

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000117.D
 Acq On : 20 Sep 2019 18:47
 Operator : SY/MD
 Sample : K4938-02
 Misc : 5.07g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-NW-SOIL

Quant Time: Sep 21 00:54:07 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

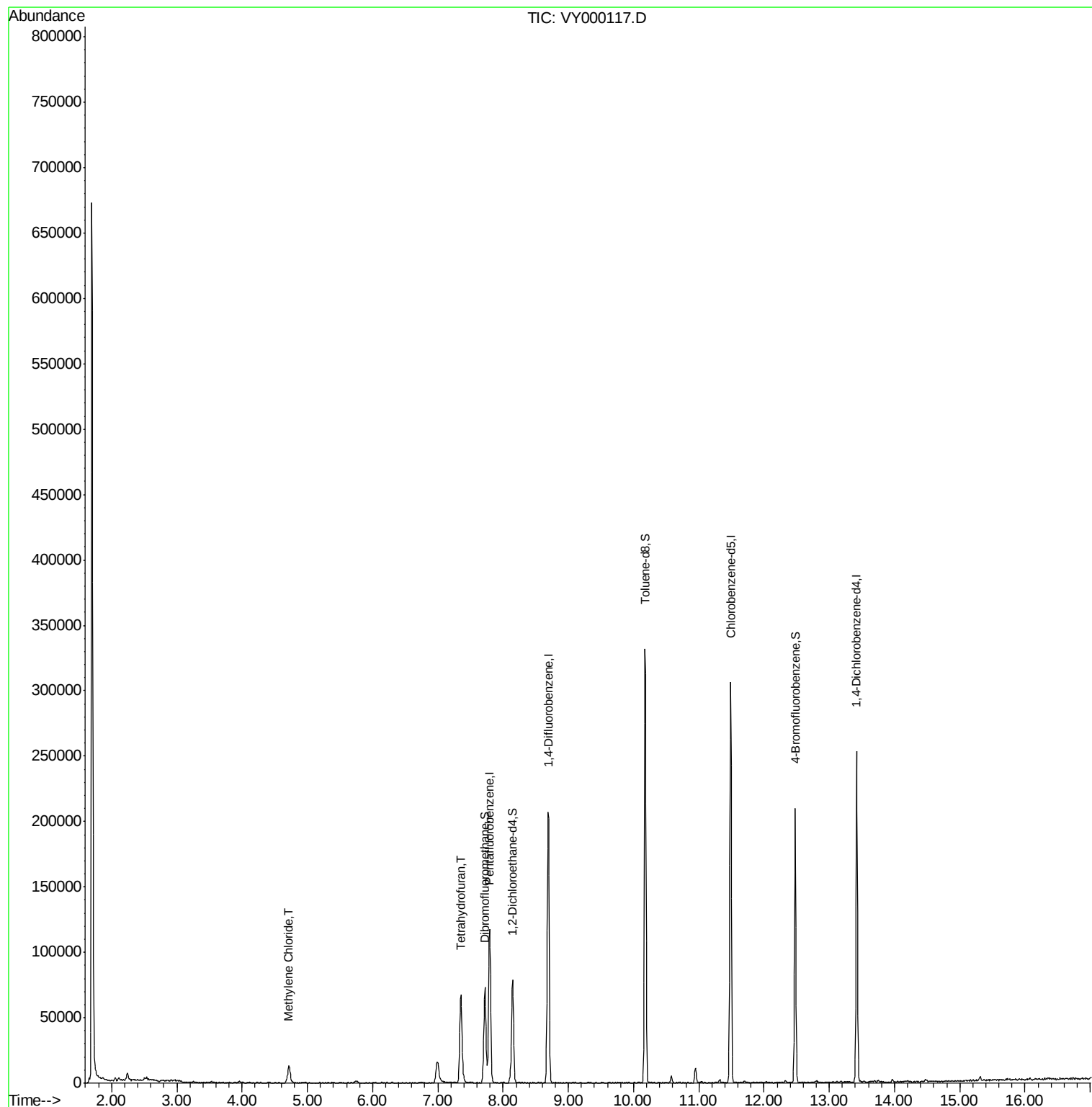
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	84771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	180370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	154138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	52919	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.72	113	53019	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	10.18	98	217970	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.48	95	71000	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
20) Methylene Chloride	4.71	84	9382	8.783	ug/l	97
29) Tetrahydrofuran	7.35	42	52001	210.603	ug/l	99

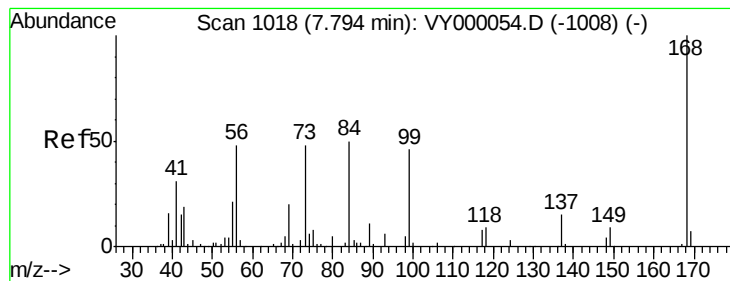
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000117.D

Acq: 20 Sep 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

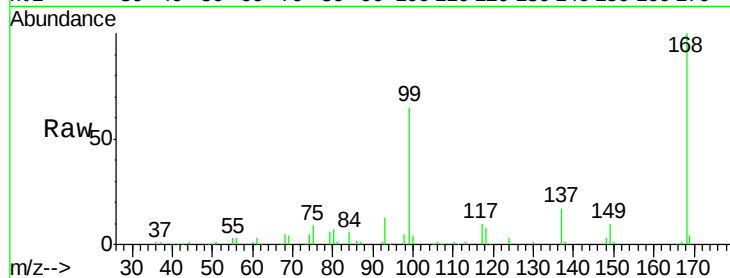
MG-NW-SOIL

Tot Ion:168 Resp: 84771

Ion Ratio Lower Upper

168 100

99 65.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000117.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000117.D (-969) (-)

7.79

40000

30000

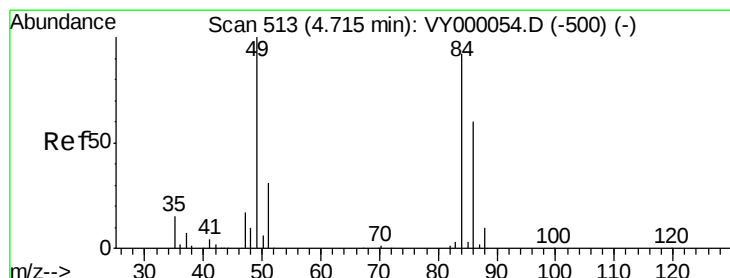
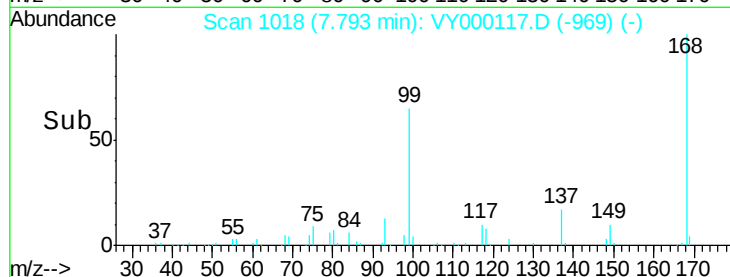
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#20

Methylene Chloride

Concen: 8.783 ug/l

RT: 4.71 min Scan# 513

Delta R.T. -0.00 min

Lab File: VY000117.D

Acq: 20 Sep 2019 18:47

Tgt Ion: 84 Resp: 9382

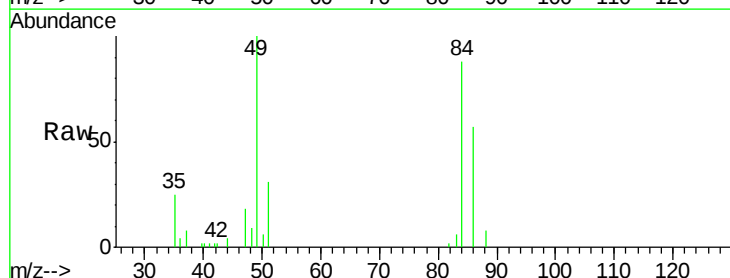
Ion Ratio Lower Upper

84 100

49 113.3 87.4 131.0

51 35.1 27.2 40.8

86 64.3 52.8 79.2



Abundance Ion 83.90 (83.60 to 84.60): VY000117.D (-464) (-)

Ion 48.90 (48.60 to 49.60): VY000117.D (-464) (-)

Ion 50.90 (50.60 to 51.60): VY000117.D (-464) (-)

Ion 85.90 (85.60 to 86.60): VY000117.D (-464) (-)

4.71

5000

4000

3000

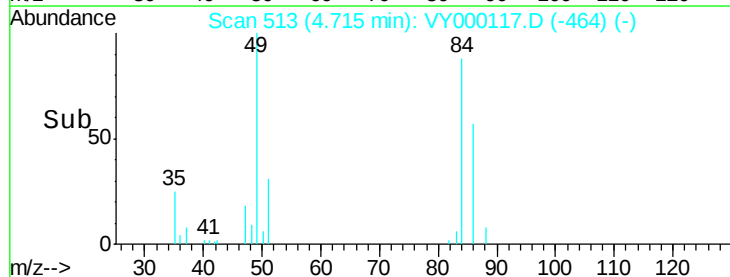
2000

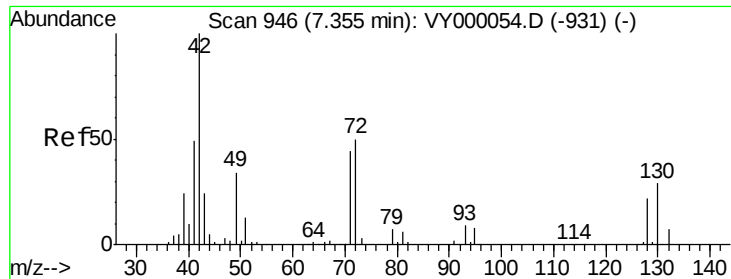
1000

0

4.60 4.65 4.70 4.75 4.80

Time-->

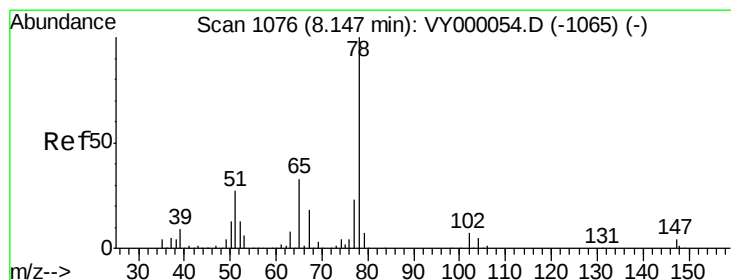
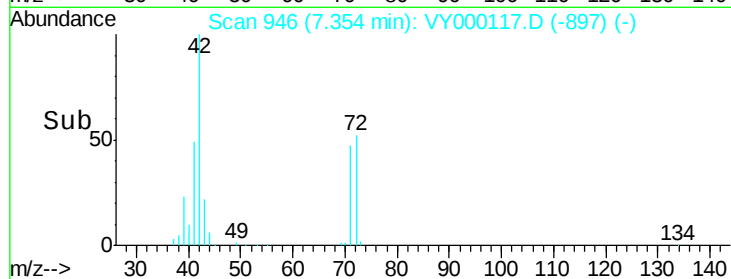
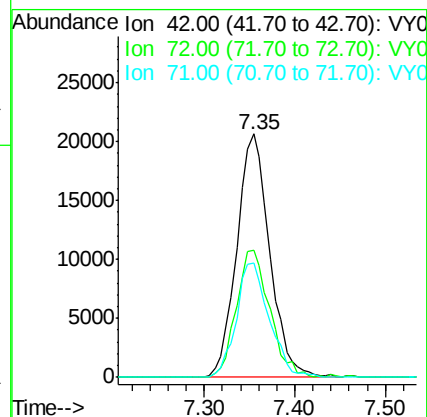
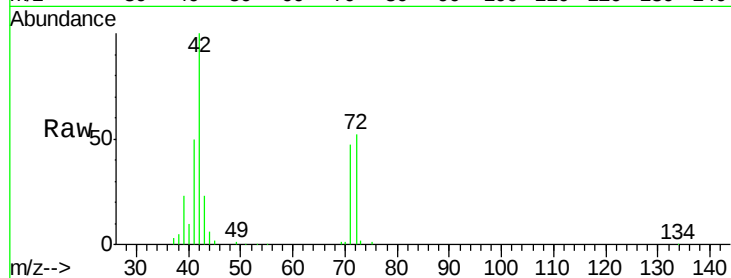




#29
Tetrahydrofuran
Concen: 210.603 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

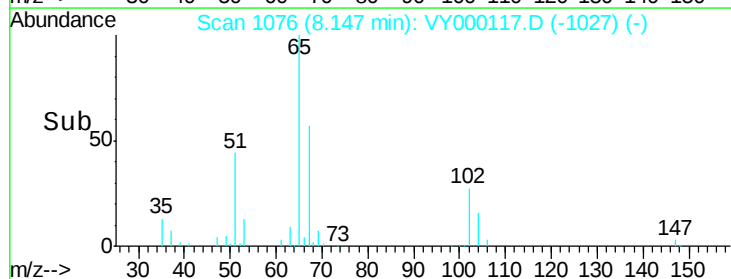
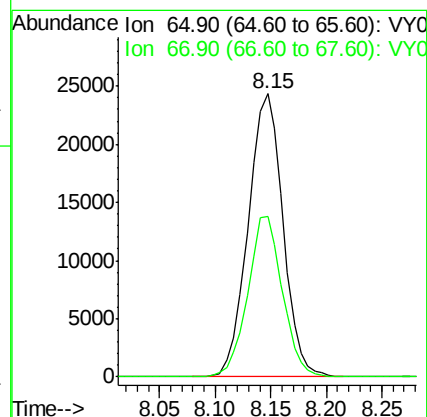
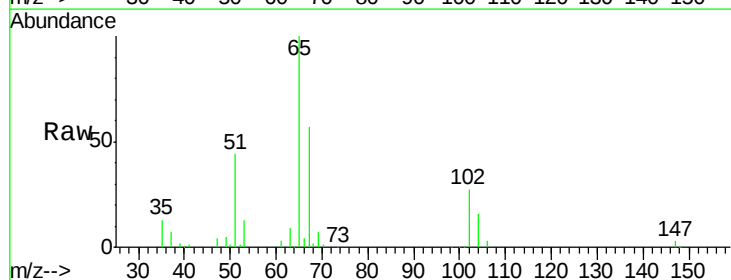
Instrument :
MSVOA_Y
ClientSampled :
MG-NW-SOIL

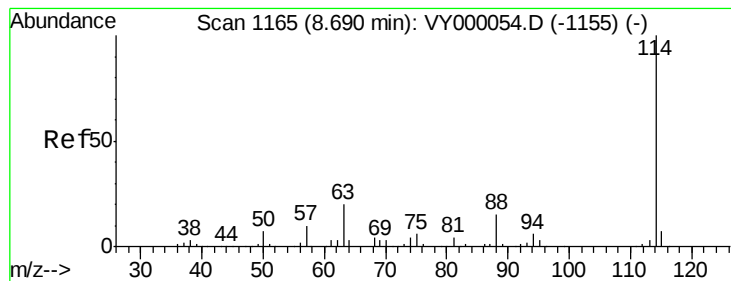
Tot Ion: 42 Resp: 52001
Ion Ratio Lower Upper
42 100
72 52.9 41.8 62.6
71 47.1 38.6 58.0



#33
1,2-Dichloroethane-d4
Concen: 54.259 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

Tgt Ion: 65 Resp: 52919
Ion Ratio Lower Upper
65 100
67 56.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VY000117.D

Acq: 20 Sep 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

MG-NW-SOIL

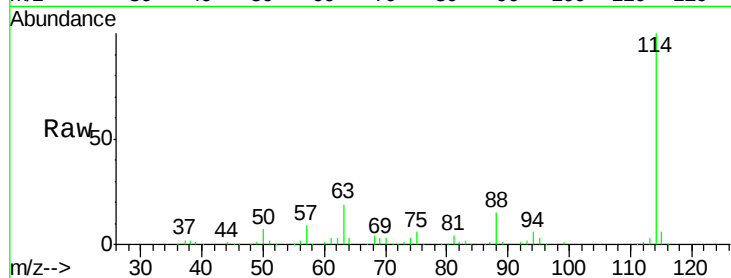
Tot Ion:114 Resp: 180370

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

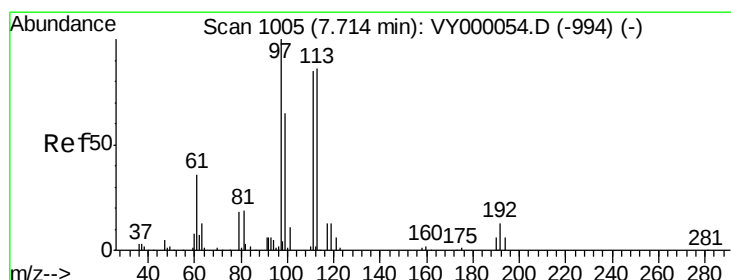
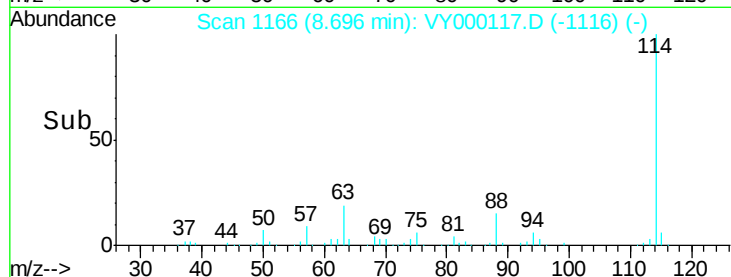
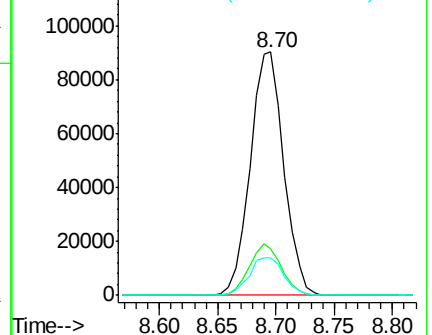
88 15.2 0.0 30.2



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: 48.548 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000117.D

Acq: 20 Sep 2019 18:47

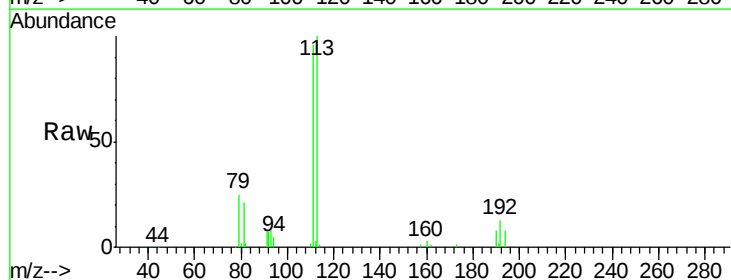
Tgt Ion:113 Resp: 53019

Ion Ratio Lower Upper

113 100

111 99.3 81.7 122.5

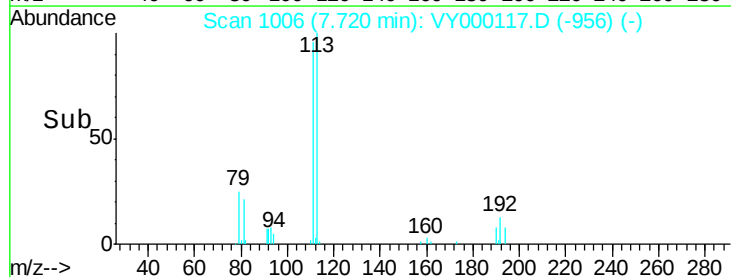
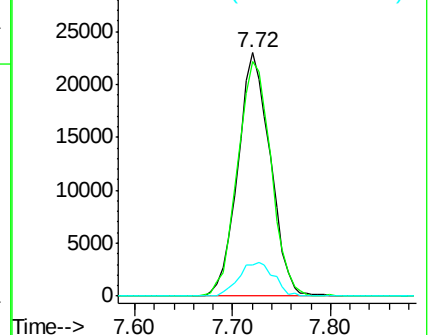
192 15.0 13.4 20.2

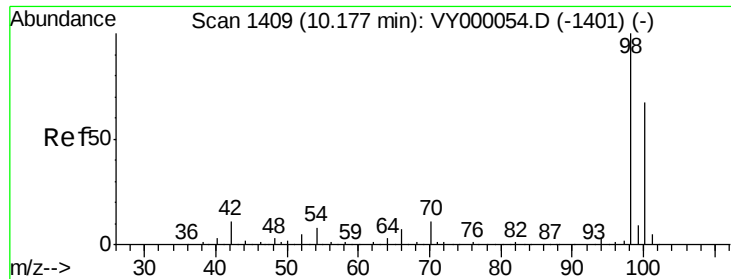


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

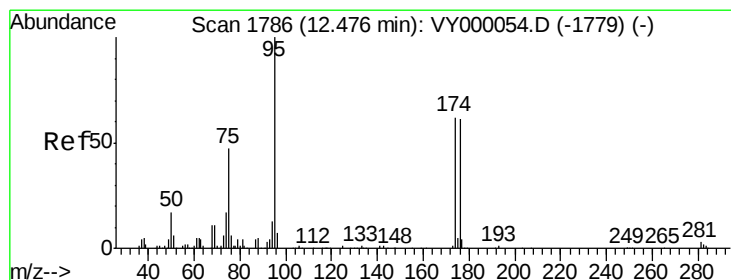
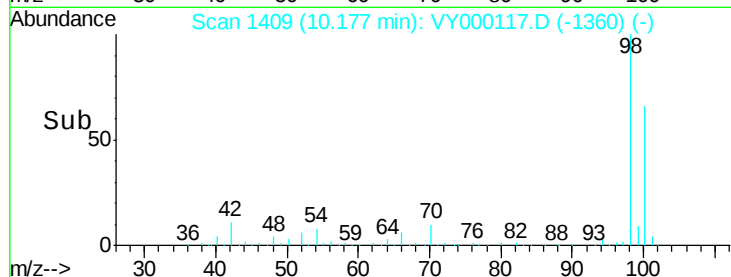
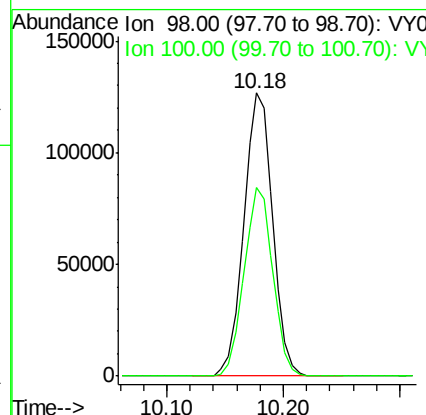
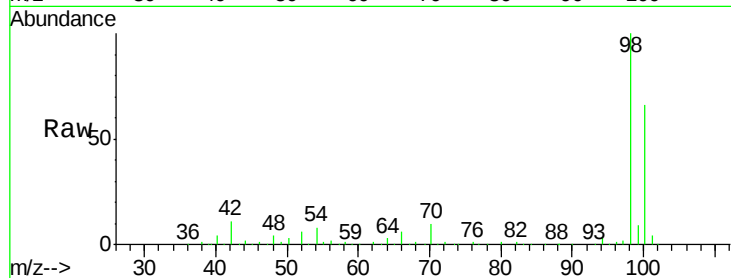




#50
Toluene-d8
Concen: 50.816 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

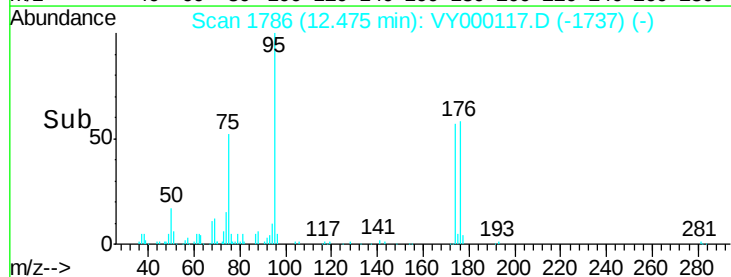
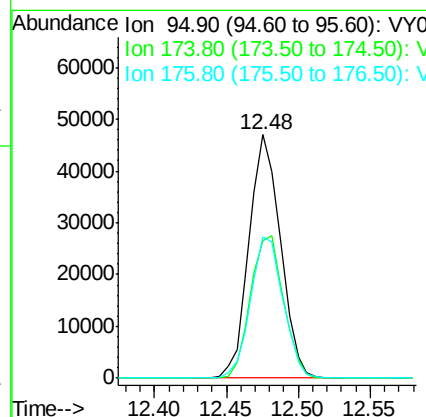
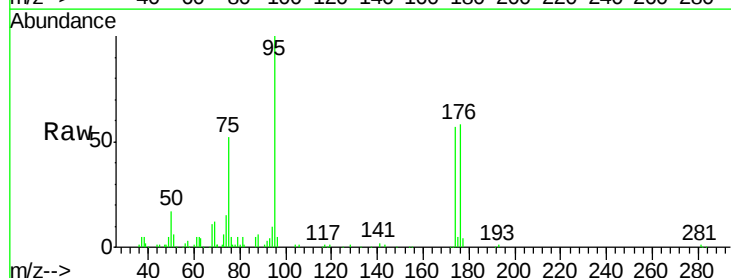
Instrument :
MSVOA_Y
ClientSampleId :
MG-NW-SOIL

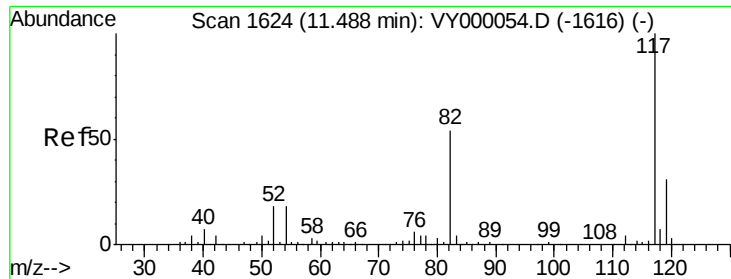
Tot Ion: 98 Resp: 217970
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

Tgt Ion: 95 Resp: 71000
Ion Ratio Lower Upper
95 100
174 61.1 0.0 137.2
176 60.0 0.0 135.0

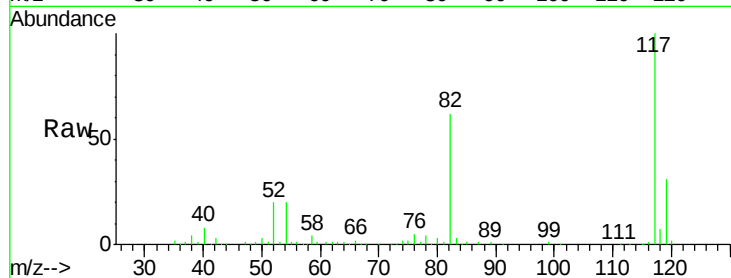




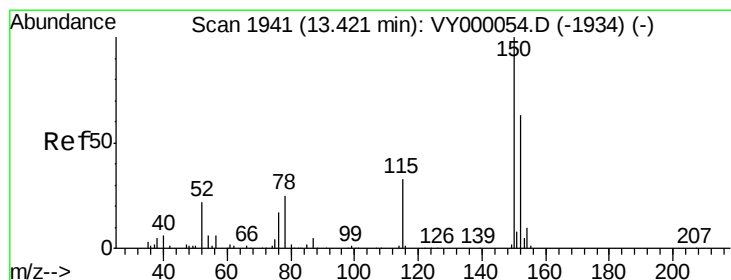
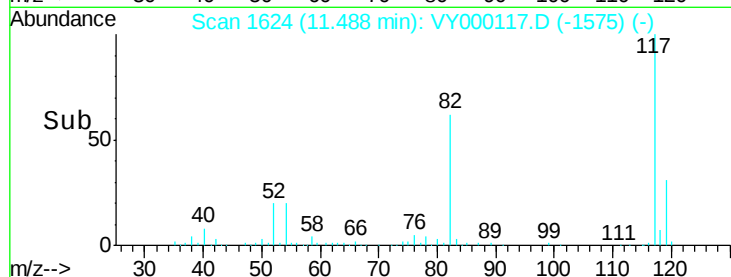
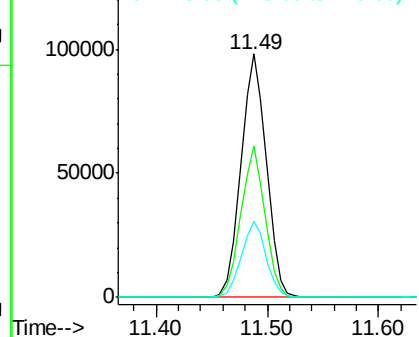
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

Instrument :
MSVOA_Y
ClientSampleId :
MG-NW-SOIL

Tot Ion:117 Resp: 154138
Ion Ratio Lower Upper
117 100
82 62.4 43.5 65.3
119 31.2 24.6 36.8

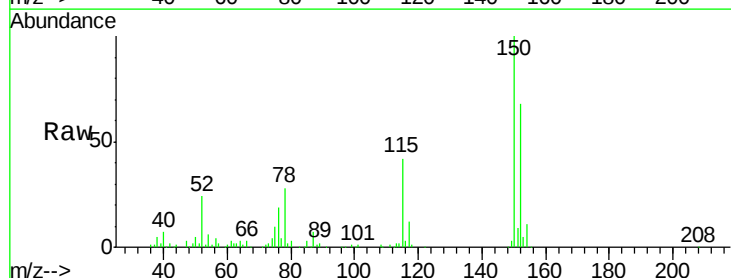


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000117.D
Acq: 20 Sep 2019 18:47

Tgt Ion:152 Resp: 57803
Ion Ratio Lower Upper
152 100
115 64.6 30.7 92.1
150 159.9 0.0 351.6



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

