

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000120.D
 Acq On : 20 Sep 2019 19:57
 Operator : SY/MD
 Sample : K4938-05
 Misc : 5.09g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-GAS-BOTTOM-SOIL

Quant Time: Sep 21 01:04:35 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

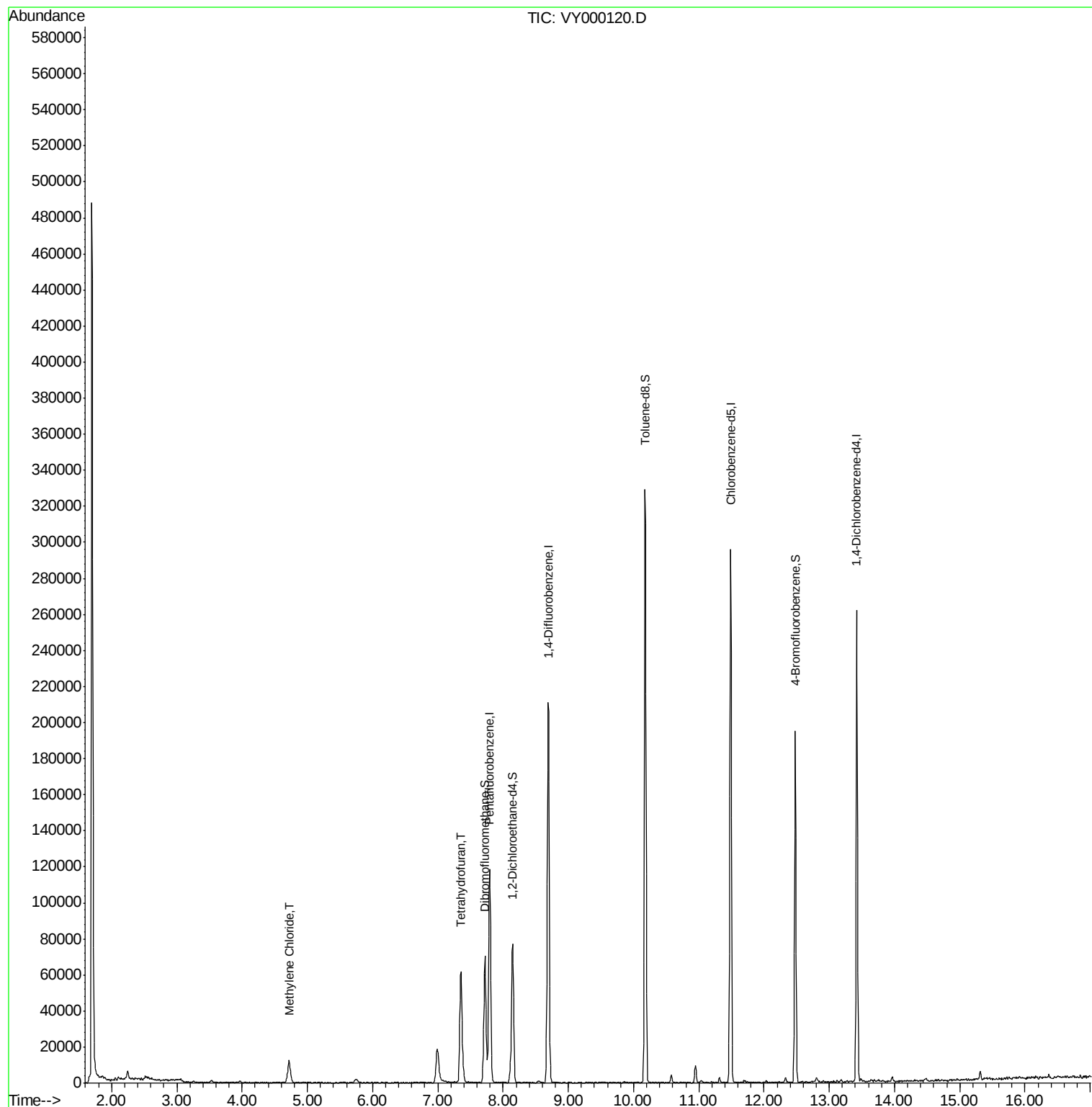
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	83838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	182529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	151298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	58079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	51714	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	7.72	113	49704	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
50) Toluene-d8	10.18	98	216008	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	68926	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
20) Methylene Chloride	4.72	84	8254	7.813	ug/l #	78
29) Tetrahydrofuran	7.35	42	48399	198.196	ug/l	98

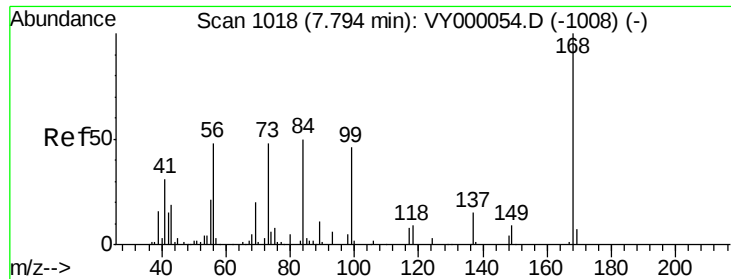
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
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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: VY000120.D

Acq: 20 Sep 2019 19:57

Instrument :

MSVOA_Y

ClientSampleId :

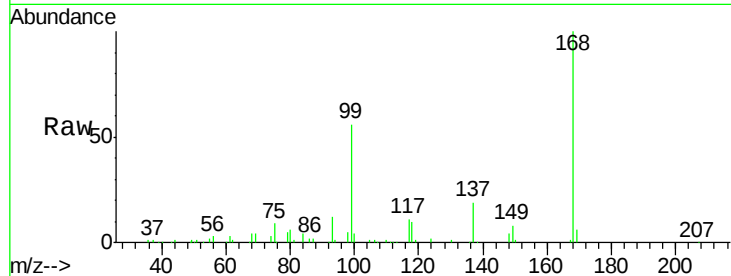
MG-GAS-BOTTOM-SOIL

Tot Ion:168 Resp: 83838

Ion Ratio Lower Upper

168 100

99 56.5 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000120.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000120.D (-969) (-)

7.79

40000

30000

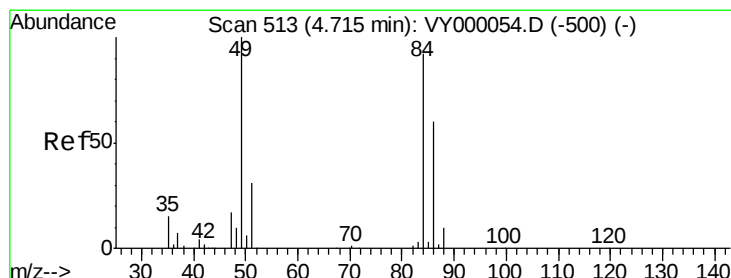
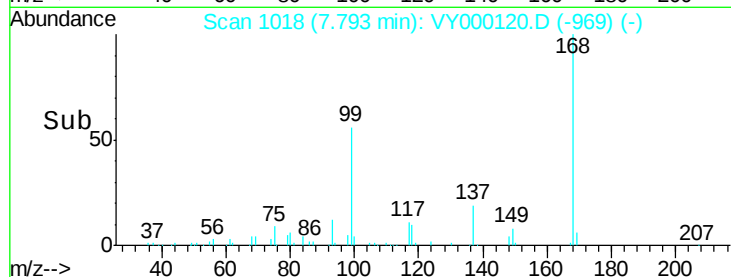
20000

10000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 7.813 ug/l

RT: 4.72 min Scan# 514

Delta R.T. 0.01 min

Lab File: VY000120.D

Acq: 20 Sep 2019 19:57

Tgt Ion: 84 Resp: 8254

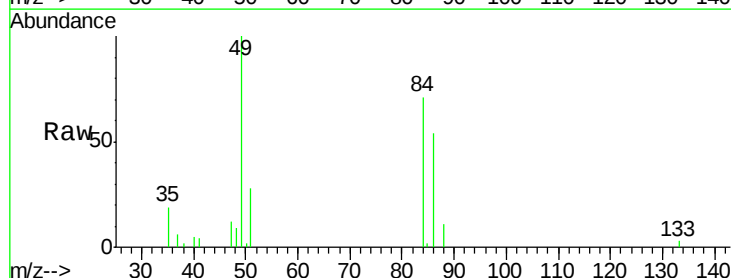
Ion Ratio Lower Upper

84 100

49 141.7 87.4 131.0#

51 39.1 27.2 40.8

86 77.2 52.8 79.2



Abundance Ion 83.90 (83.60 to 84.60): VY000120.D (-464) (-)

Ion 48.90 (48.60 to 49.60): VY000120.D (-464) (-)

Ion 50.90 (50.60 to 51.60): VY000120.D (-464) (-)

Ion 85.90 (85.60 to 86.60): VY000120.D (-464) (-)

4.72

6000

5000

4000

3000

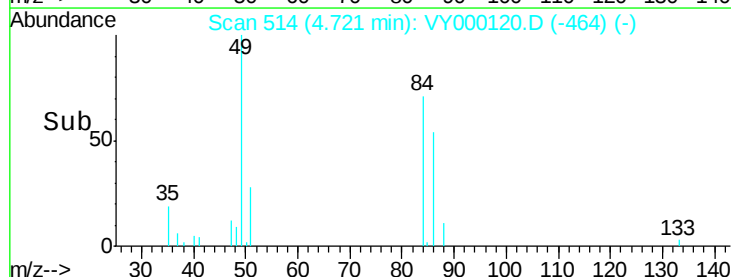
2000

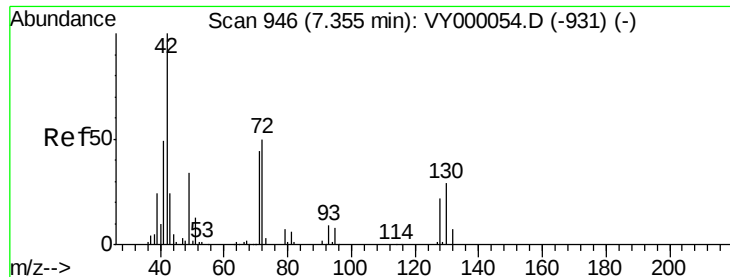
1000

0

4.60 4.65 4.70 4.75 4.80

Time-->

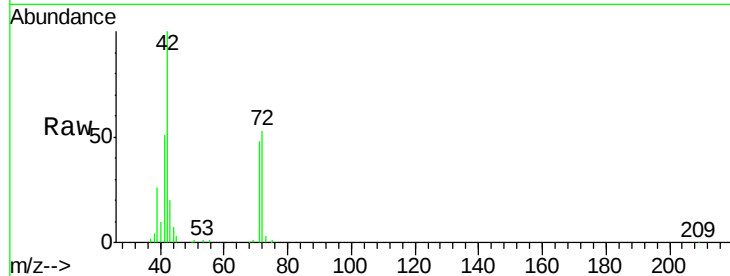




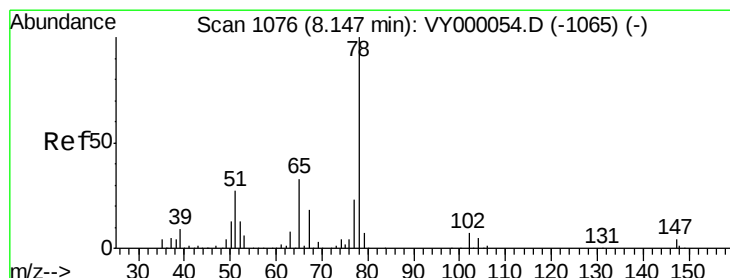
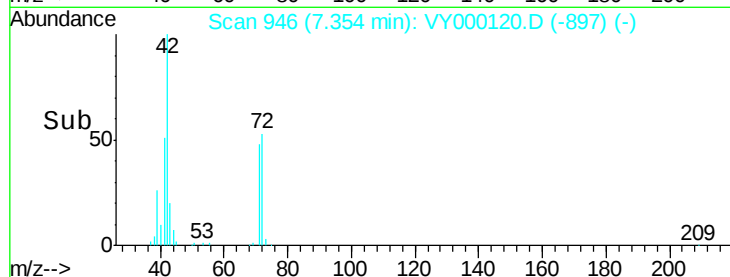
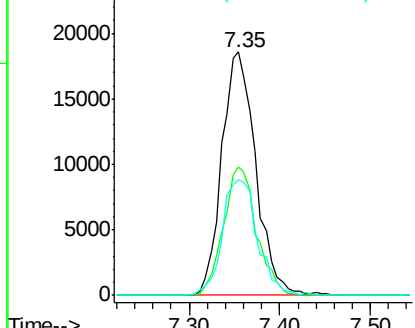
#29
Tetrahydrofuran
Concen: 198.196 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MG-GAS-BOTTOM-SOIL

Tot Ion: 42 Resp: 48399
Ion Ratio Lower Upper
42 100
72 51.2 41.8 62.6
71 49.3 38.6 58.0

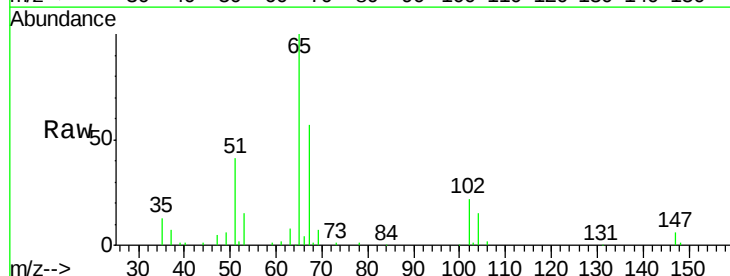


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

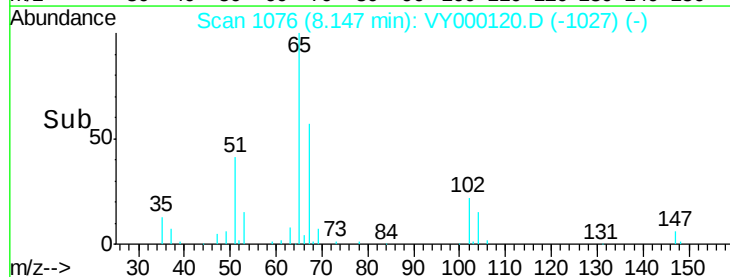
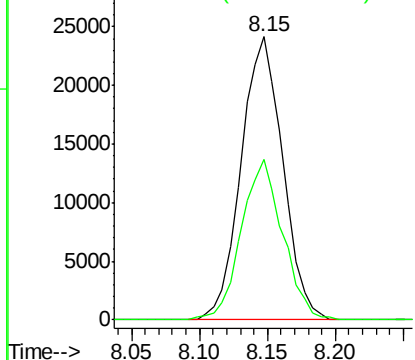


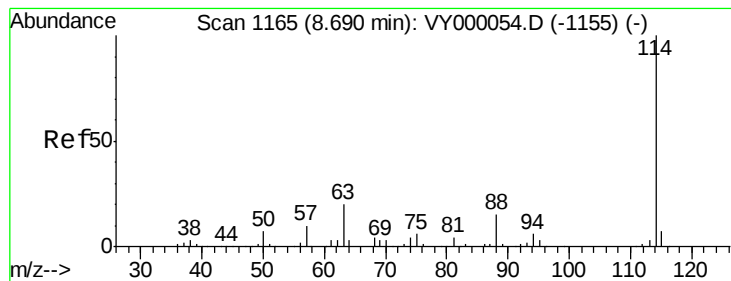
#33
1,2-Dichloroethane-d4
Concen: 53.614 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion: 65 Resp: 51714
Ion Ratio Lower Upper
65 100
67 56.3 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: VY000120.D

Acq: 20 Sep 2019 19:57

Instrument :

MSVOA_Y

ClientSampleId :

MG-GAS-BOTTOM-SOIL

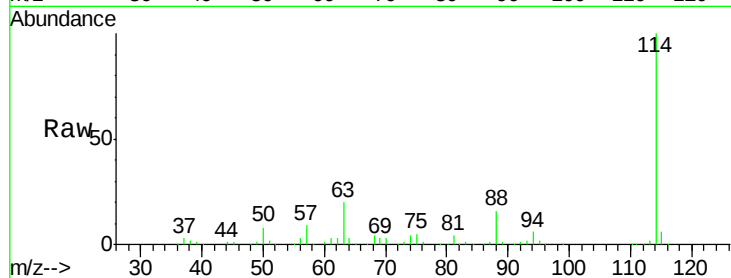
Tot Ion:114 Resp: 182529

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

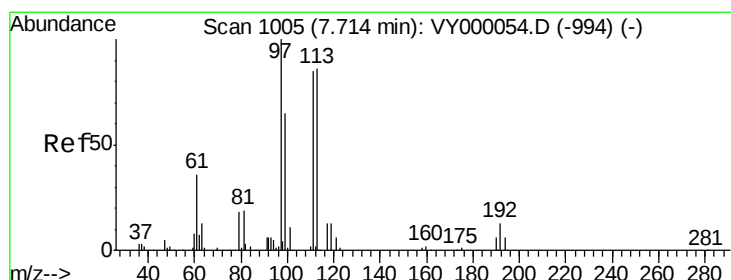
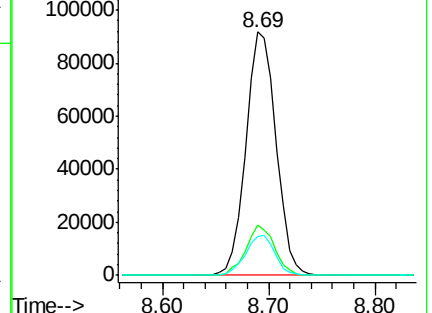
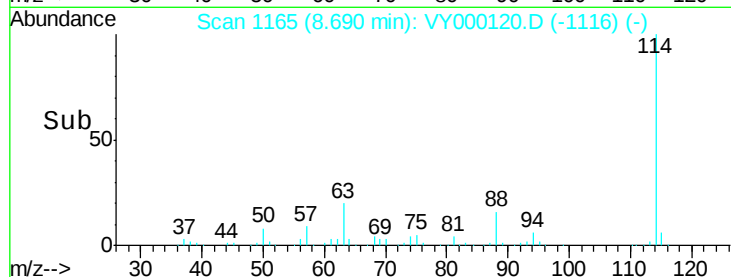
88 16.0 0.0 30.2



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: 44.974 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000120.D

Acq: 20 Sep 2019 19:57

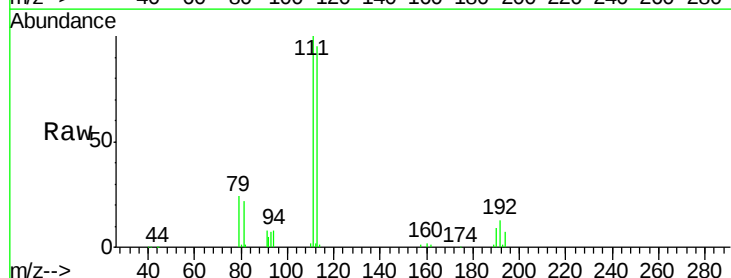
Tgt Ion:113 Resp: 49704

Ion Ratio Lower Upper

113 100

111 104.7 81.7 122.5

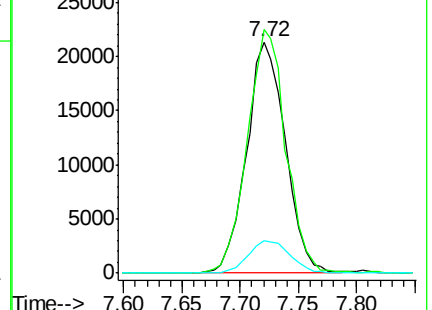
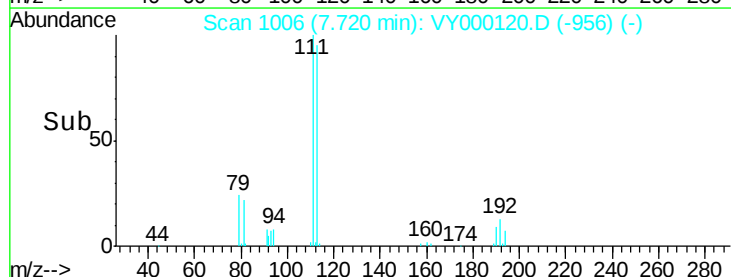
192 15.0 13.4 20.2

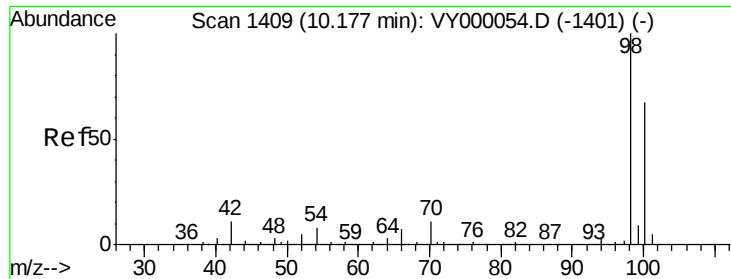


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.763 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000120.D

Acq: 20 Sep 2019 19:57

Instrument :

MSVOA_Y

ClientSampleId :

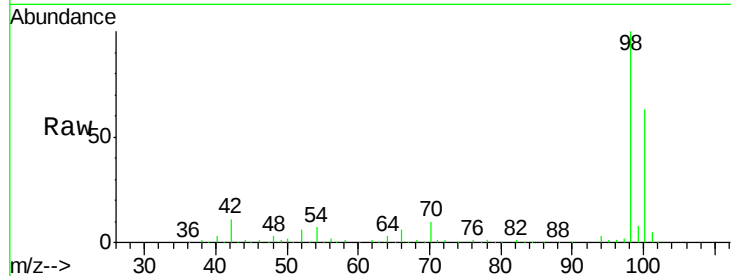
MG-GAS-BOTTOM-SOIL

Tot Ion: 98 Resp: 216008

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

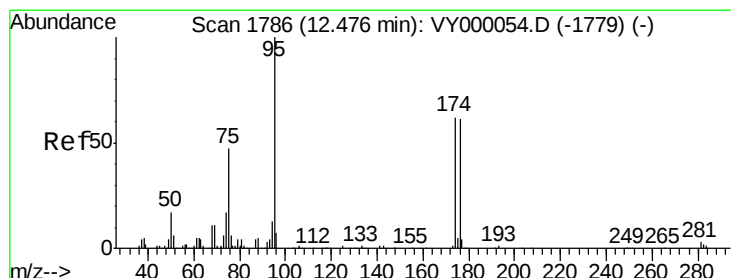
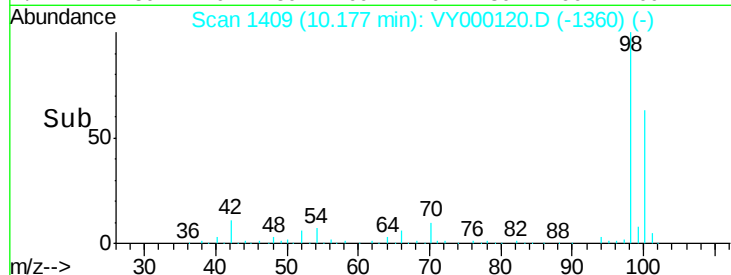
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.768 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000120.D

Acq: 20 Sep 2019 19:57

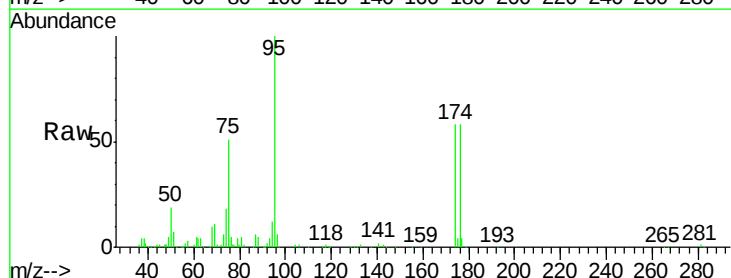
Tgt Ion: 95 Resp: 68926

Ion Ratio Lower Upper

95 100

174 62.0 0.0 137.2

176 60.0 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

12.48

60000

50000

40000

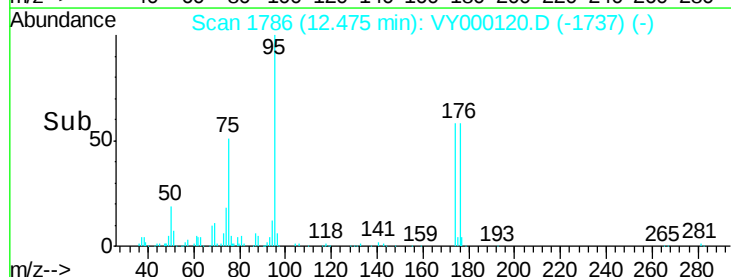
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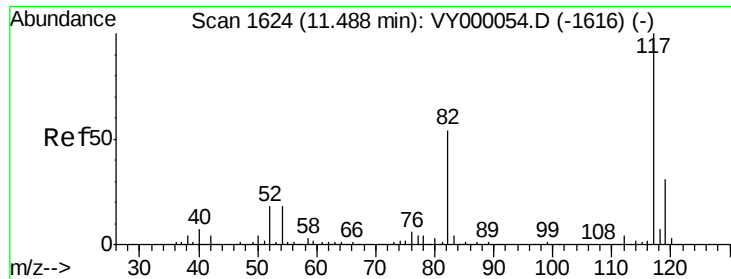
20000

10000

0

Time-->

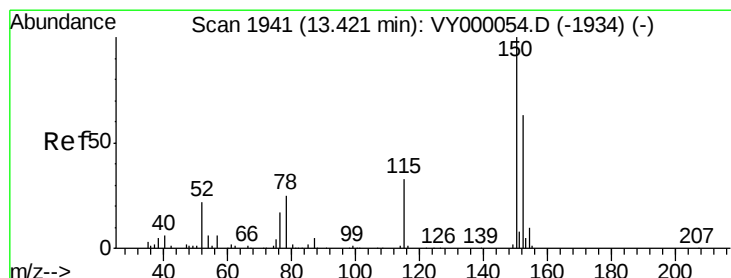
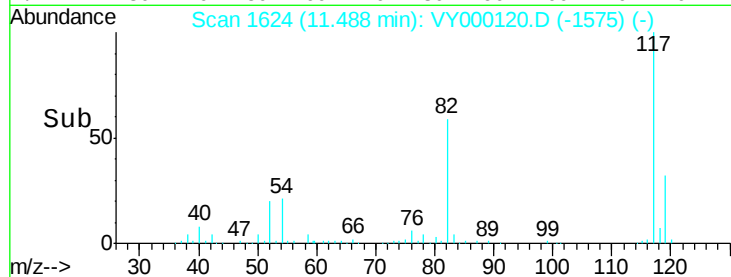
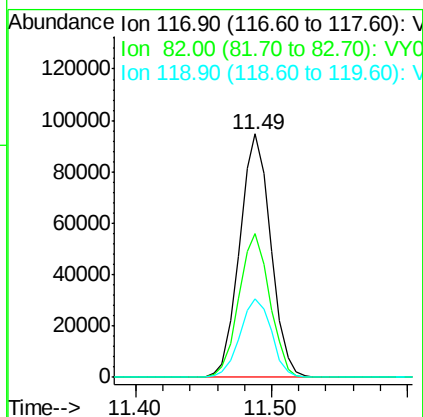
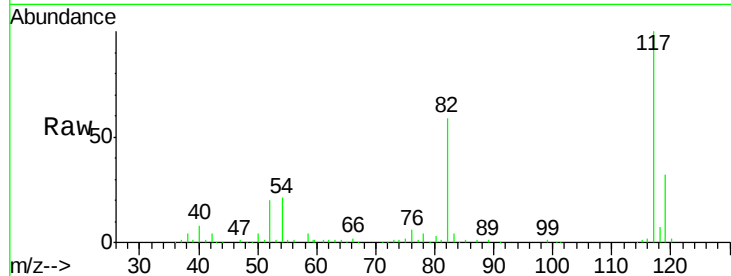




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000120.D
Acq: 20 Sep 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :
MG-GAS-BOTTOM-SOIL

Tot Ion:117 Resp: 151298
Ion Ratio Lower Upper
117 100
82 58.9 43.5 65.3
119 32.2 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: VY000120.D
Acq: 20 Sep 2019 19:57

Tgt Ion:152 Resp: 58079
Ion Ratio Lower Upper
152 100
115 63.9 30.7 92.1
150 157.7 0.0 351.6

