

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000116.D
 Acq On : 20 Sep 2019 18:24
 Operator : SY/MD
 Sample : K4938-01
 Misc : 5.05g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-SE-SOIL

Quant Time: Sep 21 00:52:10 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

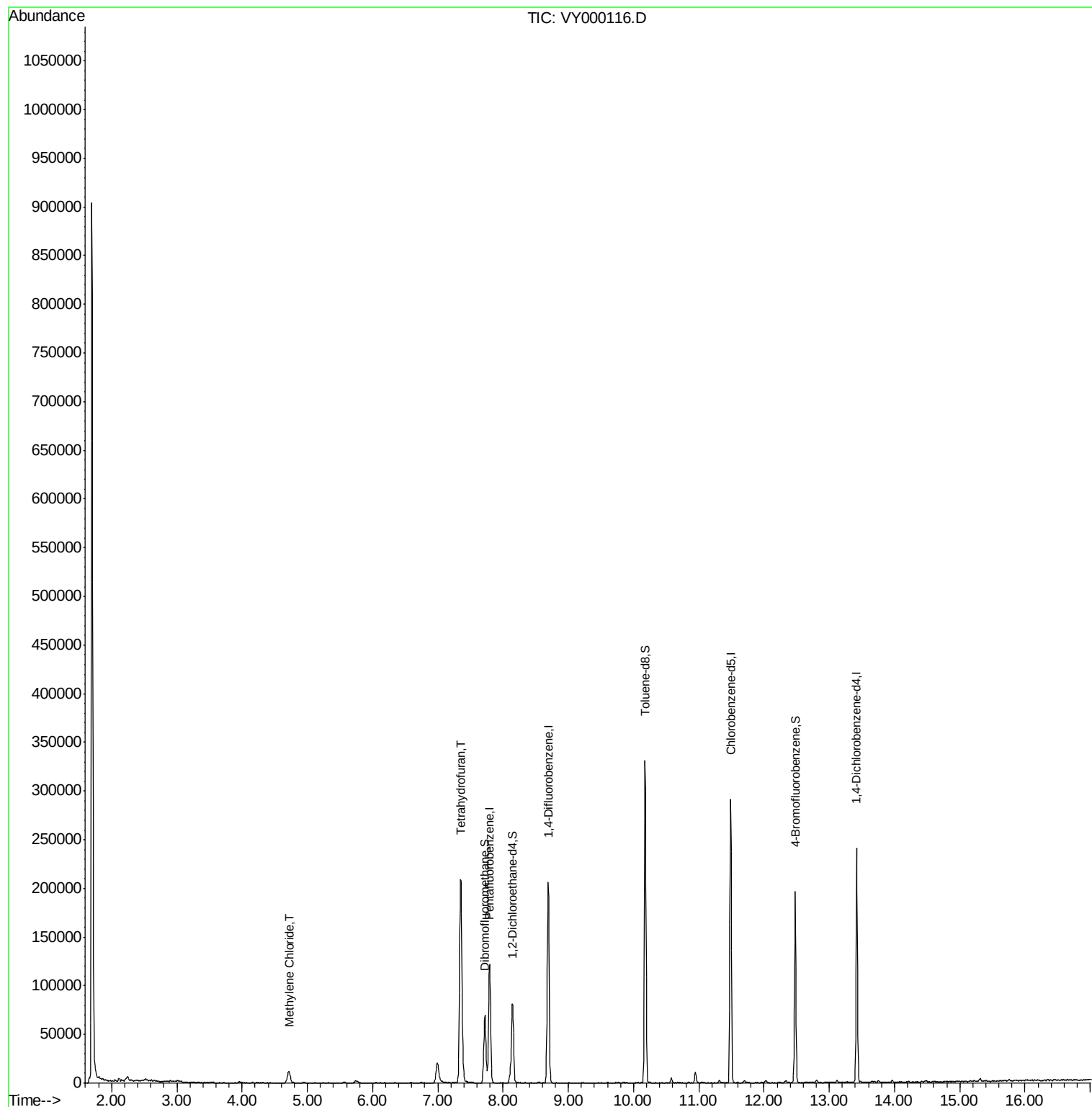
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	82677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	177780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	150334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	52894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	55432	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
35) Dibromofluoromethane	7.72	113	51119	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.18	98	215740	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	66273	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	
Target Compounds						
20) Methylene Chloride	4.71	84	9120	8.754	ug/l #	78
29) Tetrahydrofuran	7.35	42	164593	683.480	ug/l	100

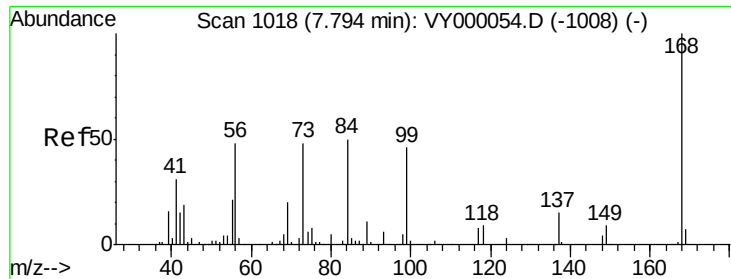
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 05:38:39 2019
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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: VY000116.D

Acq: 20 Sep 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

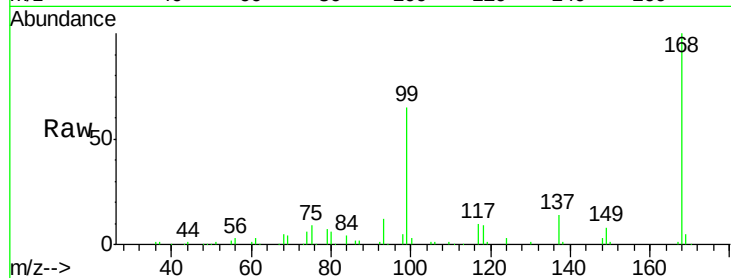
MG-SE-SOIL

Tot Ion:168 Resp: 82677

Ion Ratio Lower Upper

168 100

99 64.5 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) (-)

7.79

40000

30000

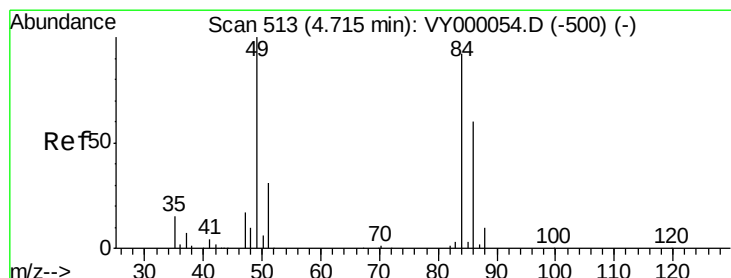
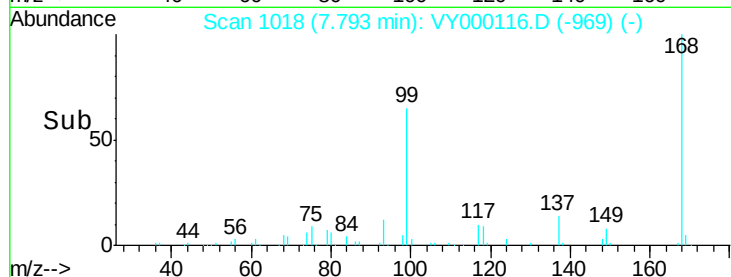
20000

10000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 8.754 ug/l

RT: 4.71 min Scan# 513

Delta R.T. -0.00 min

Lab File: VY000116.D

Acq: 20 Sep 2019 18:24

Tgt Ion: 84 Resp: 9120

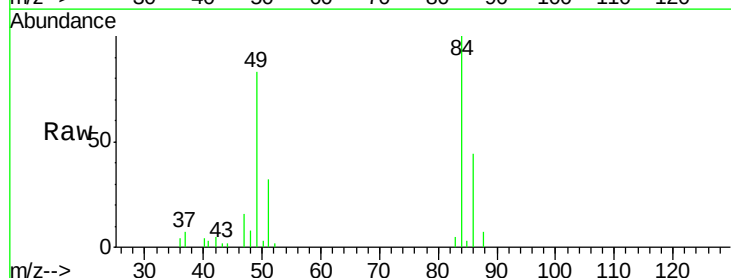
Ion Ratio Lower Upper

84 100

49 82.8 87.4 131.0#

51 31.5 27.2 40.8

86 44.4 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) (-)

4.71

5000

4000

3000

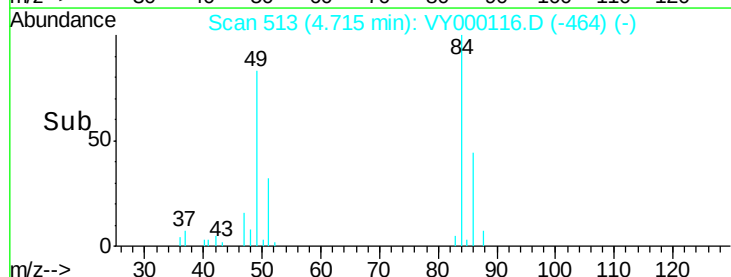
2000

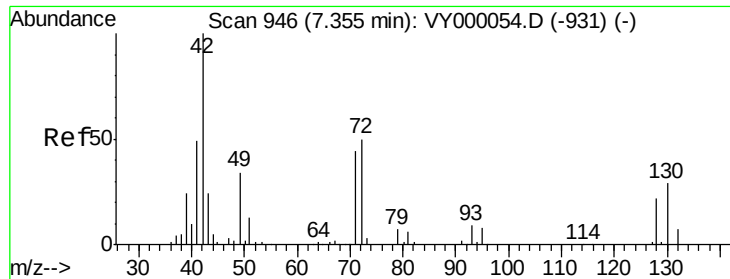
1000

0

4.60 4.65 4.70 4.75 4.80

Time-->

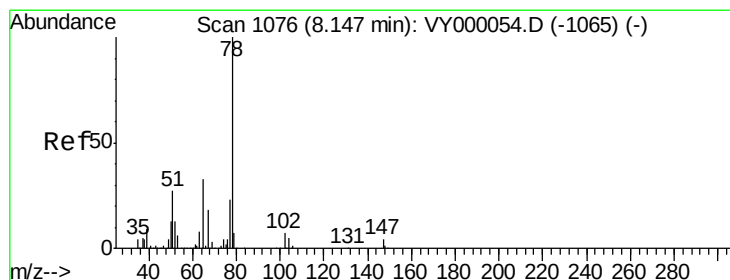
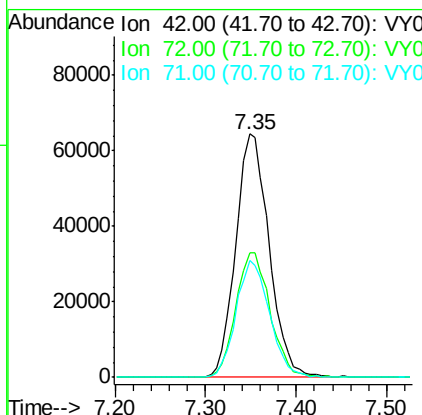
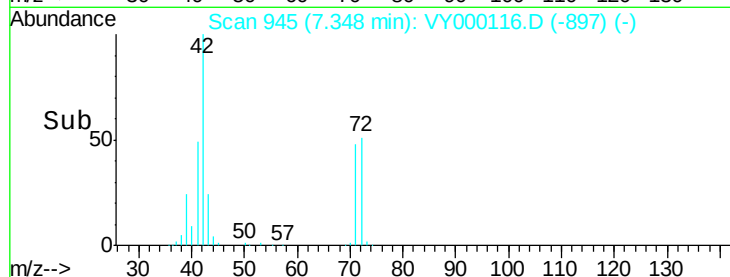
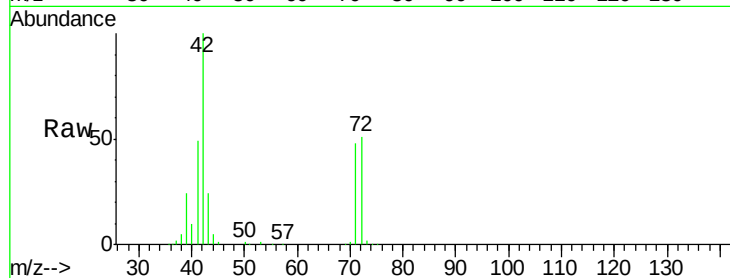




#29
Tetrahydrofuran
Concen: 683.480 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

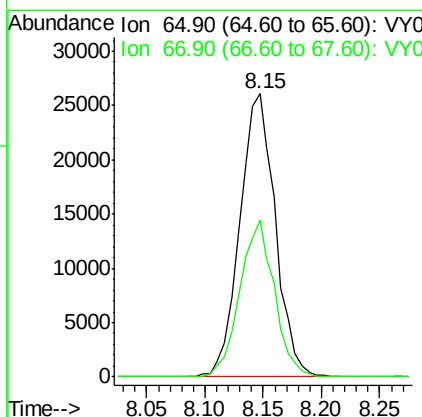
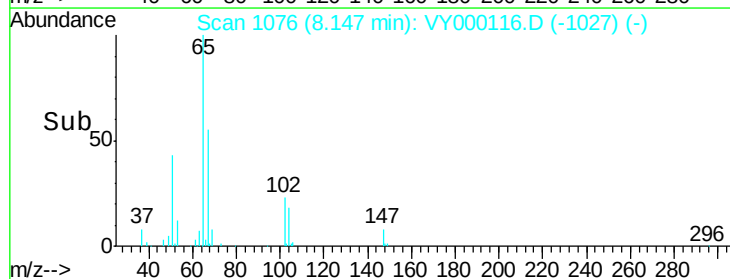
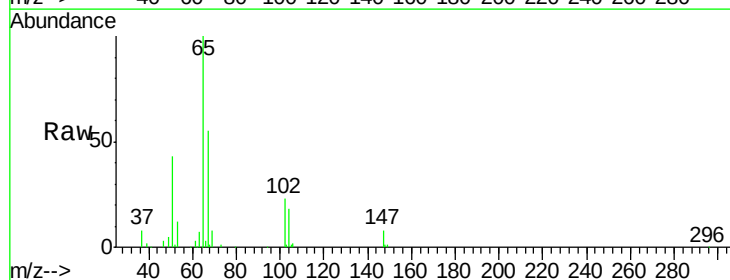
Instrument :
MSVOA_Y
ClientSampled :
MG-SE-SOIL

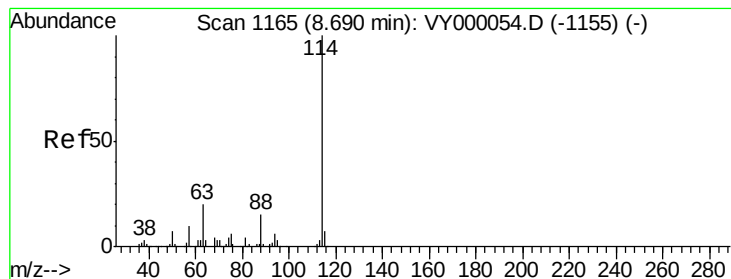
Tot Ion: 42 Resp: 164593
Ion Ratio Lower Upper
42 100
72 52.8 41.8 62.6
71 48.3 38.6 58.0



#33
1,2-Dichloroethane-d4
Concen: 58.275 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 65 Resp: 55432
Ion Ratio Lower Upper
65 100
67 53.8 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: VY000116.D

Acq: 20 Sep 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MG-SE-SOIL

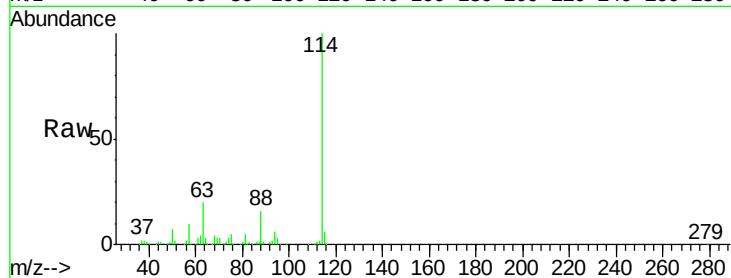
Tot Ion:114 Resp: 177780

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

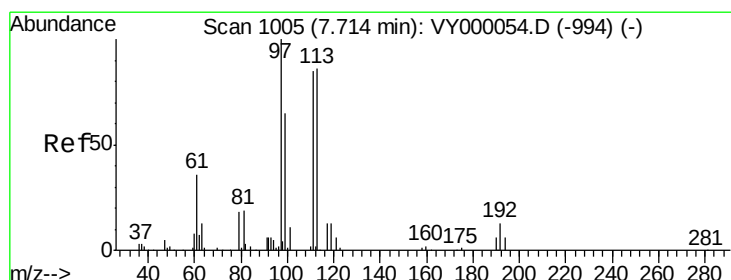
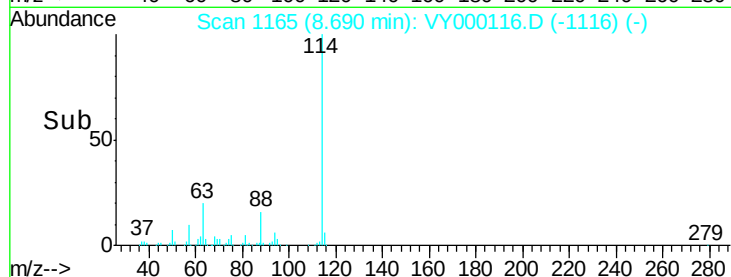
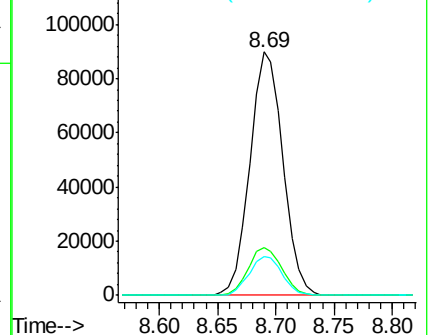
88 16.0 0.0 30.2



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: 47.490 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000116.D

Acq: 20 Sep 2019 18:24

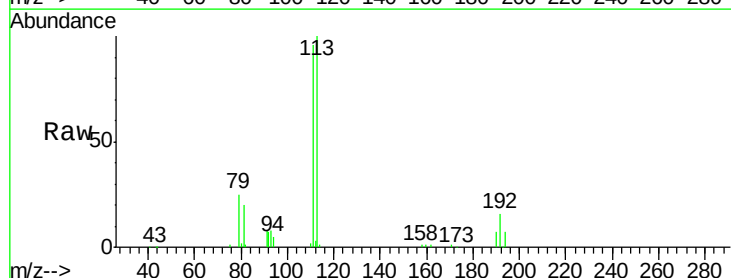
Tgt Ion:113 Resp: 51119

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

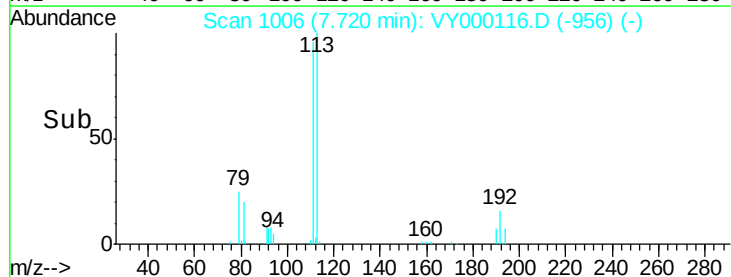
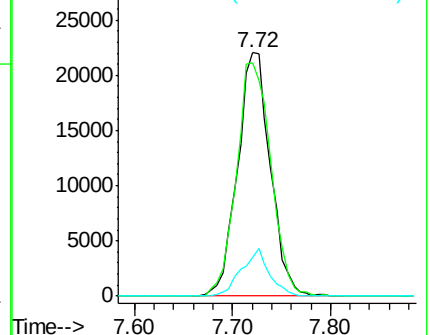
192 16.5 13.4 20.2

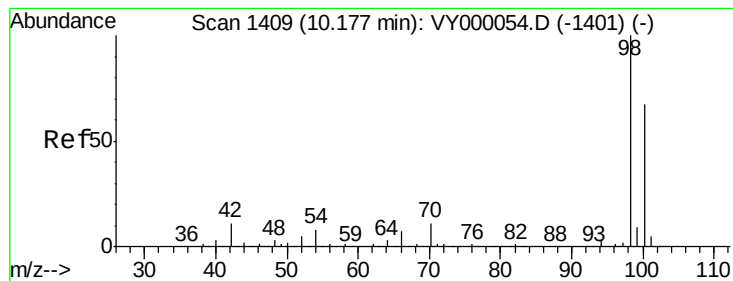


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.029 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000116.D

Acq: 20 Sep 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

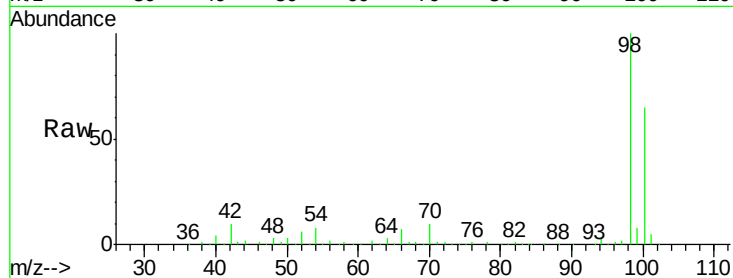
MG-SE-SOIL

Tot Ion: 98 Resp: 215740

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY000054.D (-1401) (-)

Ion 100.00 (99.70 to 100.70): VY000054.D (-1401) (-)

10.18

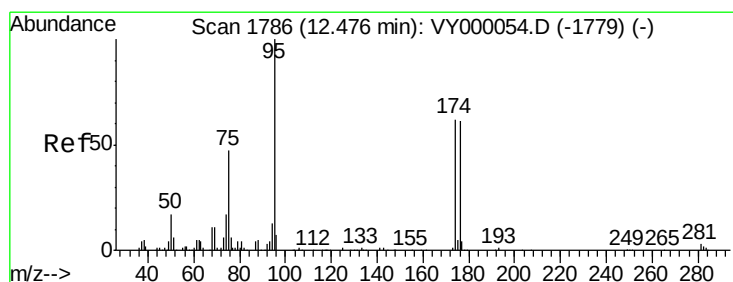
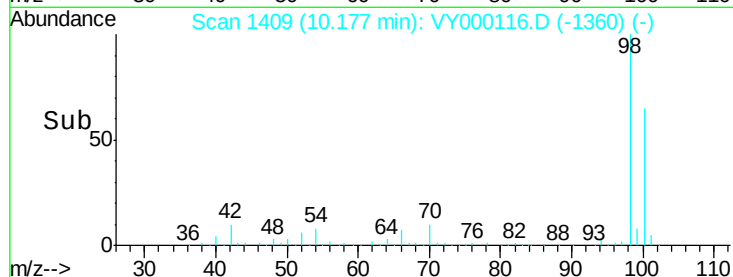
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.221 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000116.D

Acq: 20 Sep 2019 18:24

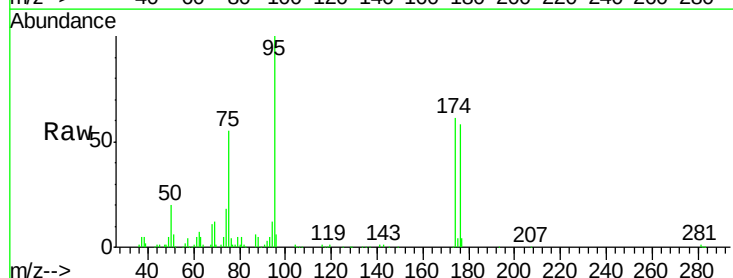
Tgt Ion: 95 Resp: 66273

Ion Ratio Lower Upper

95 100

174 61.2 0.0 137.2

176 60.7 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY000054.D (-1779) (-)

Ion 173.80 (173.50 to 174.50): VY000054.D (-1779) (-)

Ion 175.80 (175.50 to 176.50): VY000054.D (-1779) (-)

12.48

50000

40000

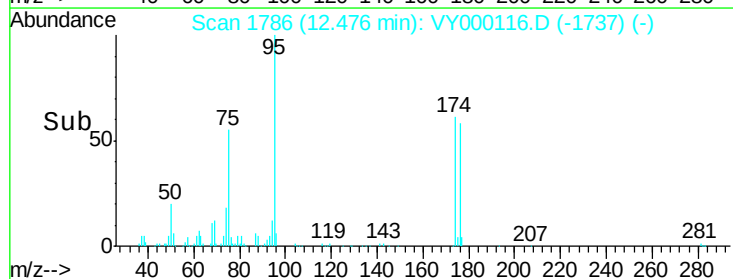
30000

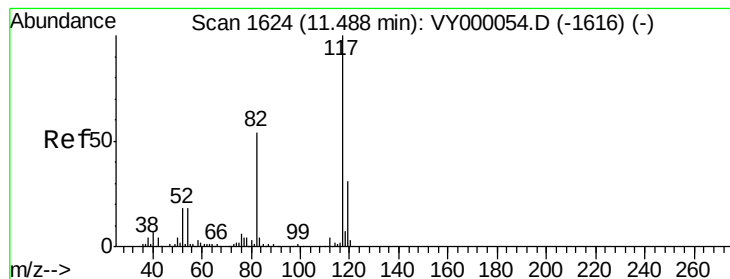
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000116.D

Acq: 20 Sep 2019 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MG-SE-SOIL

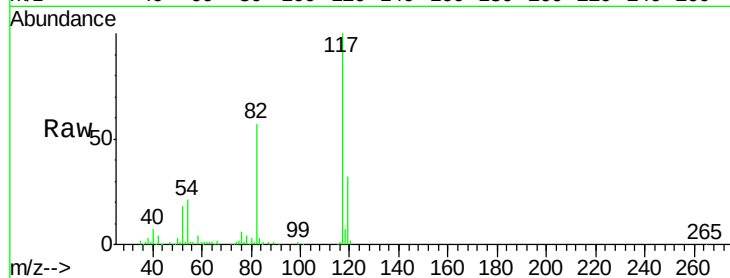
Tot Ion:117 Resp: 150334

Ion Ratio Lower Upper

117 100

82 57.4 43.5 65.3

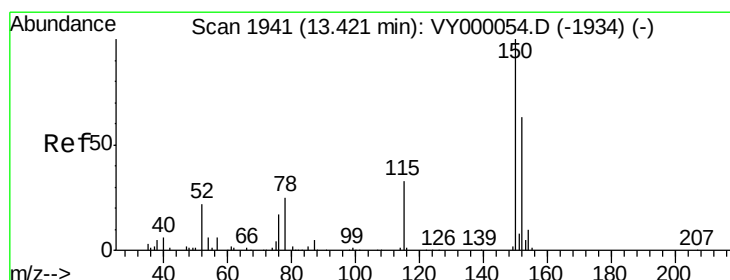
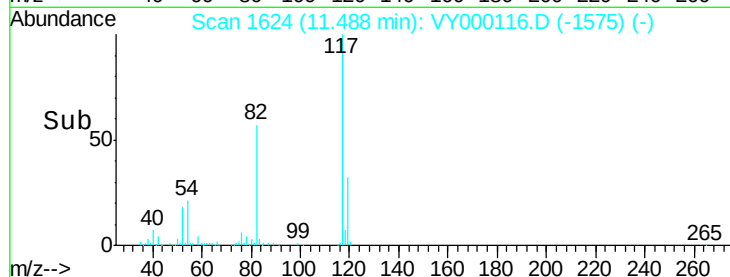
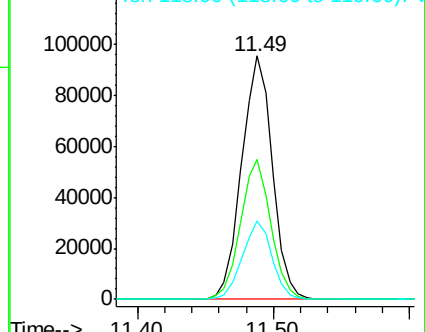
119 32.5 24.6 36.8



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: VY000116.D

Acq: 20 Sep 2019 18:24

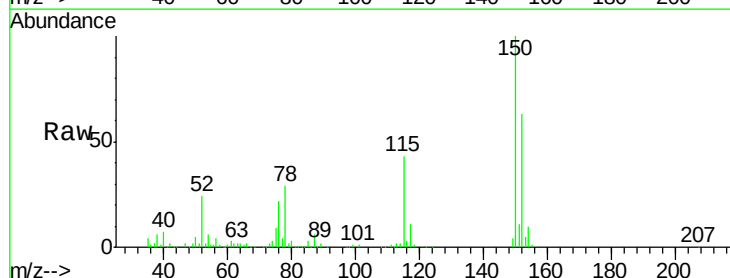
Tgt Ion:152 Resp: 52894

Ion Ratio Lower Upper

152 100

115 65.4 30.7 92.1

150 154.2 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

