

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102618\
 Data File : VD060224.D
 Acq On : 26 Oct 2018 18:57
 Operator : JC/SY
 Sample : J5639-01
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 27 00:28:03 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

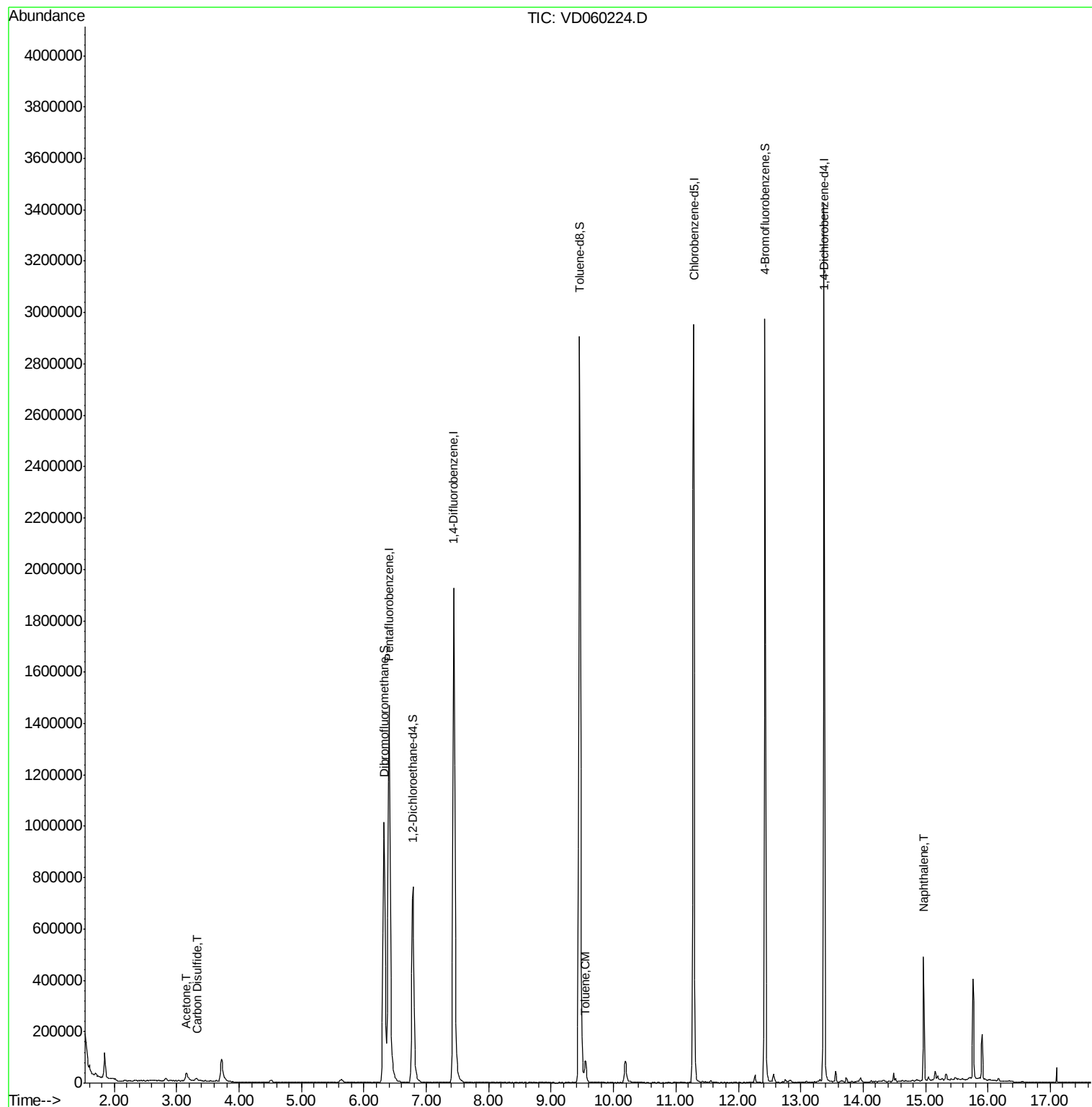
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1453495	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2052389	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1590371	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	758254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	645122	58.55	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.10%	
35) Dibromofluoromethane	6.32	113	817046	52.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	9.45	98	2286076	51.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.43	95	804523	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
16) Acetone	3.16	43	65615	32.821	ug/l	99
17) Carbon Disulfide	3.31	76	21428	1.075	ug/l	97
52) Toluene	9.55	92	39102	1.183	ug/l	95
95) Naphthalene	14.96	128	275718	10.291	ug/l	99

(#) = 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: VD060224.D

Acq: 26 Oct 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

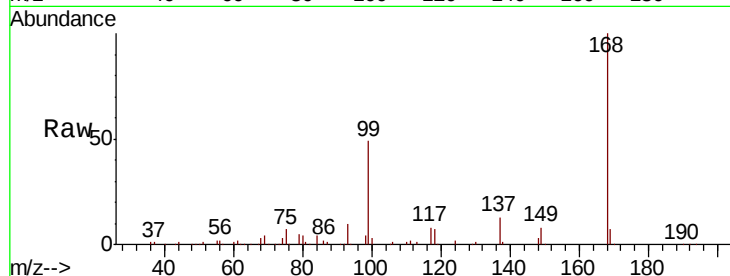
BS-SOIL-1

Tot Ion:168 Resp: 1453495

Ion Ratio Lower Upper

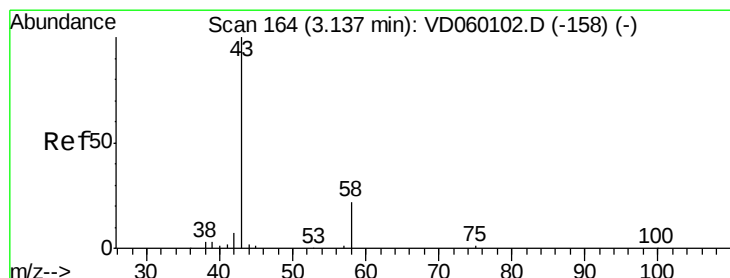
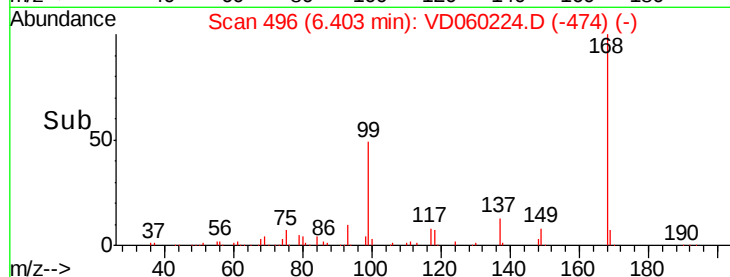
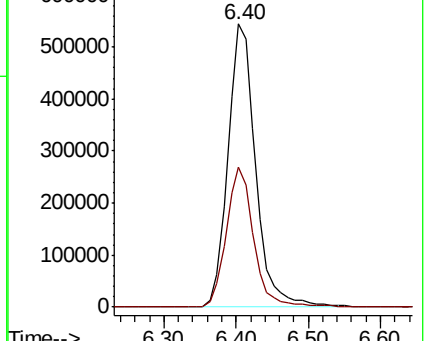
168 100

99 49.4 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: 32.821 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060224.D

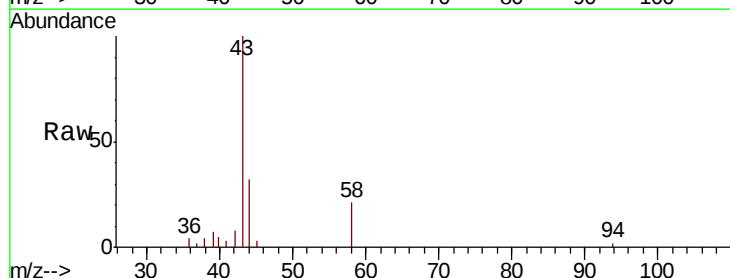
Acq: 26 Oct 2018 18:57

Tgt Ion: 43 Resp: 65615

Ion Ratio Lower Upper

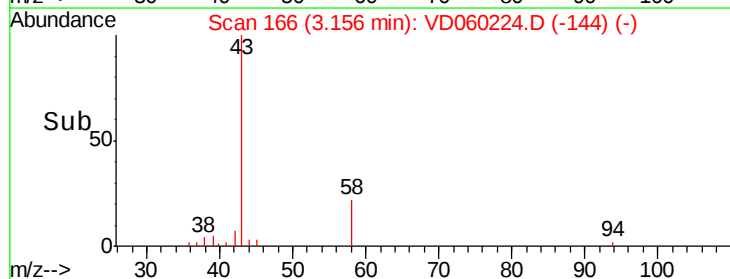
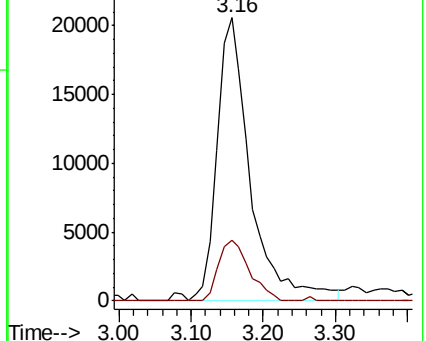
43 100

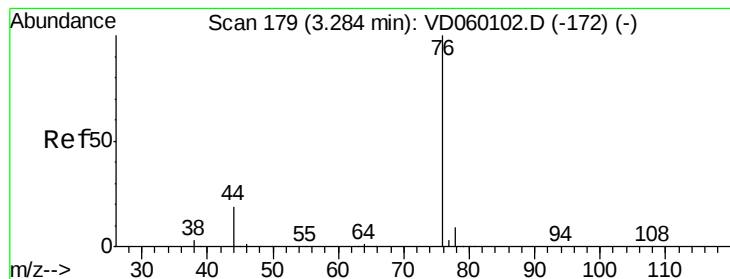
58 21.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.075 ug/l

RT: 3.31 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD060224.D

Acq: 26 Oct 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

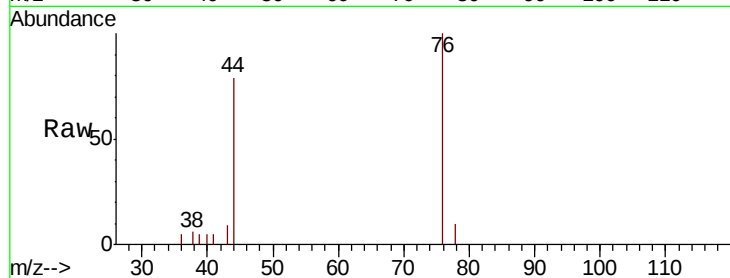
BS-SOIL-1

Tot Ion: 76 Resp: 21428

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.31

8000

6000

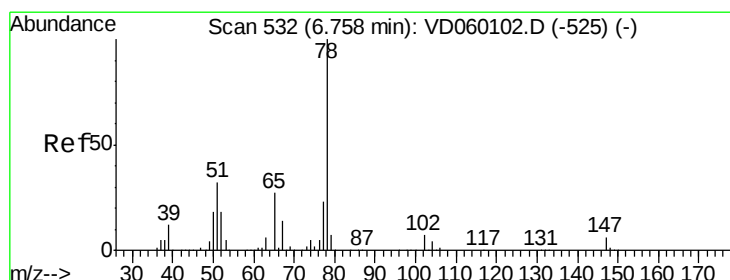
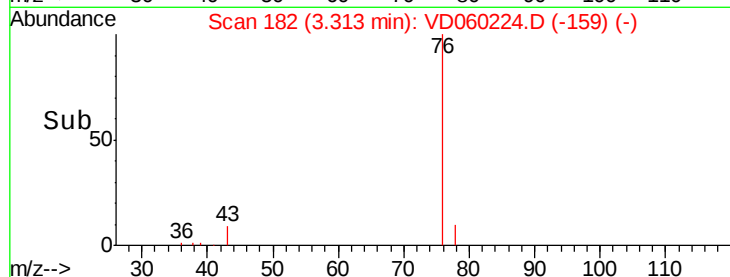
4000

2000

0

Time-->

3.20 3.30 3.40



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060224.D

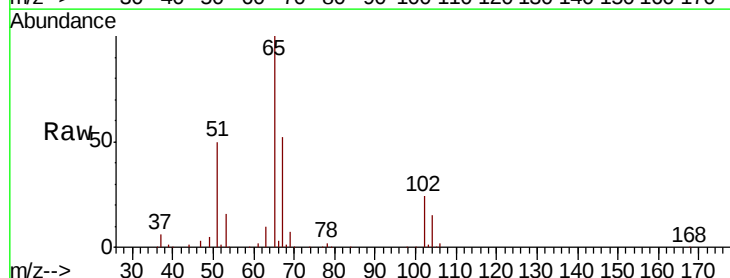
Acq: 26 Oct 2018 18:57

Tgt Ion: 65 Resp: 645122

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

300000

250000

200000

150000

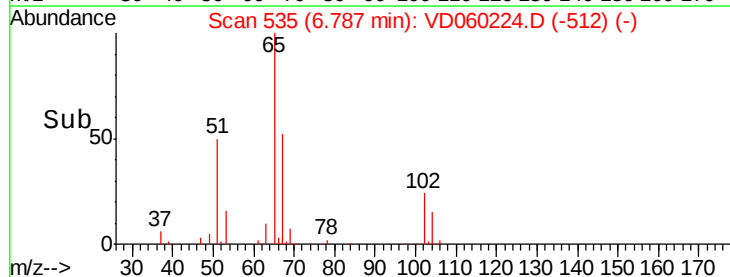
100000

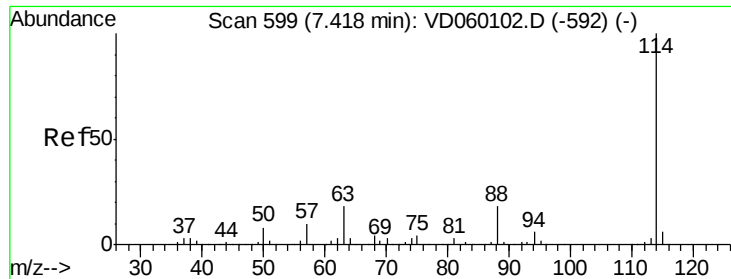
50000

0

Time-->

6.70 6.80 6.90 7.00

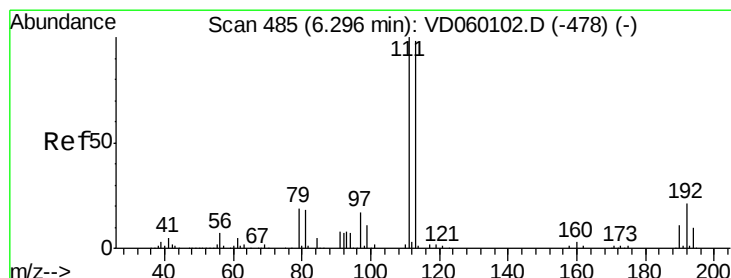
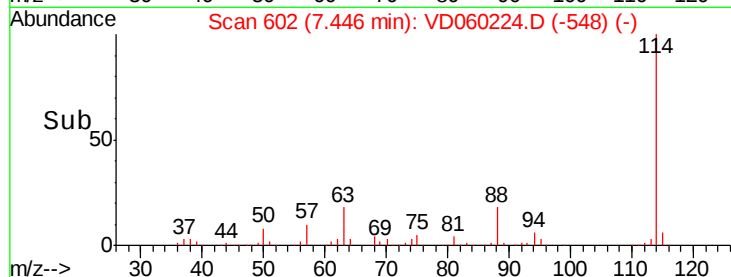
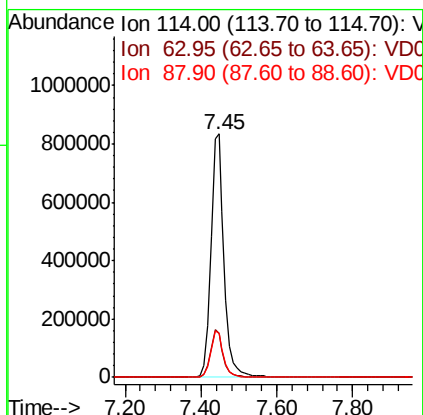
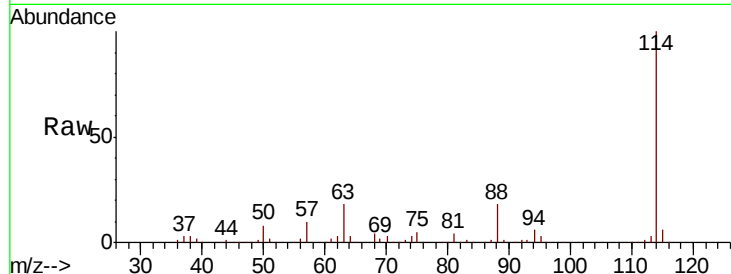




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060224.D
 Acq: 26 Oct 2018 18:57

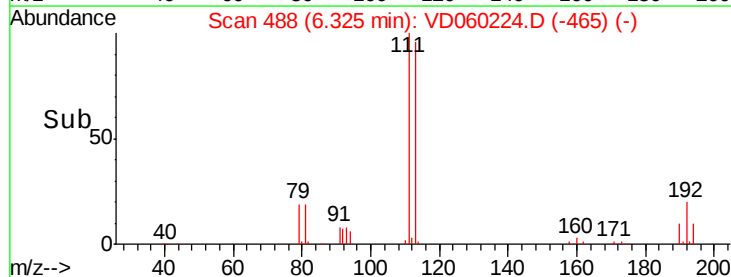
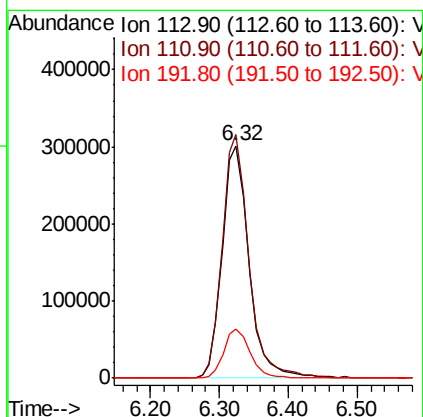
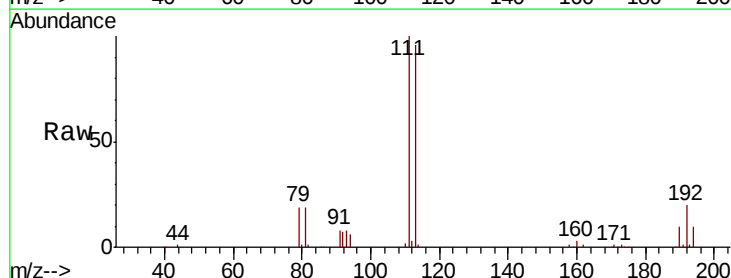
Instrument :
 MSVOA_D
 ClientSampled :
 BS-SOIL-1

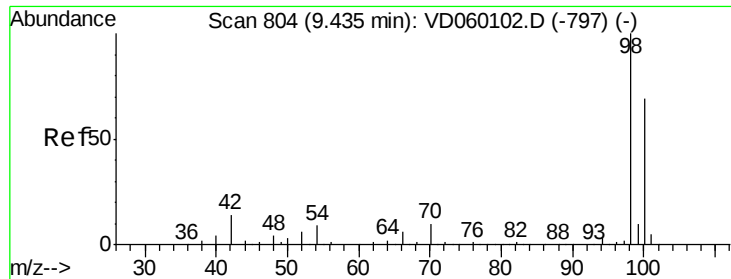
Tot Ion:114 Resp: 2052389
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 18.0 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060224.D
 Acq: 26 Oct 2018 18:57

Tgt Ion:113 Resp: 817046
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.5 122.3
 192 21.0 17.4 26.0

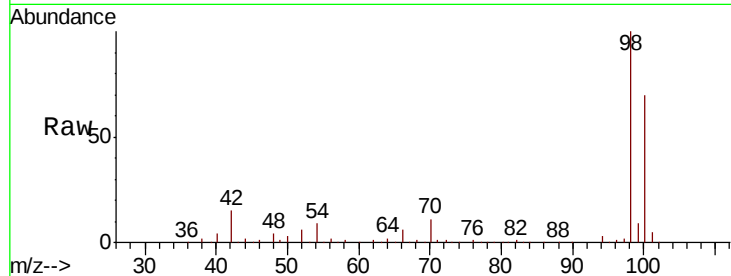




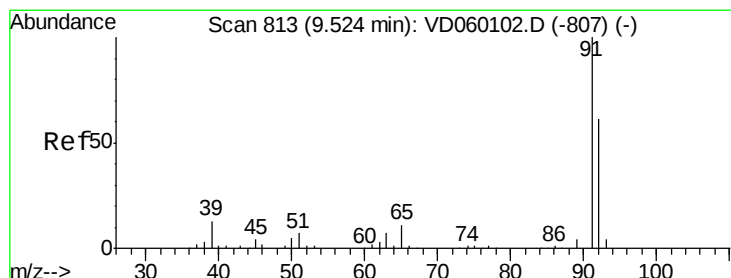
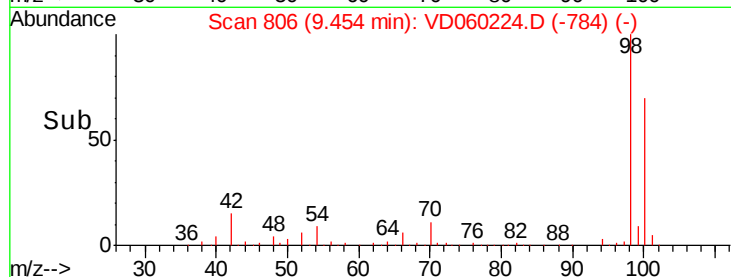
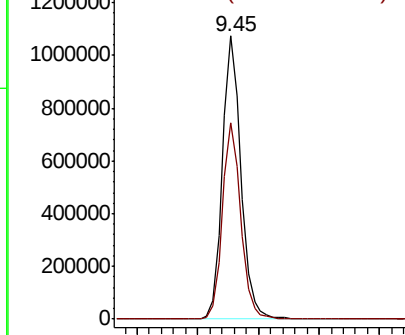
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060224.D
Acq: 26 Oct 2018 18:57

Instrument :
MSVOA_D
ClientSampleId :
BS-SOIL-1

Tot Ion: 98 Resp: 2286076
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

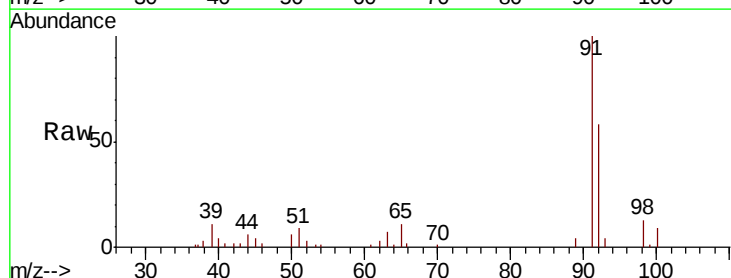


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

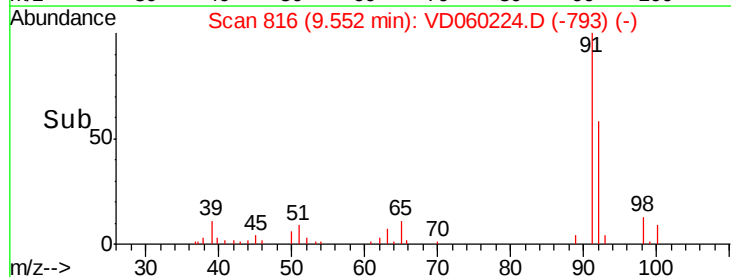
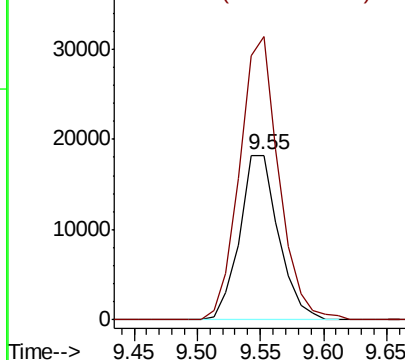


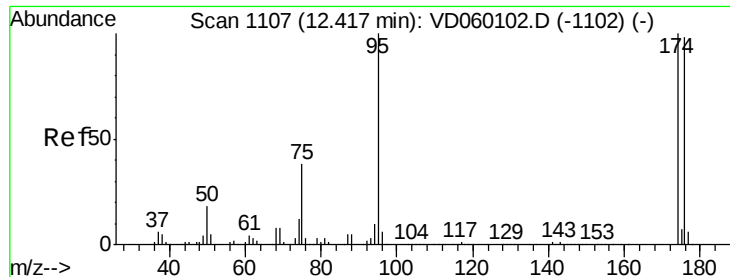
#52
Toluene
Concen: 1.183 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060224.D
Acq: 26 Oct 2018 18:57

Tgt Ion: 92 Resp: 39102
Ion Ratio Lower Upper
92 100
91 171.9 131.9 197.9



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: VD060224.D

Acq: 26 Oct 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

BS-SOIL-1

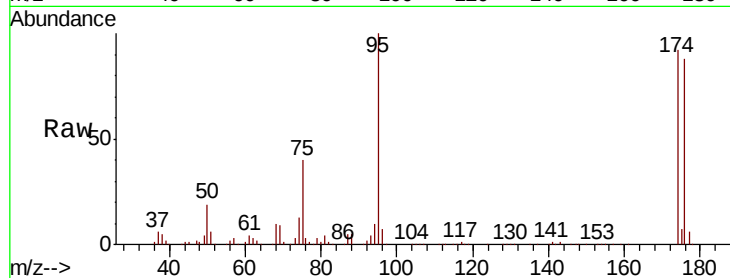
Tot Ion: 95 Resp: 804523

Ion Ratio Lower Upper

95 100

174 91.6 0.0 200.2

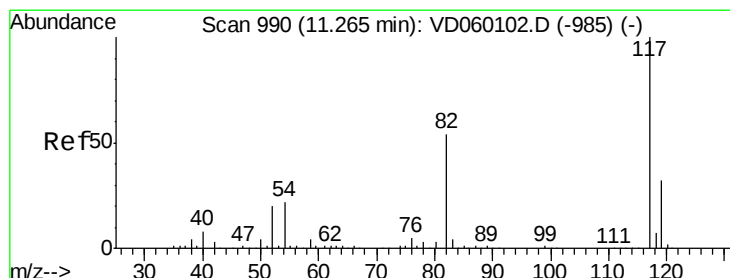
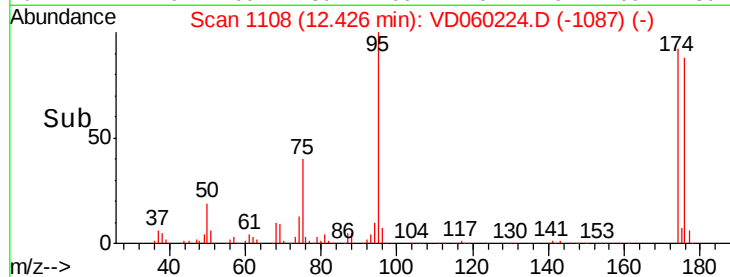
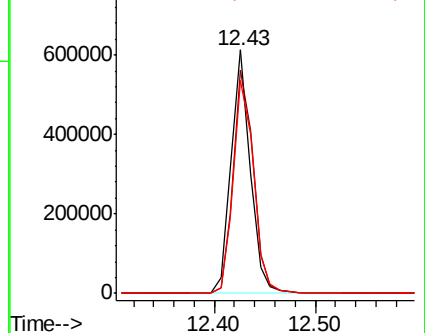
176 87.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060224.D

Acq: 26 Oct 2018 18:57

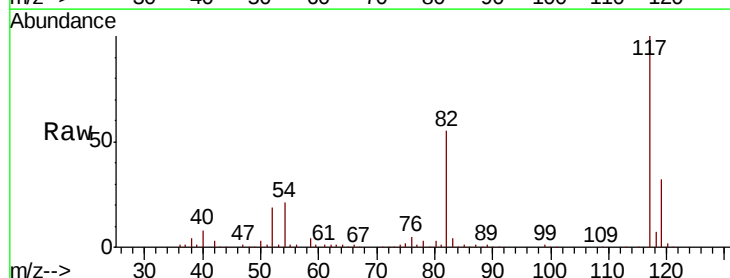
Tgt Ion: 117 Resp: 1590371

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.2

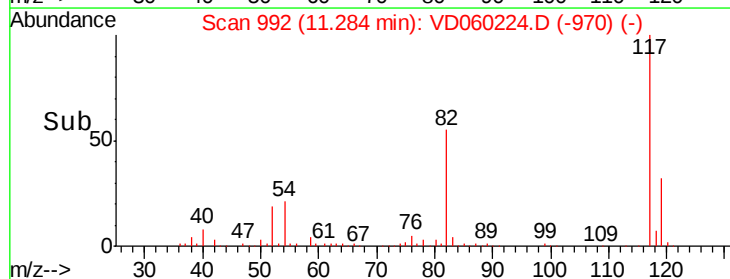
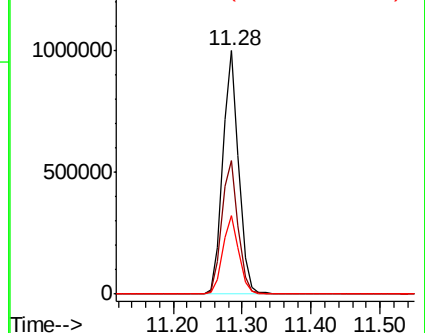
119 32.2 26.0 39.0

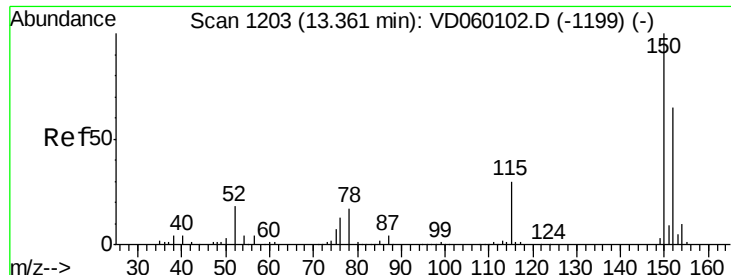


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060224.D

Acq: 26 Oct 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

BS-SOIL-1

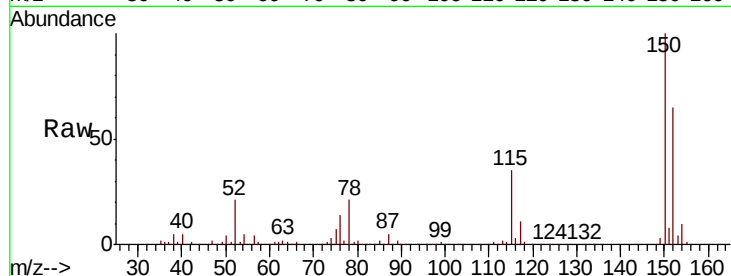
Tot Ion:152 Resp: 758254

Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.2

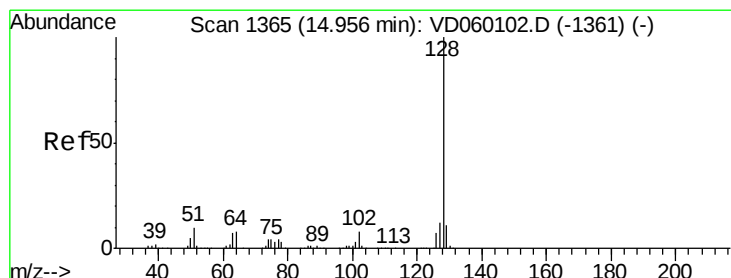
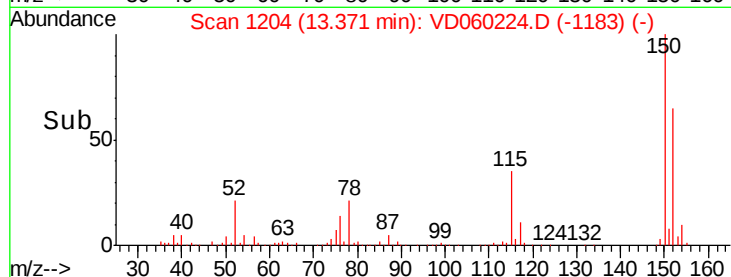
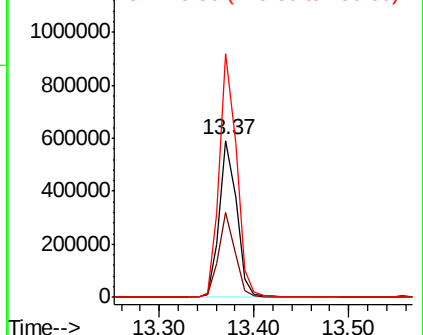
150 155.0 0.0 311.8



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: 10.291 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060224.D

Acq: 26 Oct 2018 18:57

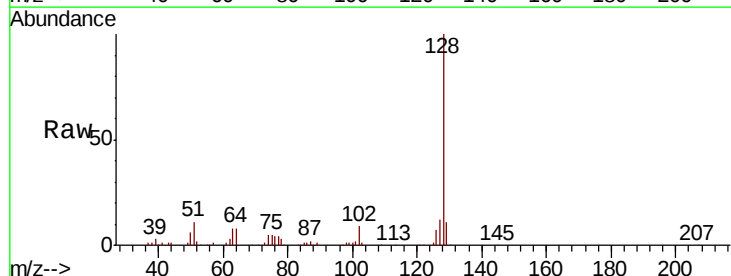
Tgt Ion:128 Resp: 275718

Ion Ratio Lower Upper

128 100

127 12.2 9.9 14.9

129 11.4 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

