

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002920.D
 Acq On : 18 Jun 2020 15:36
 Operator : SY/MD
 Sample : L3030-01
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(8-10)

Quant Time: Jun 19 05:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

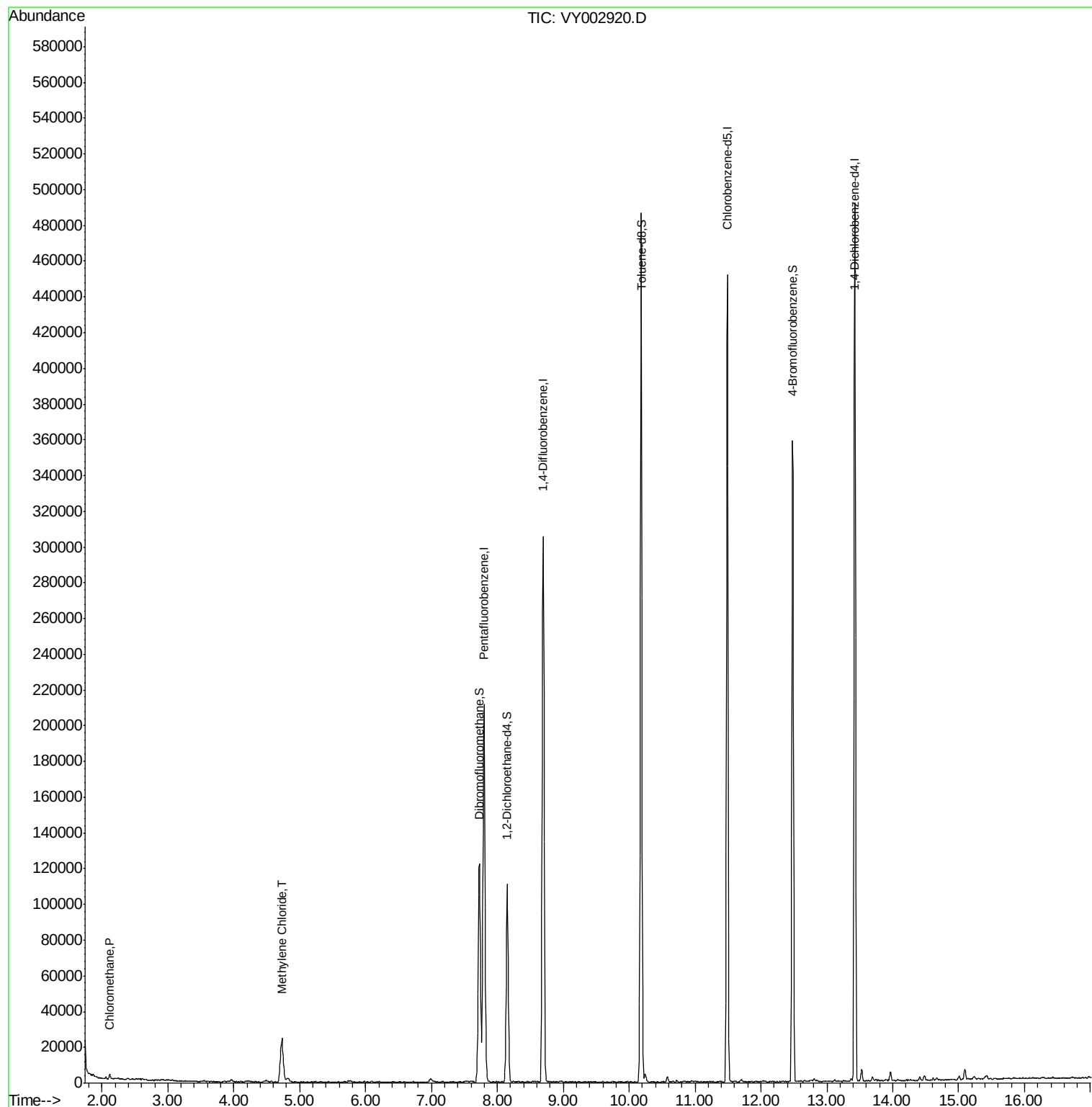
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	175078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	281255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	85453	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.73	113	87764	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.18	98	330344	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.48	95	109691	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
3) Chloromethane	2.12	50	2070	1.553	ug/l	96
20) Methylene Chloride	4.73	84	20112	11.545	ug/l	98

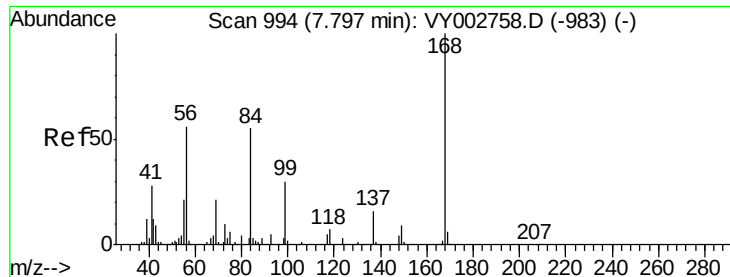
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002920.D

Acq: 18 Jun 2020 15:36

Instrument :

MSVOA_Y

ClientSampleId :

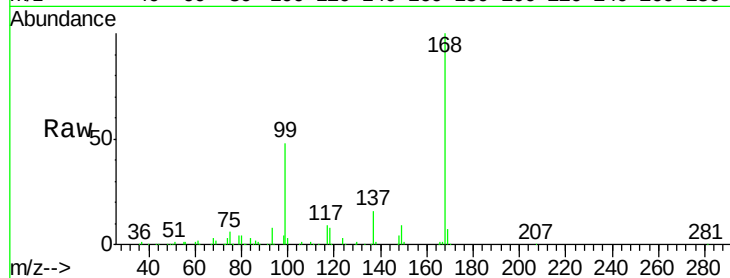
SB-01(8-10)

Tot Ion:168 Resp: 175078

Ion Ratio Lower Upper

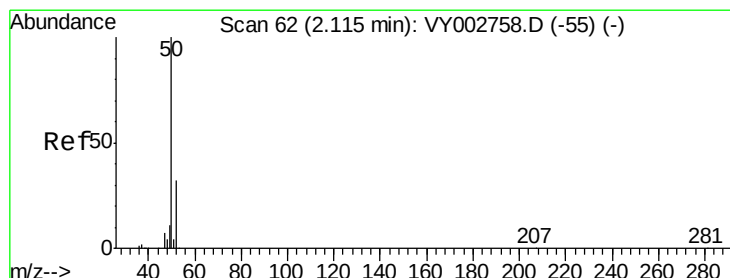
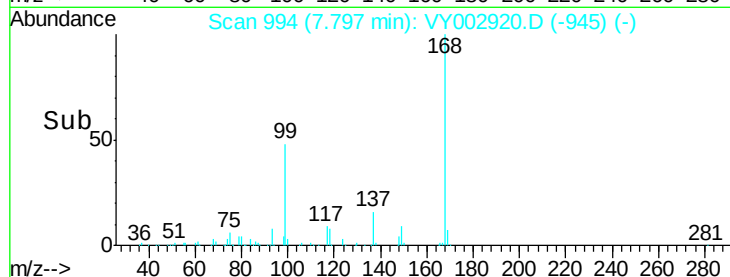
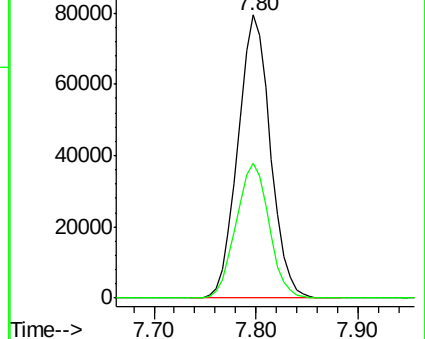
168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002920.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002920.D (-945) (-)



#3

Chloromethane

Concen: 1.553 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002920.D

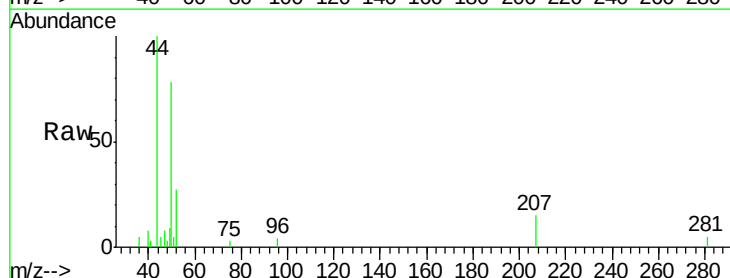
Acq: 18 Jun 2020 15:36

Tgt Ion: 50 Resp: 2070

Ion Ratio Lower Upper

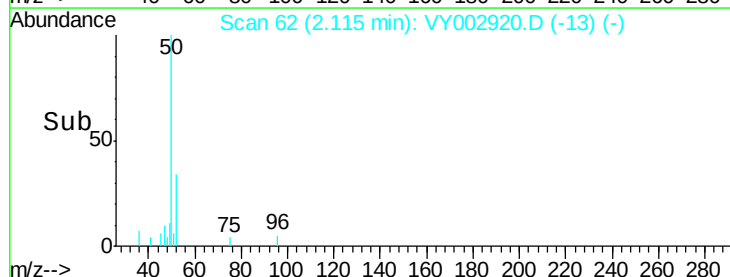
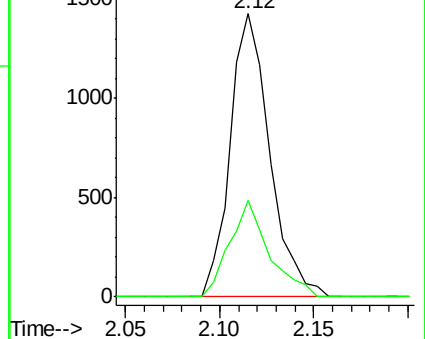
50 100

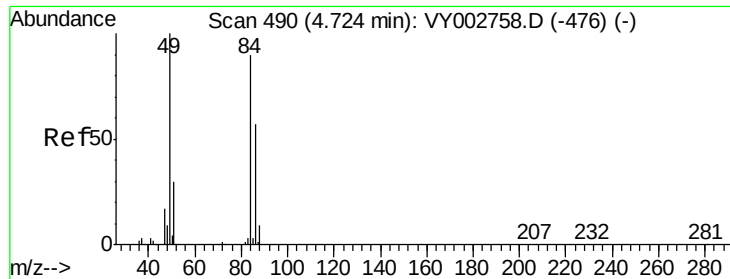
52 34.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002920.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002920.D (-13) (-)

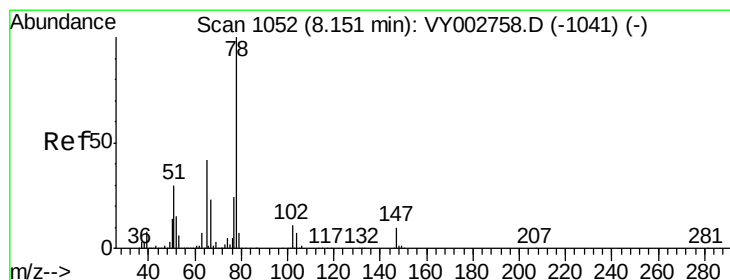
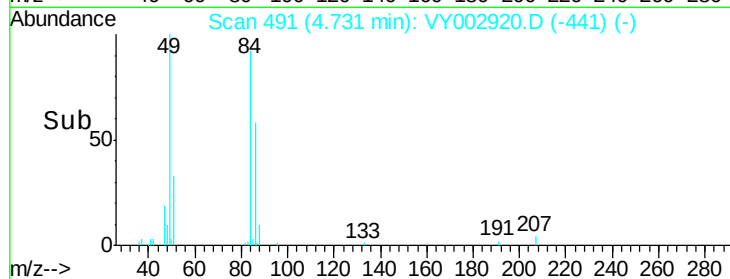
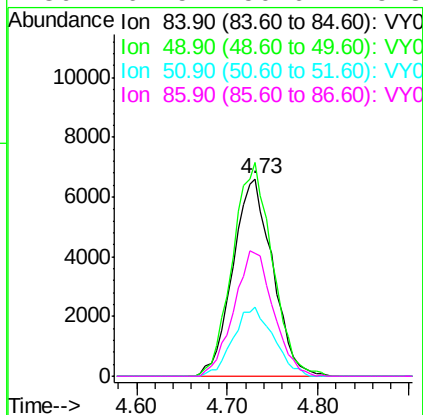
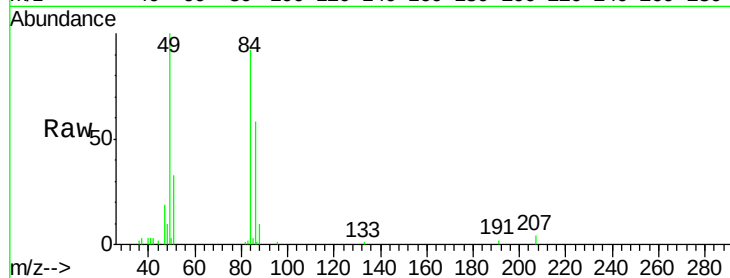




#20
Methylene Chloride
Concen: 11.545 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002920.D
Acq: 18 Jun 2020 15:36

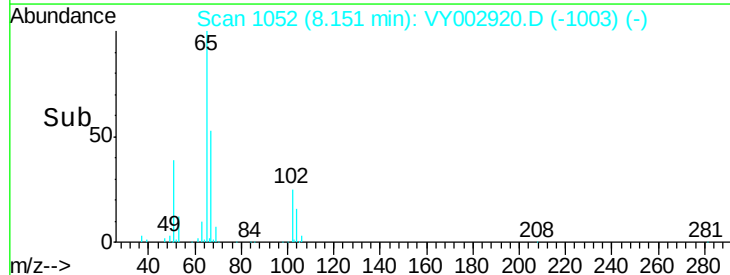
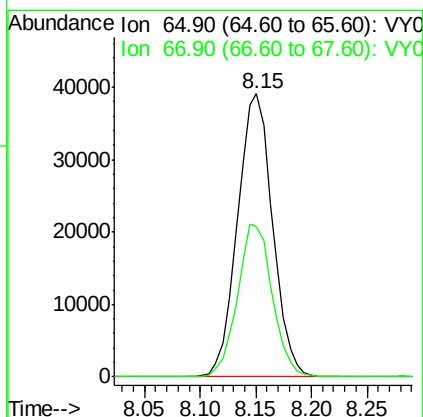
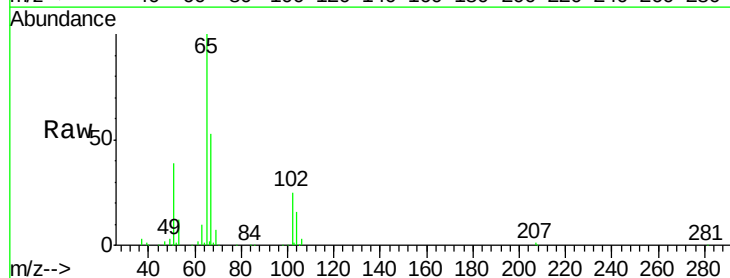
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(8-10)

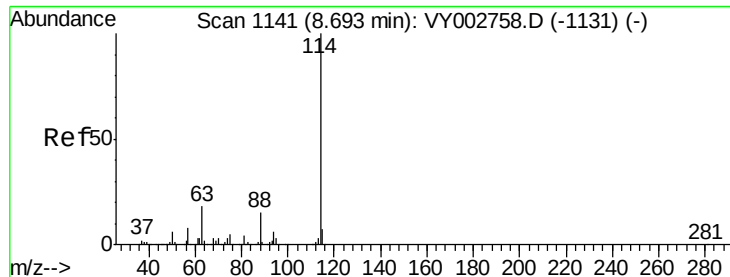
Tot Ion: 84 Resp: 20112
Ion Ratio Lower Upper
84 100
49 108.3 88.5 132.7
51 35.3 26.8 40.2
86 62.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 56.213 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002920.D
Acq: 18 Jun 2020 15:36

Tgt Ion: 65 Resp: 85453
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.0

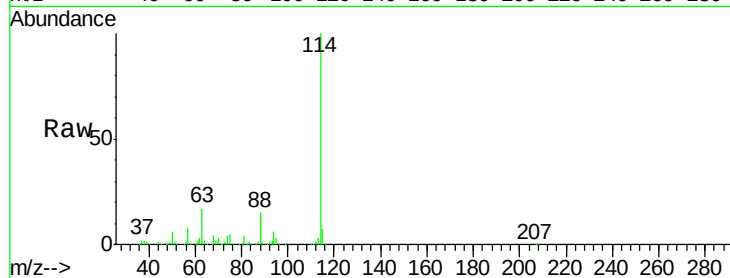




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002920.D
 Acq: 18 Jun 2020 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(8-10)

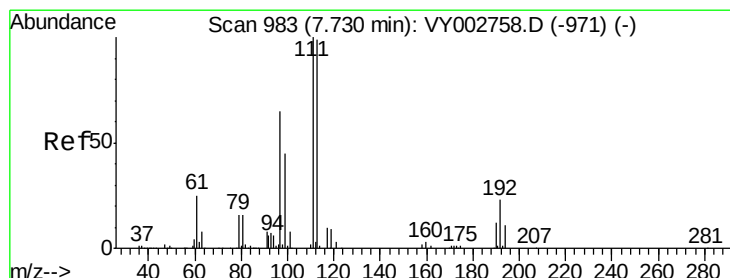
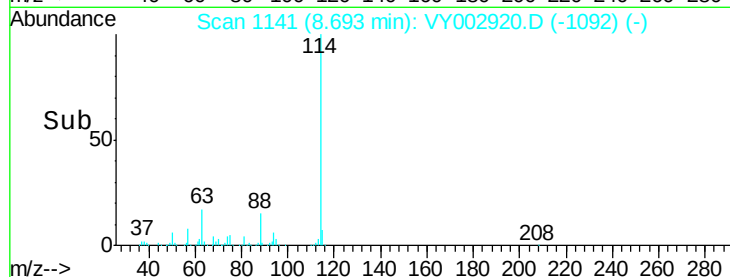
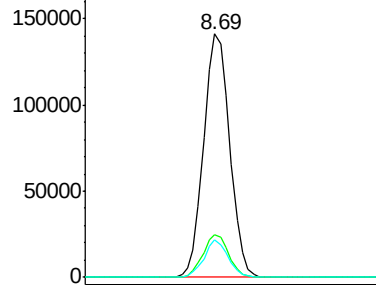
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.2
88	15.3	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

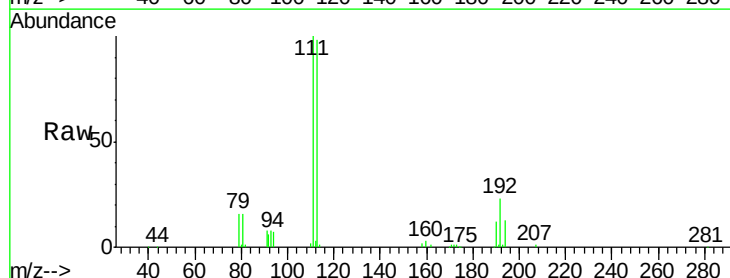
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 53.245 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002920.D
 Acq: 18 Jun 2020 15:36

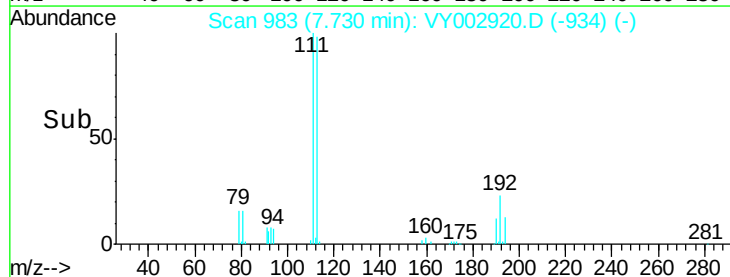
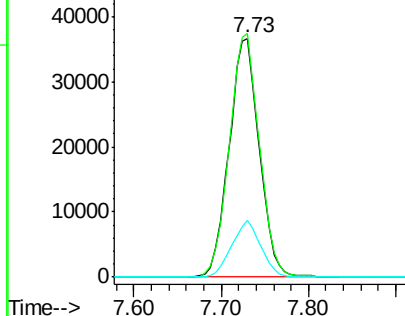
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	22.9	18.9	28.3

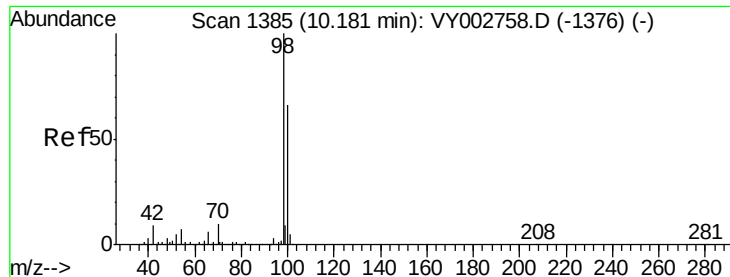


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.568 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002920.D

Acq: 18 Jun 2020 15:36

Instrument :

MSVOA_Y

ClientSampled :

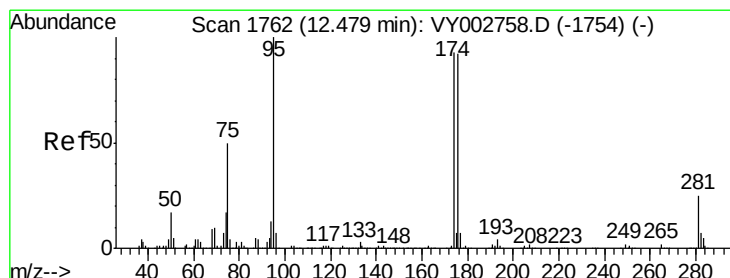
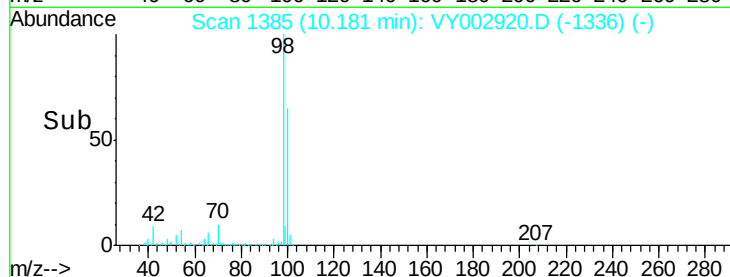
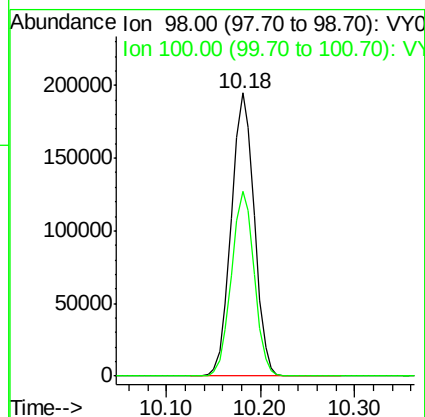
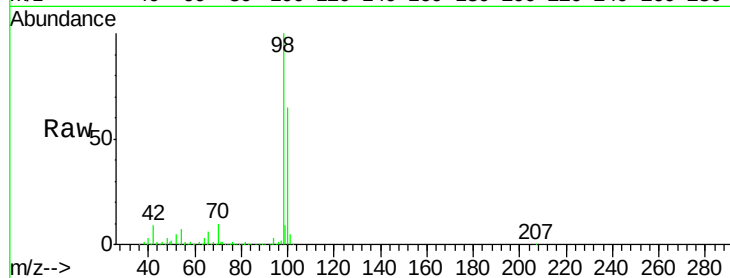
SB-01(8-10)

Tot Ion: 98 Resp: 330344

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.161 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002920.D

Acq: 18 Jun 2020 15:36

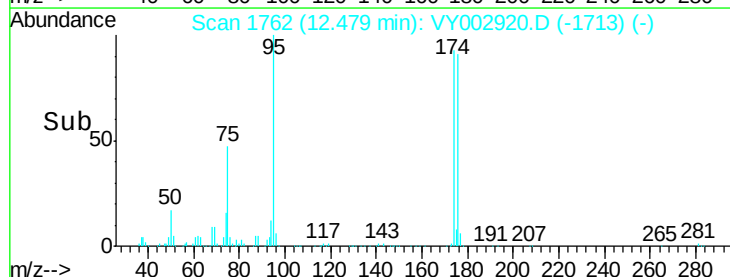
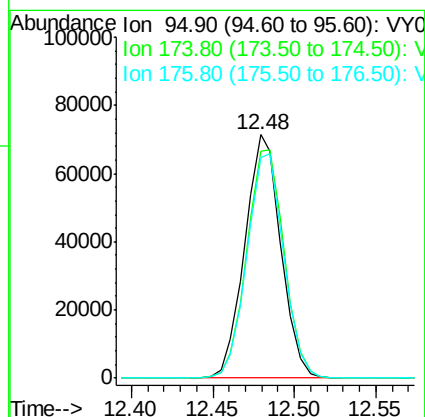
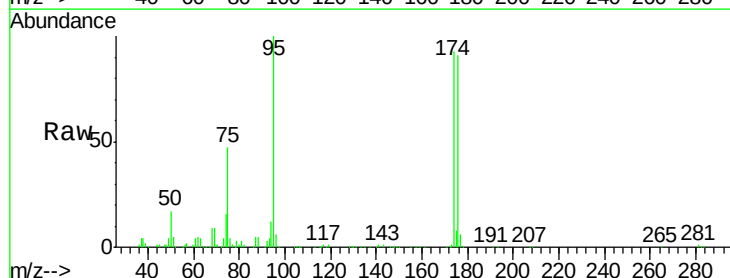
Tgt Ion: 95 Resp: 109691

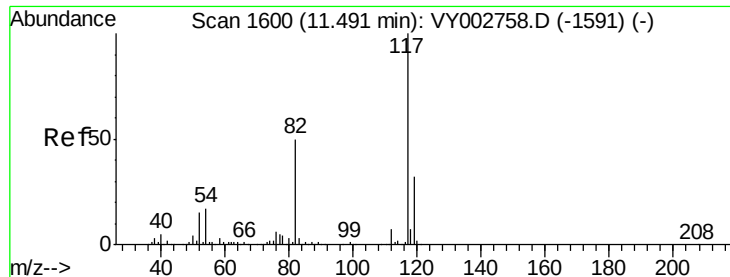
Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.2

176 93.9 0.0 188.8

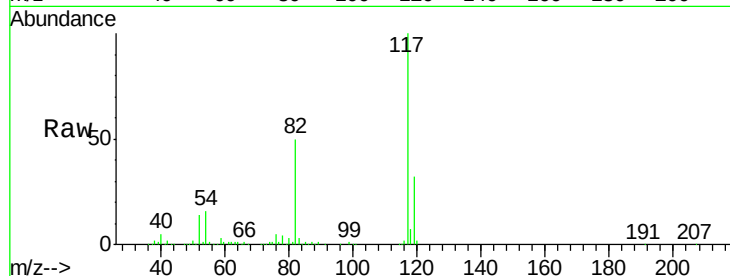




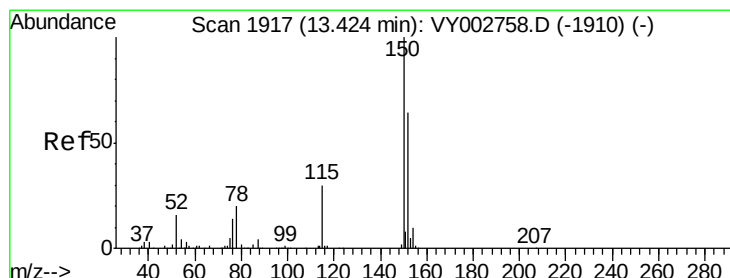
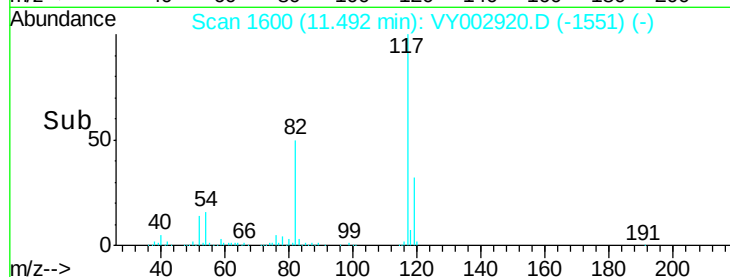
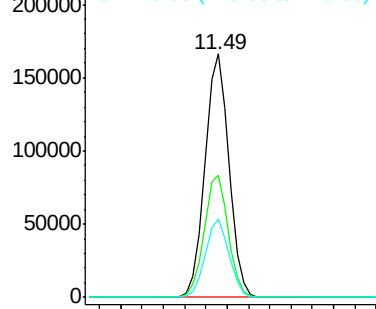
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002920.D
Acq: 18 Jun 2020 15:36

Instrument :
MSVOA_Y
ClientSampled :
SB-01(8-10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.2	60.4
119	32.4	25.8	38.8

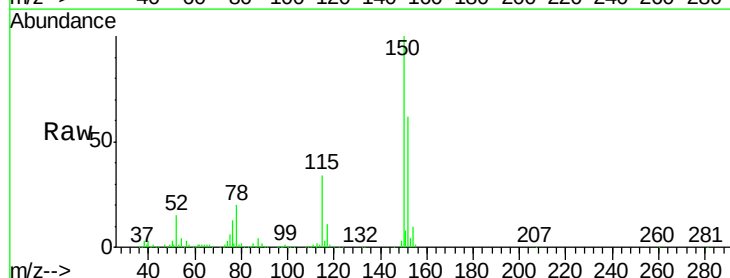


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002920.D
Acq: 18 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.0	81.0
150	154.9	0.0	344.8



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

