

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062700.D
 Acq On : 13 Jun 2019 18:16
 Operator : VA/AP
 Sample : K3369-16RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z-3-SOIL-4RE

Quant Time: Jun 14 07:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

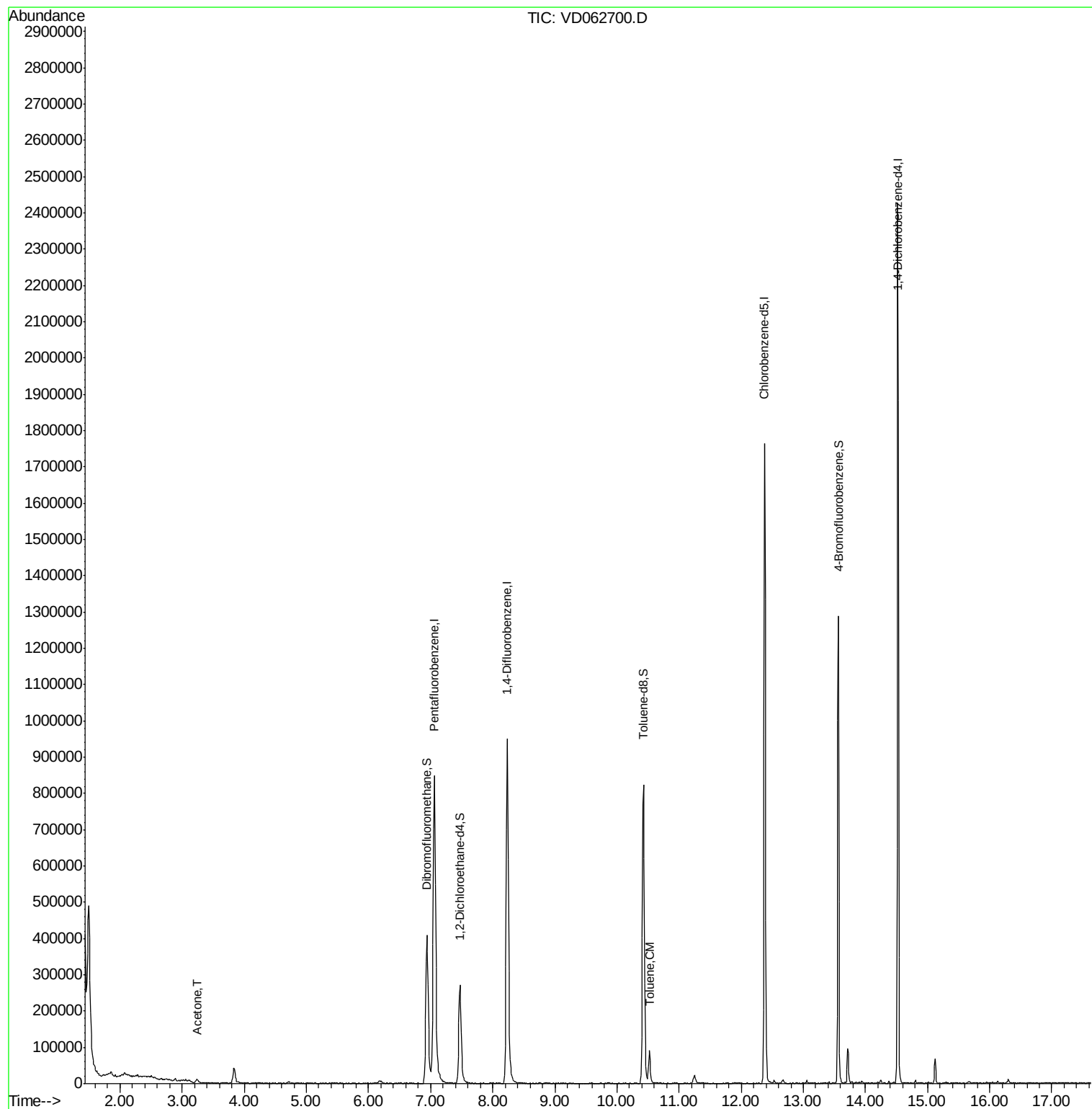
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	797680	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1024513	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	899385	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	496673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	341350	29.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.32%	
35) Dibromofluoromethane	6.94	113	353627	32.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.46%	
50) Toluene-d8	10.43	98	664184	29.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.44%	
62) 4-Bromofluorobenzene	13.57	95	352893	33.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.56%	
Target Compounds						
16) Acetone	3.24	43	22793	10.814	ug/l #	88
52) Toluene	10.52	92	41627	2.704	ug/l	95

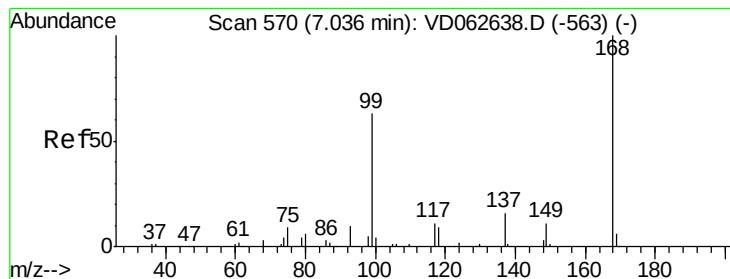
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD062700.D

Acq: 13 Jun 2019 18:16

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MSVOA_D

ClientSampleId :

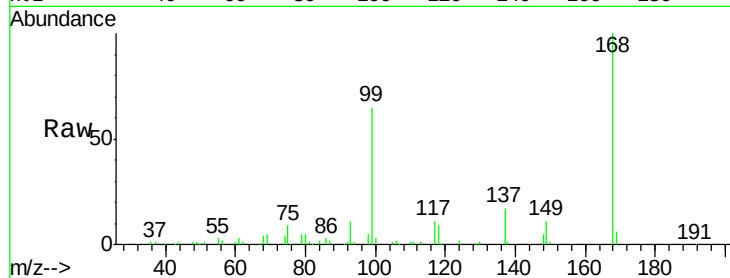
Z-3-SOIL-4RE

Tot Ion:168 Resp: 797680

Ion Ratio Lower Upper

168 100

99 64.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

150000

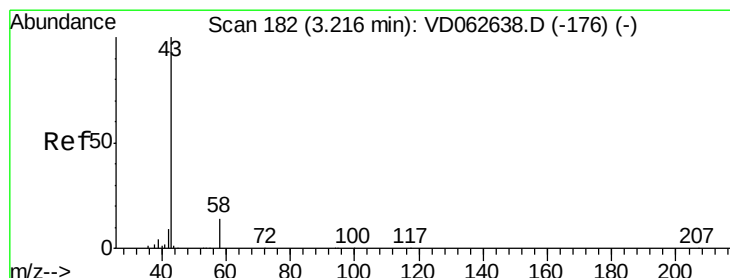
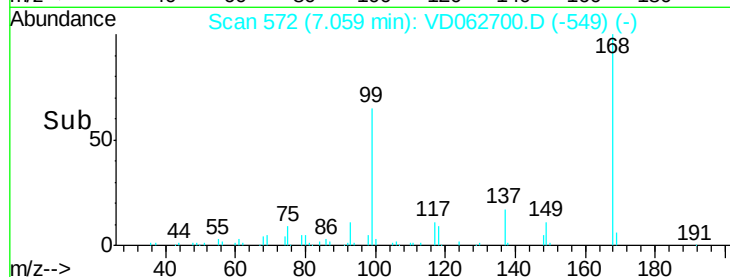
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 10.814 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD062700.D

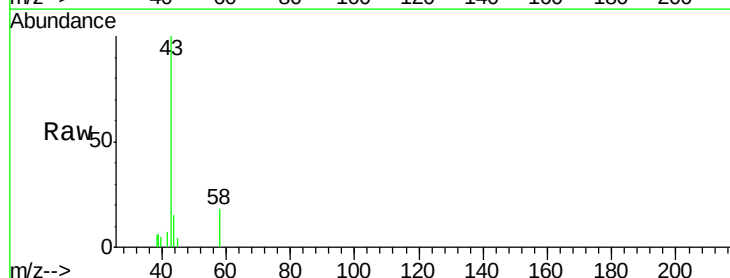
Acq: 13 Jun 2019 18:16

Tgt Ion: 43 Resp: 22793

Ion Ratio Lower Upper

43 100

58 18.4 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

8000

6000

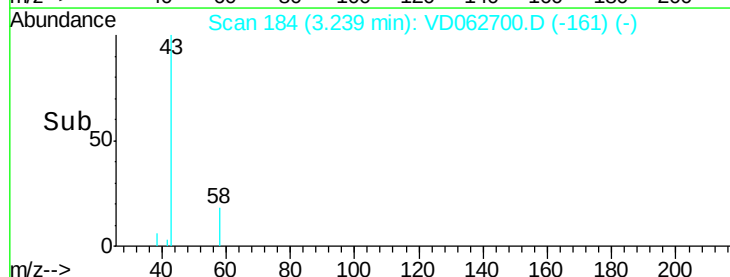
4000

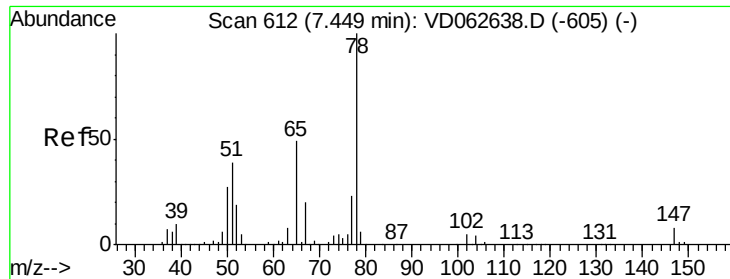
2000

0

Time-->

3.20 3.30 3.40

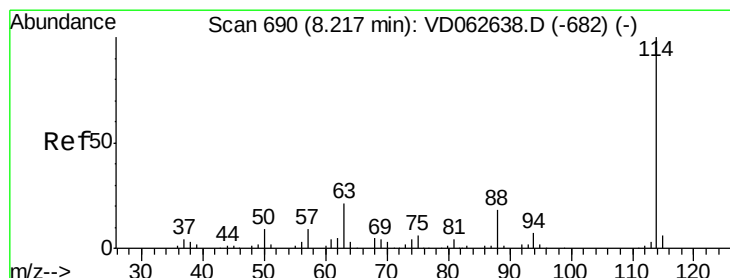
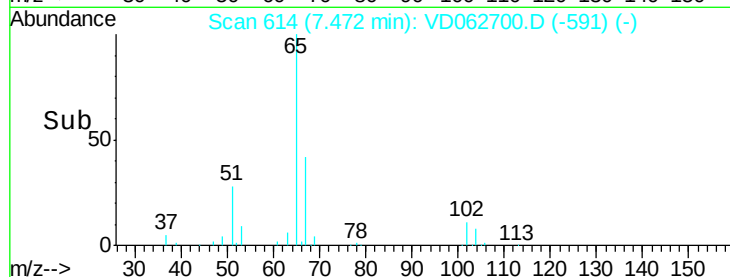
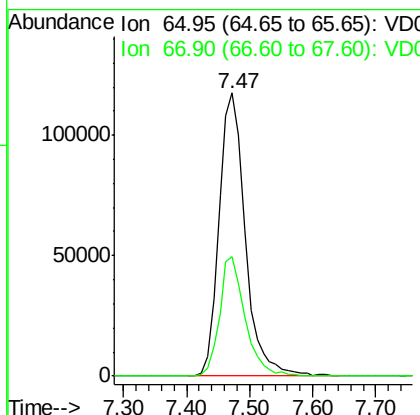
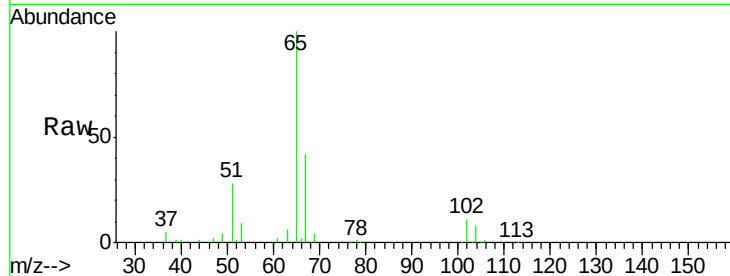




#33
 1,2-Dichloroethane-d4
 Concen: 29.656 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD062700.D
 Acq: 13 Jun 2019 18:16

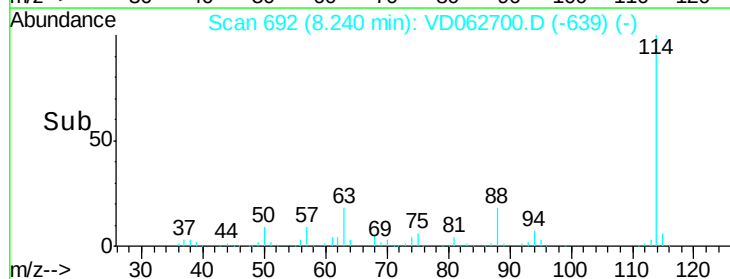
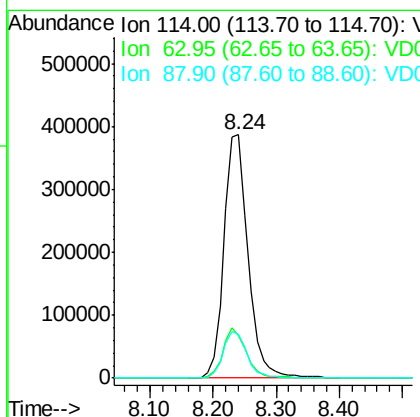
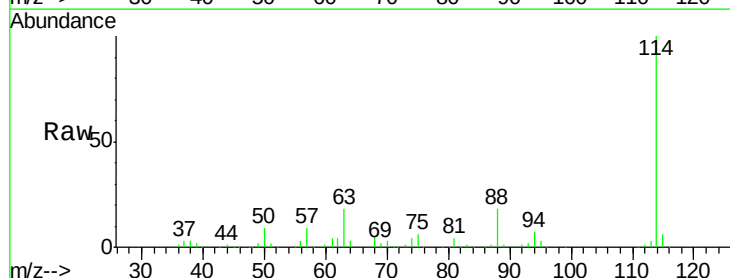
Instrument :
 MSVOA_D
 ClientSampleId :
 Z-3-SOIL-4RE

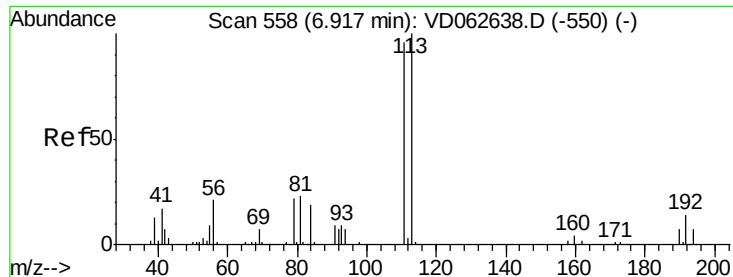
Tot Ion: 65 Resp: 341350
 Ion Ratio Lower Upper
 65 100
 67 42.1 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD062700.D
 Acq: 13 Jun 2019 18:16

Tgt Ion: 114 Resp: 1024513
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.4
 88 17.9 0.0 36.8

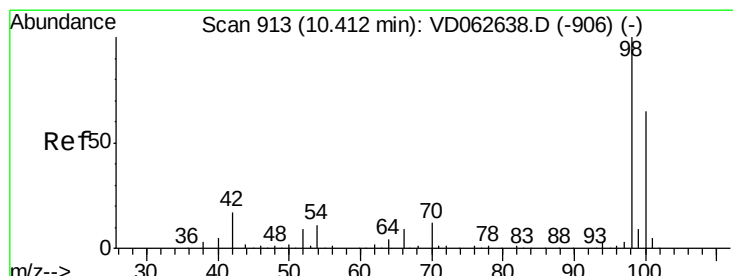
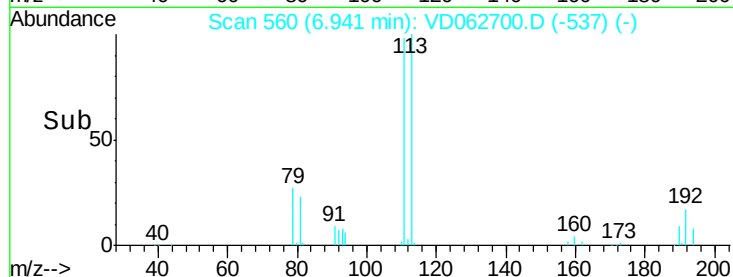
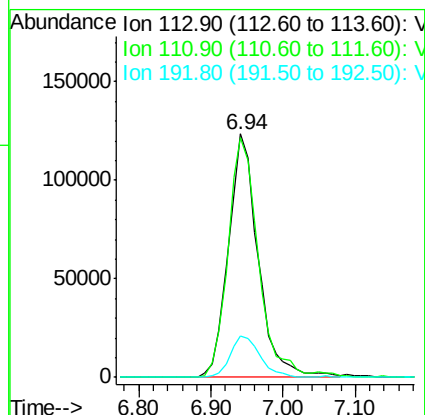
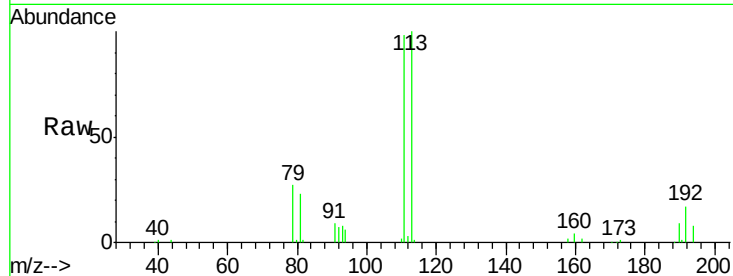




#35
Dibromofluoromethane
Concen: 32.729 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.02 min
Lab File: VD062700.D
Acq: 13 Jun 2019 18:16

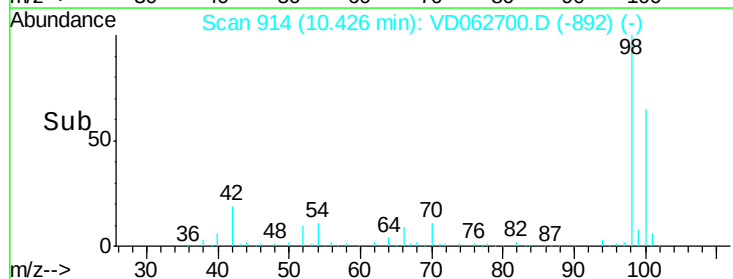
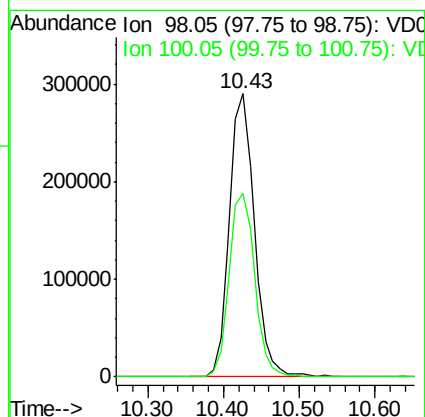
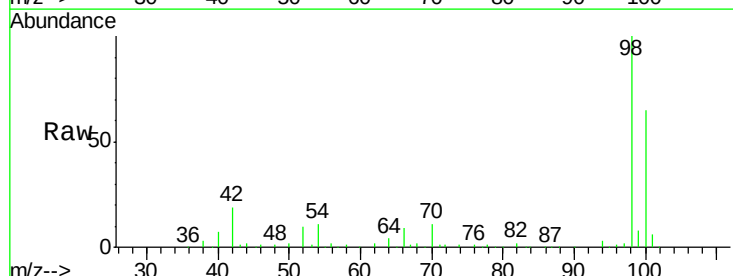
Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-4RE

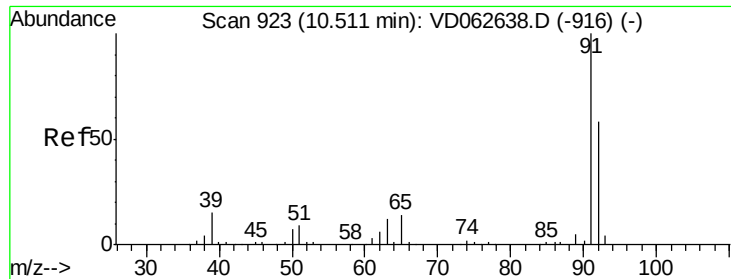
Tot Ion:113 Resp: 353627
Ion Ratio Lower Upper
113 100
111 98.3 76.4 114.6
192 17.0 11.4 17.0



#50
Toluene-d8
Concen: 29.221 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062700.D
Acq: 13 Jun 2019 18:16

Tgt Ion: 98 Resp: 664184
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#52

Toluene

Concen: 2.704 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD062700.D

Acq: 13 Jun 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

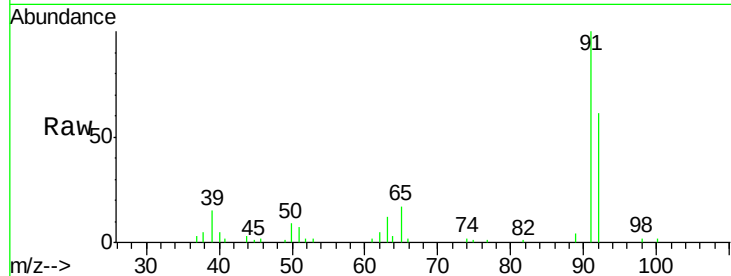
Z-3-SOIL-4RE

Tot Ion: 92 Resp: 41627

Ion Ratio Lower Upper

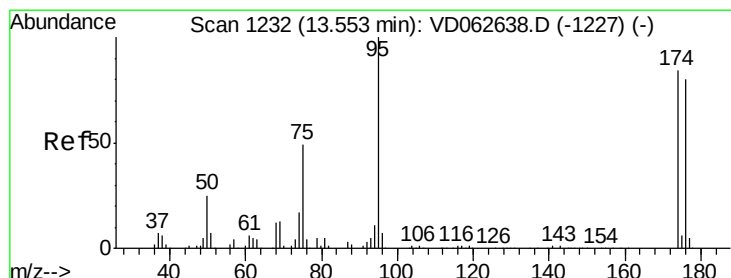
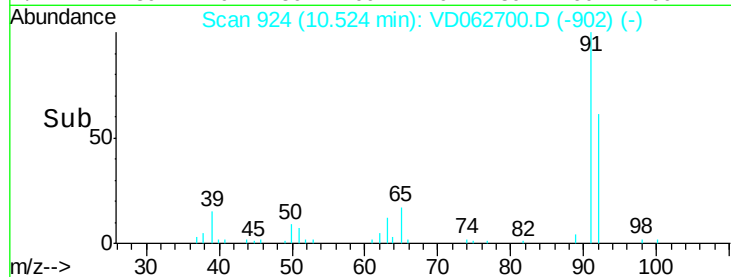
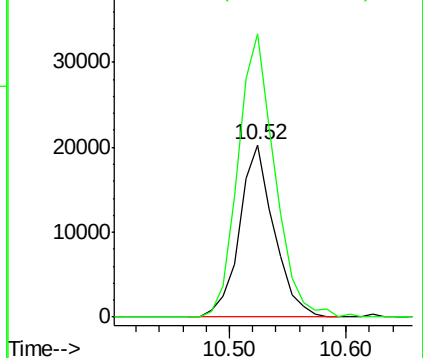
92 100

91 164.2 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 33.279 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062700.D

Acq: 13 Jun 2019 18:16

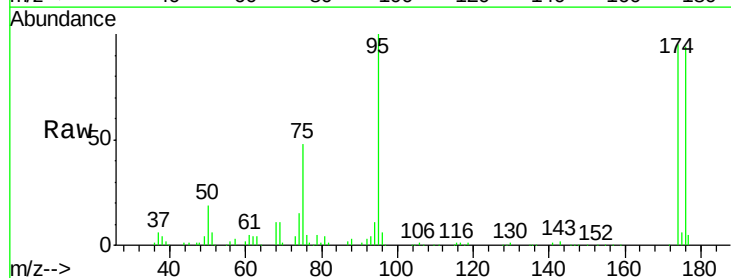
Tgt Ion: 95 Resp: 352893

Ion Ratio Lower Upper

95 100

174 94.8 0.0 167.0

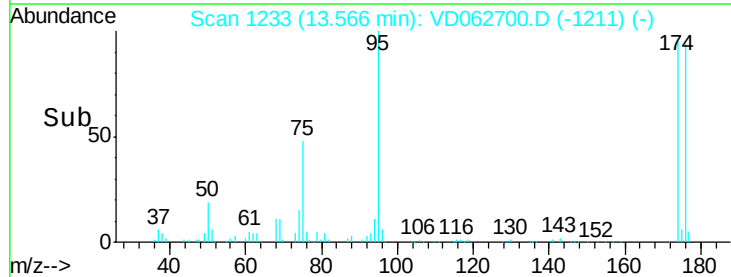
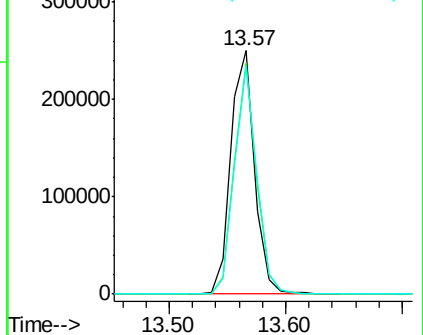
176 93.6 0.0 159.2

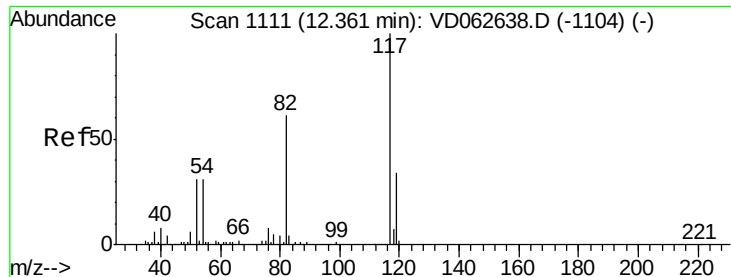


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

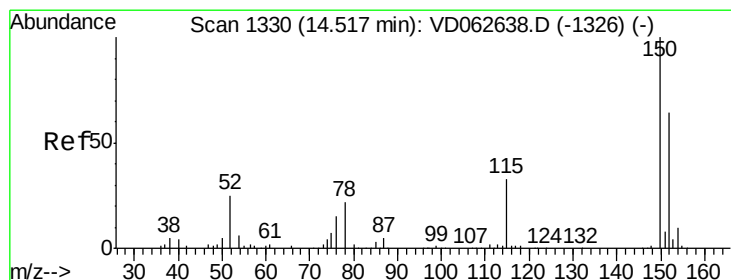
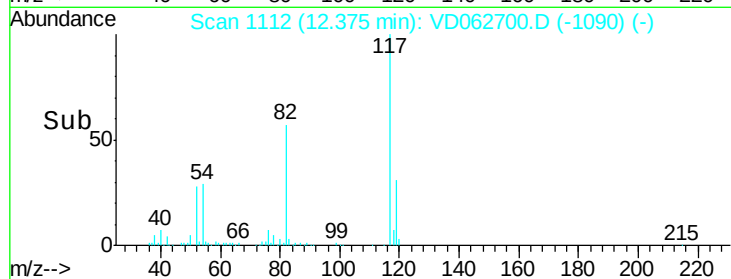
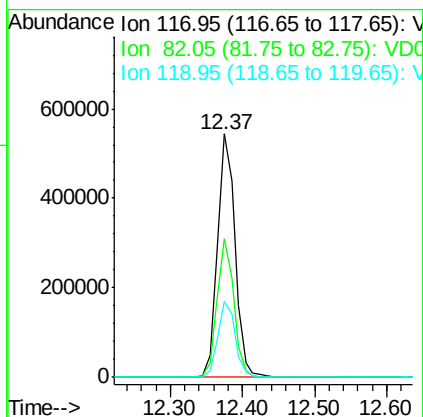
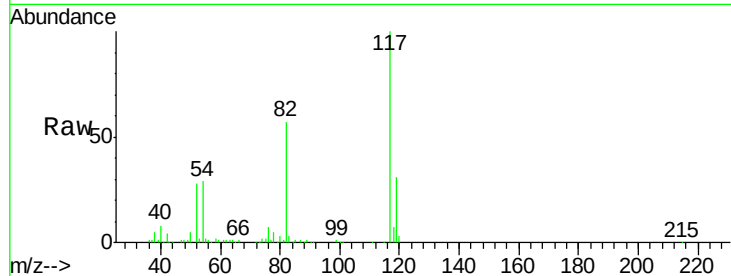




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062700.D
Acq: 13 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-4RE

Tot Ion:117 Resp: 899385
Ion Ratio Lower Upper
117 100
82 56.7 48.7 73.1
119 31.2 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062700.D
Acq: 13 Jun 2019 18:16

Tgt Ion:152 Resp: 496673
Ion Ratio Lower Upper
152 100
115 70.7 30.1 90.5
150 158.7 0.0 314.0

