

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
 Data File : VY001420.D
 Acq On : 29 Jan 2020 15:41
 Operator : SY/MD
 Sample : L1296-01
 Misc : 7.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-51

Quant Time: Jan 29 16:20:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

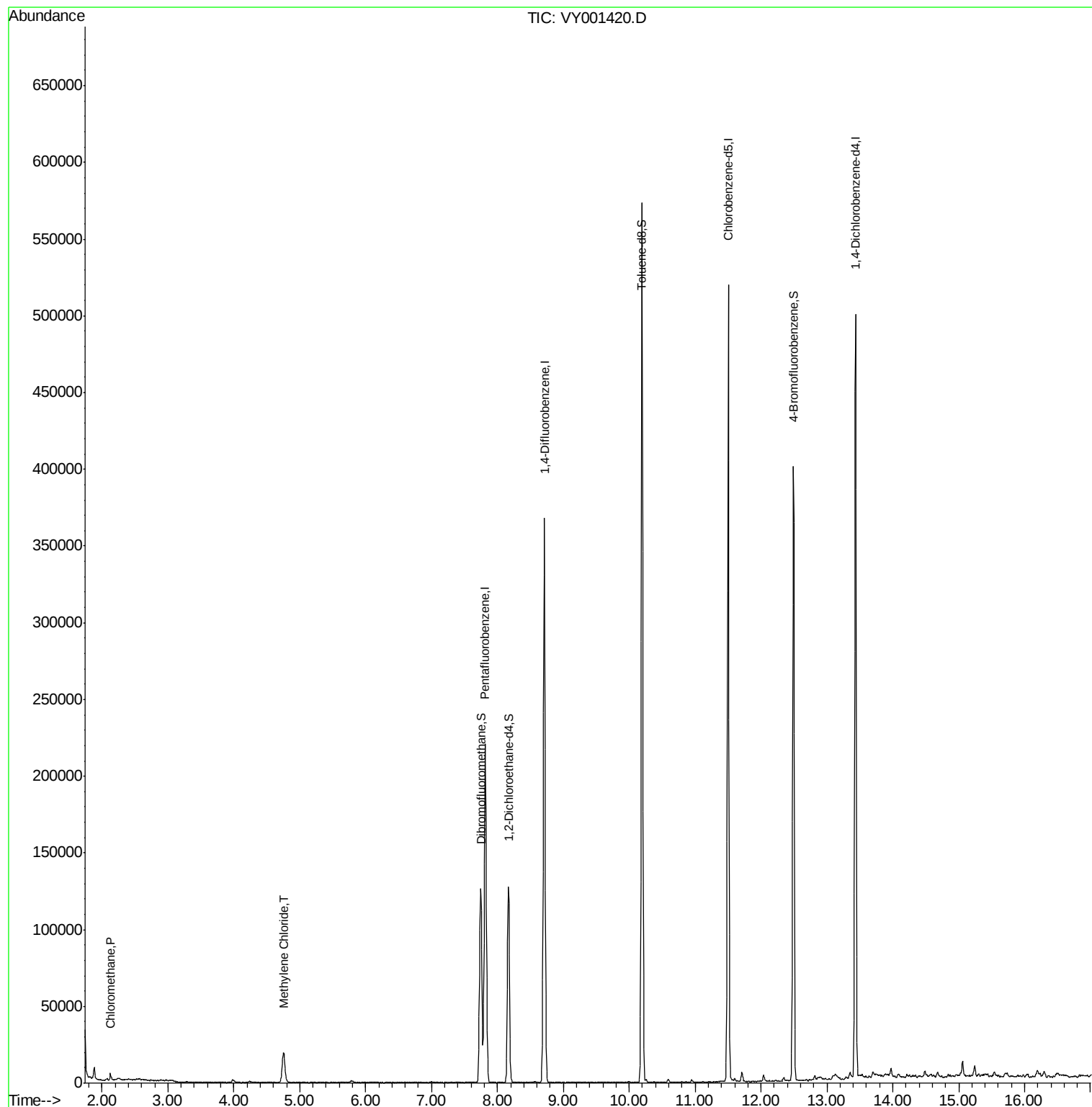
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	168000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	96077	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.75	113	92302	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.19	98	366924	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.49	95	131832	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
3) Chloromethane	2.13	50	3493	1.744	ug/l	92
20) Methylene Chloride	4.75	84	14262	2.272	ug/l	97

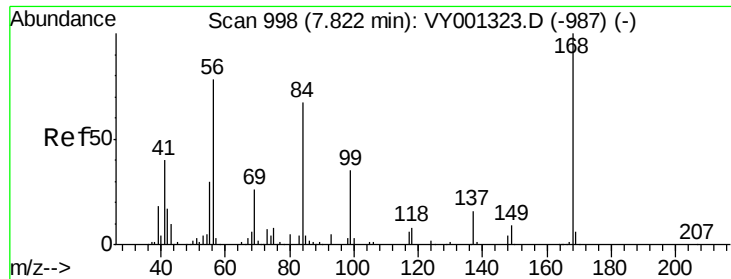
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

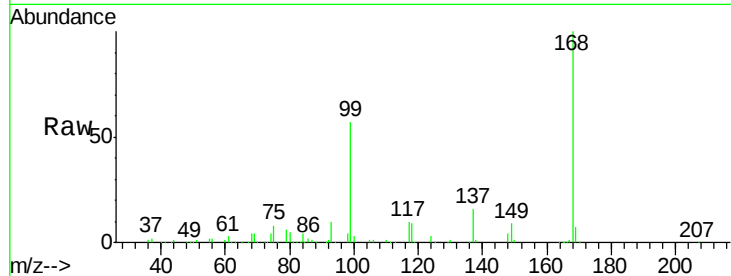
RBR-51

Tot Ion:168 Resp: 168000

Ion Ratio Lower Upper

168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

40000

20000

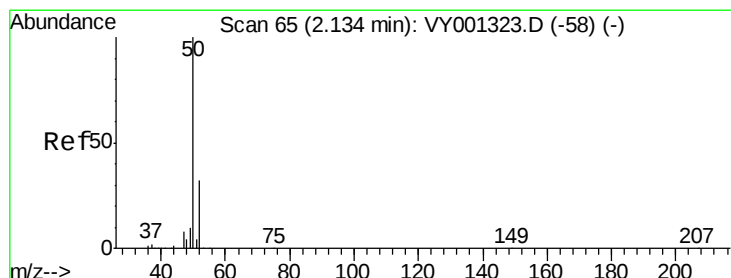
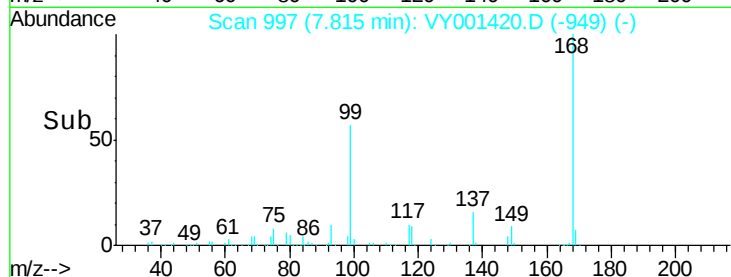
0

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 1.744 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001420.D

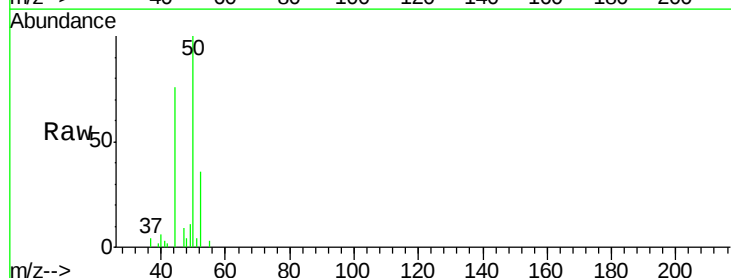
Acq: 29 Jan 2020 15:41

Tgt Ion: 50 Resp: 3493

Ion Ratio Lower Upper

50 100

52 36.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY001323.D (-58) (-)

Ion 51.90 (51.60 to 52.60): VY001323.D (-58) (-)

2.13

2500

2000

1500

1000

500

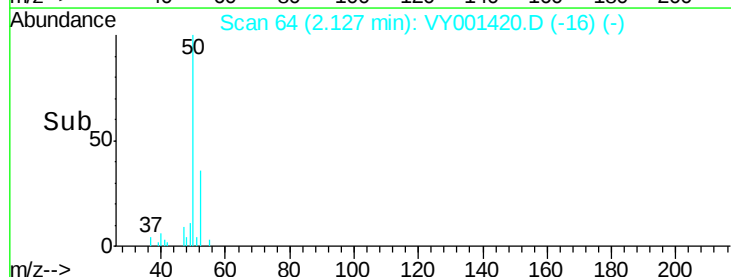
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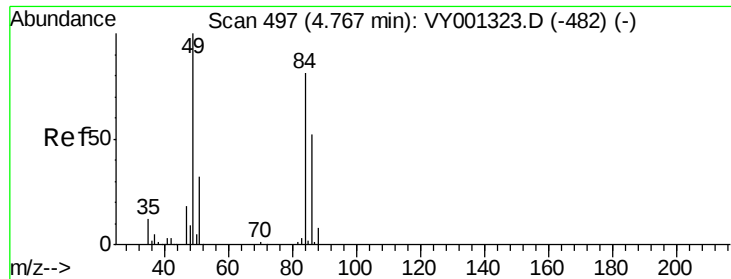
2.10

2.15

2.20

Time-->



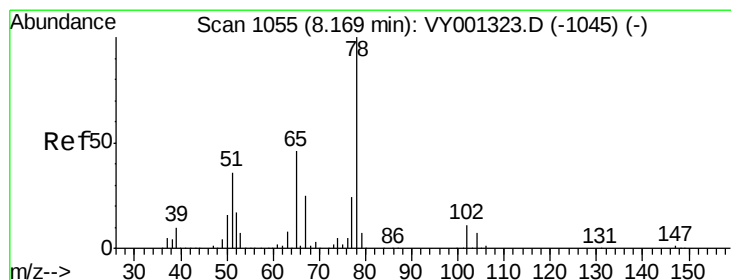
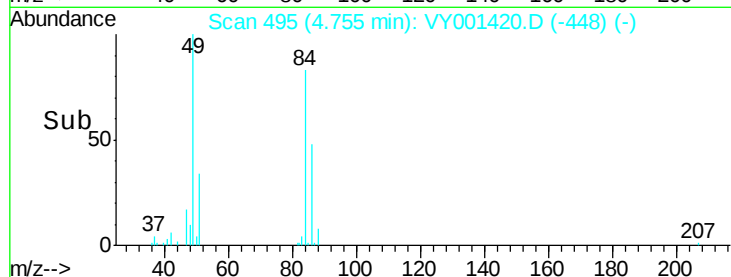
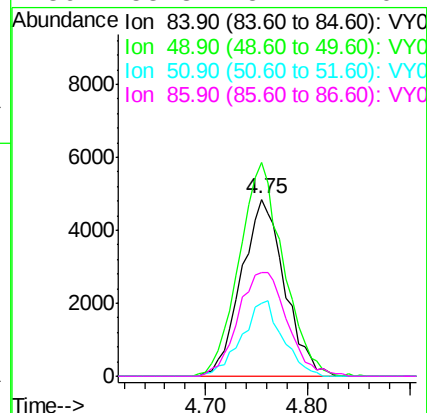
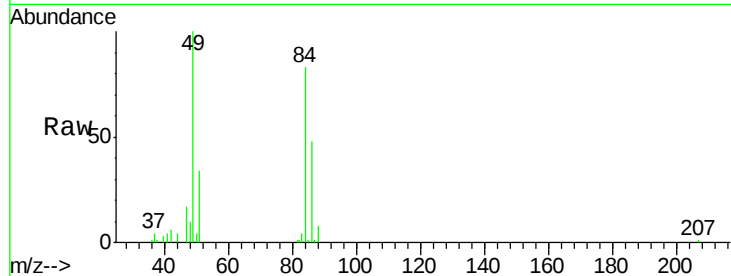


#20
Methylene Chloride
Concen: 2.272 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Instrument :
MSVOA_Y
ClientSampleId :
RBR-51

Tot Ion: 84 Resp: 14262

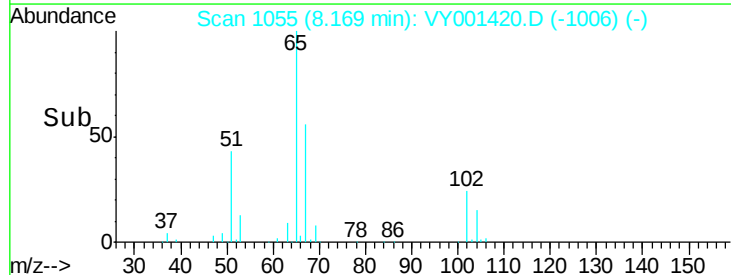
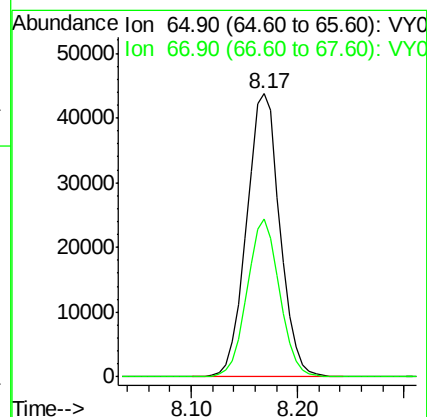
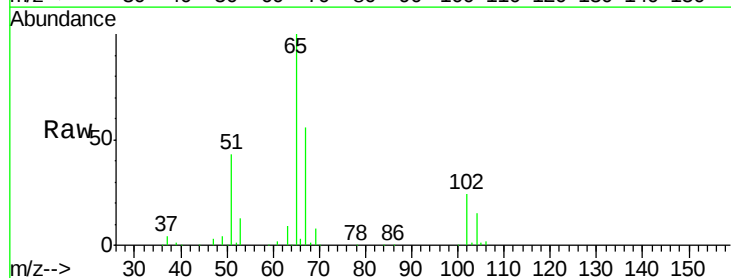
Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.3	147.5
51	41.1	31.6	47.4
86	58.3	51.1	76.7

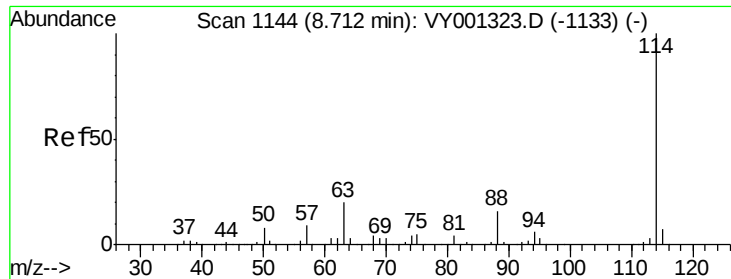


#33
1,2-Dichloroethane-d4
Concen: 52.556 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Tgt Ion: 65 Resp: 96077

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.6

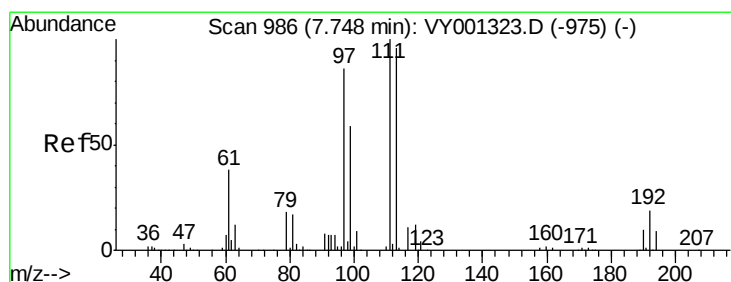
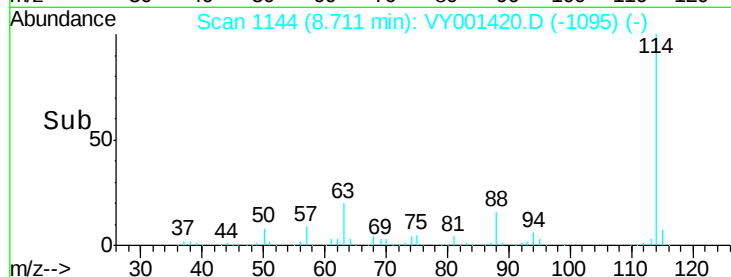
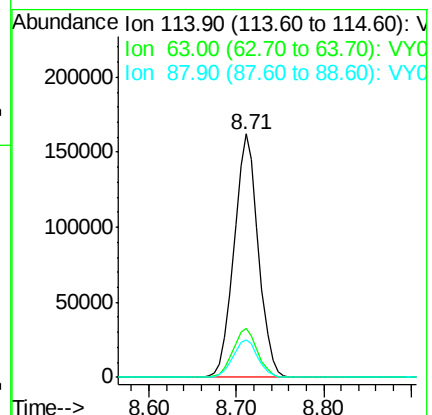
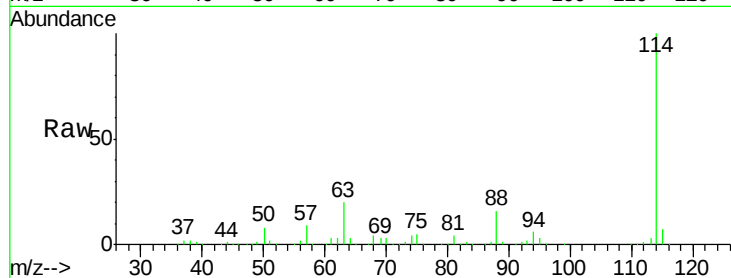




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

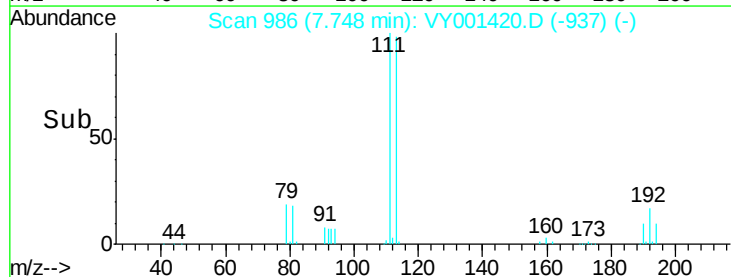
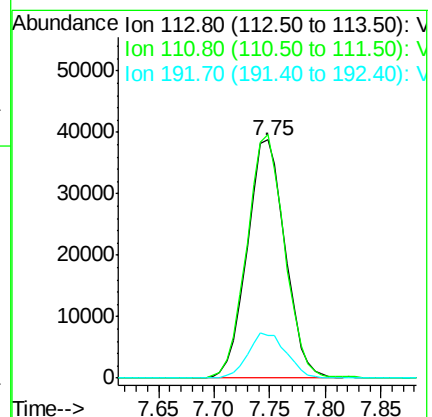
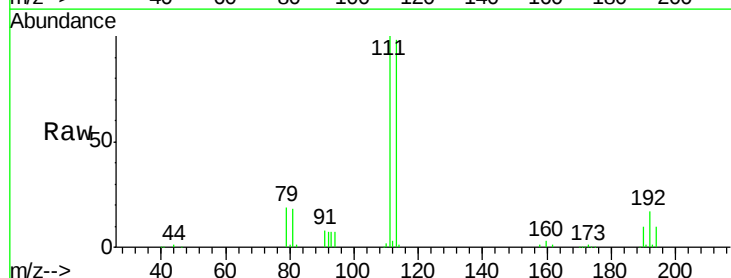
Instrument :
MSVOA_Y
ClientSampleId :
RBR-51

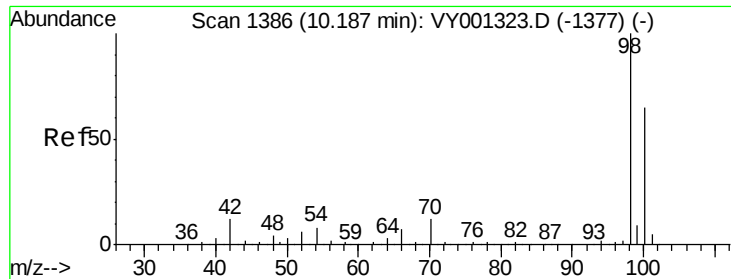
Tot Ion:114 Resp: 310258
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.689 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Tgt Ion:113 Resp: 92302
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 19.2 15.5 23.3





#50

Toluene-d8

Concen: 51.864 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

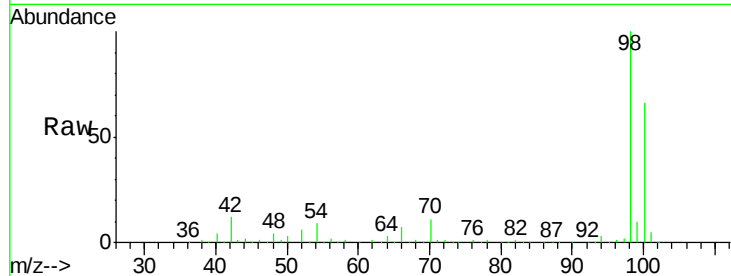
RBR-51

Tot Ion: 98 Resp: 366924

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

10.19

250000

200000

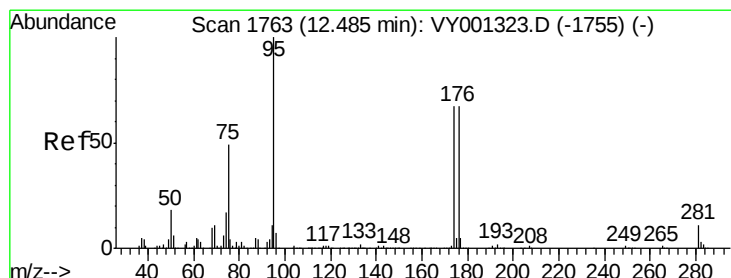
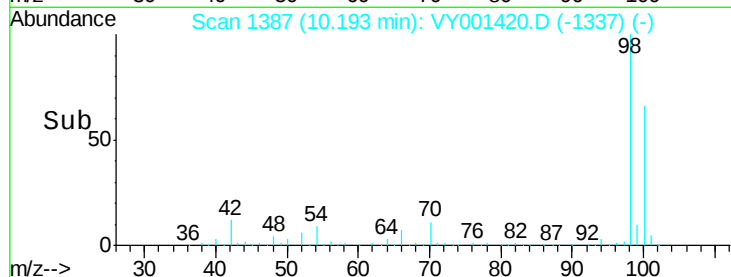
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.792 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

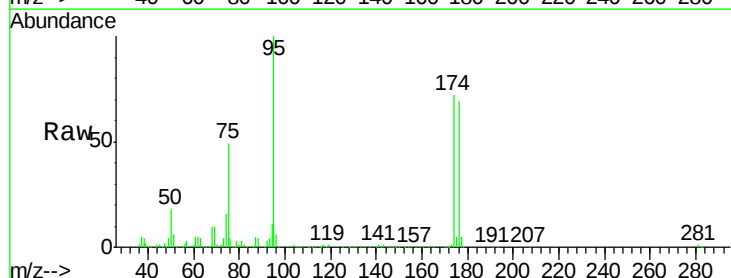
Tgt Ion: 95 Resp: 131832

Ion Ratio Lower Upper

95 100

174 74.3 0.0 142.0

176 71.4 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

12.49

120000

100000

80000

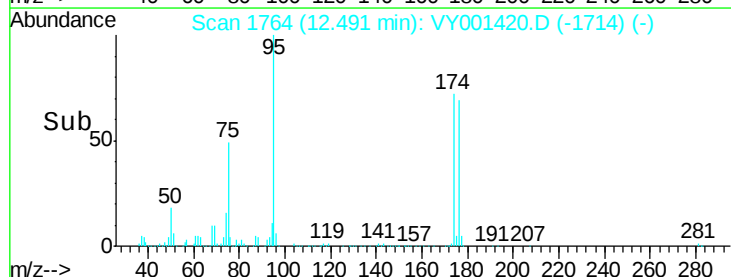
60000

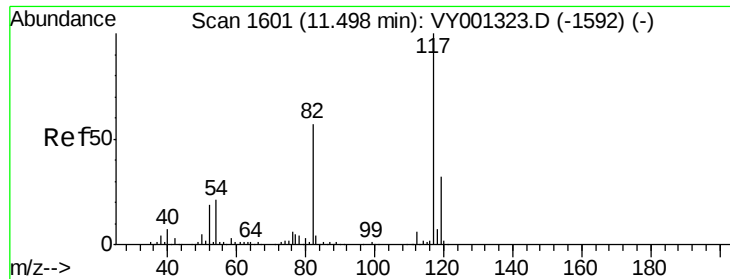
40000

20000

0

Time-->

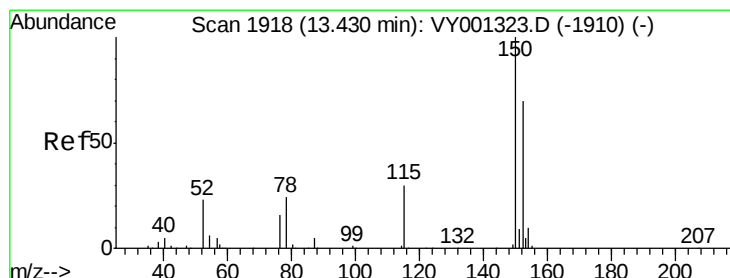
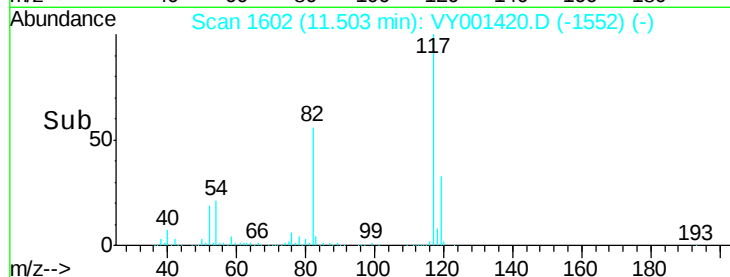
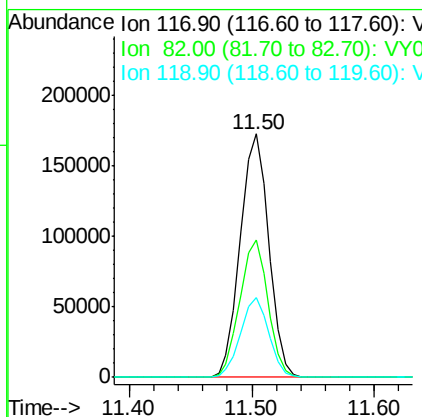
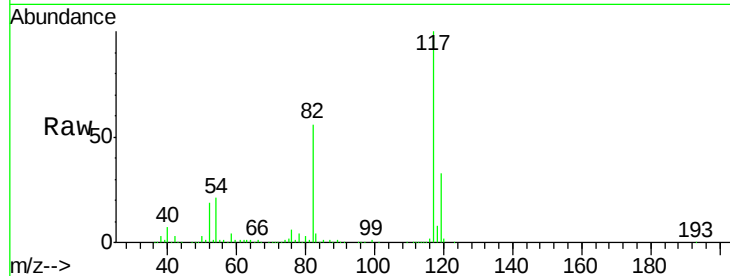




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Instrument :
MSVOA_Y
ClientSampleId :
RBR-51

Tot Ion:117 Resp: 279399
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Tgt Ion:152 Resp: 120535
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.8
150 157.5 0.0 349.2

