

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010517.D
 Acq On : 22 May 2019 18:18
 Operator : SY/VA
 Sample : K2978-01
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-SOIL

Quant Time: May 23 07:48:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

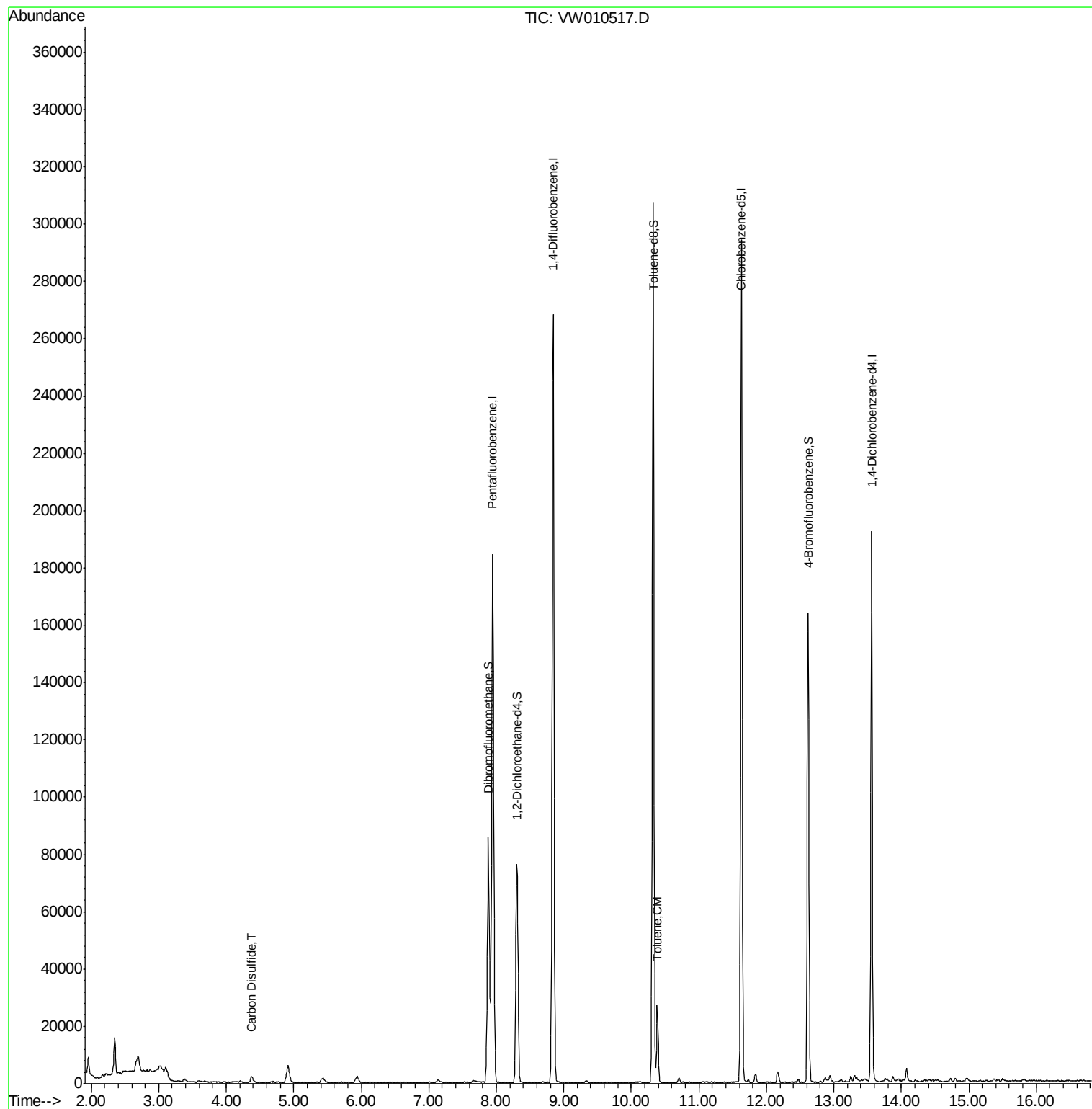
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	237413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60023	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	7.88	113	62403	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	
50) Toluene-d8	10.32	98	209944	38.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.30%	
62) 4-Bromofluorobenzene	12.62	95	60852	27.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.52%	
Target Compounds						
17) Carbon Disulfide	4.37	76	4285	1.015	ug/l	98
52) Toluene	10.38	92	12214	2.959	ug/l	99

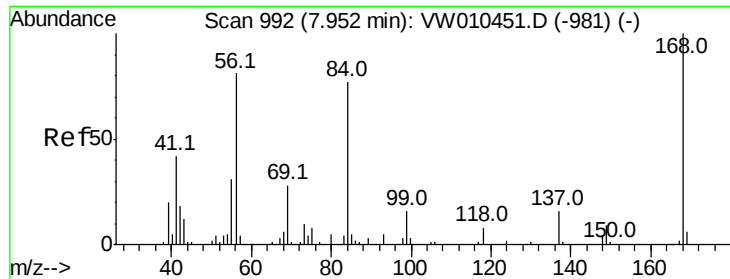
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

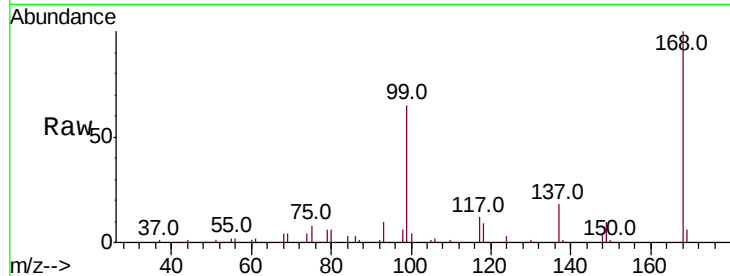
RO-SOIL

Tot Ion:168 Resp: 133964

Ion Ratio Lower Upper

168 100

99 64.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

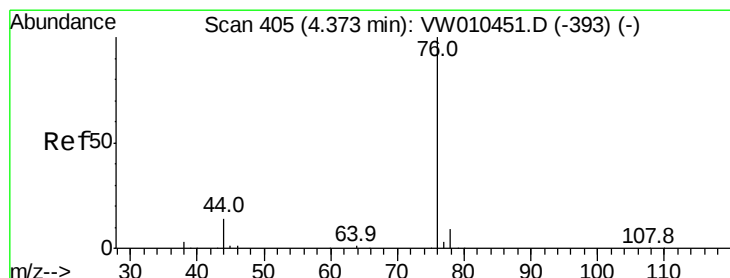
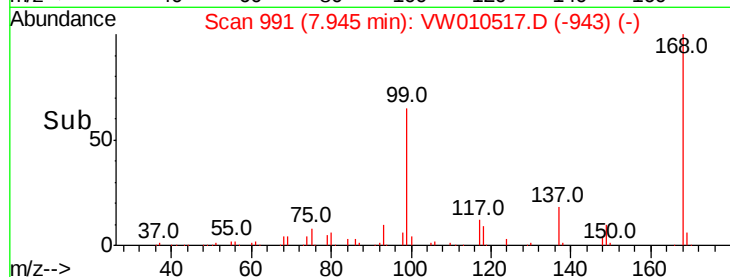
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#17

Carbon Disulfide

Concen: 1.015 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010517.D

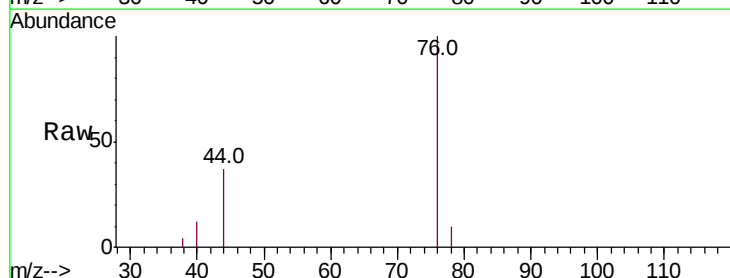
Acq: 22 May 2019 18:18

Tgt Ion: 76 Resp: 4285

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

1500

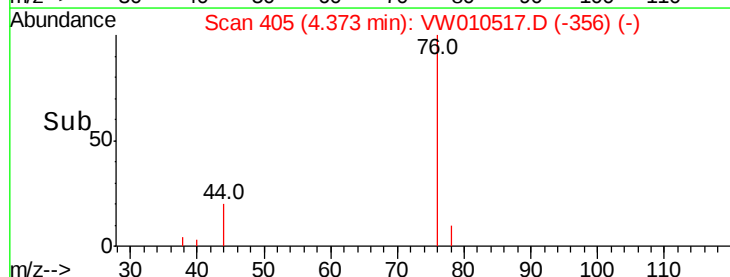
1000

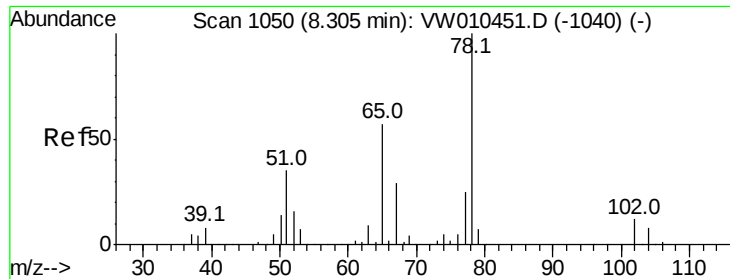
500

0

4.30 4.35 4.40 4.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.409 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

Instrument :

MSVOA_W

ClientSampled :

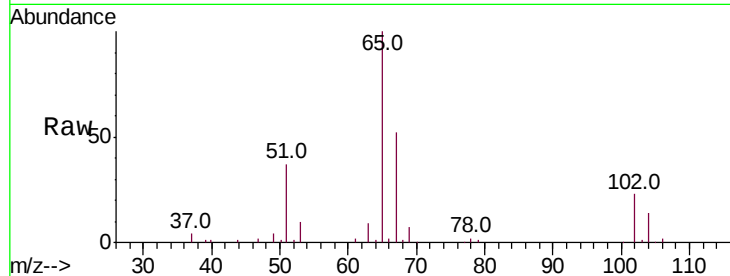
RO-SOIL

Tot Ion: 65 Resp: 60023

Ion Ratio Lower Upper

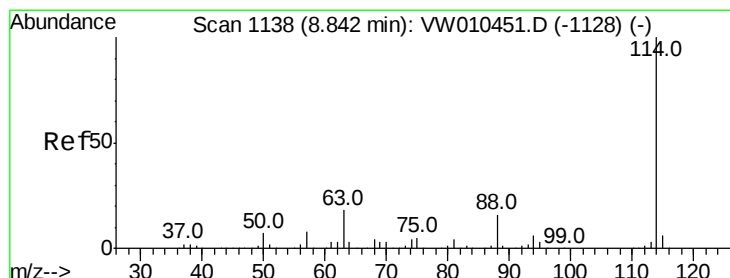
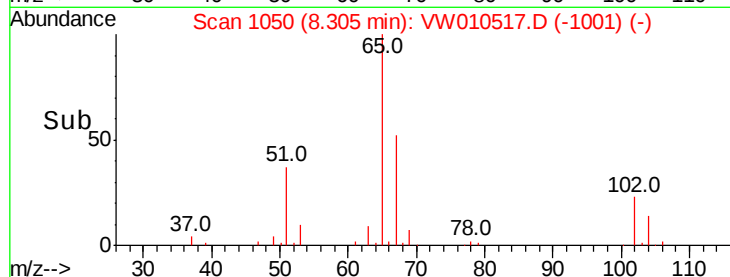
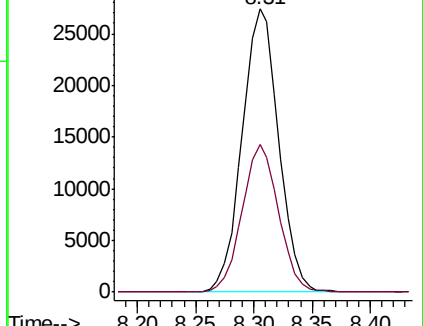
65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

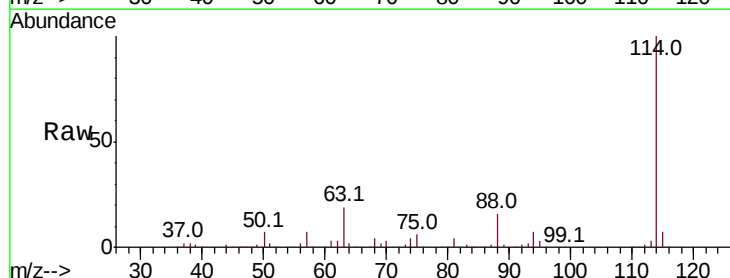
Tgt Ion:114 Resp: 237413

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.0

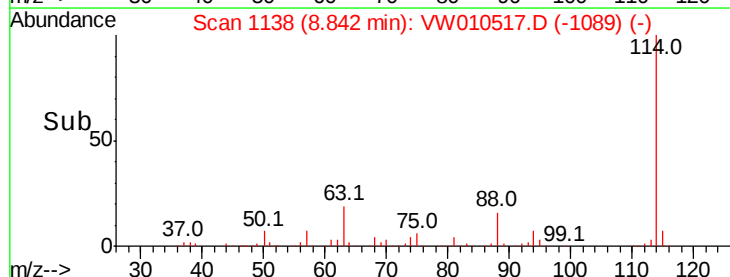
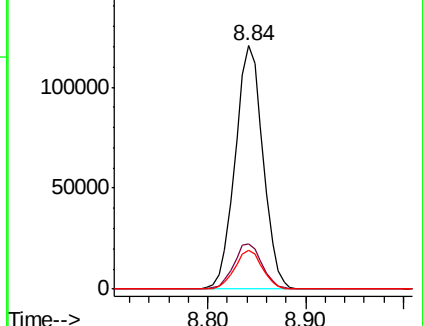
88 16.1 0.0 32.0

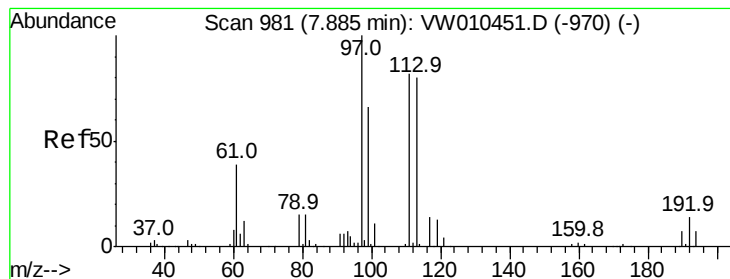


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 43.318 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

Instrument :

MSVOA_W

ClientSampled :

RO-SOIL

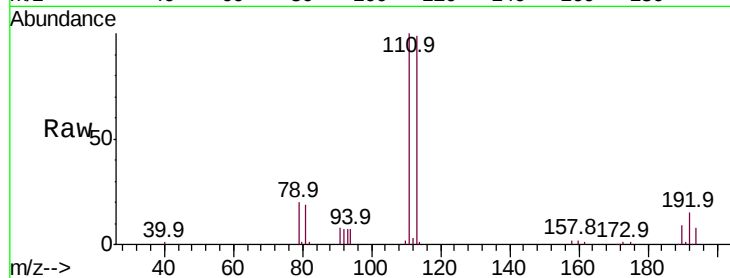
Tot Ion:113 Resp: 62403

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

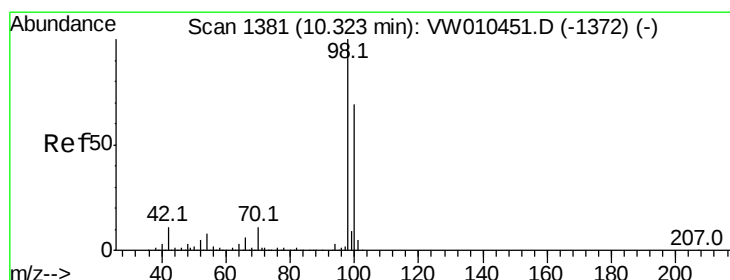
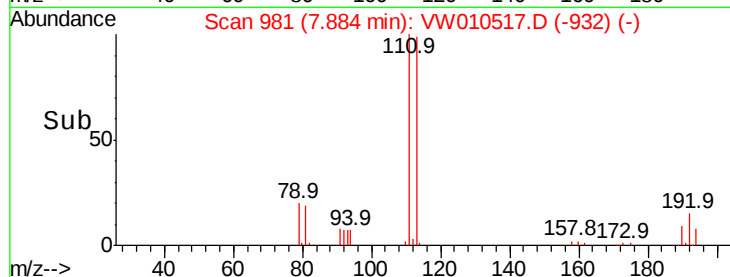
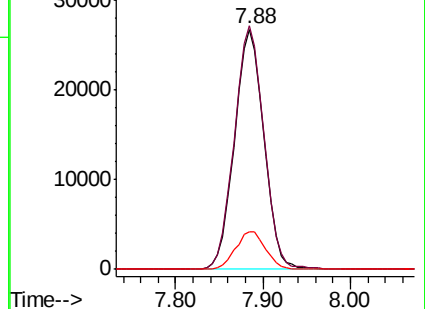
192 16.1 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 38.148 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010517.D

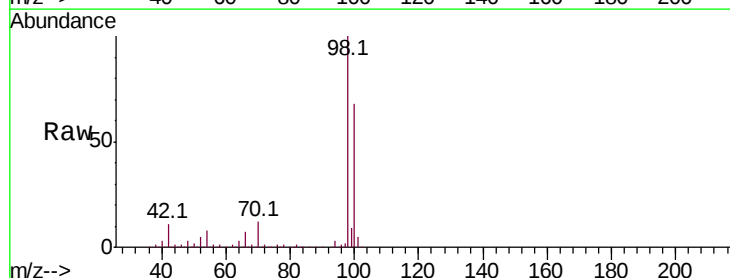
Acq: 22 May 2019 18:18

Tgt Ion: 98 Resp: 209944

Ion Ratio Lower Upper

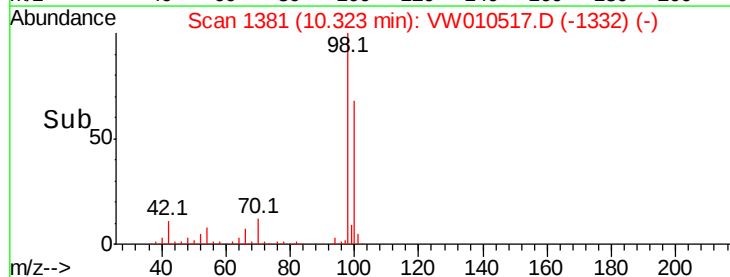
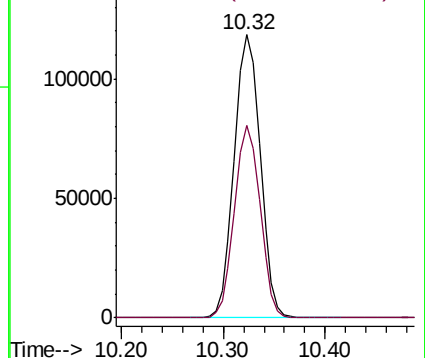
98 100

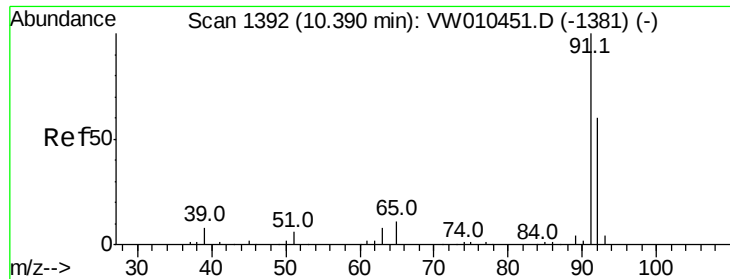
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.959 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

Instrument :

MSVOA_W

ClientSampled :

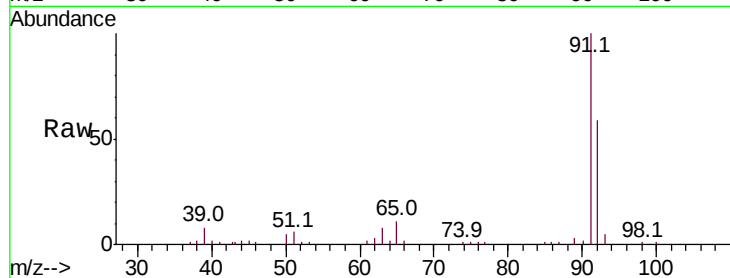
RO-SOIL

Tot Ion: 92 Resp: 12214

Ion Ratio Lower Upper

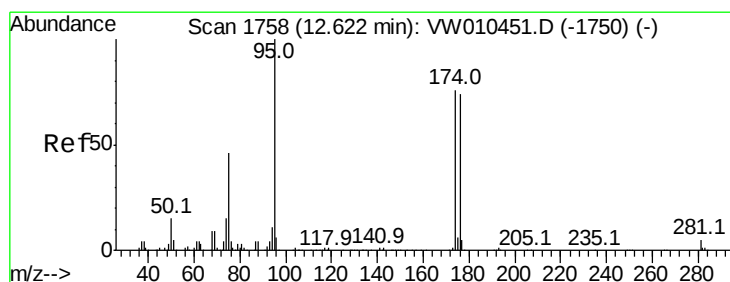
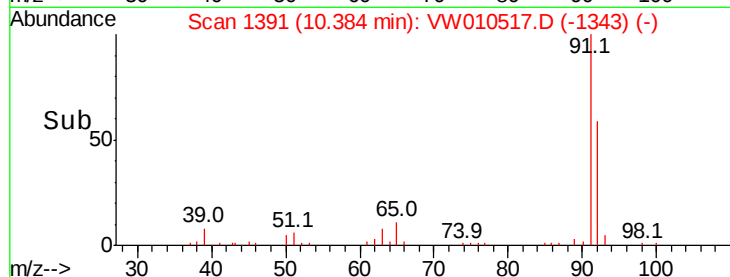
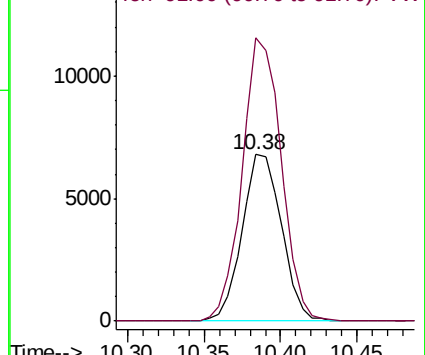
92 100

91 168.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 27.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010517.D

Acq: 22 May 2019 18:18

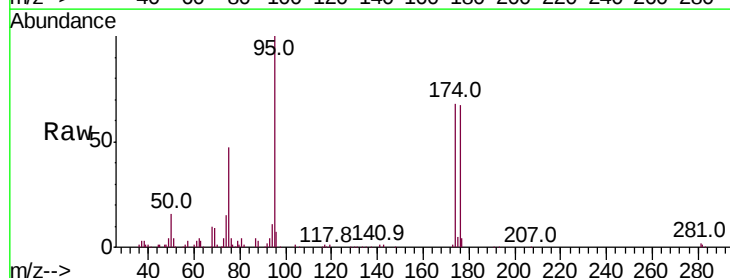
Tgt Ion: 95 Resp: 60852

Ion Ratio Lower Upper

95 100

174 66.9 0.0 148.6

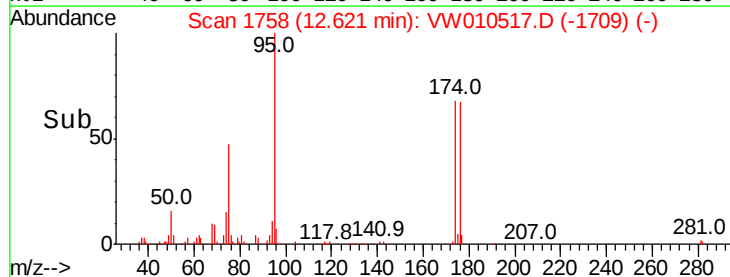
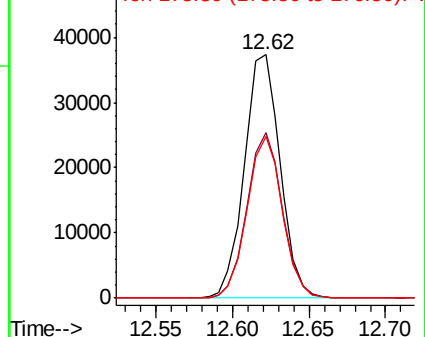
176 65.1 0.0 144.2

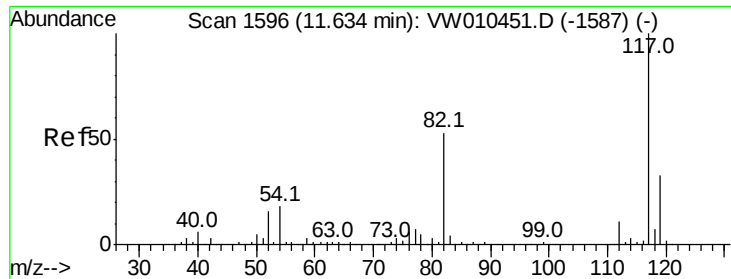


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

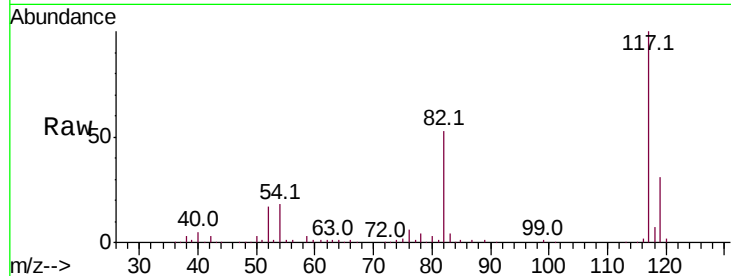




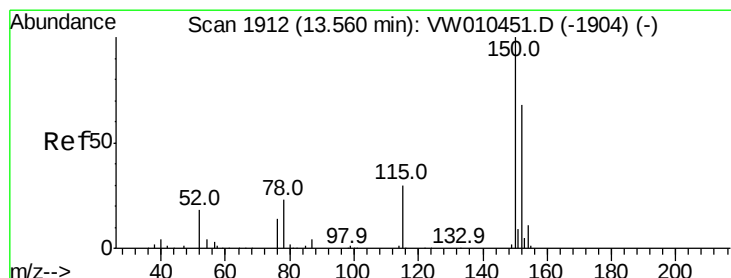
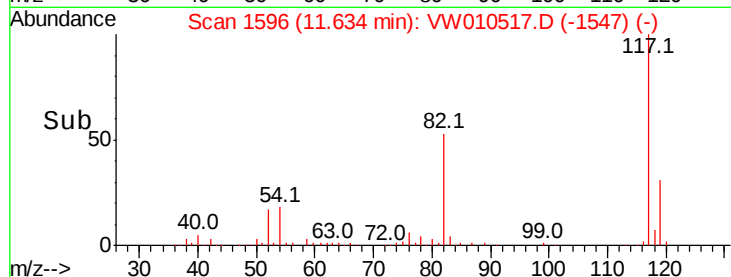
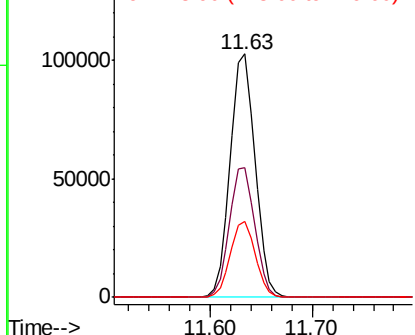
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010517.D
Acq: 22 May 2019 18:18

Instrument :
MSVOA_W
ClientSampled :
RO-SOIL

Tot Ion:117 Resp: 173370
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.4 26.3 39.5

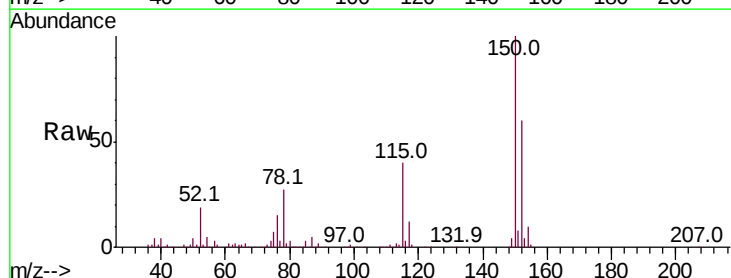


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010517.D
Acq: 22 May 2019 18:18

Tgt Ion:152 Resp: 48073
Ion Ratio Lower Upper
152 100
115 65.2 30.3 91.0
150 161.0 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

