

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000092.D
 Acq On : 19 Sep 2019 20:58
 Operator : SY/MD
 Sample : K4863-03
 Misc : 4.27g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-5-2

Quant Time: Sep 20 04:06:00 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

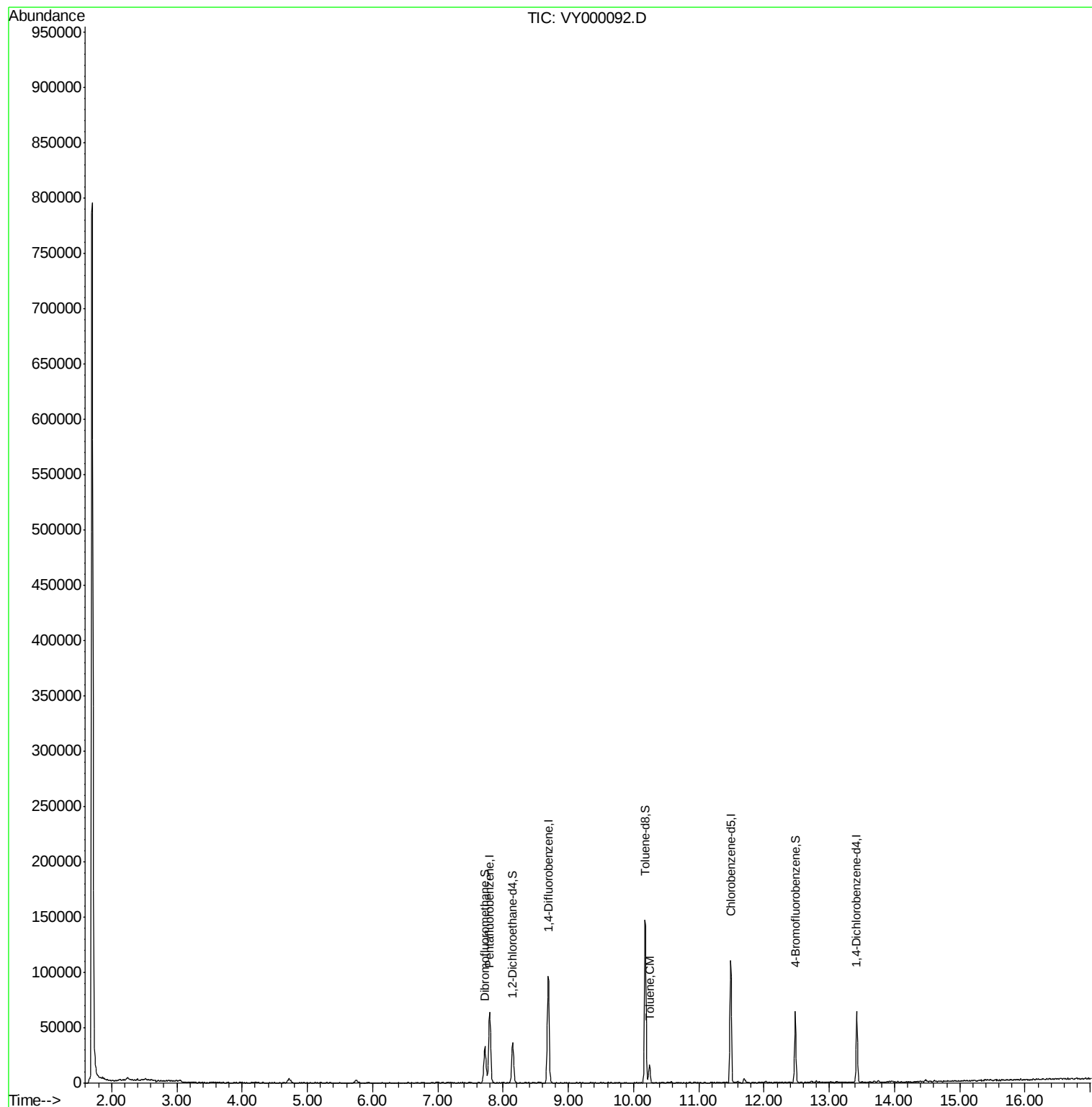
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	46074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	82365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	58030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	14980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	23937	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
35) Dibromofluoromethane	7.72	113	23084	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	10.18	98	95530	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.48	95	21547	29.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.26%	
Target Compounds						
52) Toluene	10.24	92	6783	5.249	ug/l	Qvalue 95

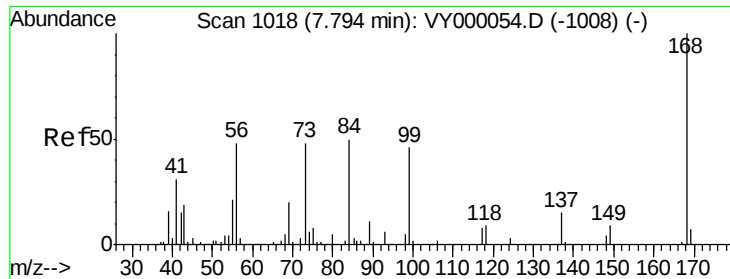
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000092.D

Acq: 19 Sep 2019 20:58

Instrument :

MSVOA_Y

ClientSampleId :

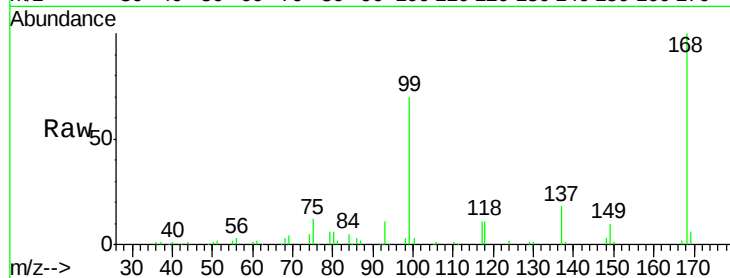
CSA-4-5-2

Tot Ion:168 Resp: 46074

Ion Ratio Lower Upper

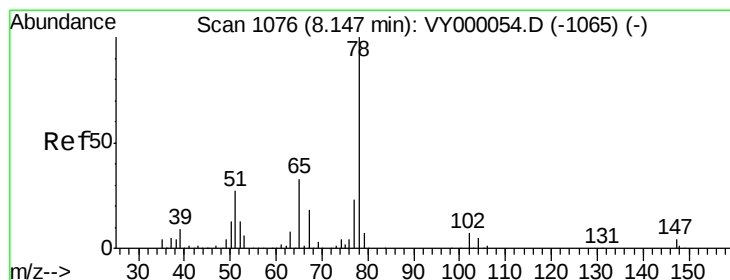
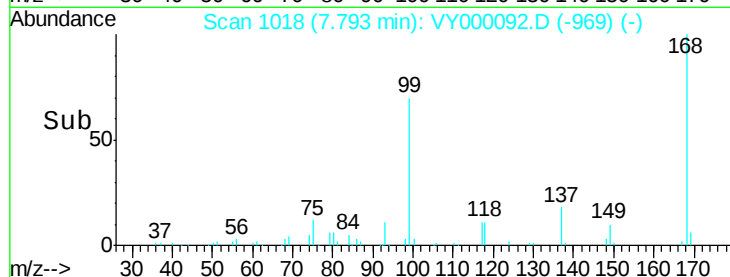
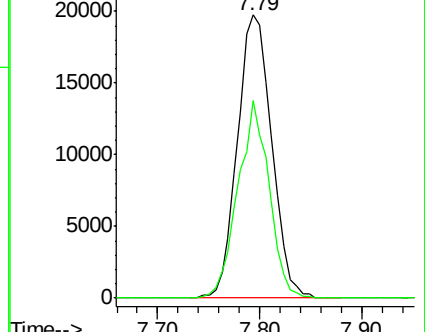
168 100

99 70.0 44.2 66.2#



Abundance Ion 167.90 (167.60 to 168.60): VY000092.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000092.D (-969) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.157 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000092.D

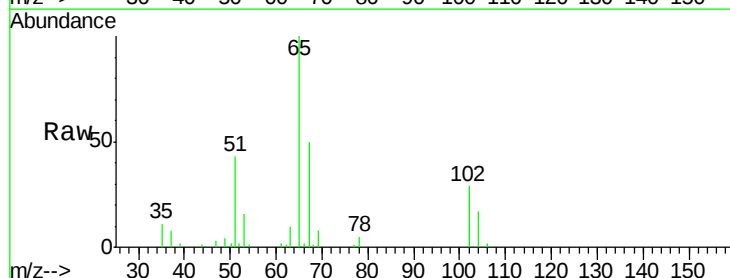
Acq: 19 Sep 2019 20:58

Tgt Ion: 65 Resp: 23937

Ion Ratio Lower Upper

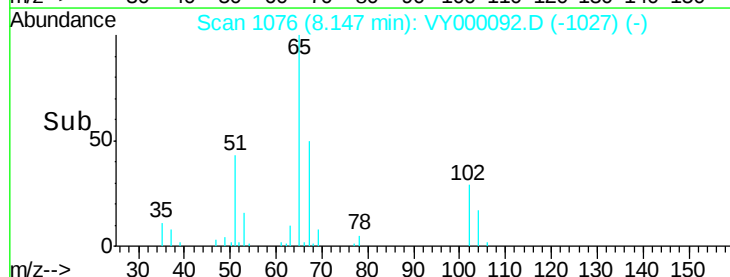
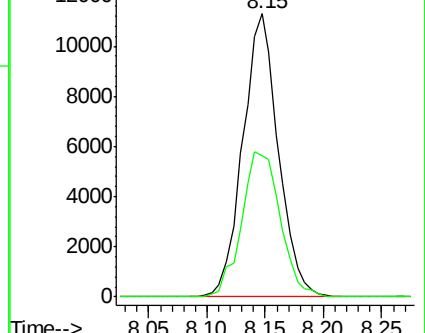
65 100

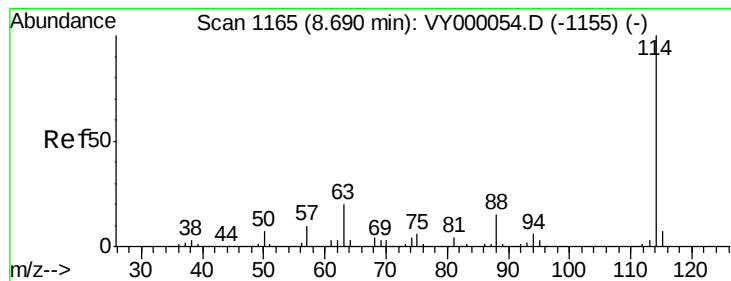
67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000092.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000092.D (-1027) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-5-2

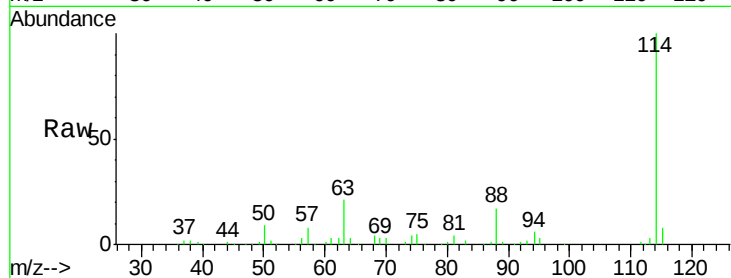
Tot Ion:114 Resp: 82365

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.4

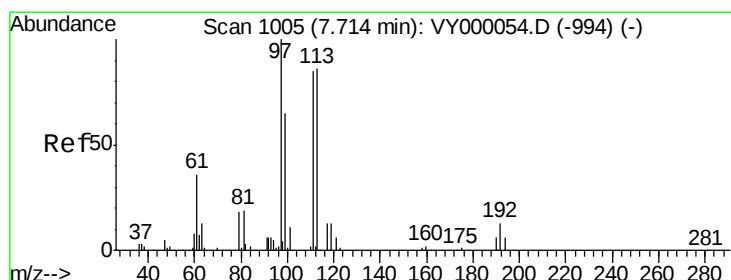
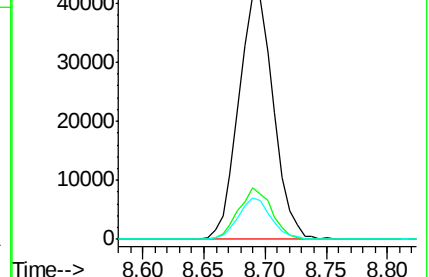
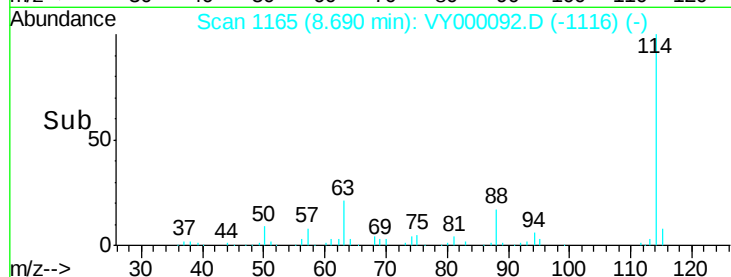
88 17.0 0.0 30.2



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: 46.288 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

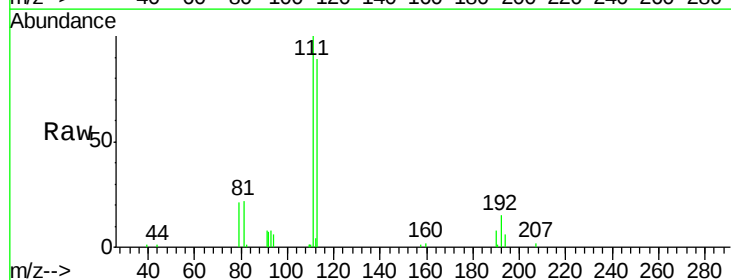
Tgt Ion:113 Resp: 23084

Ion Ratio Lower Upper

113 100

111 108.1 81.7 122.5

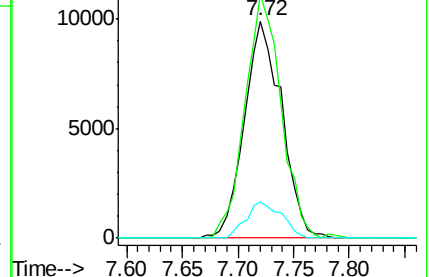
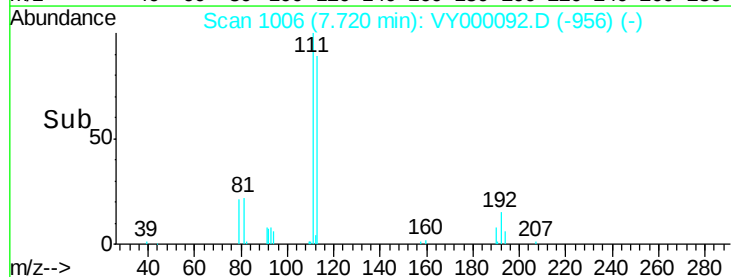
192 16.0 13.4 20.2

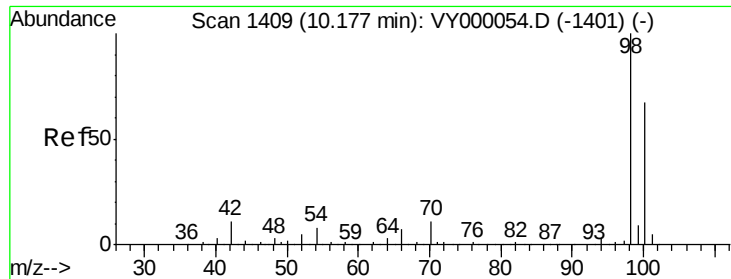


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.771 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

Instrument :

MSVOA_Y

ClientSampleId :

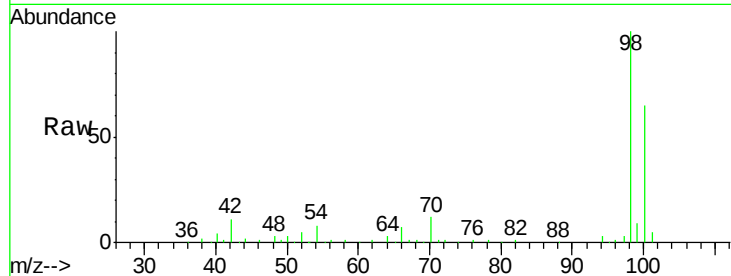
CSA-4-5-2

Tot Ion: 98 Resp: 95530

Ion Ratio Lower Upper

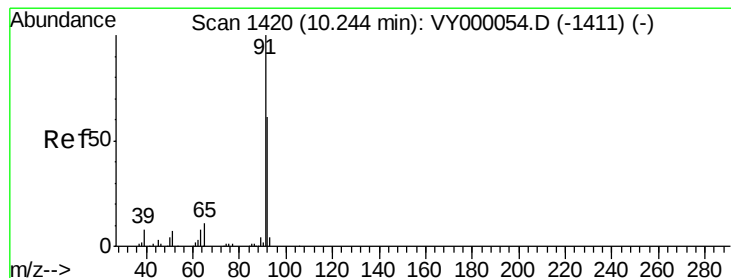
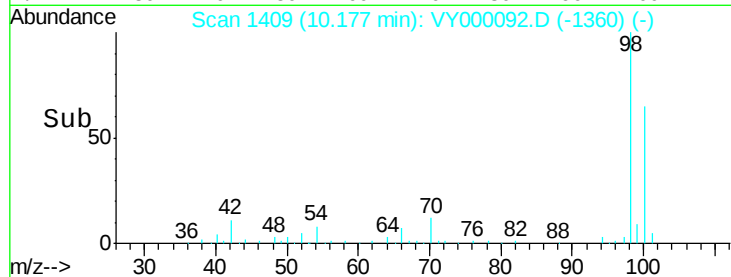
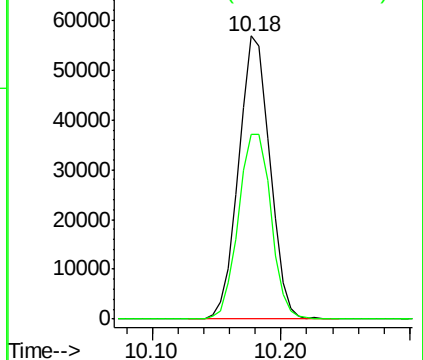
98 100

100 67.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#52

Toluene

Concen: 5.249 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000092.D

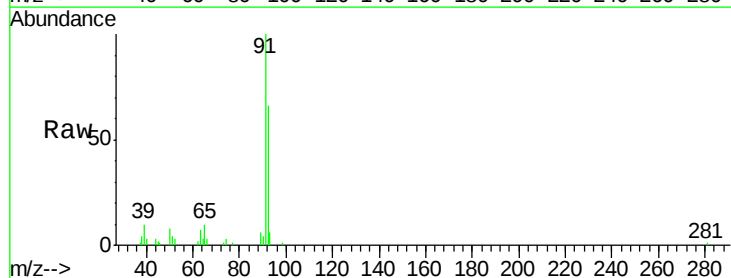
Acq: 19 Sep 2019 20:58

Tgt Ion: 92 Resp: 6783

Ion Ratio Lower Upper

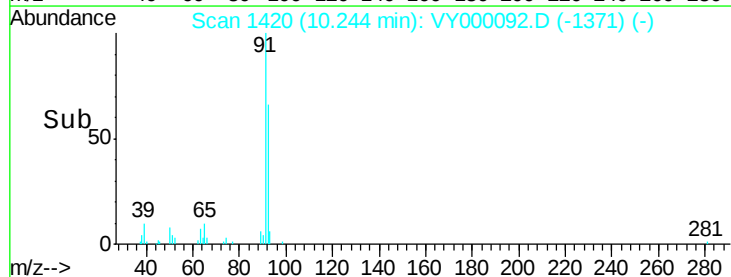
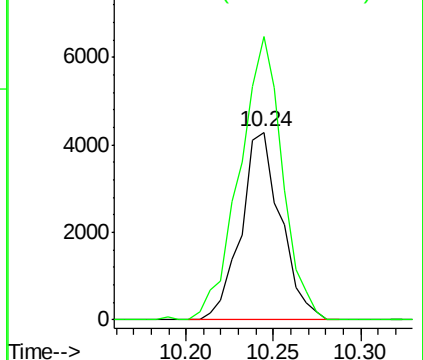
92 100

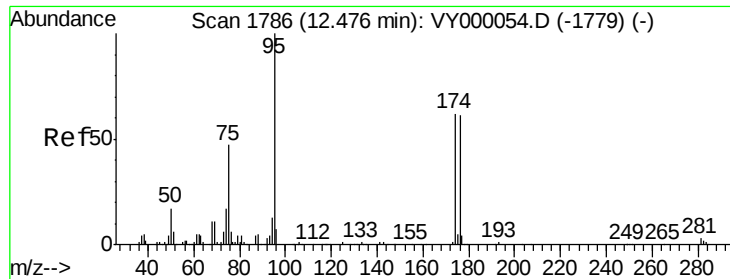
91 163.1 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#62

4-Bromofluorobenzene

Concen: 29.629 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-5-2

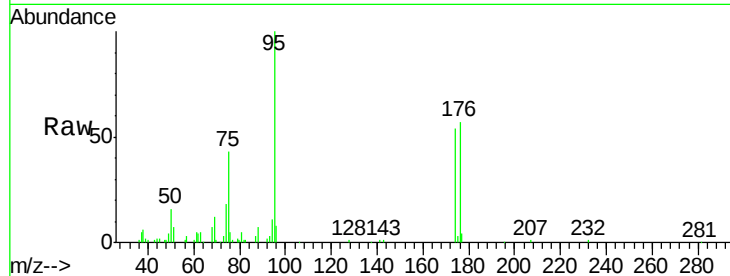
Tot Ion: 95 Resp: 21547

Ion Ratio Lower Upper

95 100

174 65.5 0.0 137.2

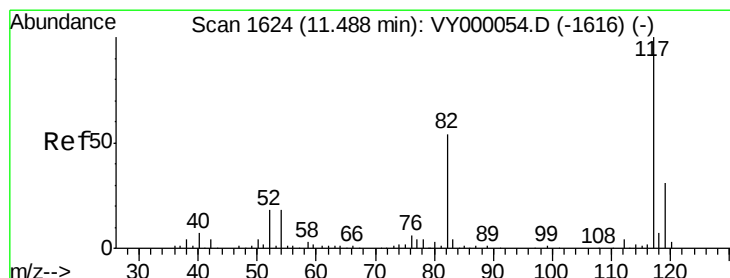
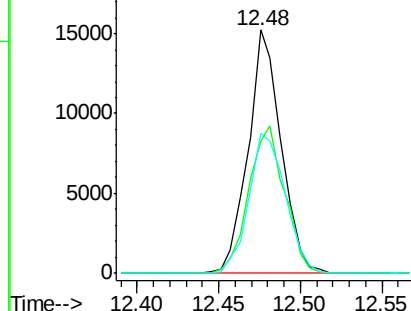
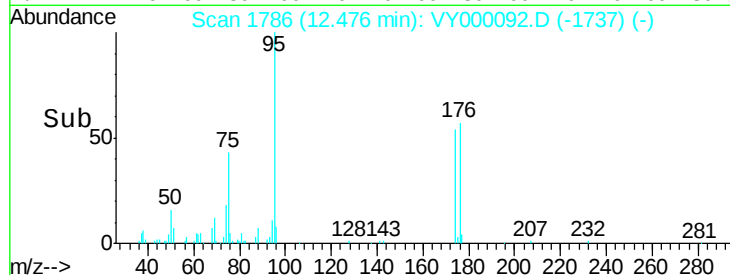
176 63.7 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY000092.D (-1737) (-)

Ion 173.80 (173.50 to 174.50): VY000092.D (-1737) (-)

Ion 175.80 (175.50 to 176.50): VY000092.D (-1737) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

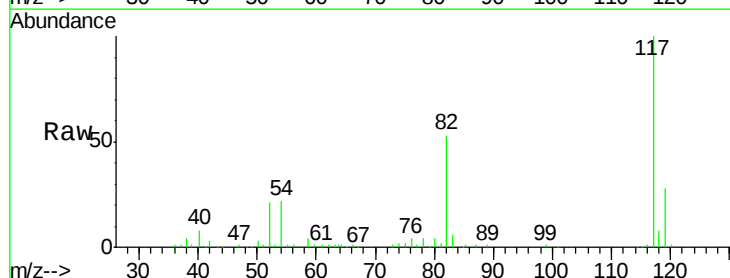
Tgt Ion: 117 Resp: 58030

Ion Ratio Lower Upper

117 100

82 53.0 43.5 65.3

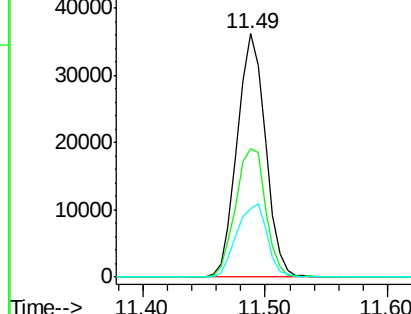
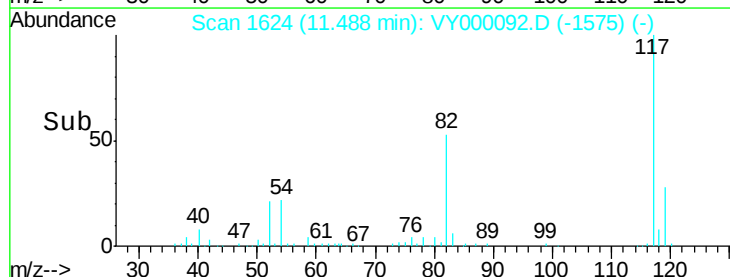
119 27.8 24.6 36.8

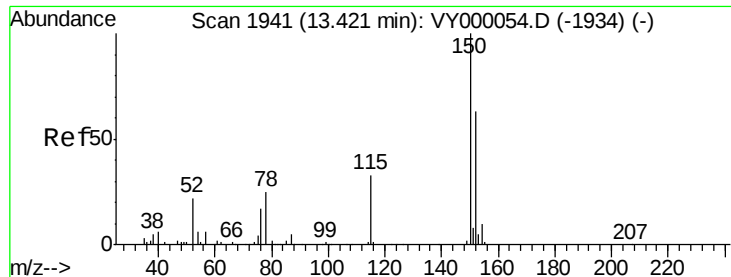


Abundance Ion 116.90 (116.60 to 117.60): VY000092.D (-1575) (-)

Ion 82.00 (81.70 to 82.70): VY000092.D (-1575) (-)

Ion 118.90 (118.60 to 119.60): VY000092.D (-1575) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000092.D

Acq: 19 Sep 2019 20:58

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-5-2

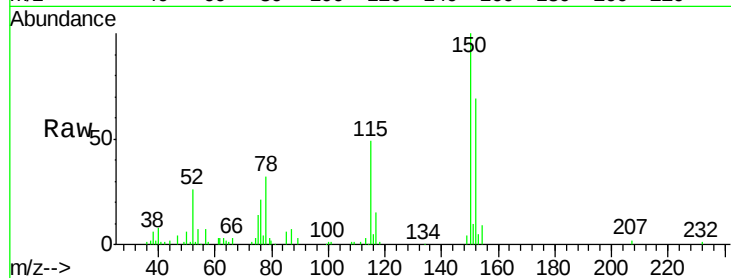
Tot Ion:152 Resp: 14980

Ion Ratio Lower Upper

152 100

115 66.2 30.7 92.1

150 143.0 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

