

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102618\
 Data File : VD060225.D
 Acq On : 26 Oct 2018 19:25
 Operator : JC/SY
 Sample : J5639-05
 Misc : 7.18g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SOIL-2

Quant Time: Oct 27 00:29:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

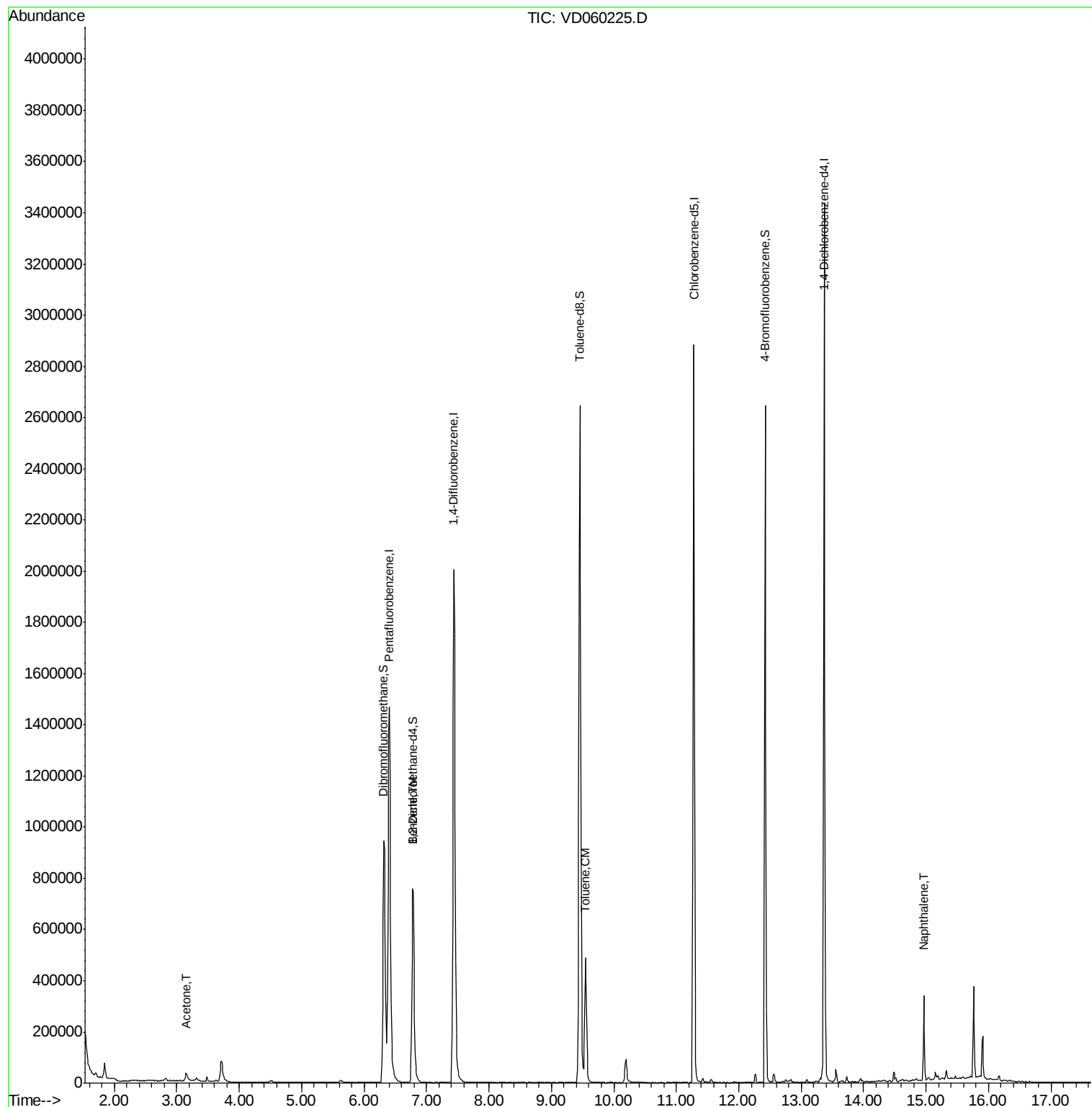
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1445106	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2084788	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1617149	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	744178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	586258	53.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	6.31	113	749907	47.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	9.45	98	2080052	46.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.43	95	724437	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
Target Compounds						
					Qvalue	
16) Acetone	3.15	43	67283	33.850	ug/l	91
40) Benzene	6.79	78	76539	1.469	ug/l	99
52) Toluene	9.54	92	247680	7.379	ug/l	99
95) Naphthalene	14.96	128	189314	7.200	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102618\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

Instrument :

MSVOA_D

ClientSampleId :

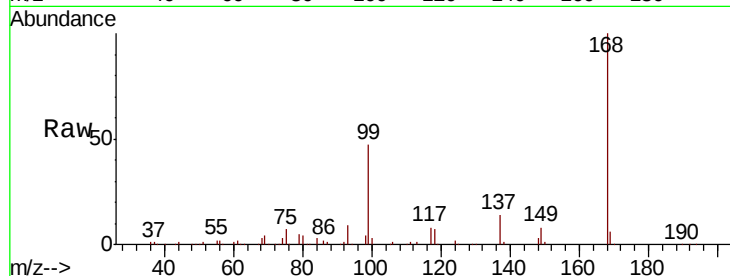
BS-SOIL-2

Tot Ion:168 Resp: 1445106

Ion Ratio Lower Upper

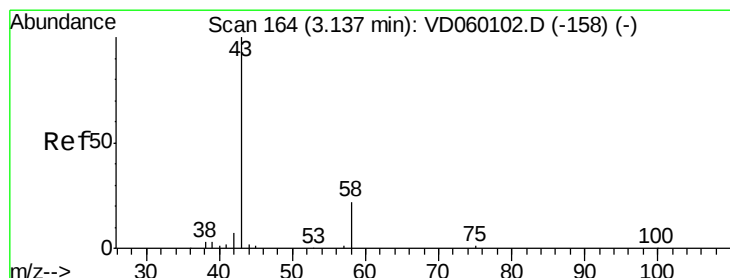
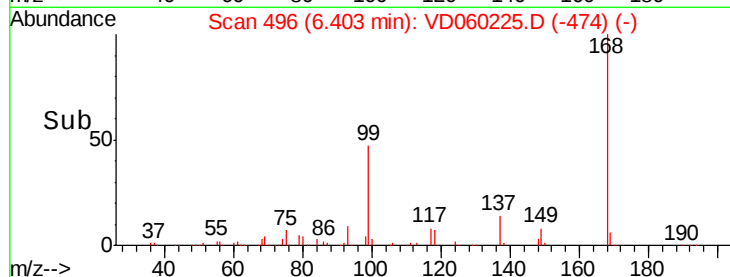
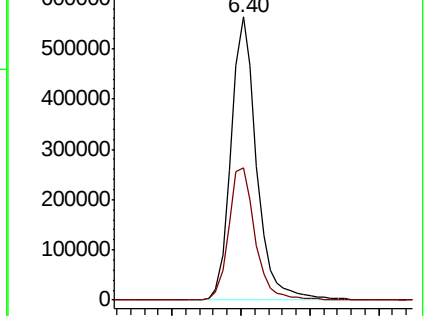
168 100

99 46.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 33.850 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060225.D

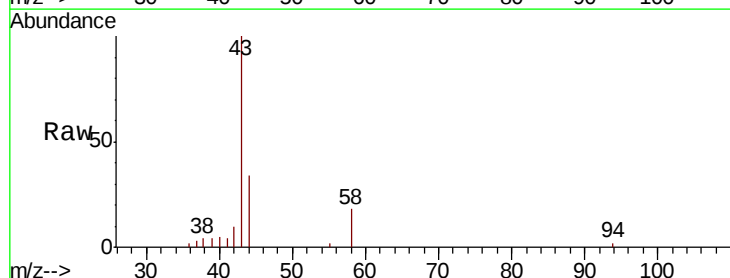
Acq: 26 Oct 2018 19:25

Tgt Ion: 43 Resp: 67283

Ion Ratio Lower Upper

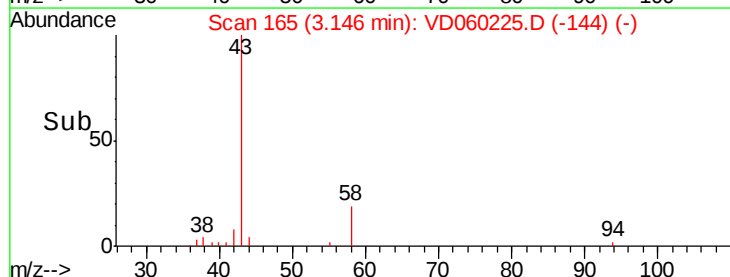
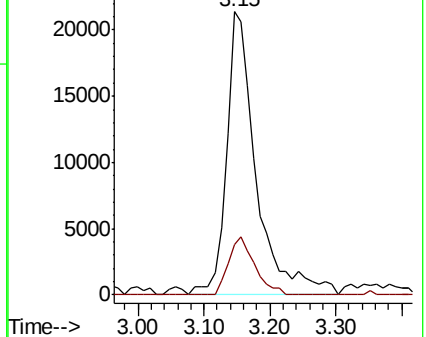
43 100

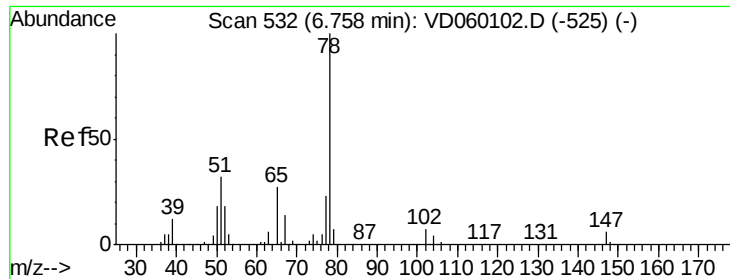
58 18.0 17.7 26.5



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: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

Instrument :

MSVOA_D

ClientSampleId :

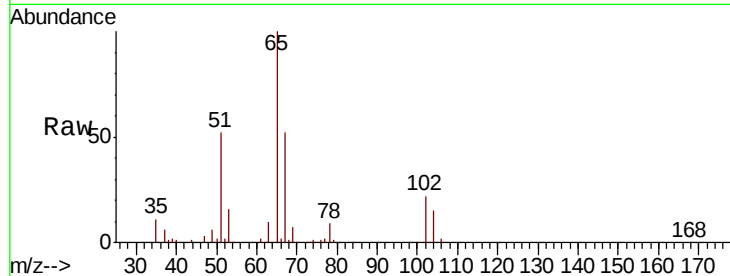
BS-SOIL-2

Tot Ion: 65 Resp: 586258

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

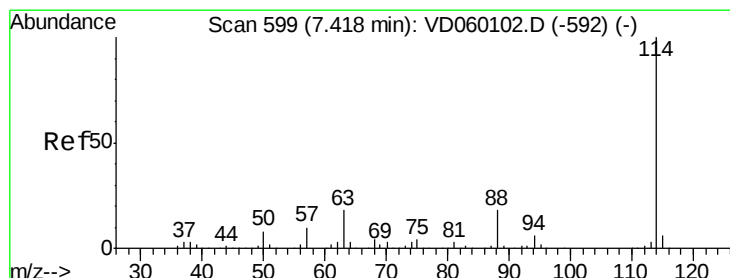
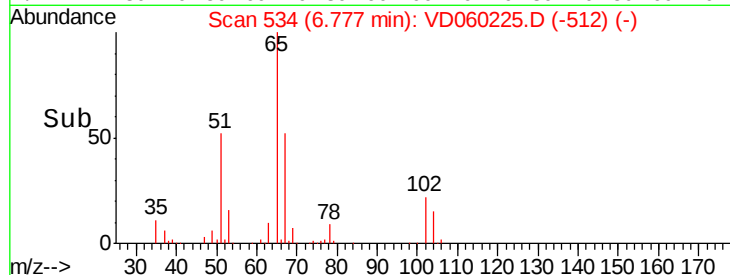
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

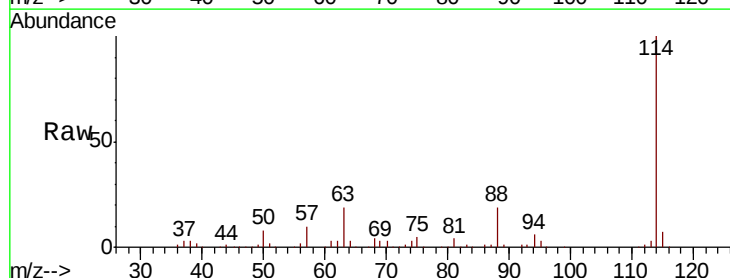
Tgt Ion: 114 Resp: 2084788

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.0

88 18.9 0.0 36.2



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

1200000

1000000

800000

600000

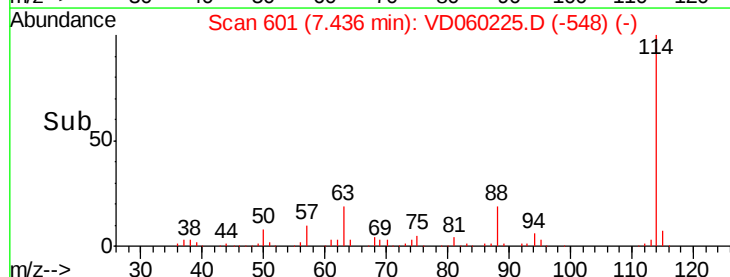
400000

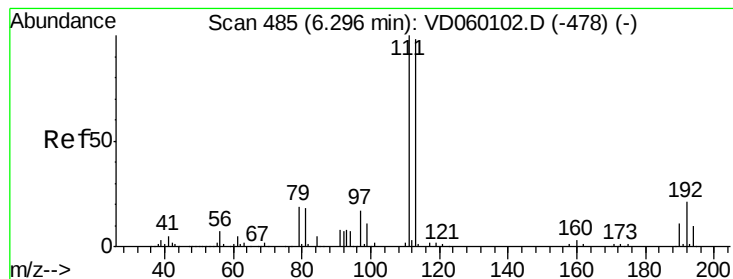
200000

0

7.40 7.60

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

Instrument :

MSVOA_D

ClientSampleId :

BS-SOIL-2

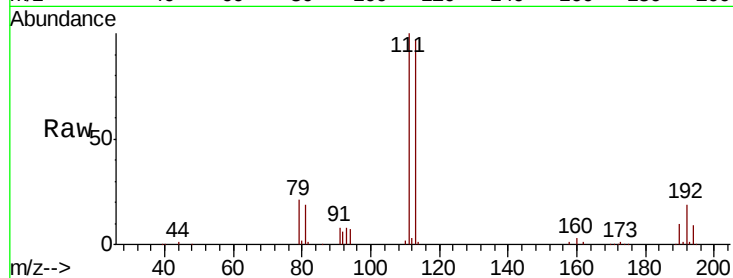
Tot Ion:113 Resp: 749907

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

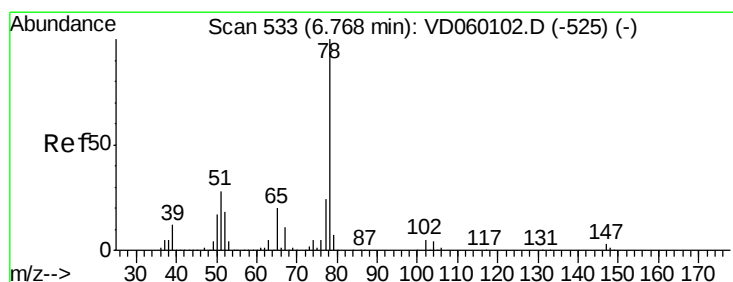
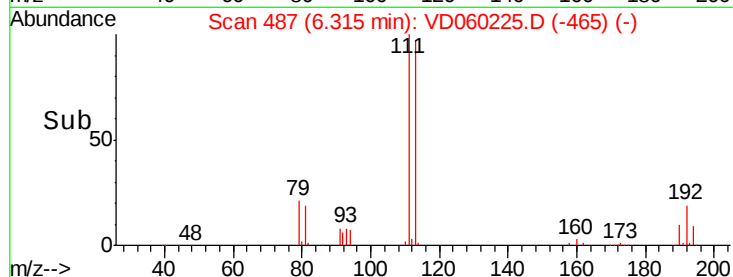
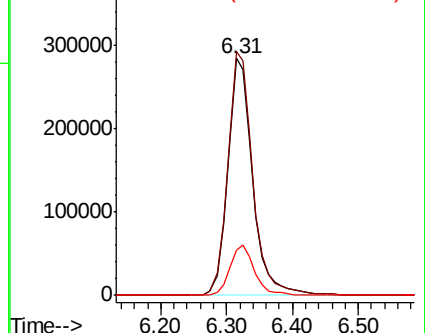
192 19.1 17.4 26.0



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



#40

Benzene

Concen: 1.469 ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.02 min

Lab File: VD060225.D

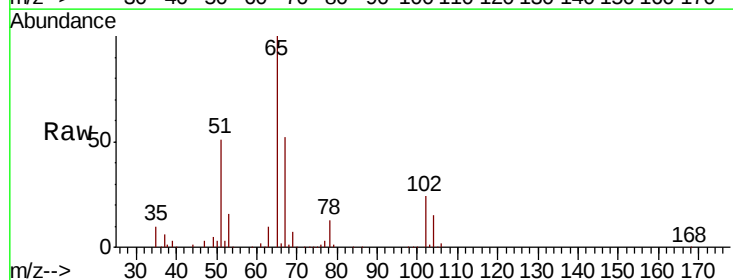
Acq: 26 Oct 2018 19:25

Tgt Ion: 78 Resp: 76539

Ion Ratio Lower Upper

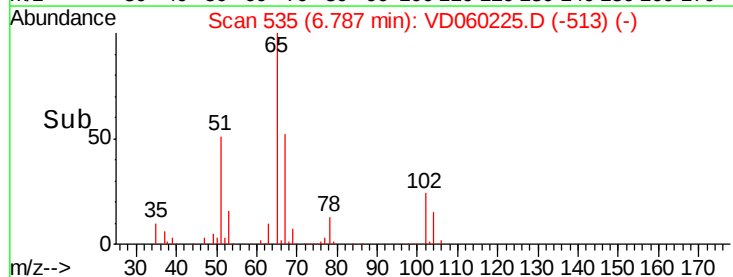
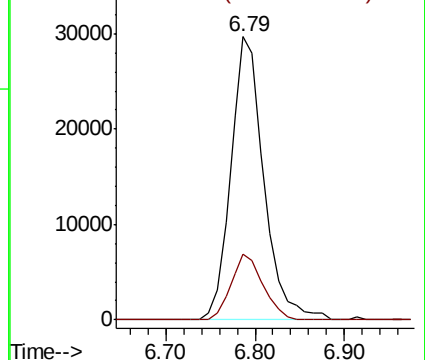
78 100

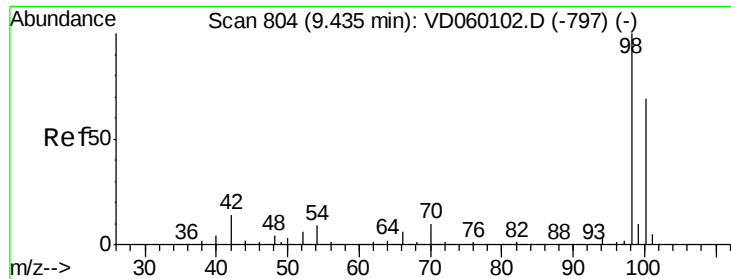
77 23.2 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V

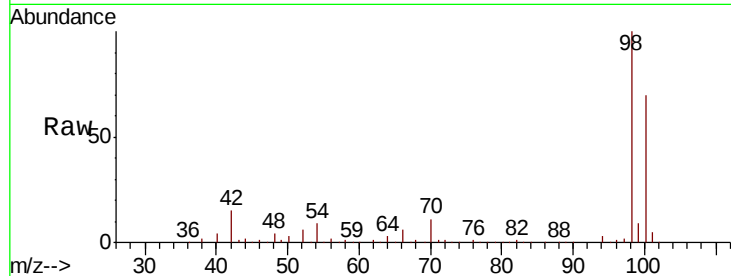




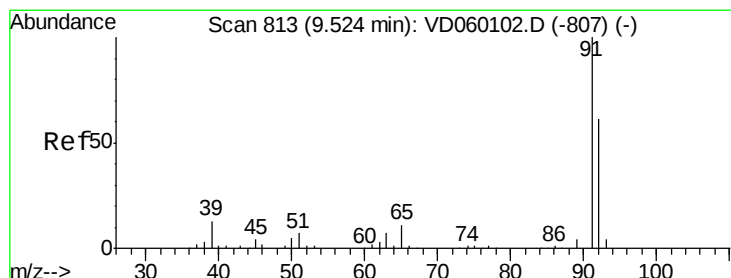
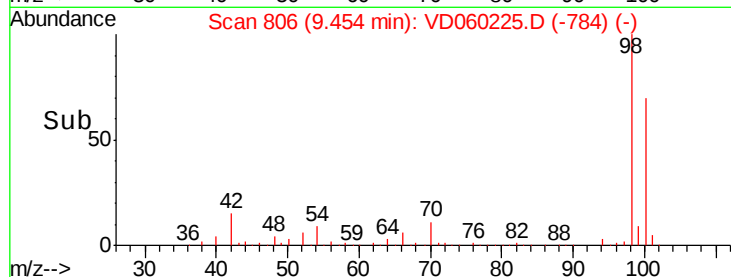
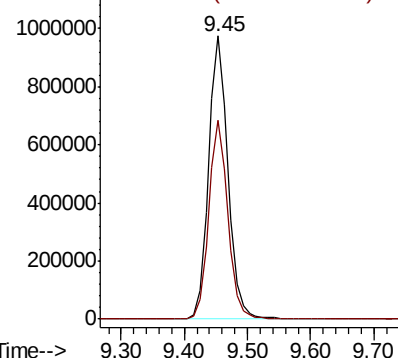
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060225.D
Acq: 26 Oct 2018 19:25

Instrument :
MSVOA_D
ClientSampleId :
BS-SOIL-2

Tot Ion: 98 Resp: 2080052
Ion Ratio Lower Upper
98 100
100 70.4 55.4 83.0

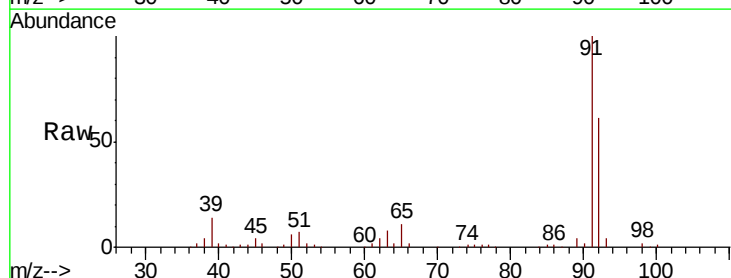


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

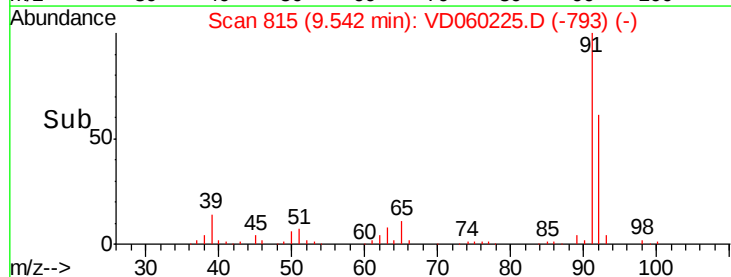
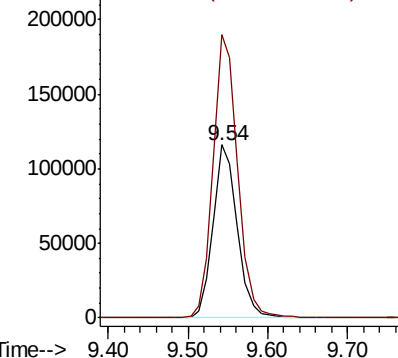


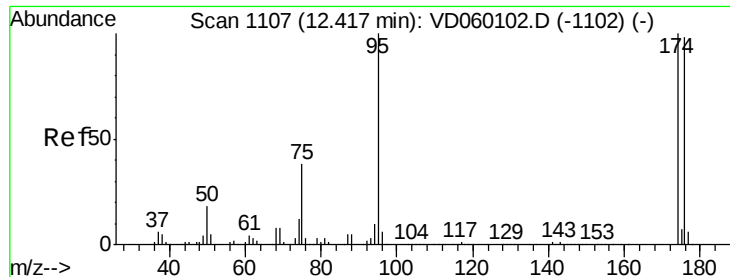
#52
Toluene
Concen: 7.379 ug/l
RT: 9.54 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060225.D
Acq: 26 Oct 2018 19:25

Tgt Ion: 92 Resp: 247680
Ion Ratio Lower Upper
92 100
91 163.7 131.9 197.9



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

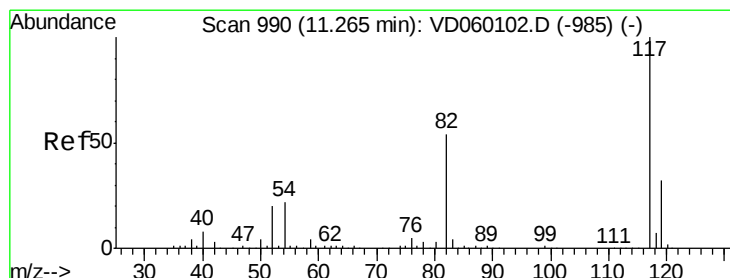
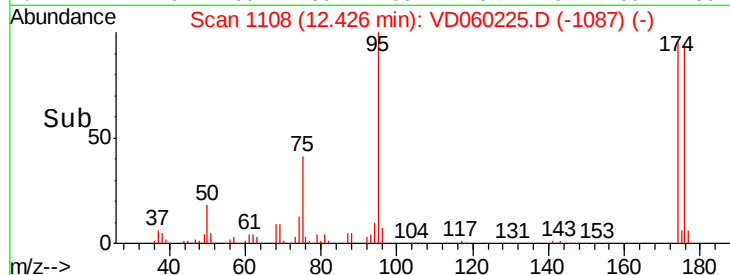
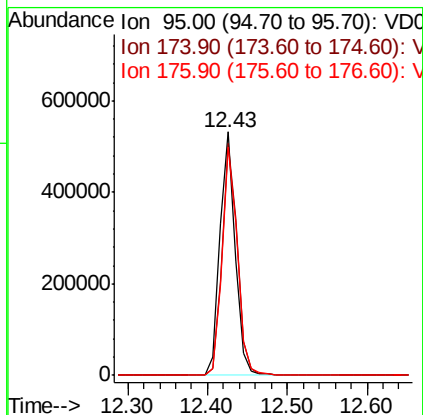
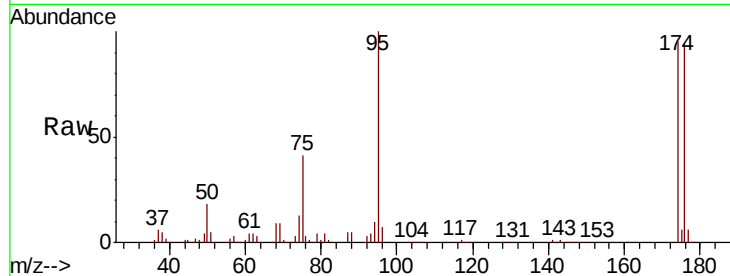




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060225.D
Acq: 26 Oct 2018 19:25

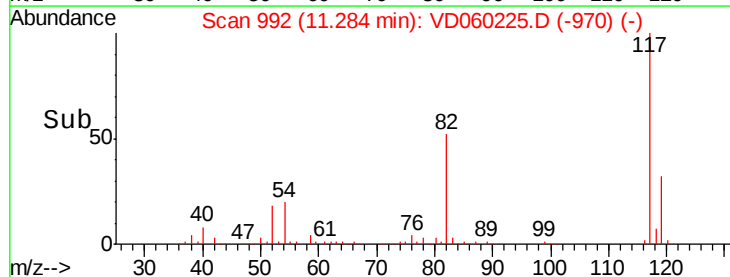
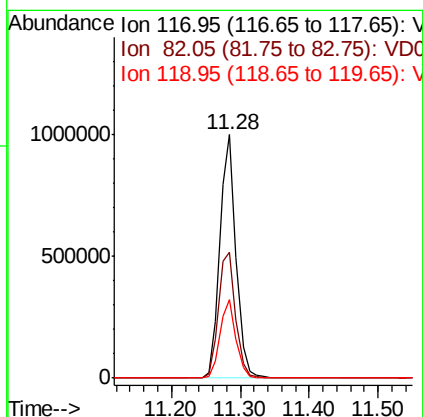
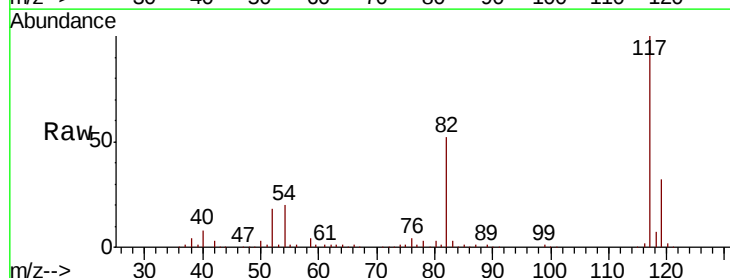
Instrument :
MSVOA_D
ClientSampleId :
BS-SOIL-2

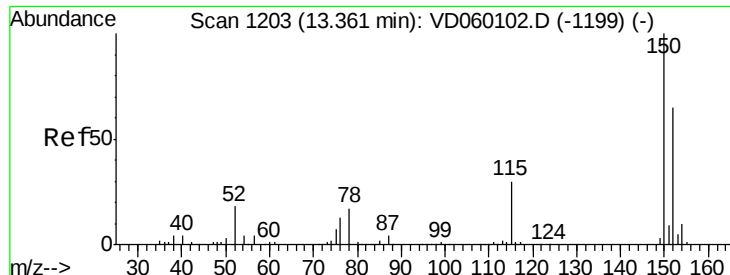
Tot Ion: 95 Resp: 724437
Ion Ratio Lower Upper
95 100
174 95.3 0.0 200.2
176 93.5 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060225.D
Acq: 26 Oct 2018 19:25

Tgt Ion: 117 Resp: 1617149
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.2
119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

Instrument :

MSVOA_D

ClientSampleId :

BS-SOIL-2

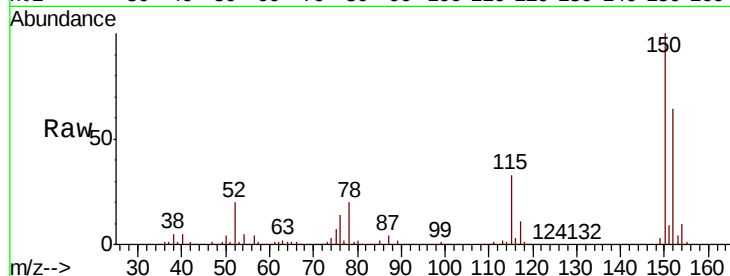
Tot Ion:152 Resp: 744178

Ion Ratio Lower Upper

152 100

115 51.3 27.1 81.2

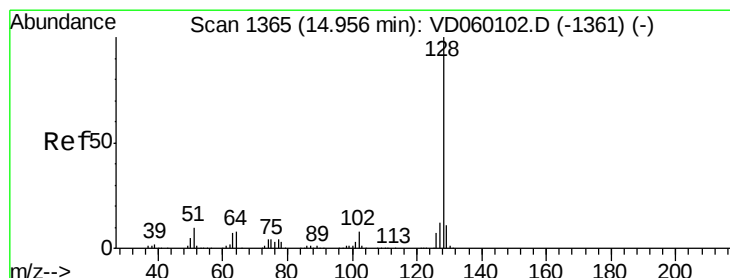
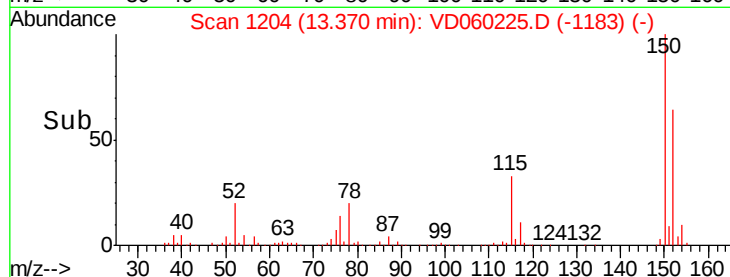
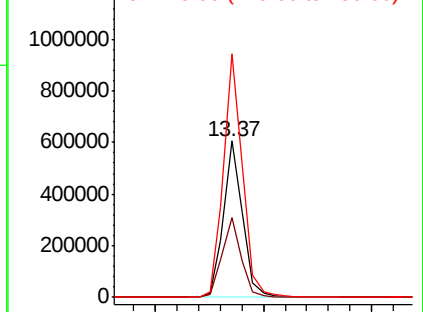
150 155.7 0.0 311.8



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



#95

Naphthalene

Concen: 7.200 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060225.D

Acq: 26 Oct 2018 19:25

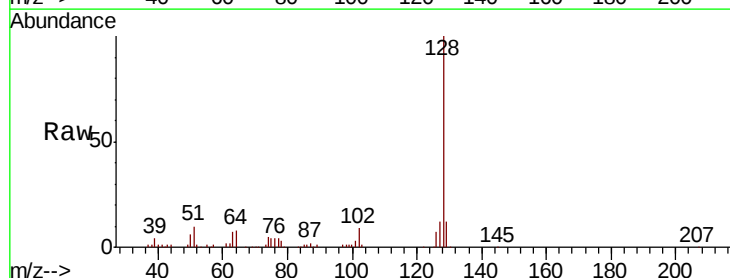
Tgt Ion:128 Resp: 189314

Ion Ratio Lower Upper

128 100

127 11.7 9.9 14.9

129 11.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

