

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002399.D
 Acq On : 17 Apr 2020 15:12
 Operator : SY/MD
 Sample : L2271-07
 Misc : 3.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-8

Quant Time: Apr 18 07:07:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

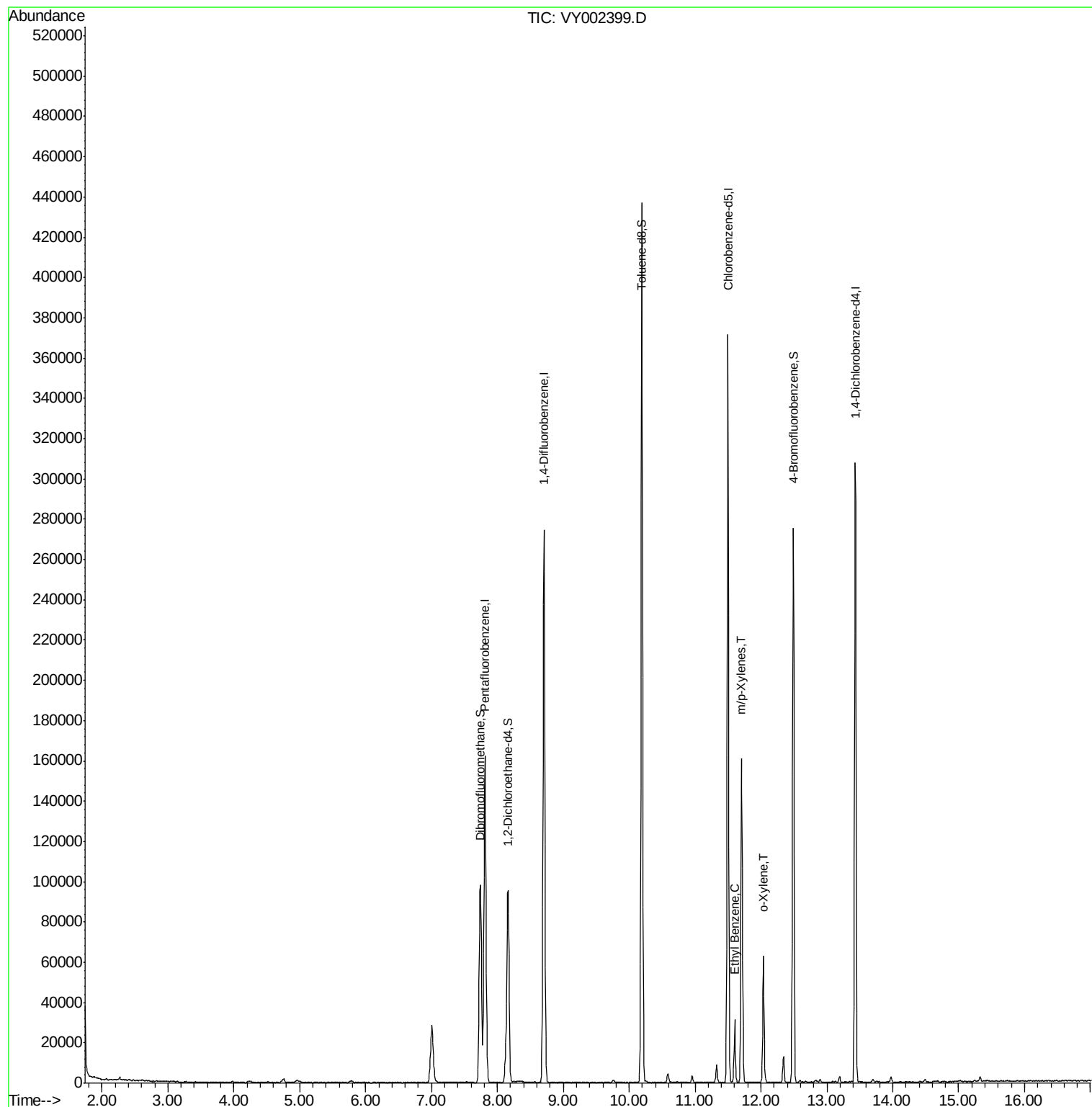
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128401	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	249587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	215482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	80943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	64160	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
35) Dibromofluoromethane	7.74	113	72499	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.19	98	294368	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.49	95	87009	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
Target Compounds						
67) Ethyl Benzene	11.60	91	21490	2.621	ug/l	98
68) m/p-Xylenes	11.70	106	50300	16.378	ug/l	100
69) o-Xylene	12.04	106	17915	6.213	ug/l	96

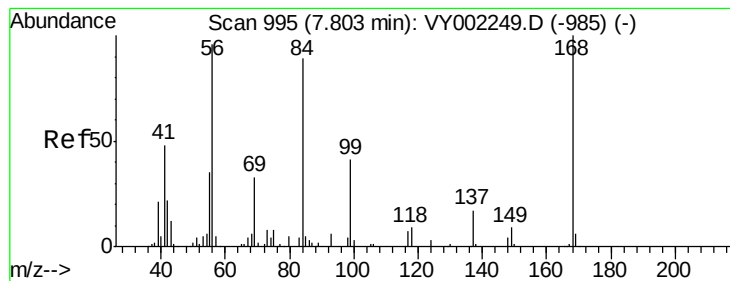
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

Instrument :

MSVOA_Y

ClientSampled :

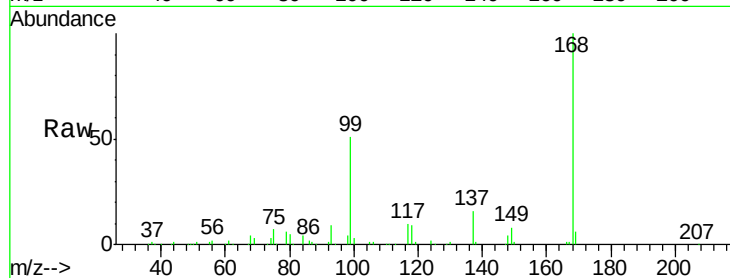
BG-8

Tot Ion:168 Resp: 128401

Ion Ratio Lower Upper

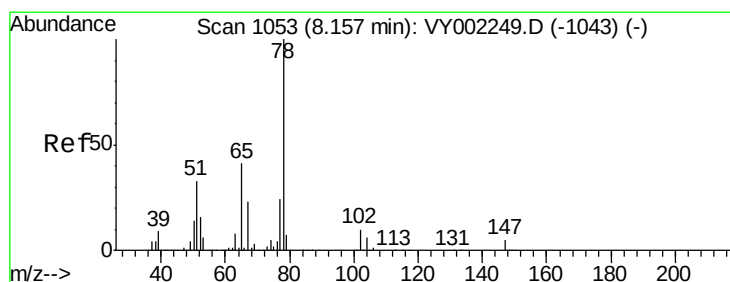
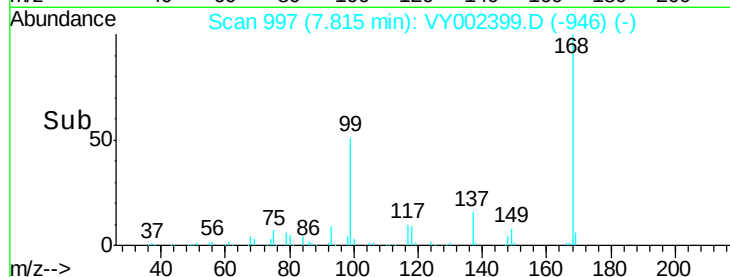
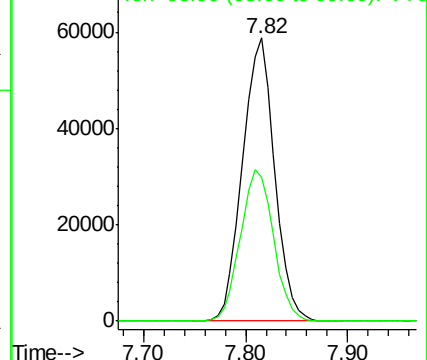
168 100

99 50.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002399.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002399.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.933 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002399.D

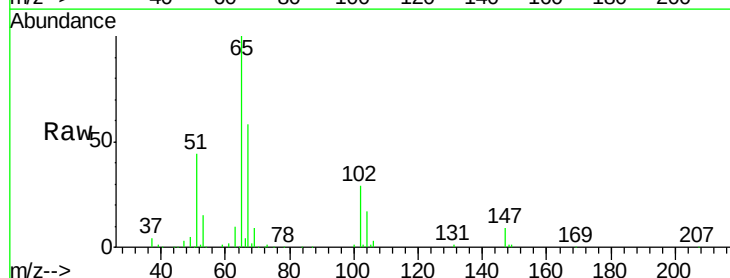
Acq: 17 Apr 2020 15:12

Tgt Ion: 65 Resp: 64160

Ion Ratio Lower Upper

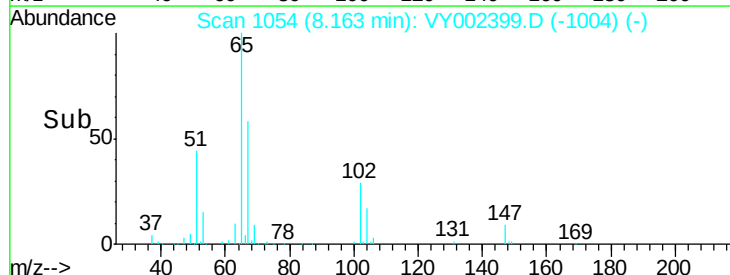
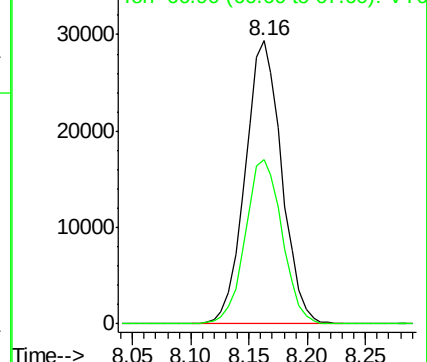
65 100

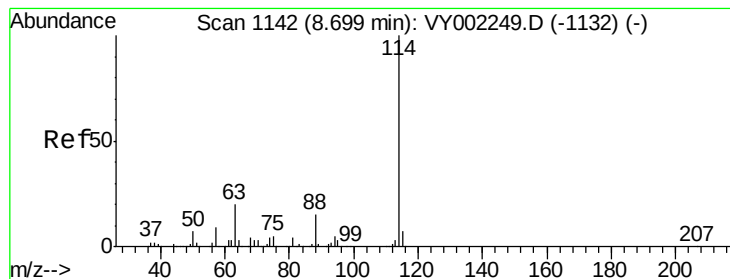
67 58.6 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002399.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY002399.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

BG-8

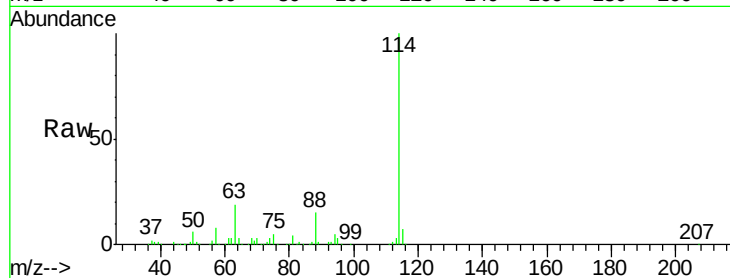
Tot Ion:114 Resp: 249587

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.0

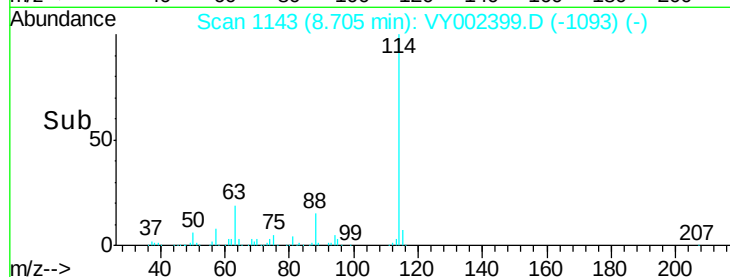
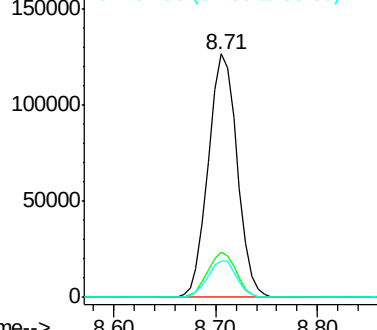
88 14.9 0.0 31.0



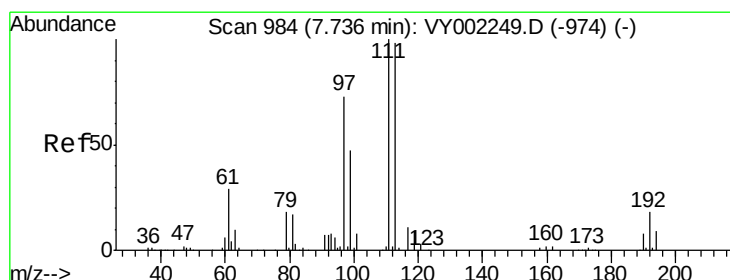
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 48.817 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

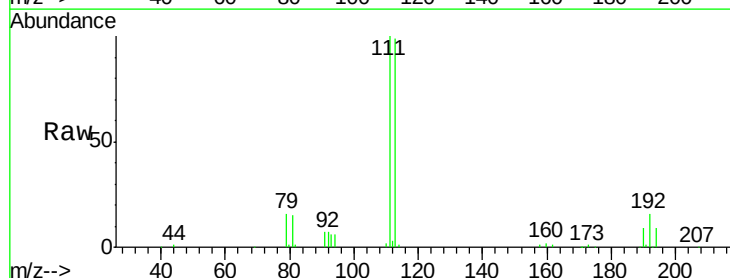
Tgt Ion:113 Resp: 72499

Ion Ratio Lower Upper

113 100

111 103.4 83.5 125.3

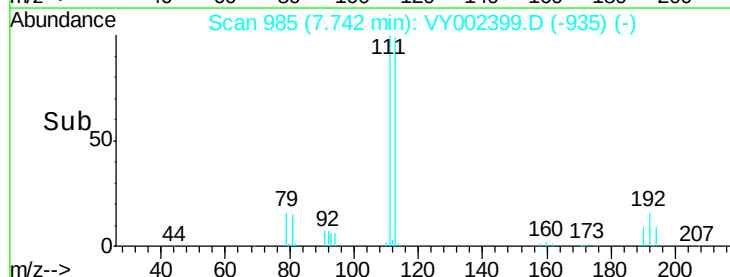
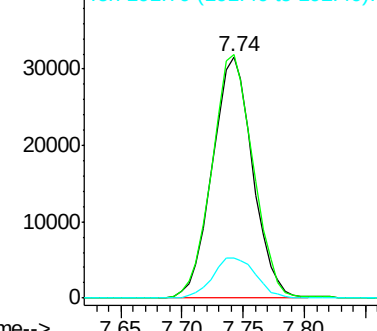
192 18.0 14.7 22.1



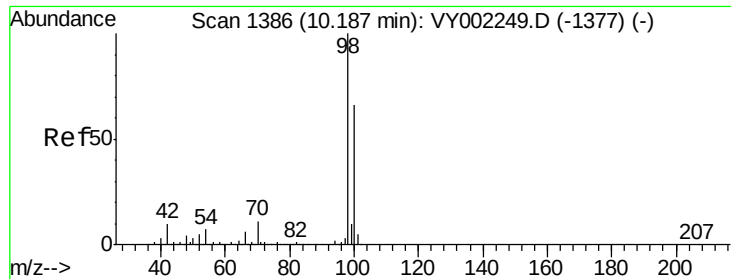
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 47.356 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

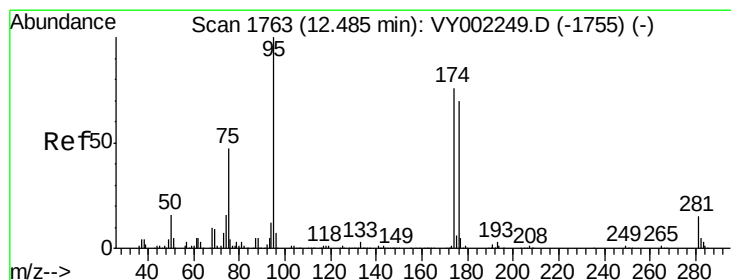
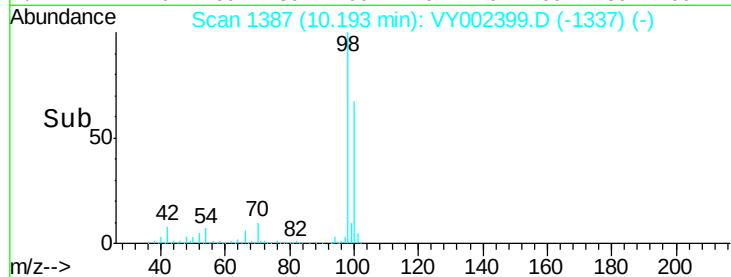
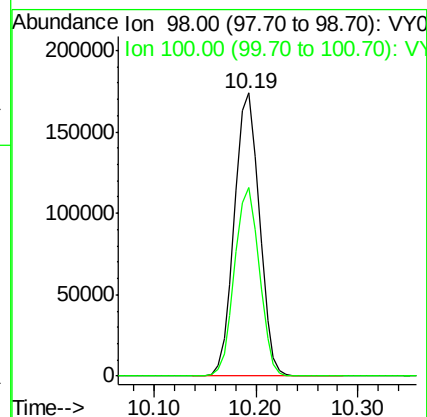
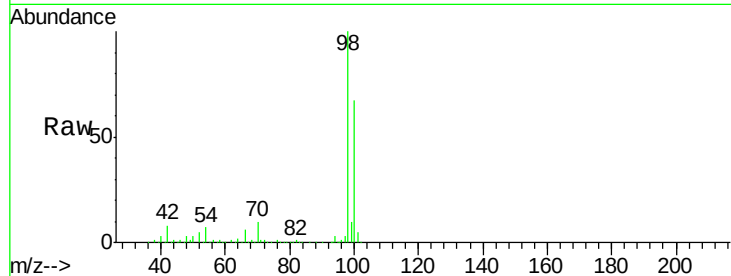
BG-8

Tot Ion: 98 Resp: 294368

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 42.427 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

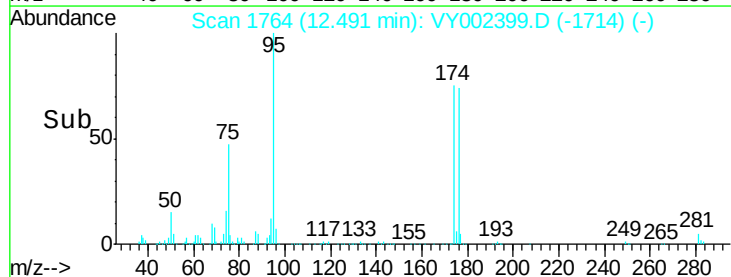
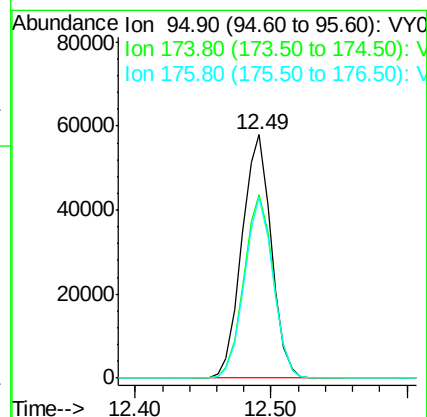
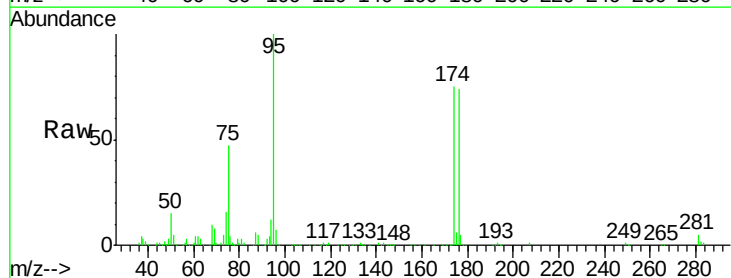
Tgt Ion: 95 Resp: 87009

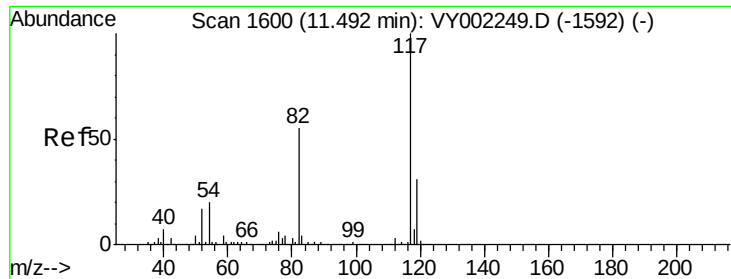
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 72.9 0.0 141.4

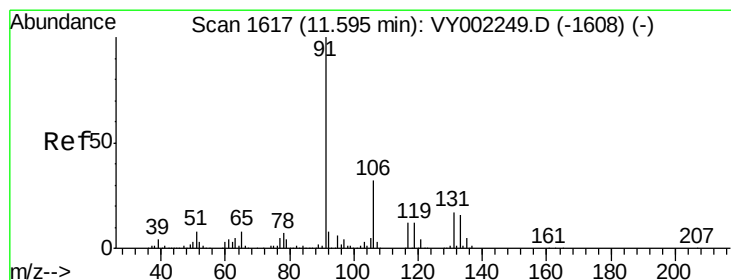
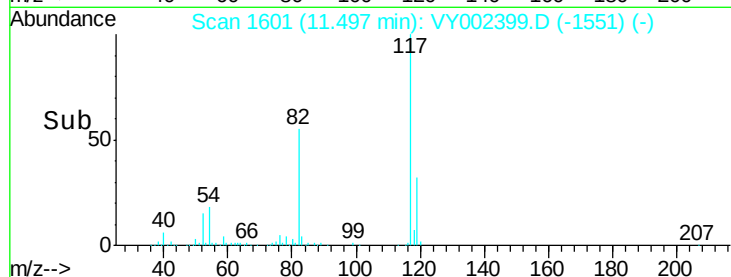
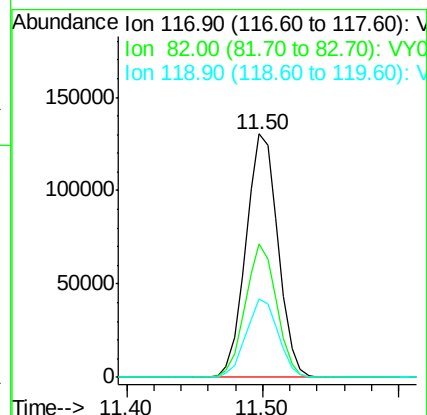
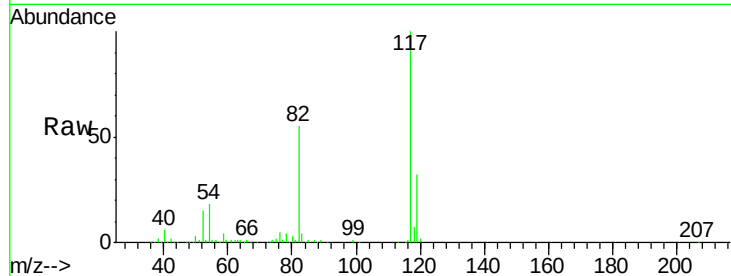




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002399.D
Acq: 17 Apr 2020 15:12

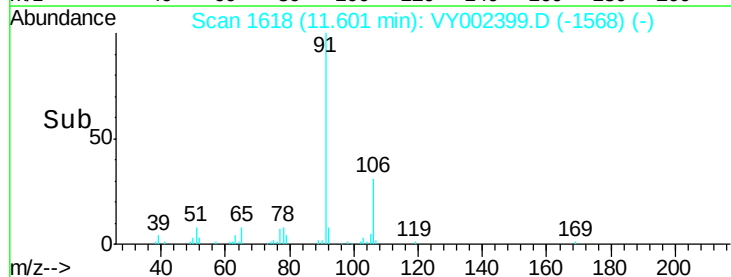
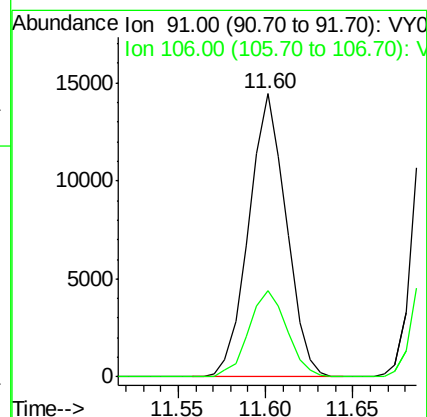
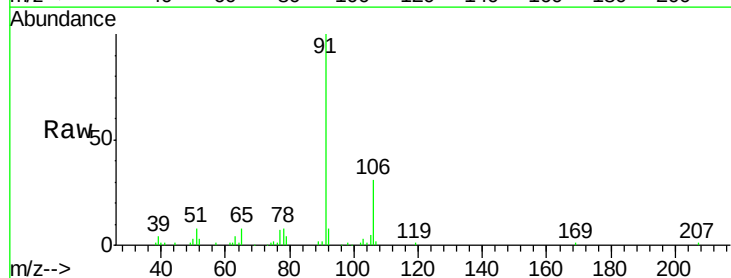
Instrument :
MSVOA_Y
ClientSampled :
BG-8

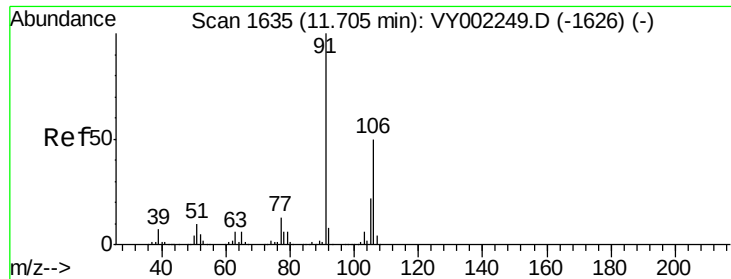
Tot Ion:117 Resp: 215482
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 32.4 25.1 37.7



#67
Ethyl Benzene
Concen: 2.621 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002399.D
Acq: 17 Apr 2020 15:12

Tgt Ion: 91 Resp: 21490
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0

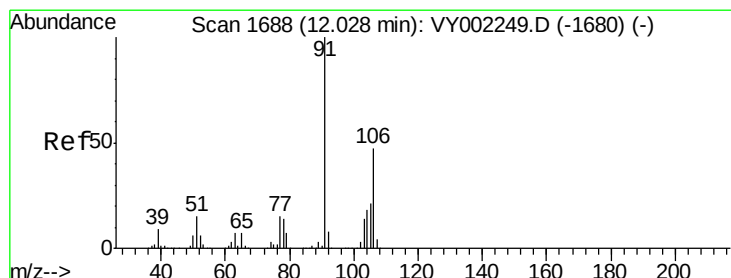
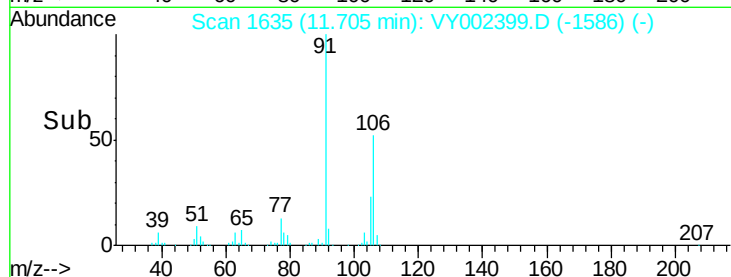
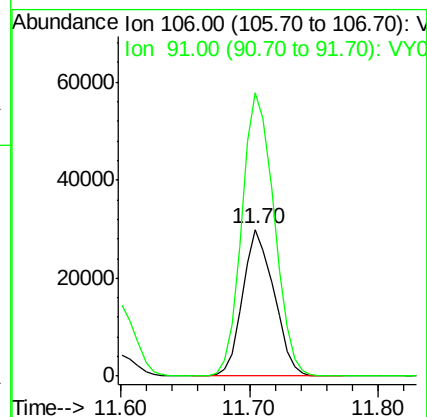
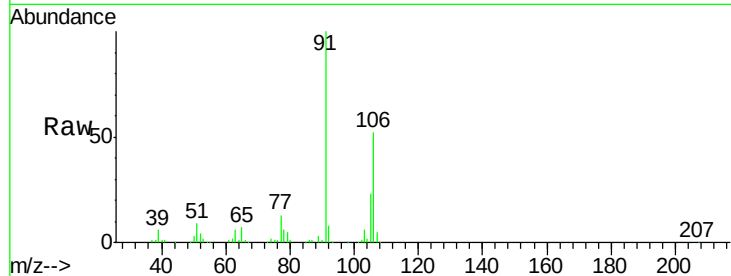




#68
m/p-Xylenes
Concen: 16.378 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002399.D
Acq: 17 Apr 2020 15:12

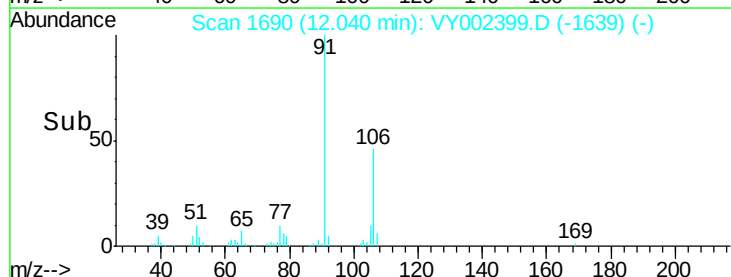
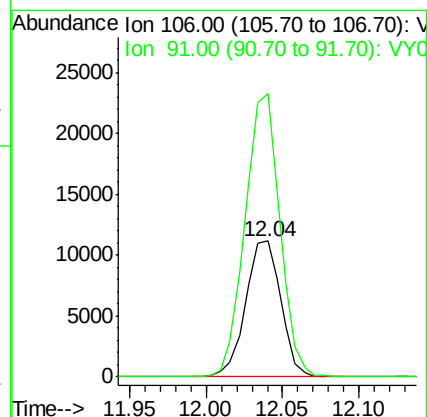
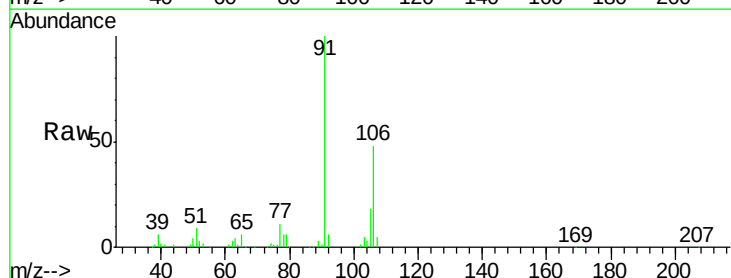
Instrument :
MSVOA_Y
ClientSampled :
BG-8

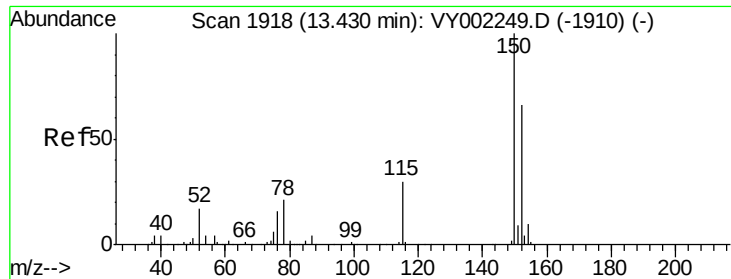
Tot Ion:106 Resp: 50300
Ion Ratio Lower Upper
106 100
91 199.3 159.8 239.6



#69
o-Xylene
Concen: 6.213 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002399.D
Acq: 17 Apr 2020 15:12

Tgt Ion:106 Resp: 17915
Ion Ratio Lower Upper
106 100
91 205.5 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002399.D

Acq: 17 Apr 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

BG-8

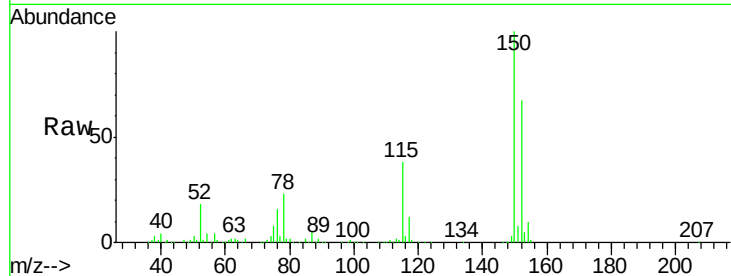
Tot Ion:152 Resp: 80943

Ion Ratio Lower Upper

152 100

115 58.6 30.7 92.1

150 156.3 0.0 350.6



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

