

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001194.D
 Acq On : 14 Jan 2020 11:28
 Operator : SY/MD
 Sample : L1098-02
 Misc : 7.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2_13.0-13.5

Quant Time: Jan 15 01:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

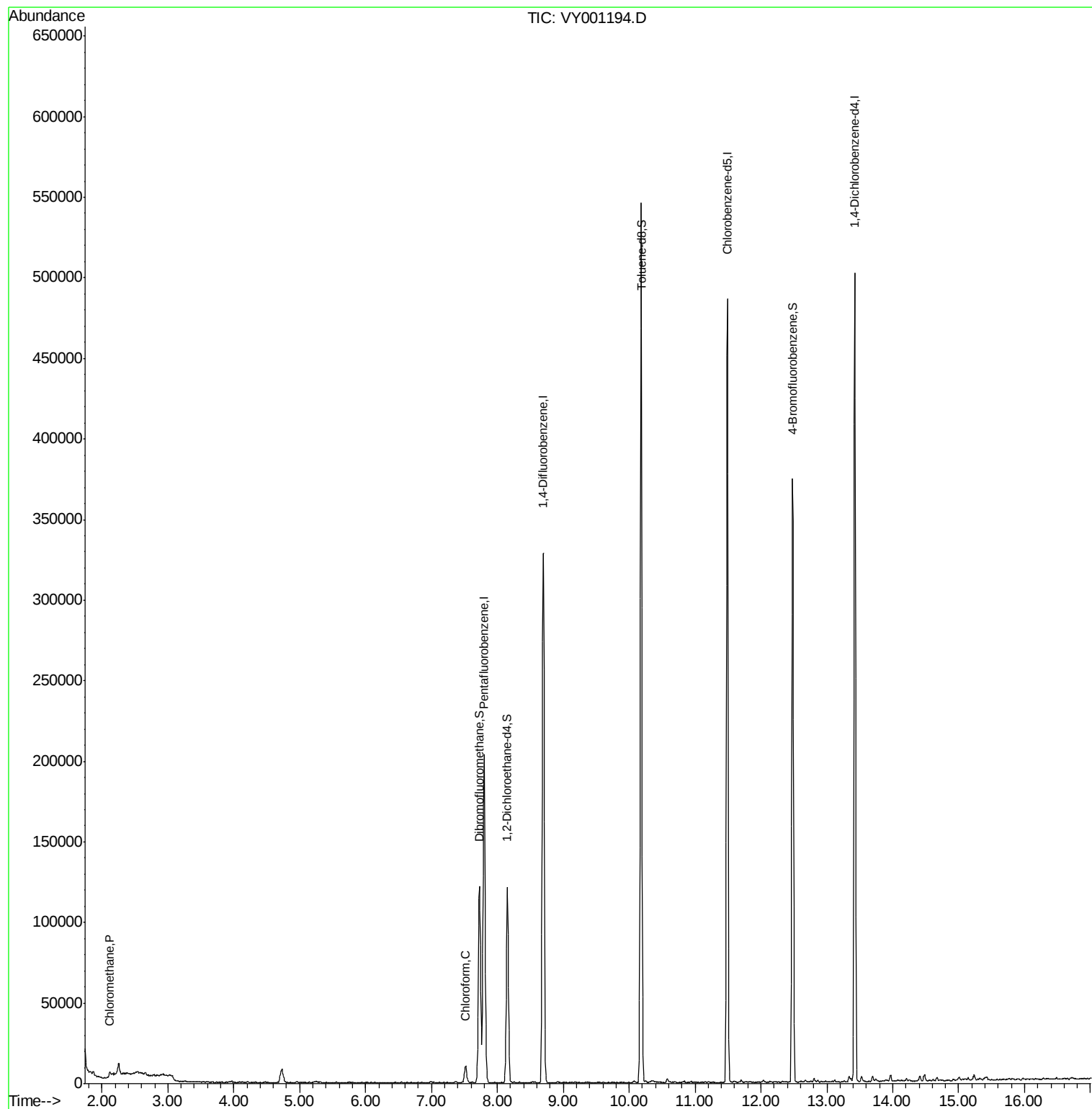
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	161212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	295001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	92566	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	7.73	113	88150	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.18	98	348611	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	127007	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
3) Chloromethane	2.12	50	1850	1.037	ug/l	91
30) Chloroform	7.52	83	10047	3.297	ug/l	99

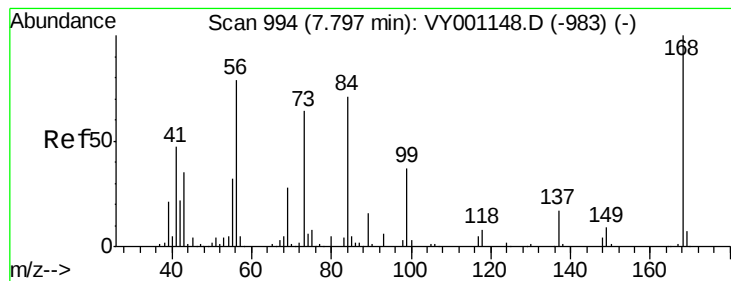
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

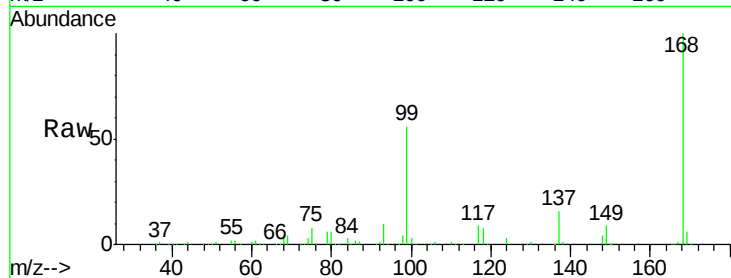
SB-2_13.0-13.5

Tot Ion:168 Resp: 161212

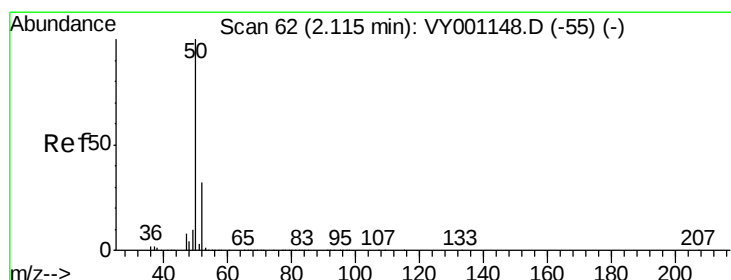
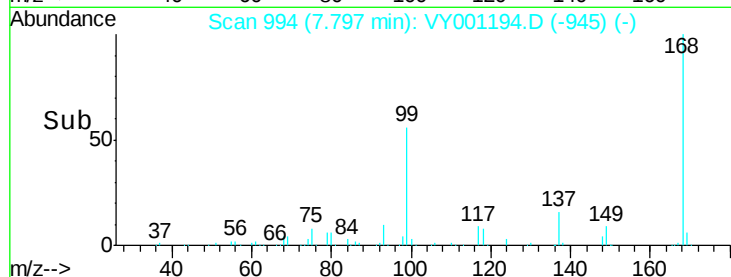
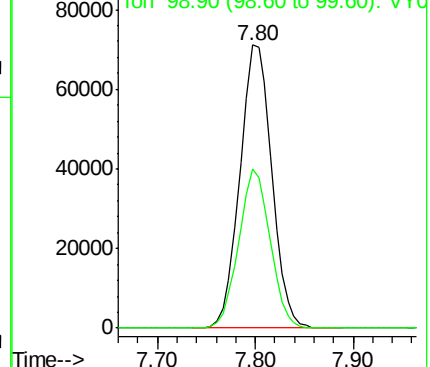
Ion Ratio Lower Upper

168 100

99 56.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001194.D (-945) (-)



#3

Chloromethane

Concen: 1.037 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001194.D

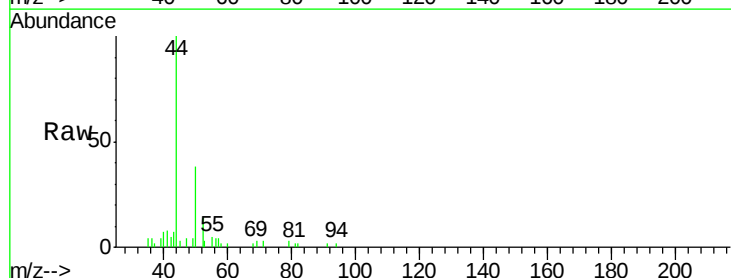
Acq: 14 Jan 2020 11:28

Tgt Ion: 50 Resp: 1850

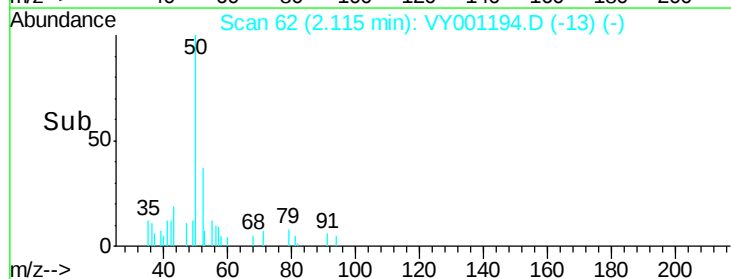
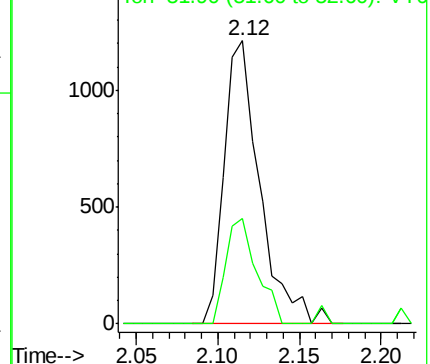
Ion Ratio Lower Upper

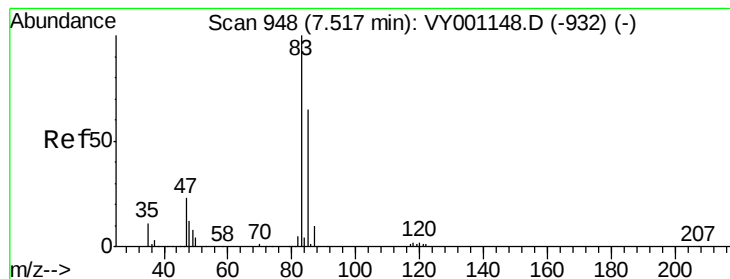
50 100

52 37.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001194.D (-13) (-)





#30

Chloroform

Concen: 3.297 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

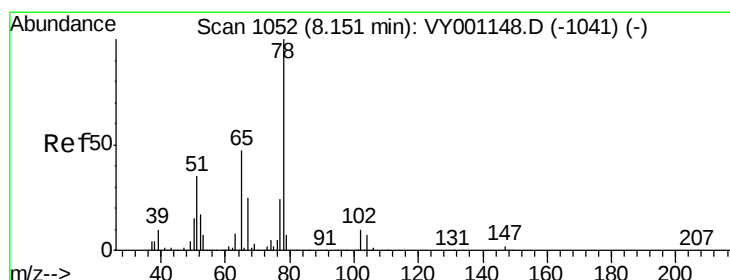
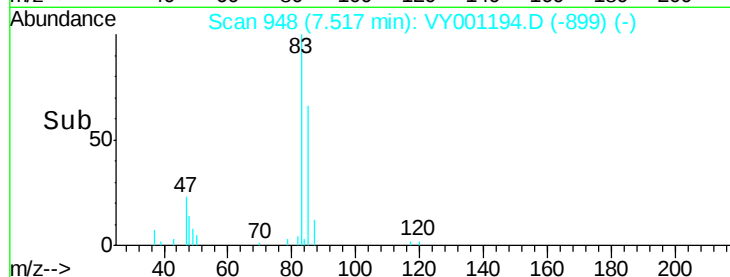
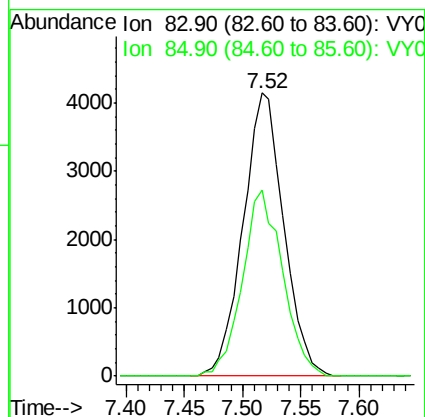
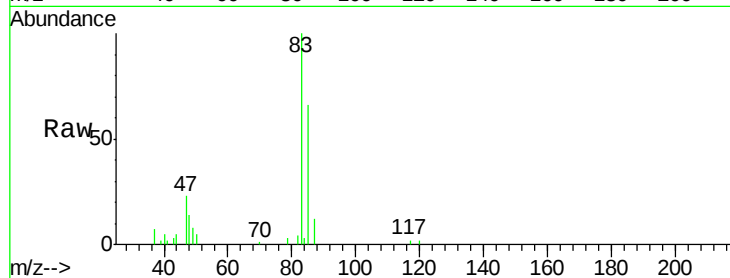
SB-2_13.0-13.5

Tot Ion: 83 Resp: 10047

Ion Ratio Lower Upper

83 100

85 65.5 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 54.365 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001194.D

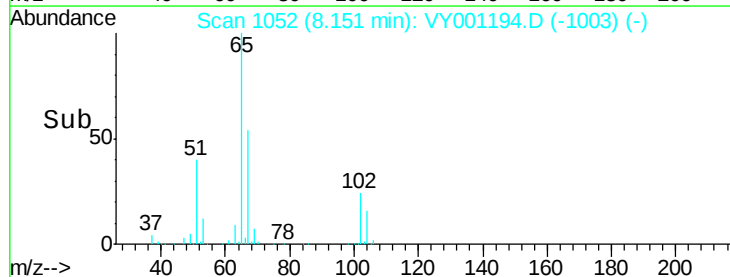
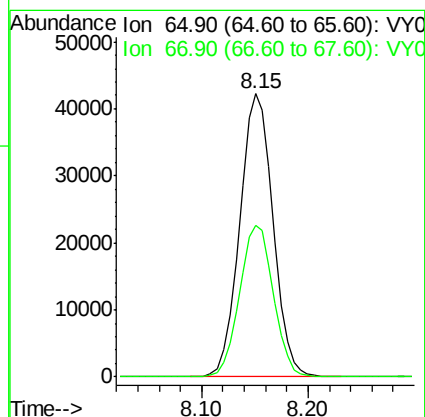
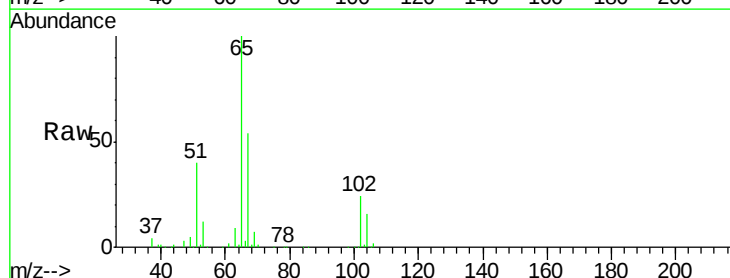
Acq: 14 Jan 2020 11:28

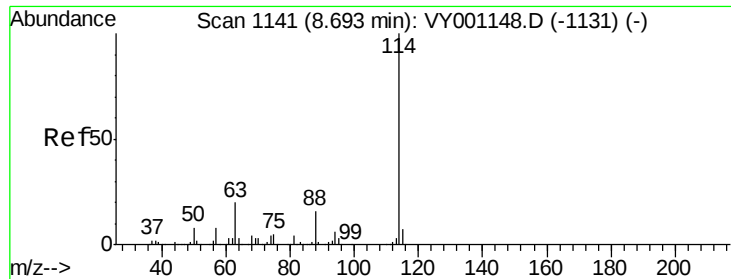
Tgt Ion: 65 Resp: 92566

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.2

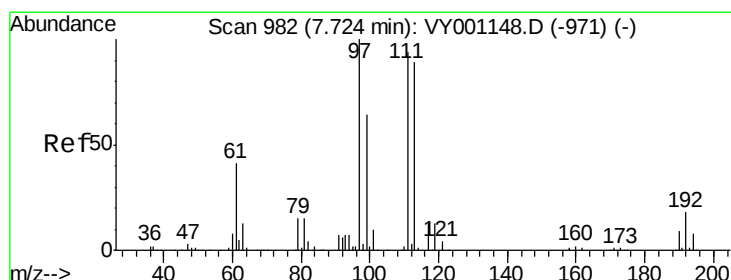
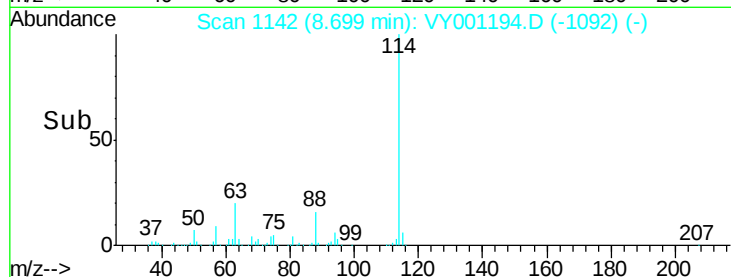
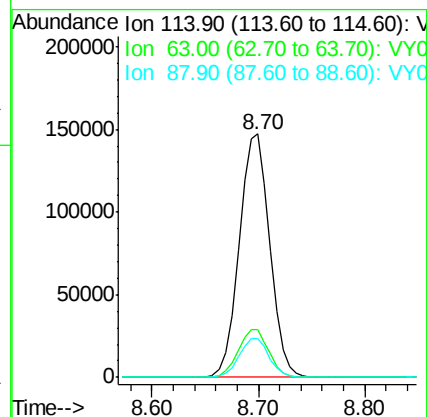
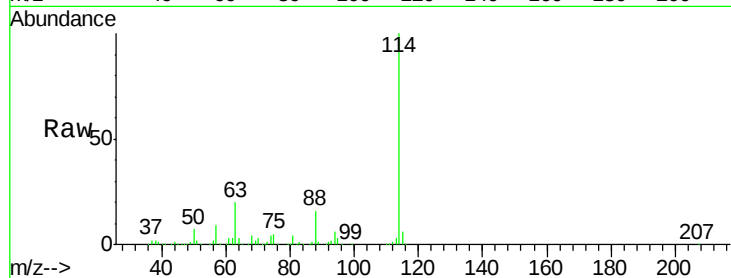




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

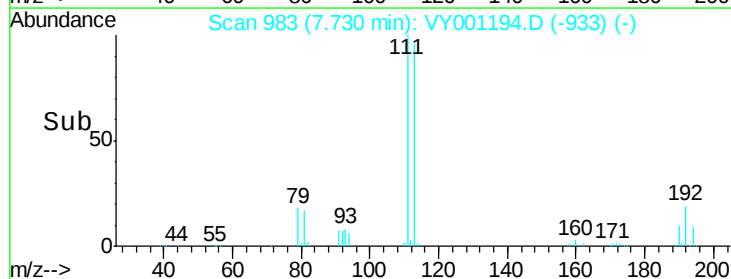
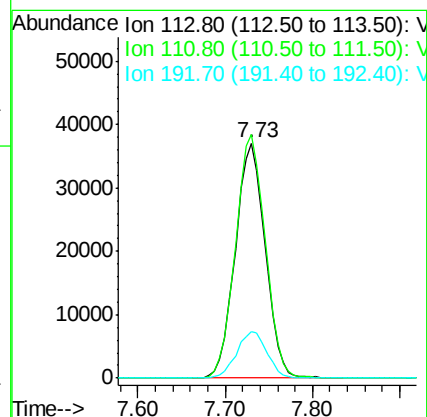
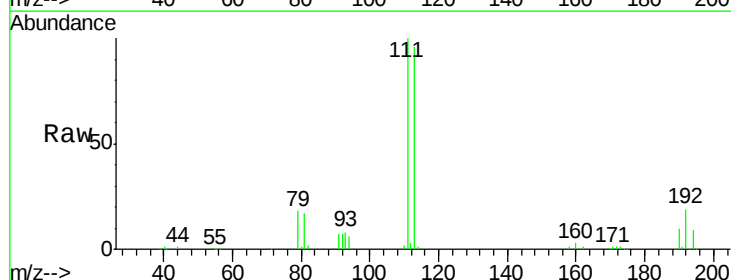
Instrument :
MSVOA_Y
ClientSampleId :
SB-2_13.0-13.5

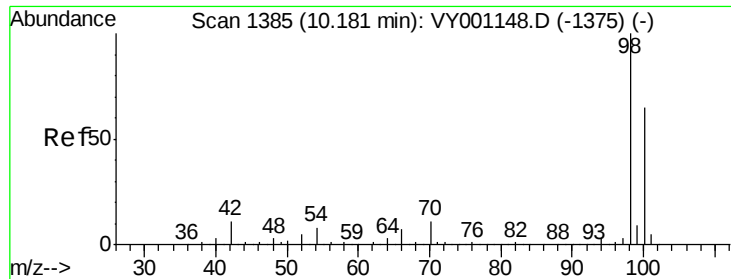
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.8	0.0	32.4



#35
Dibromofluoromethane
Concen: 51.036 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.9	15.4	23.2





#50

Toluene-d8

Concen: 52.381 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

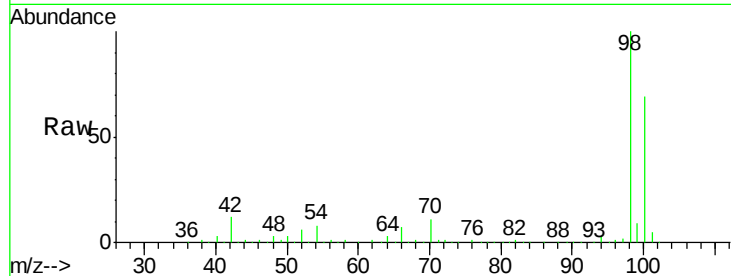
SB-2_13.0-13.5

Tot Ion: 98 Resp: 348611

Ion Ratio Lower Upper

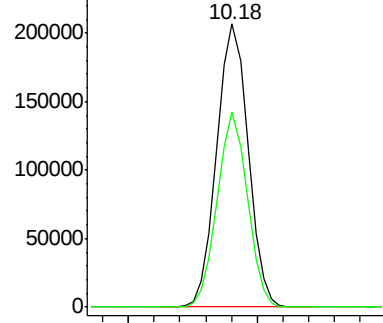
98 100

100 66.3 53.1 79.7

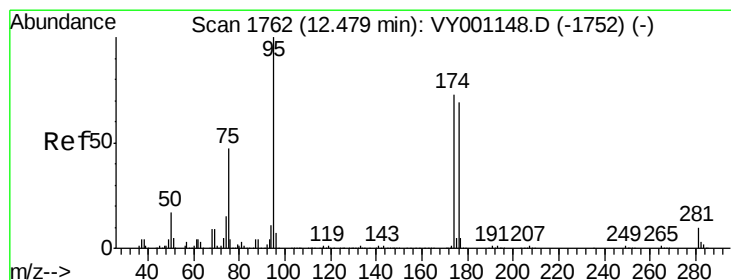
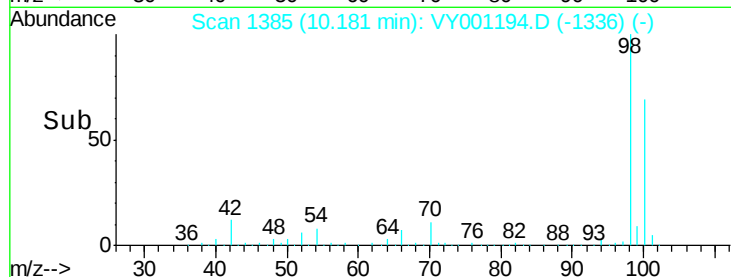


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 46.679 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

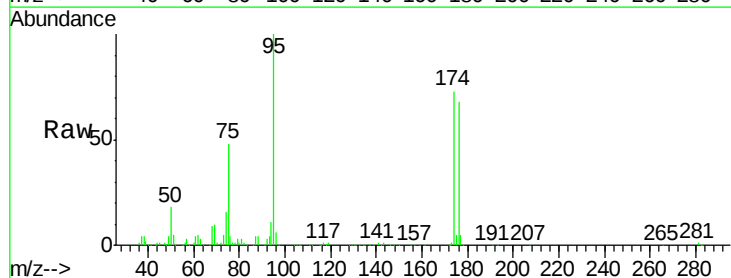
Tgt Ion: 95 Resp: 127007

Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.2

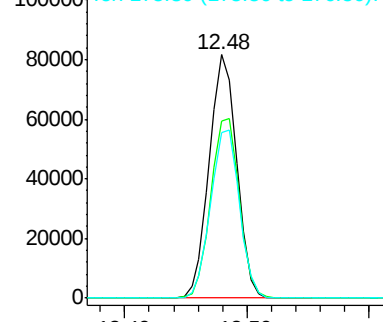
176 72.3 0.0 136.0



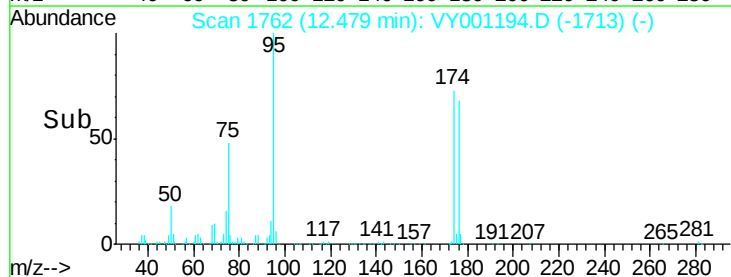
Abundance Ion 94.90 (94.60 to 95.60): VY0

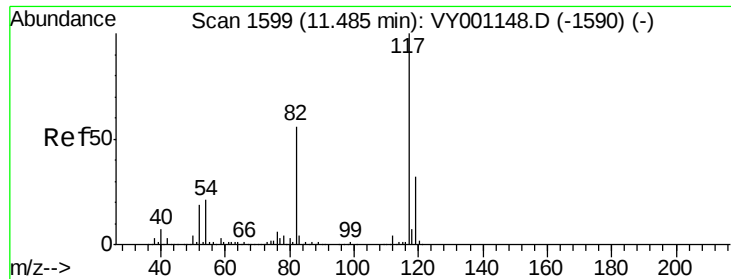
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

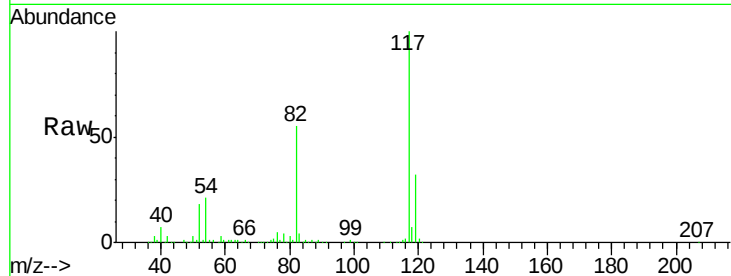




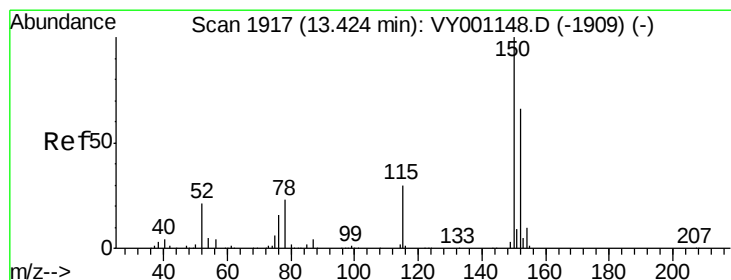
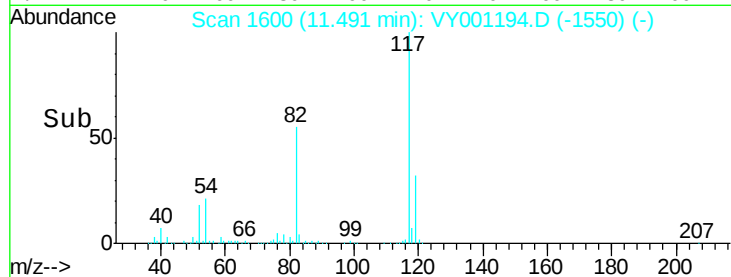
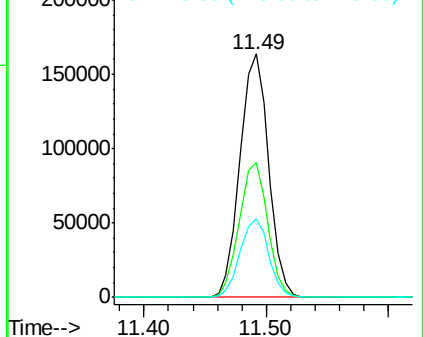
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-2_13.0-13.5

Tot Ion:117 Resp: 266032
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.3 25.7 38.5

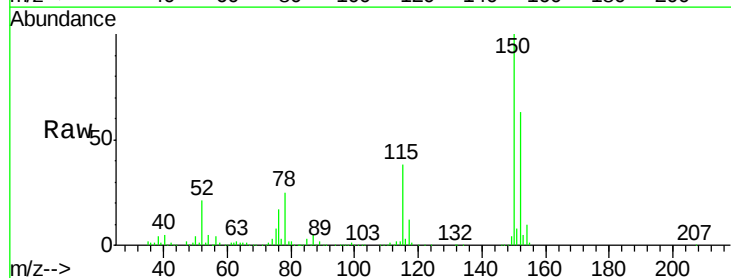


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Tgt Ion:152 Resp: 123528
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.5
150 157.7 0.0 346.8



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

