

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000118.D
 Acq On : 20 Sep 2019 19:11
 Operator : SY/MD
 Sample : K4938-03
 Misc : 5.01g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-EAST-SOIL

Quant Time: Sep 21 00:55:37 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

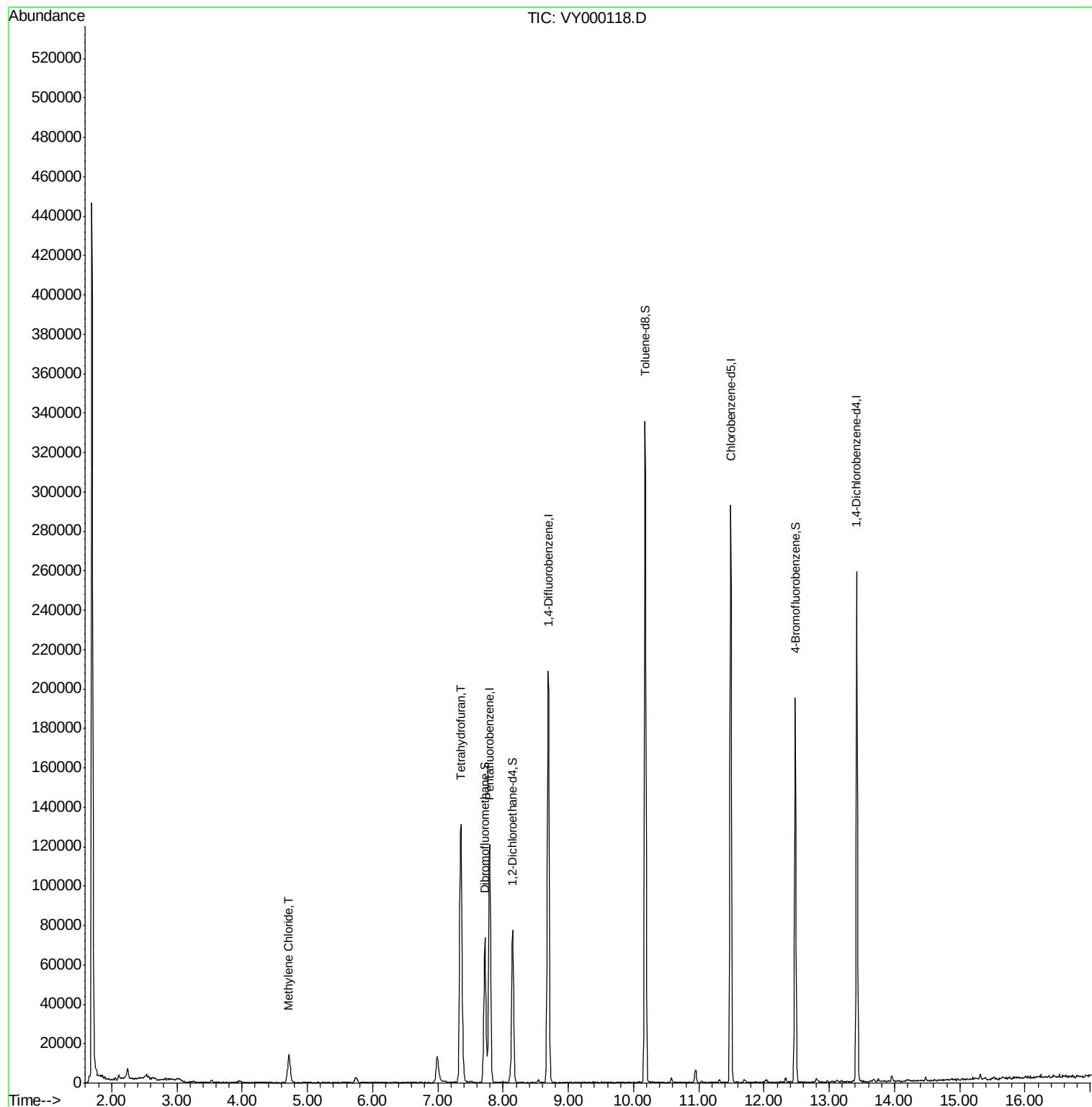
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	83503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	177773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	152582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	56631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	52830	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.72	113	50465	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.18	98	215328	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.48	95	69870	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
20) Methylene Chloride	4.71	84	10365	9.850	ug/l	92
29) Tetrahydrofuran	7.35	42	104134	428.144	ug/l	99

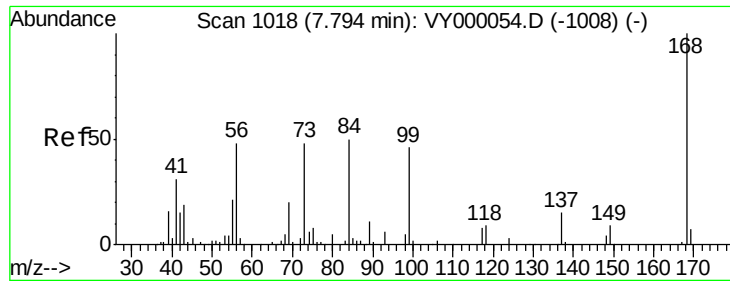
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000118.D
Acq On : 20 Sep 2019 19:11
Operator : SY/MD
Sample : K4938-03
Misc : 5.01µl/5.00ml/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MG-EAST-SOIL

Quant Time: Sep 21 00:55:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
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: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000118.D

Acq: 20 Sep 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

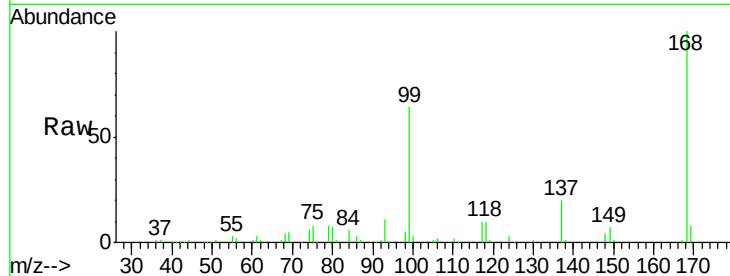
MG-EAST-SOIL

Tot Ion:168 Resp: 83503

Ion Ratio Lower Upper

168 100

99 63.6 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.79

40000

30000

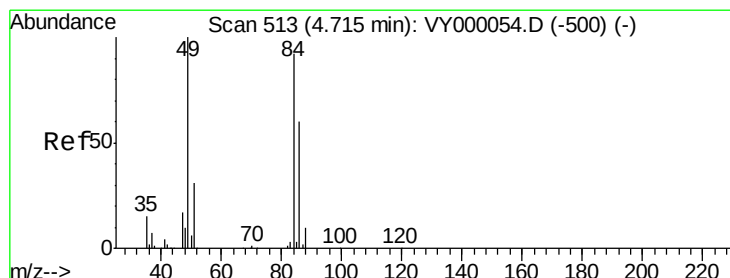
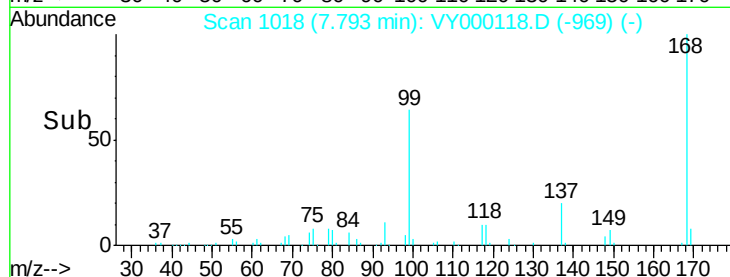
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#20

Methylene Chloride

Concen: 9.850 ug/l

RT: 4.71 min Scan# 513

Delta R.T. -0.00 min

Lab File: VY000118.D

Acq: 20 Sep 2019 19:11

Tgt Ion: 84 Resp: 10365

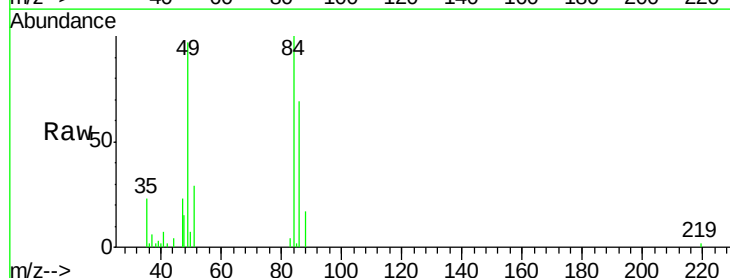
Ion Ratio Lower Upper

84 100

49 97.4 87.4 131.0

51 29.3 27.2 40.8

86 69.0 52.8 79.2



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4.71

6000

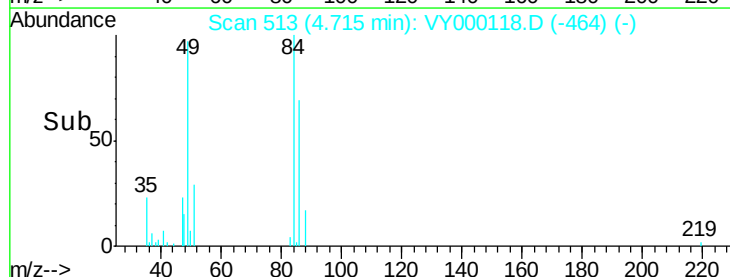
4000

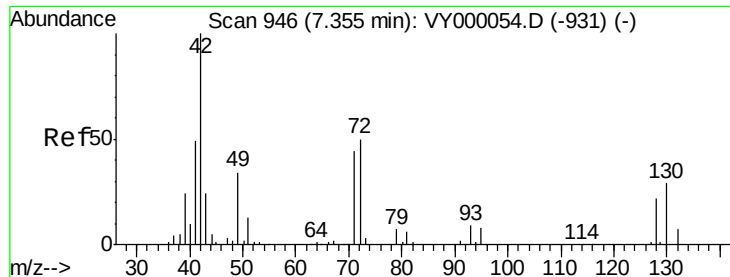
2000

0

4.60 4.65 4.70 4.75 4.80

Time-->





#29

Tetrahydrofuran

Concen: 428.144 ug/l

RT: 7.35 min Scan# 945

Delta R.T. -0.01 min

Lab File: VY000118.D

Acq: 20 Sep 2019 19:11

Instrument :

MSVOA_Y

ClientSampled :

MG-EAST-SOIL

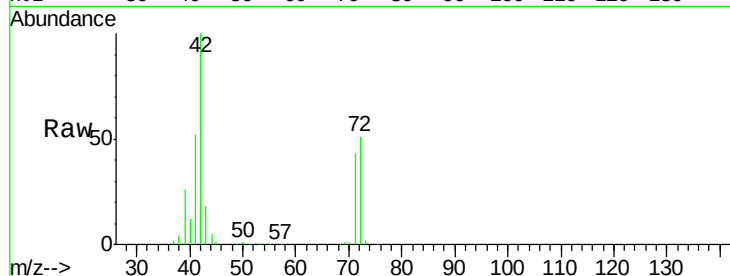
Tot Ion: 42 Resp: 104134

Ion Ratio Lower Upper

42 100

72 52.0 41.8 62.6

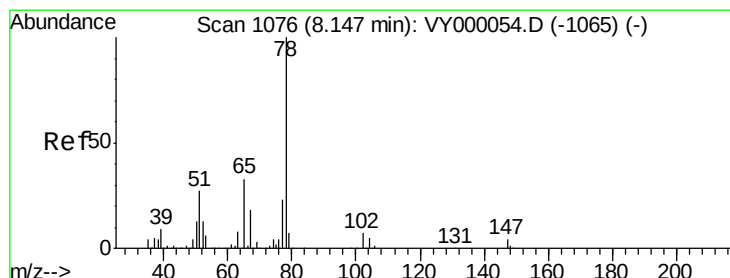
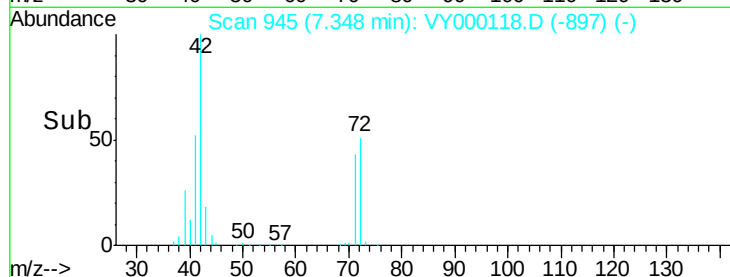
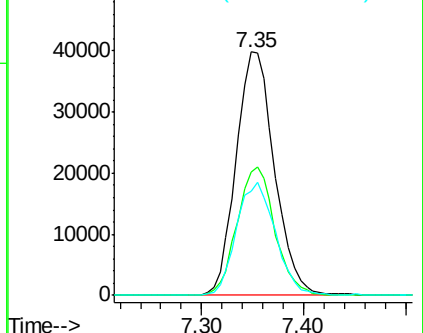
71 47.1 38.6 58.0



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.990 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000118.D

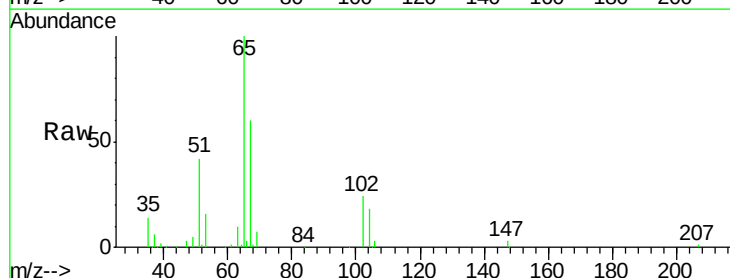
Acq: 20 Sep 2019 19:11

Tgt Ion: 65 Resp: 52830

Ion Ratio Lower Upper

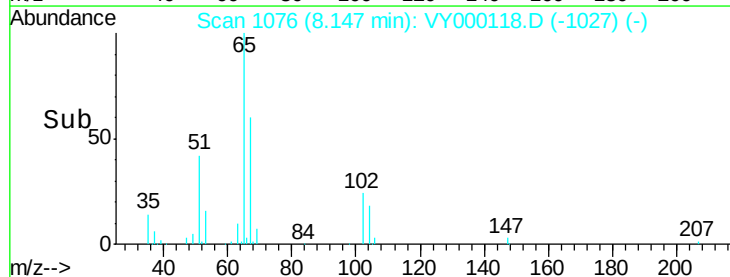
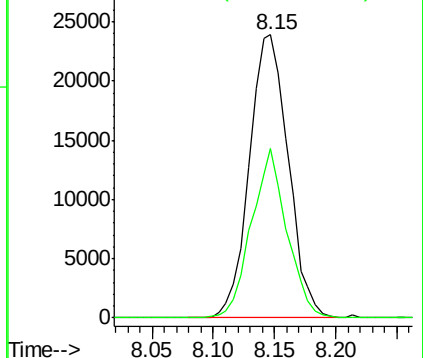
65 100

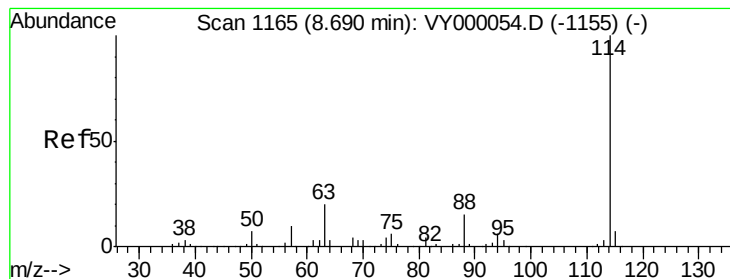
67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000118.D

Acq: 20 Sep 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

MG-EAST-SOIL

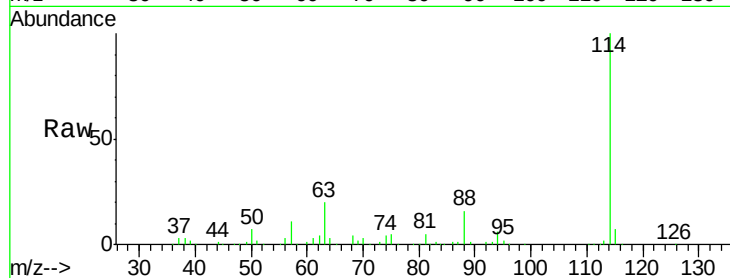
Tot Ion:114 Resp: 177773

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

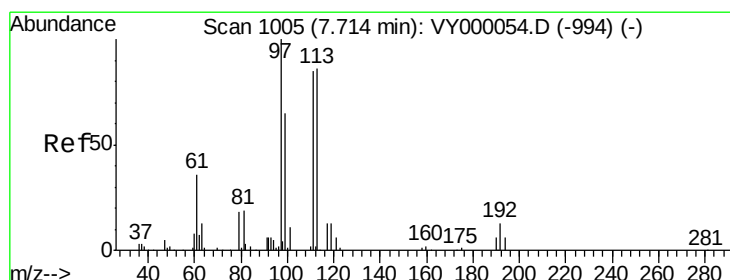
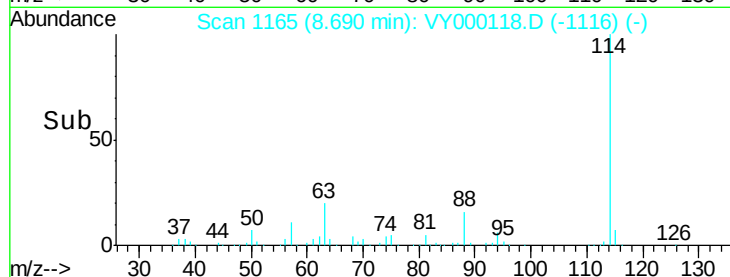
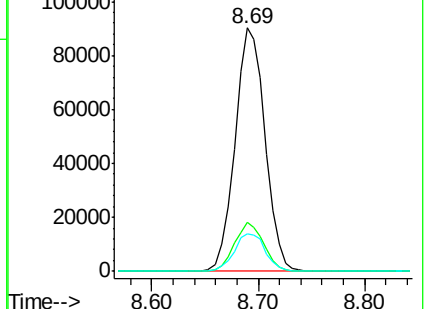
88 15.6 0.0 30.2



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: 46.884 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000118.D

Acq: 20 Sep 2019 19:11

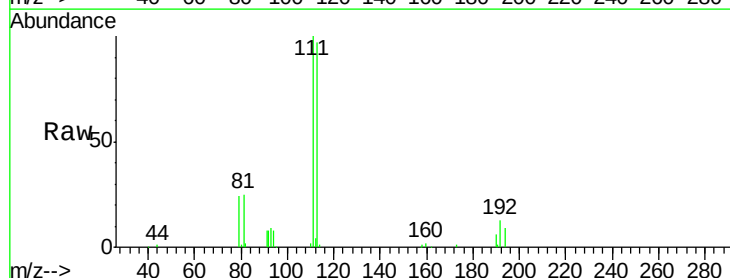
Tgt Ion:113 Resp: 50465

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

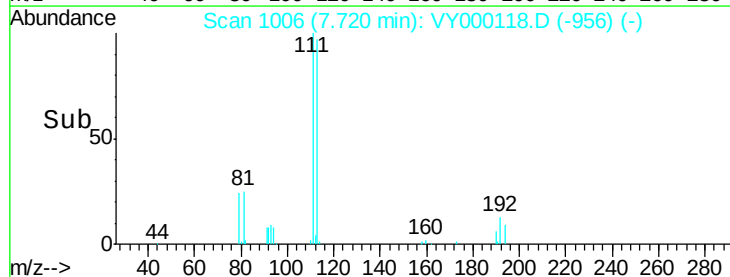
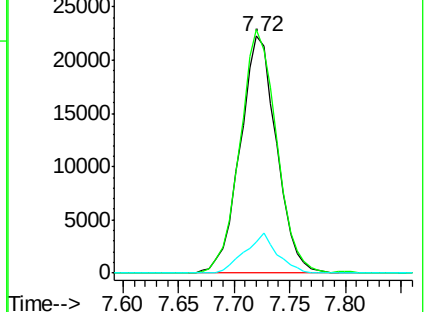
192 15.0 13.4 20.2

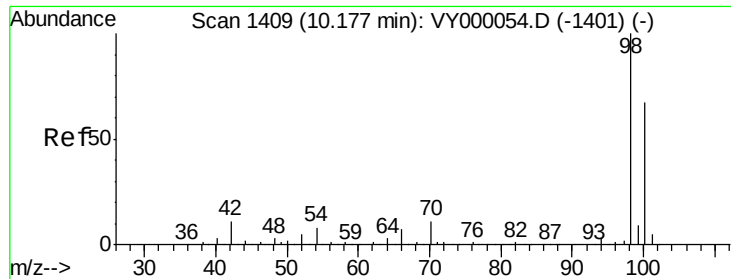


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

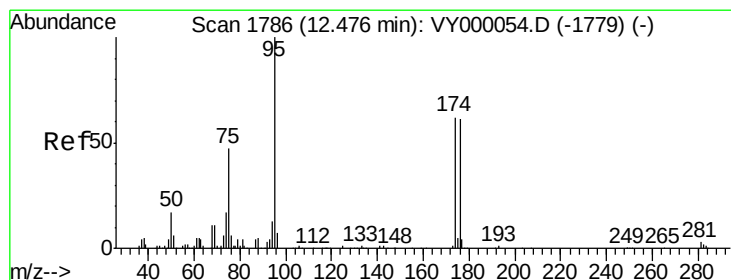
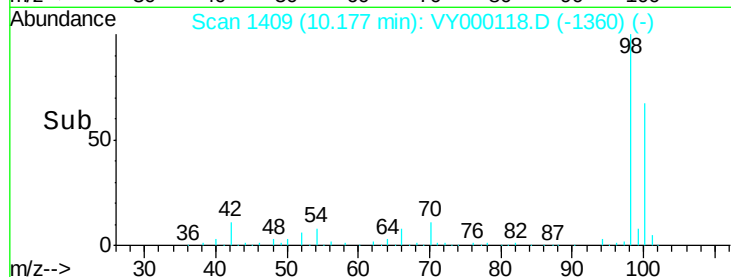
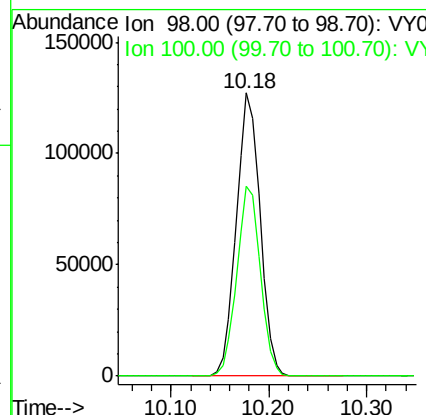
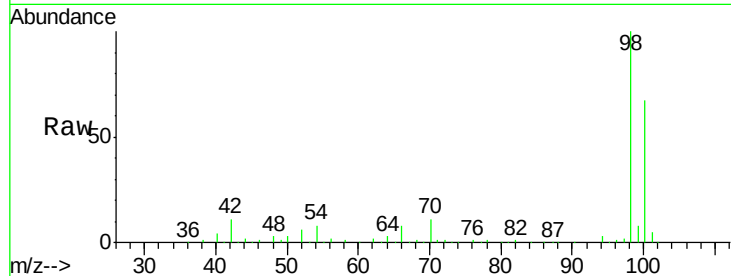




#50
Toluene-d8
Concen: 50.933 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

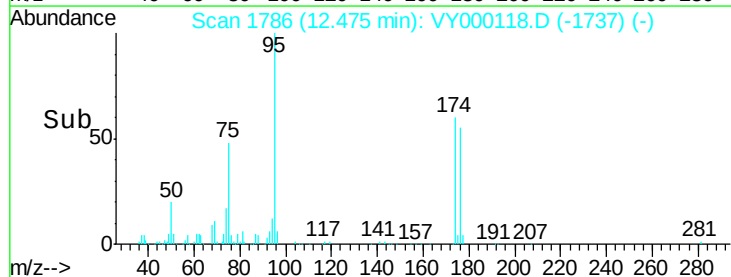
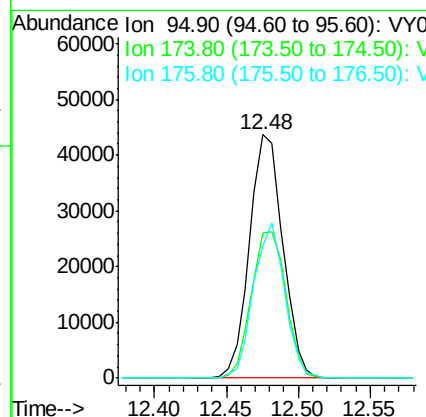
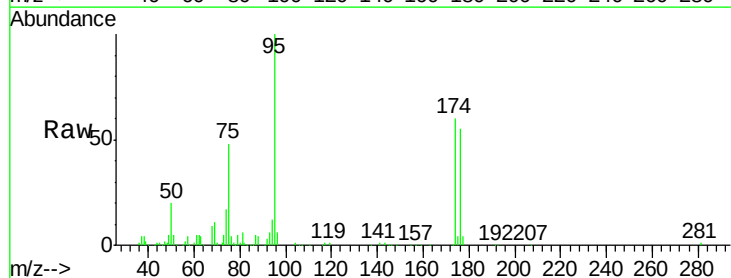
Instrument :
MSVOA_Y
ClientSampled :
MG-EAST-SOIL

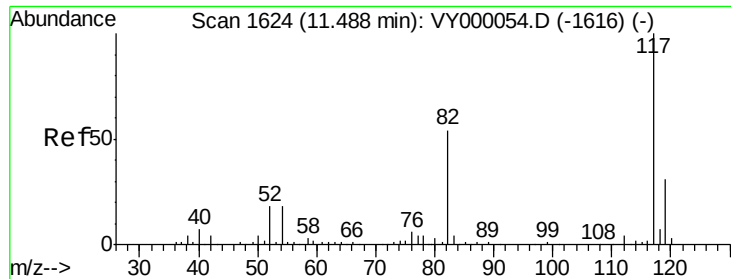
Tot Ion: 98 Resp: 215328
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.514 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion: 95 Resp: 69870
Ion Ratio Lower Upper
95 100
174 62.2 0.0 137.2
176 59.2 0.0 135.0

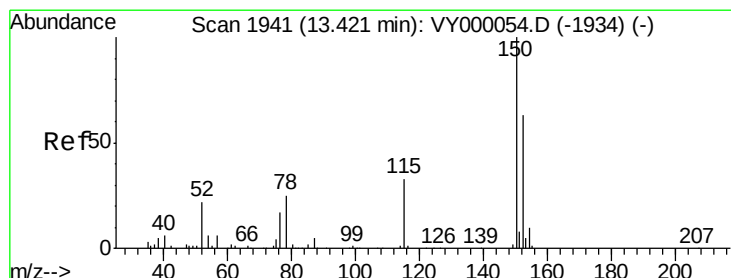
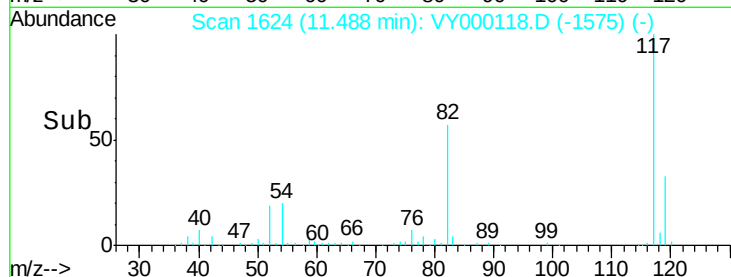
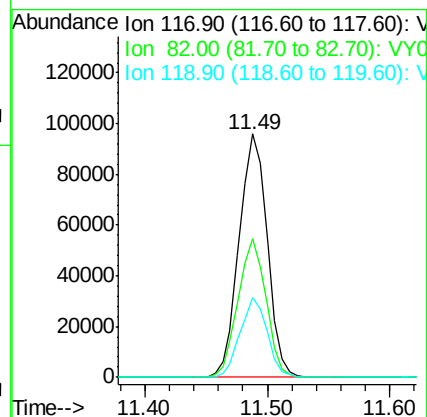
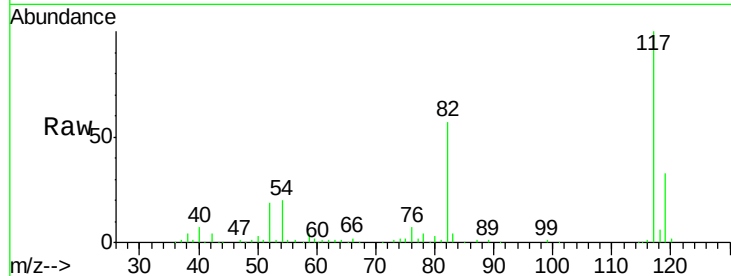




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000118.D
Acq: 20 Sep 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :
MG-EAST-SOIL

Tot Ion:117 Resp: 152582
Ion Ratio Lower Upper
117 100
82 56.8 43.5 65.3
119 32.6 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: VY000118.D
Acq: 20 Sep 2019 19:11

Tgt Ion:152 Resp: 56631
Ion Ratio Lower Upper
152 100
115 62.5 30.7 92.1
150 159.1 0.0 351.6

