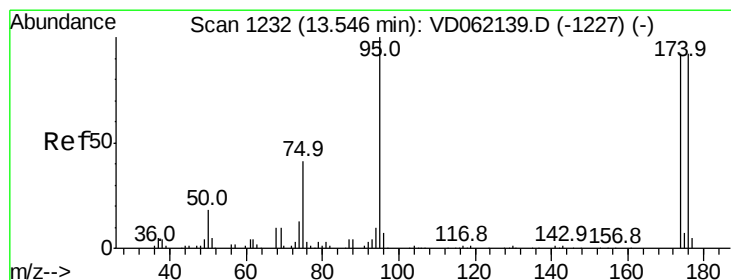
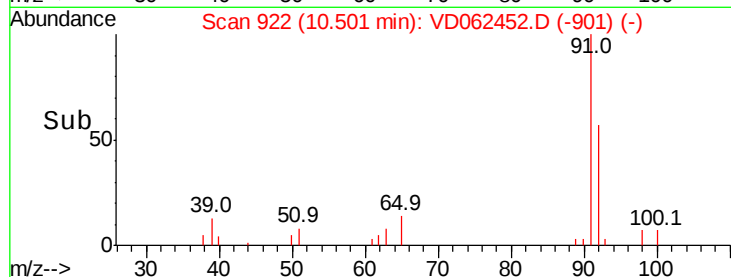
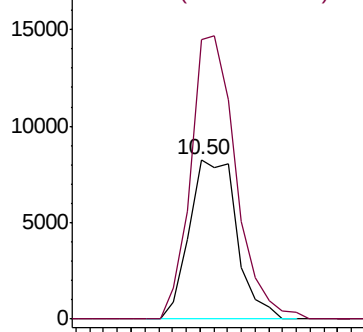
Ion Ratio Lower Upper

92 100

91 175.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 36.278 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062452.D

Acq: 17 May 2019 21:38

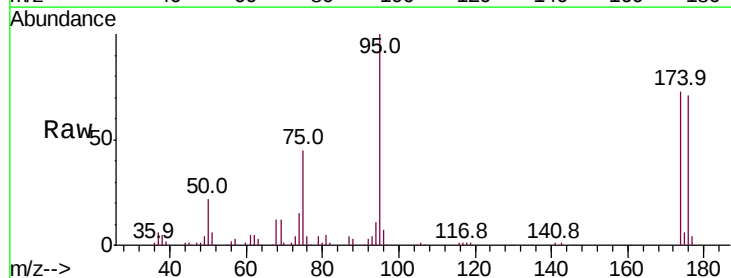
Tgt Ion: 95 Resp: 263185

Ion Ratio Lower Upper

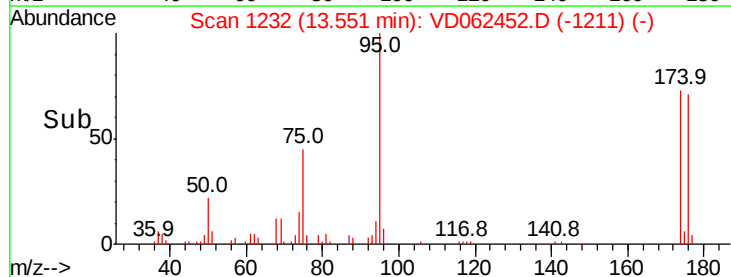
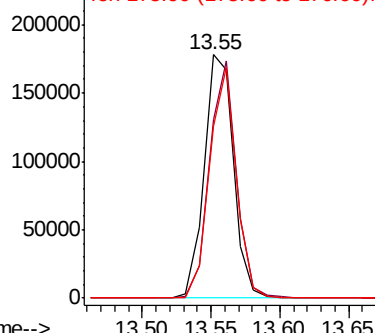
95 100

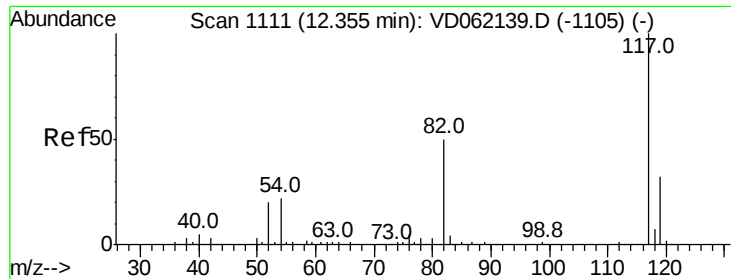
174 73.3 0.0 181.8

176 70.6 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

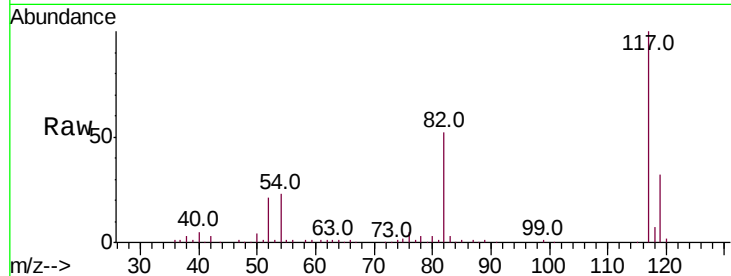




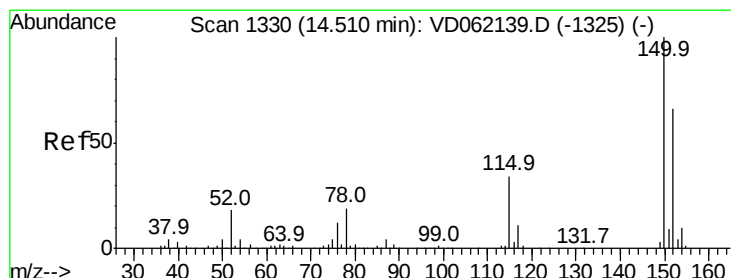
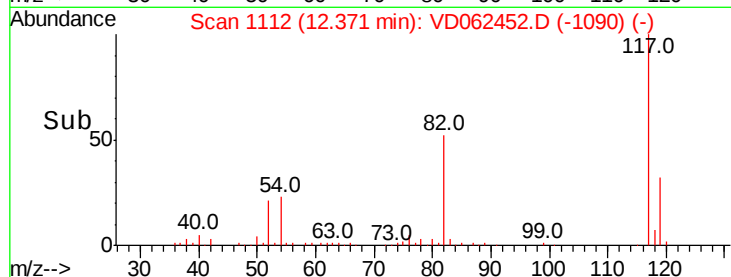
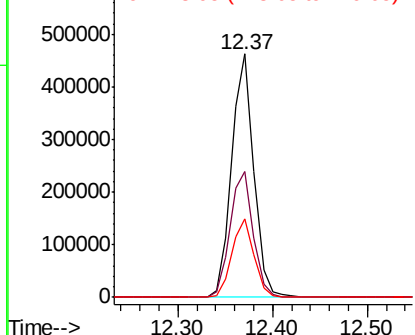
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062452.D
Acq: 17 May 2019 21:38

Instrument :
MSVOA_D
ClientSampleId :
ROCKY-SOIL

Tot Ion:117 Resp: 746967
Ion Ratio Lower Upper
117 100
82 51.9 36.2 54.2
119 32.2 26.2 39.4

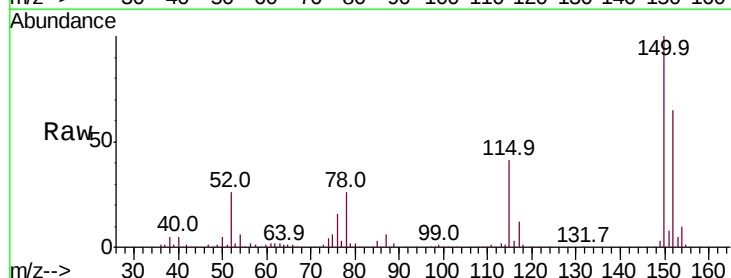


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062452.D
Acq: 17 May 2019 21:38

Tgt Ion:152 Resp: 341763
Ion Ratio Lower Upper
152 100
115 62.2 30.9 92.7
150 153.6 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

