

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000119.D
 Acq On : 20 Sep 2019 19:34
 Operator : SY/MD
 Sample : K4938-04
 Misc : 5.09g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-WEST-SOIL

Quant Time: Sep 21 01:02:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

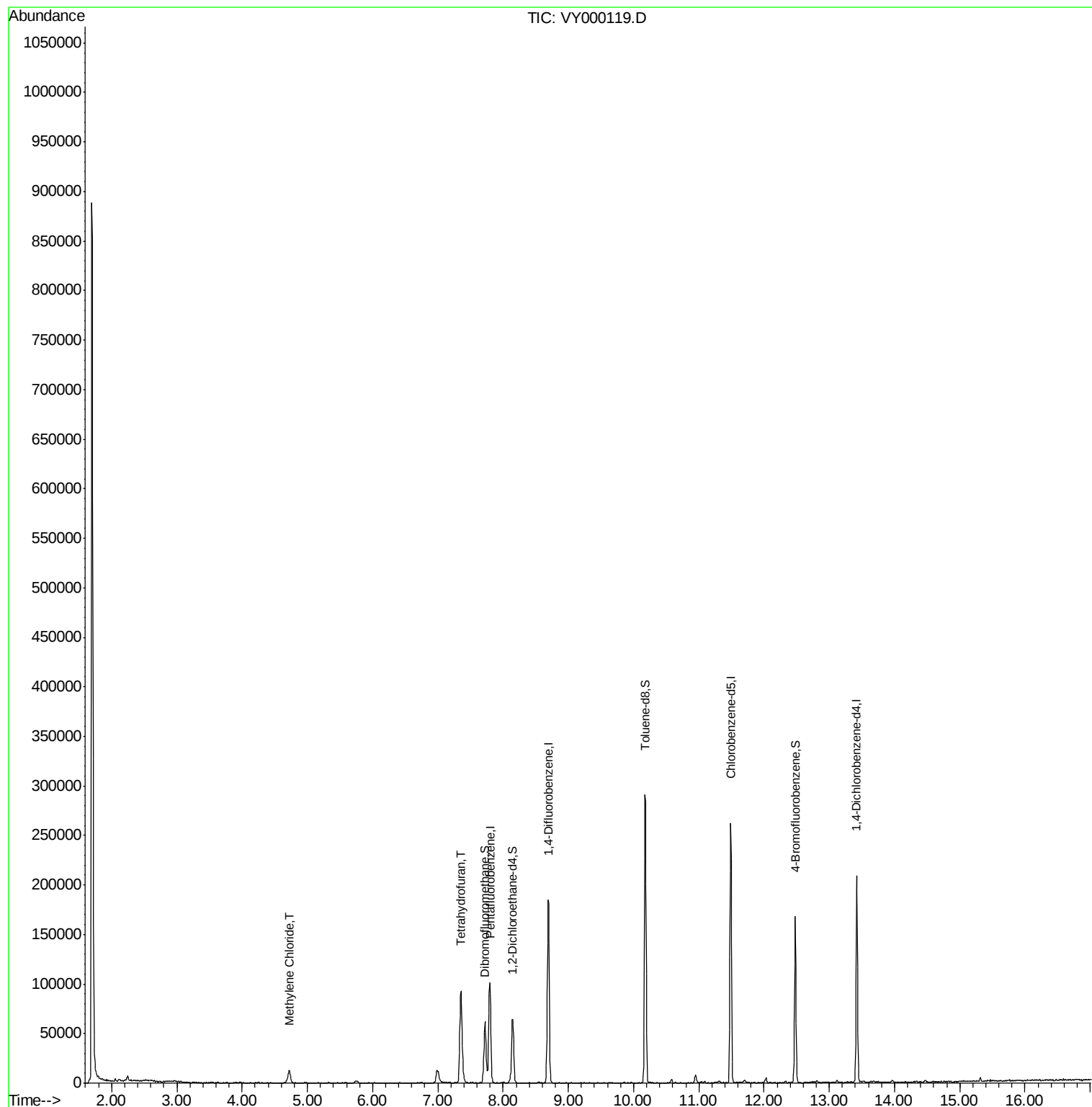
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	73681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	158319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	133972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	48982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	45918	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
35) Dibromofluoromethane	7.73	113	44420	46.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	10.18	98	191078	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.48	95	58495	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
Target Compounds						
20) Methylene Chloride	4.72	84	9333	10.052	ug/l #	82
29) Tetrahydrofuran	7.35	42	73218	341.163	ug/l	99

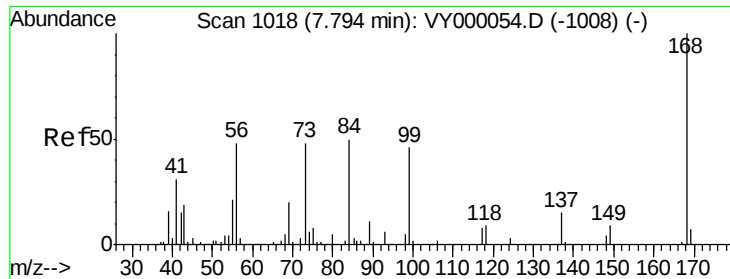
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

Instrument :

MSVOA_Y

ClientSampleId :

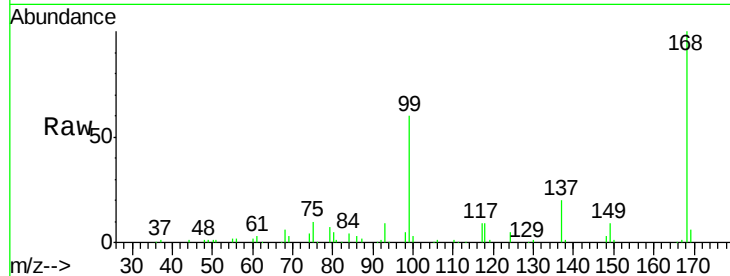
MG-WEST-SOIL

Tot Ion:168 Resp: 73681

Ion Ratio Lower Upper

168 100

99 60.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.80

30000

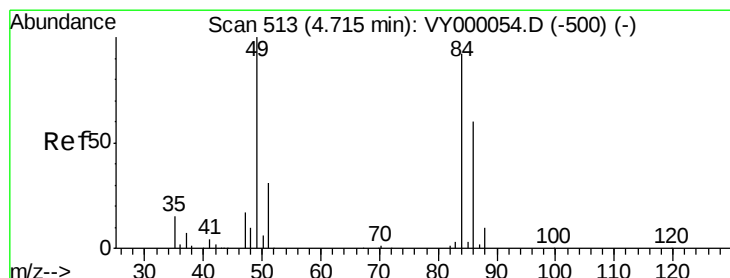
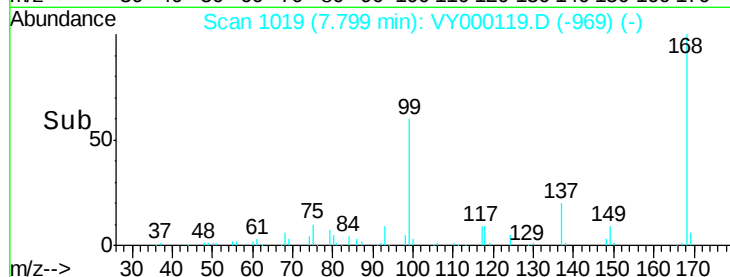
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#20

Methylene Chloride

Concen: 10.052 ug/l

RT: 4.72 min Scan# 514

Delta R.T. 0.01 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

Tgt Ion: 84 Resp: 9333

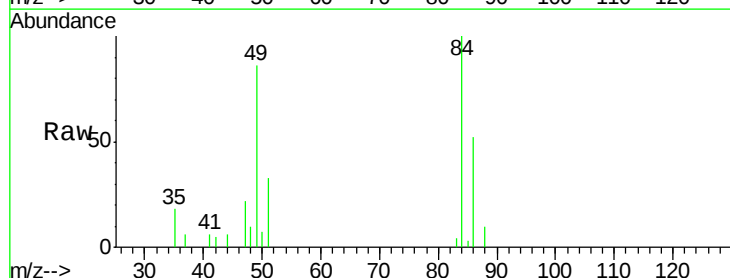
Ion Ratio Lower Upper

84 100

49 85.6 87.4 131.0#

51 33.0 27.2 40.8

86 51.8 52.8 79.2#



Abundance Ion 83.90 (83.60 to 84.60): VY000054.D (-500) (-)

Ion 48.90 (48.60 to 49.60): VY000054.D (-500) (-)

Ion 50.90 (50.60 to 51.60): VY000054.D (-500) (-)

Ion 85.90 (85.60 to 86.60): VY000054.D (-500) (-)

4.72

5000

4000

3000

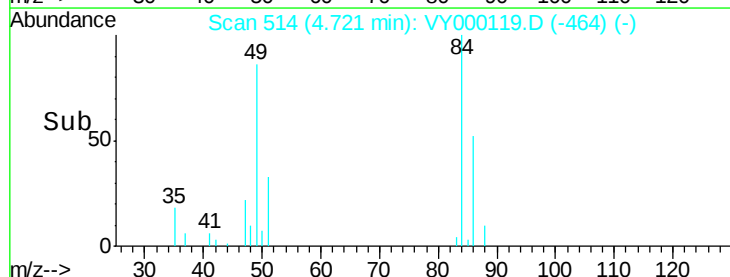
2000

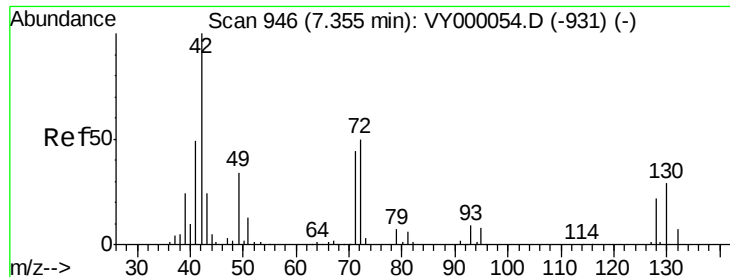
1000

0

4.60 4.65 4.70 4.75 4.80

Time-->

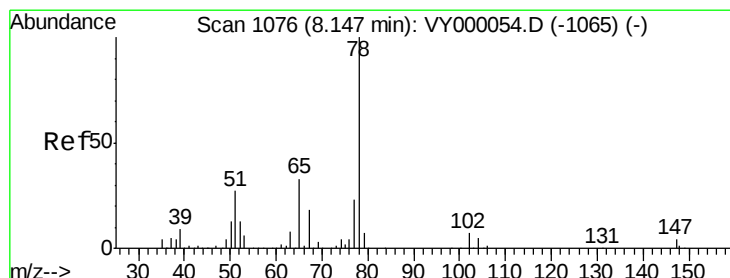
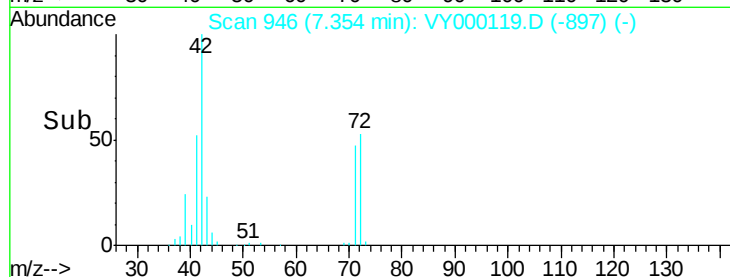
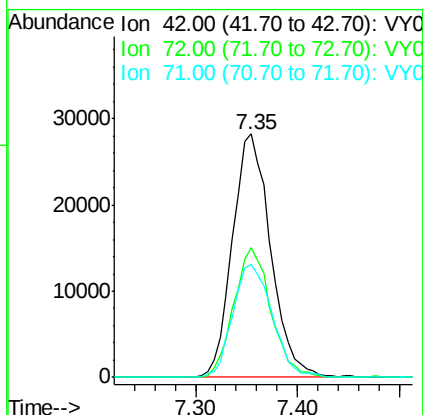
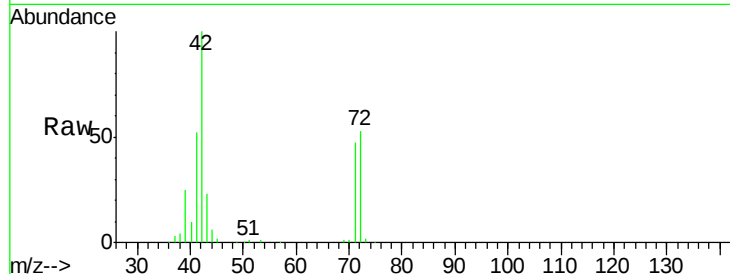




#29
Tetrahydrofuran
Concen: 341.163 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000119.D
Acq: 20 Sep 2019 19:34

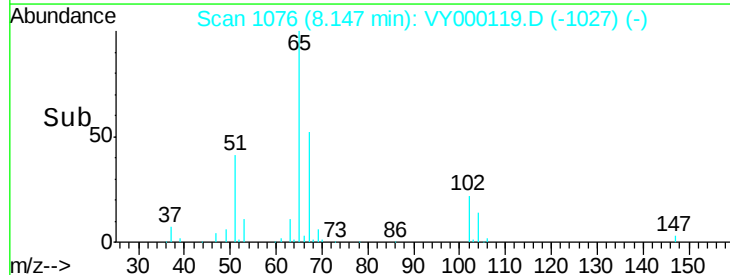
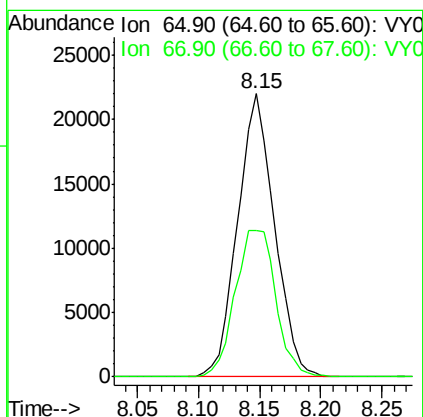
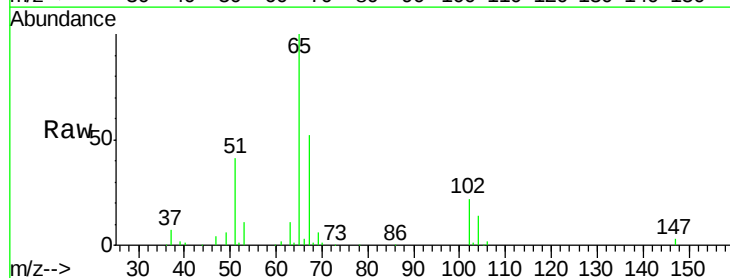
Instrument :
MSVOA_Y
ClientSampled :
MG-WEST-SOIL

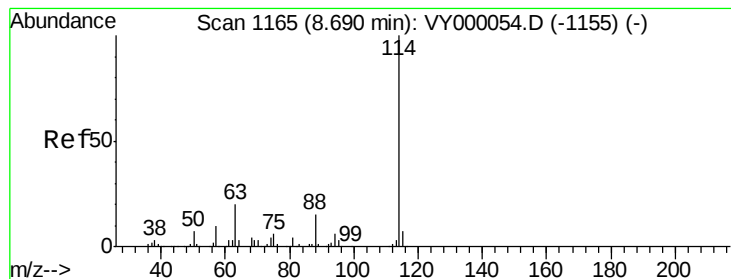
Tot Ion: 42 Resp: 73218
Ion Ratio Lower Upper
42 100
72 51.7 41.8 62.6
71 48.0 38.6 58.0



#33
1,2-Dichloroethane-d4
Concen: 54.167 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000119.D
Acq: 20 Sep 2019 19:34

Tgt Ion: 65 Resp: 45918
Ion Ratio Lower Upper
65 100
67 57.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

Instrument :

MSVOA_Y

ClientSampleId :

MG-WEST-SOIL

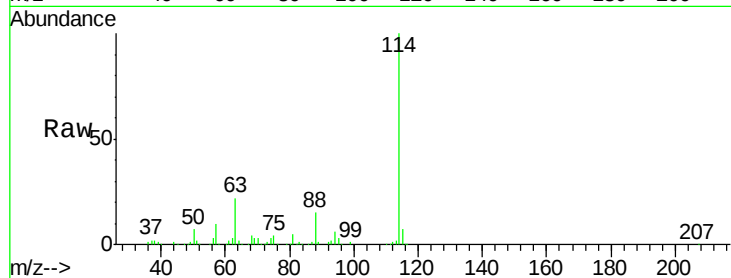
Tot Ion:114 Resp: 158319

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.4

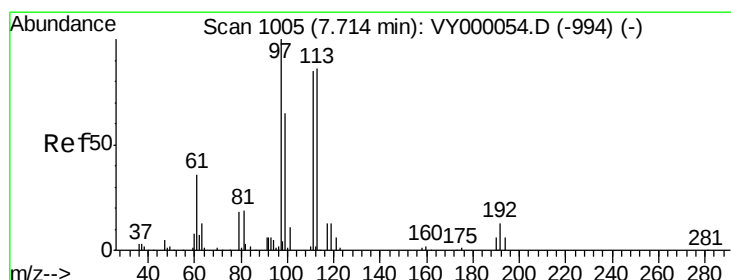
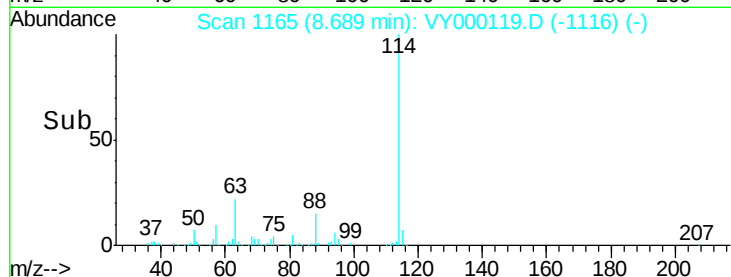
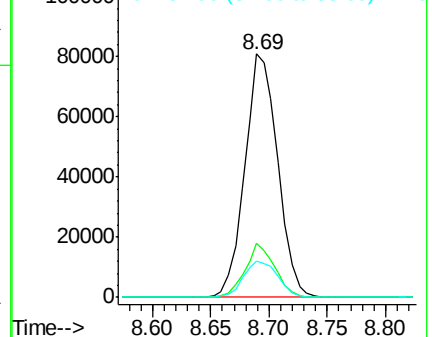
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 46.339 ug/l

RT: 7.73 min Scan# 1007

Delta R.T. 0.01 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

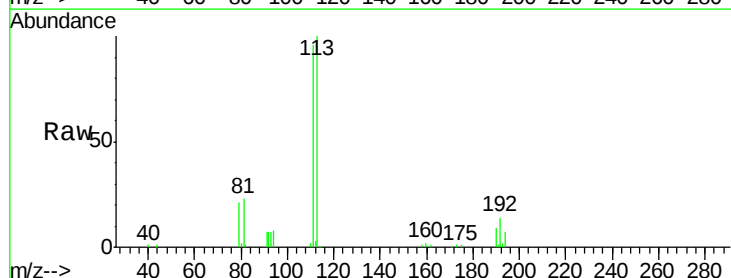
Tgt Ion:113 Resp: 44420

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

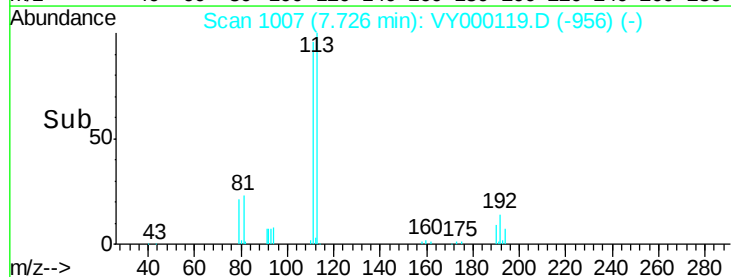
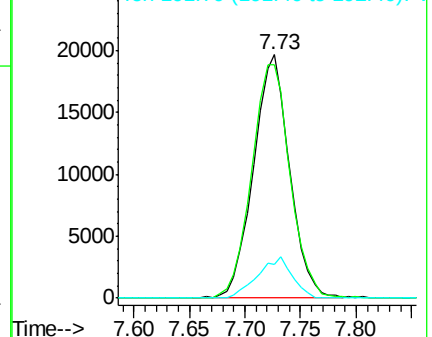
192 16.1 13.4 20.2

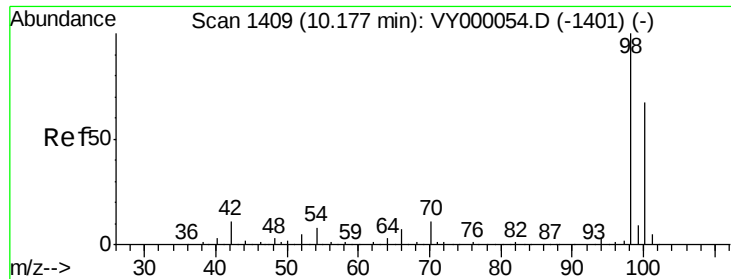


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.751 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

Instrument :

MSVOA_Y

ClientSampled :

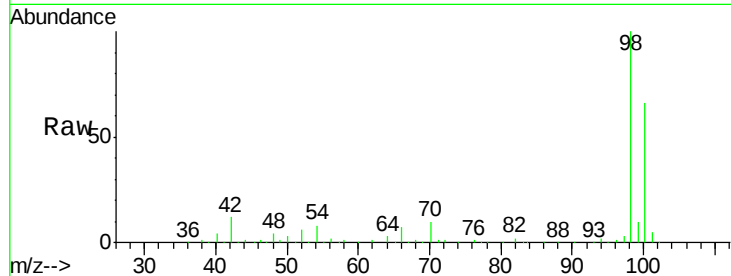
MG-WEST-SOIL

Tot Ion: 98 Resp: 191078

Ion Ratio Lower Upper

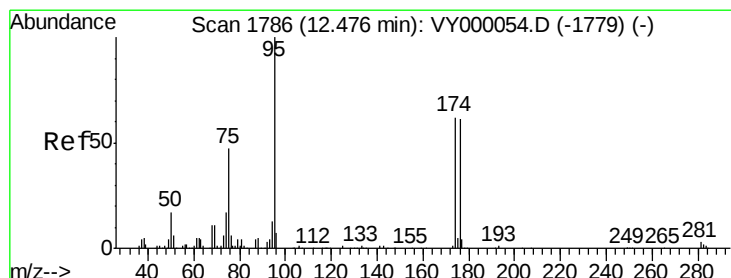
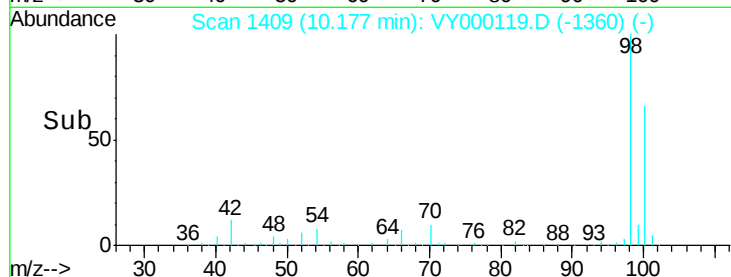
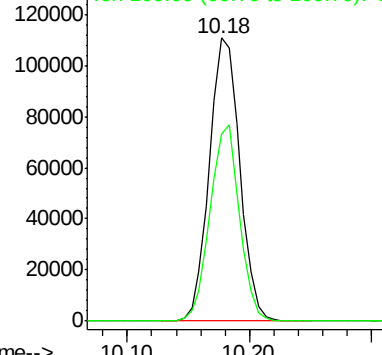
98 100

100 66.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 41.846 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000119.D

Acq: 20 Sep 2019 19:34

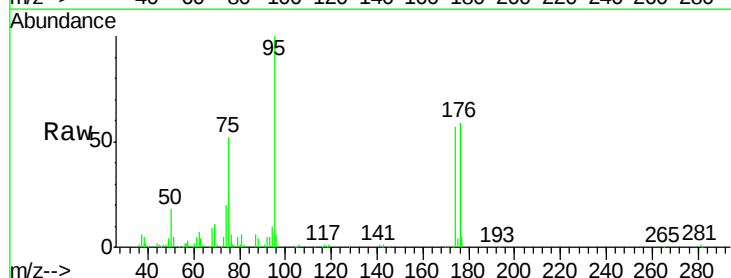
Tgt Ion: 95 Resp: 58495

Ion Ratio Lower Upper

95 100

174 63.7 0.0 137.2

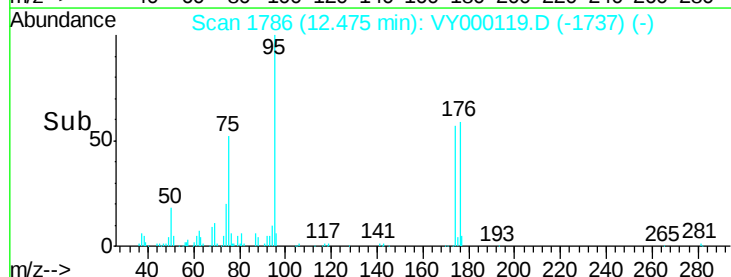
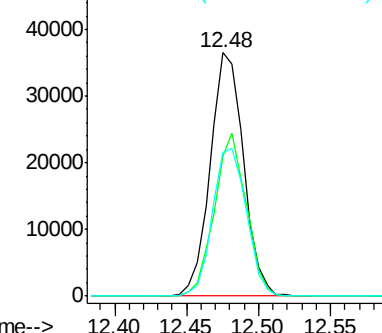
176 61.6 0.0 135.0

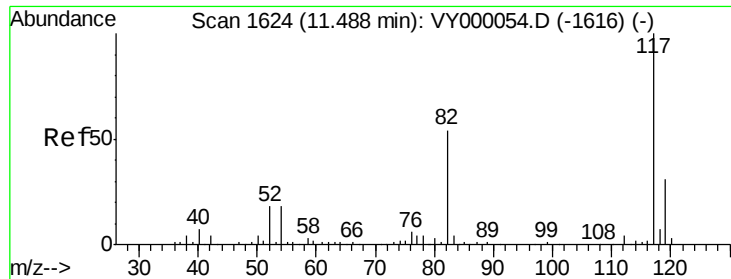


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

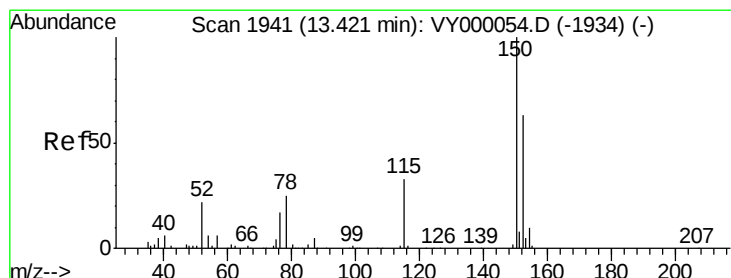
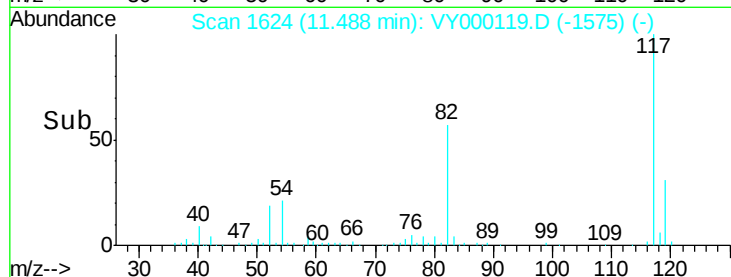
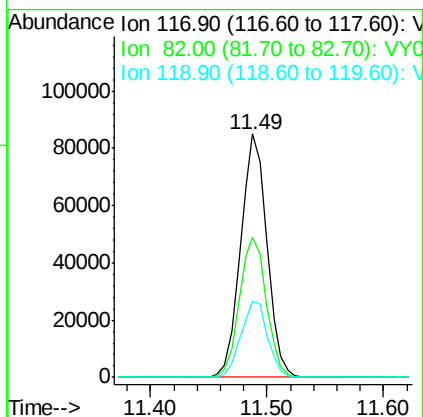
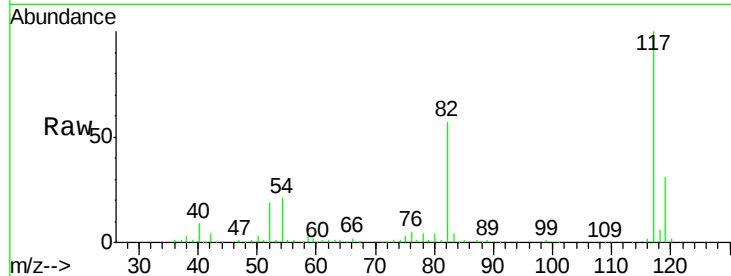




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000119.D
Acq: 20 Sep 2019 19:34

Instrument :
MSVOA_Y
ClientSampled :
MG-WEST-SOIL

Tot Ion:117 Resp: 133972
Ion Ratio Lower Upper
117 100
82 57.5 43.5 65.3
119 31.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000119.D
Acq: 20 Sep 2019 19:34

Tgt Ion:152 Resp: 48982
Ion Ratio Lower Upper
152 100
115 62.7 30.7 92.1
150 154.4 0.0 351.6

