

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110719\
 Data File : VY000590.D
 Acq On : 07 Nov 2019 18:47
 Operator : SY/MD
 Sample : K5722-02
 Misc : 8.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-B

Quant Time: Nov 08 05:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

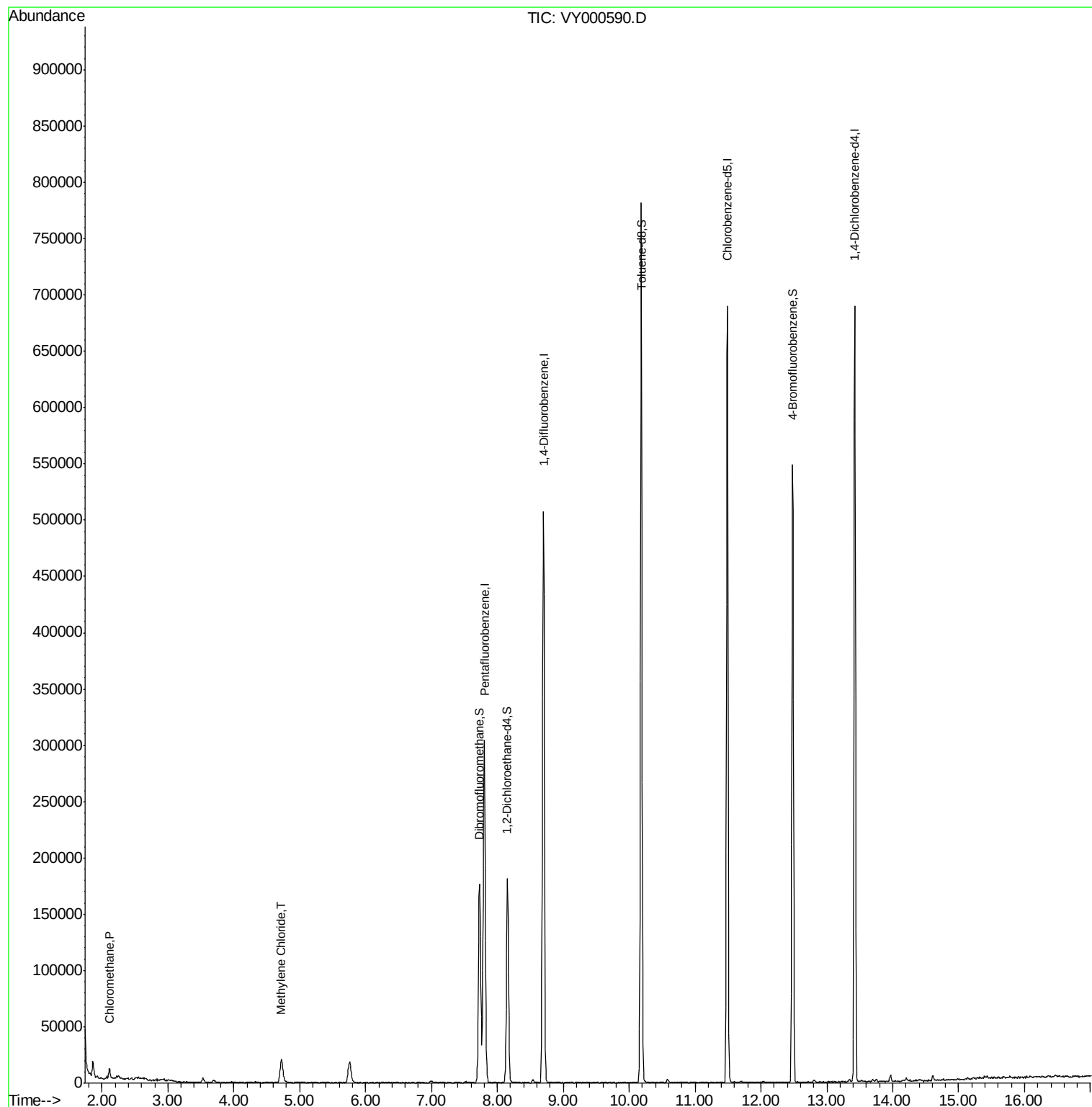
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	421407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	138661	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
35) Dibromofluoromethane	7.73	113	124193	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.18	98	490141	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	165527	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
Target Compounds						
3) Chloromethane	2.12	50	7986	2.530	ug/l	99
20) Methylene Chloride	4.72	84	14908	5.240	ug/l	93

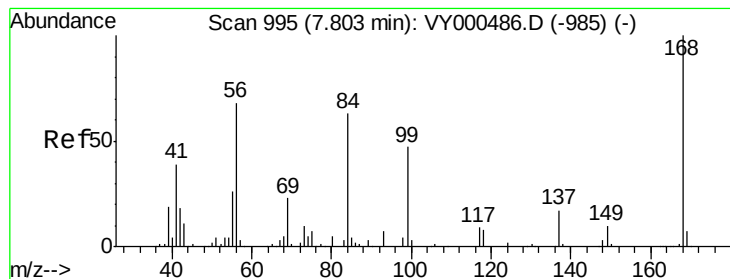
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000590.D

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Instrument :

MSVOA_Y

ClientSampleId :

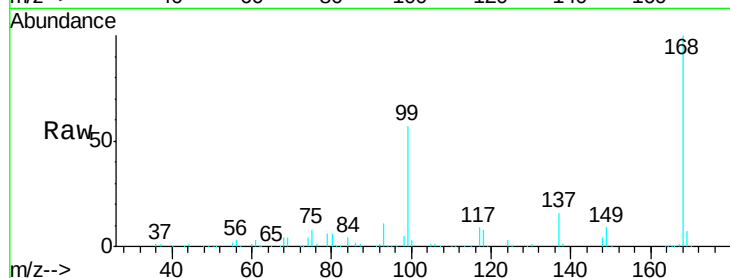
4-B

Tgt Ion:168 Resp: 232769

Ion Ratio Lower Upper

168 100

99 57.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

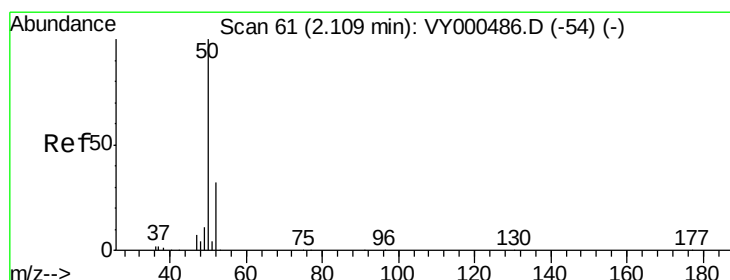
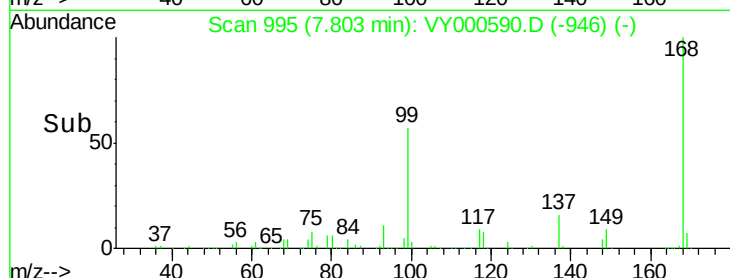
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.530 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000590.D

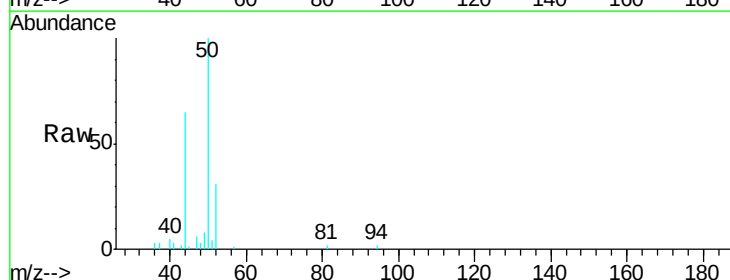
Acq: 07 Nov 2019 18:47

Tgt Ion: 50 Resp: 7986

Ion Ratio Lower Upper

50 100

52 30.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)

Ion 51.90 (51.60 to 52.60): VY000486.D (-54) (-)

2.12

6000

5000

4000

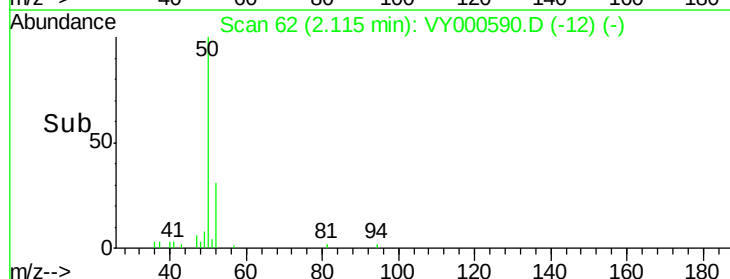
3000

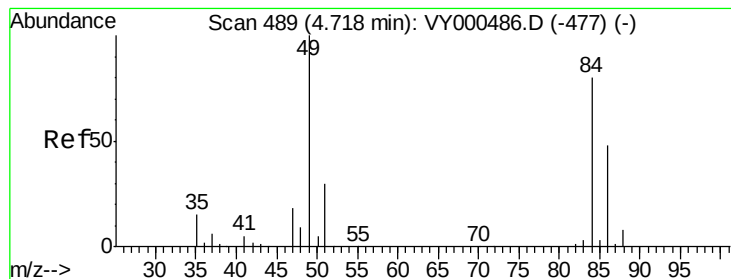
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 5.240 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000590.D

Acq: 07 Nov 2019 18:47

Instrument :

MSVOA_Y

ClientSampled :

4-B

Tgt Ion: 84 Resp: 14908

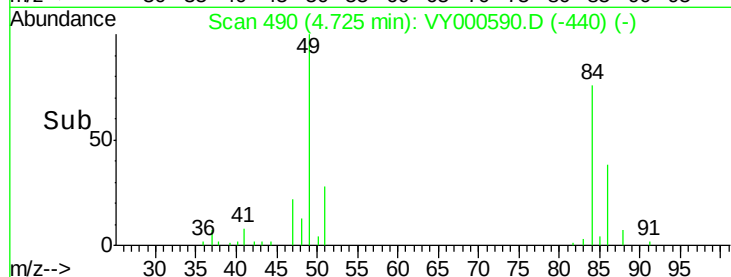
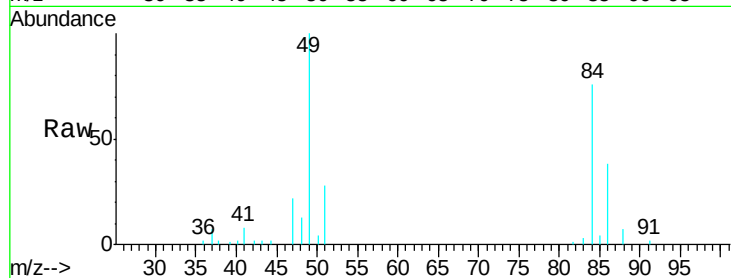
Ion Ratio Lower Upper

84 100

49 132.3 100.2 150.4

51 37.2 29.6 44.4

86 50.5 48.3 72.5

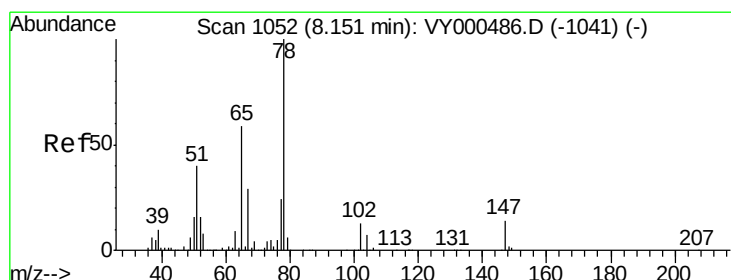
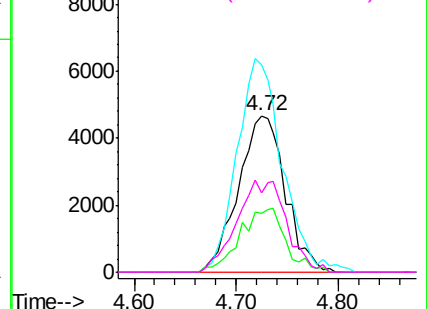


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.563 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000590.D

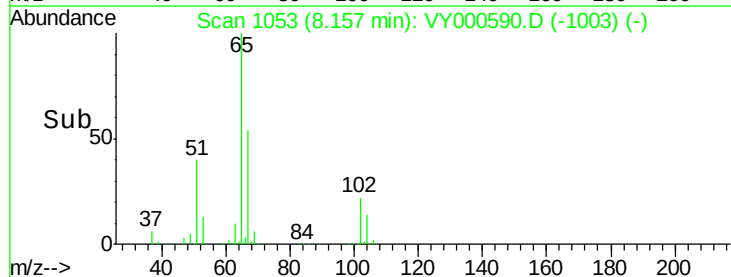
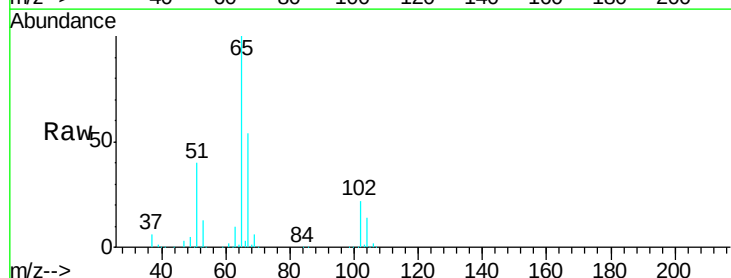
Acq: 07 Nov 2019 18:47

Tgt Ion: 65 Resp: 138661

Ion Ratio Lower Upper

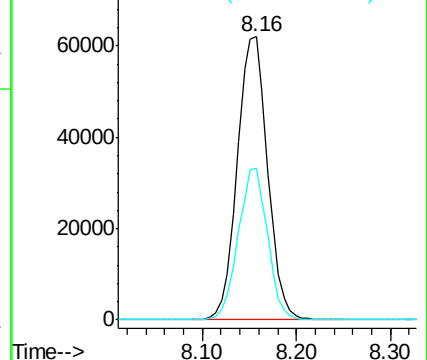
65 100

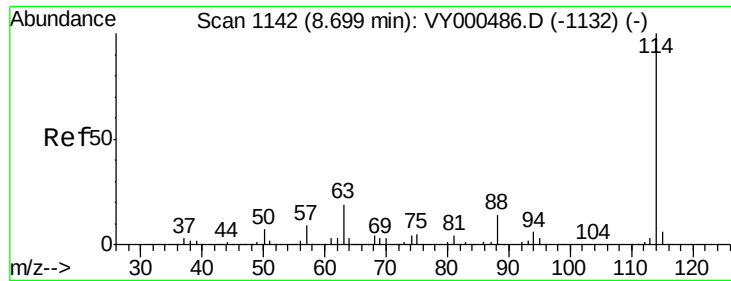
67 51.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

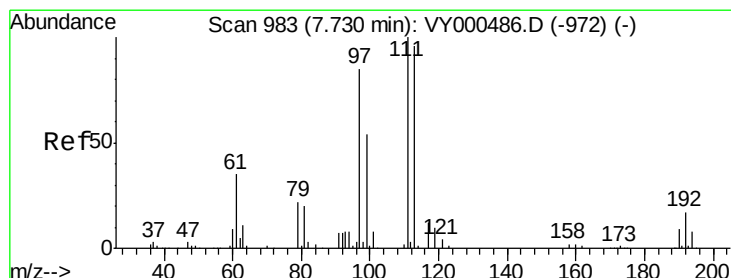
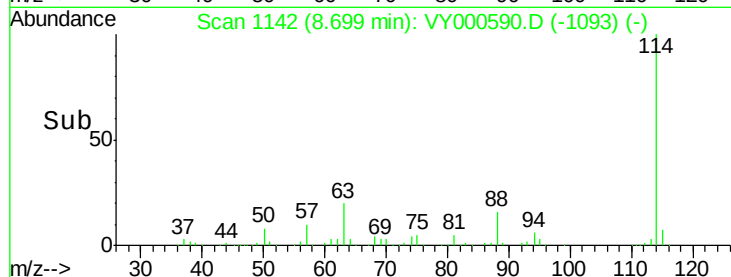
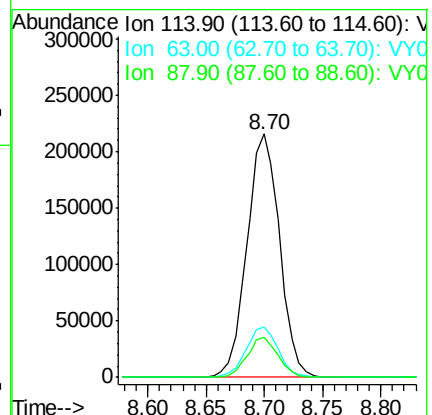
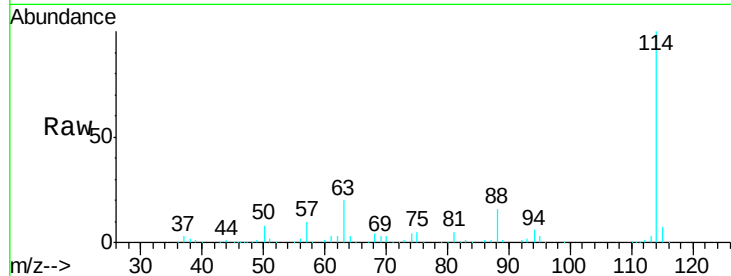




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000590.D
 Acq: 07 Nov 2019 18:47

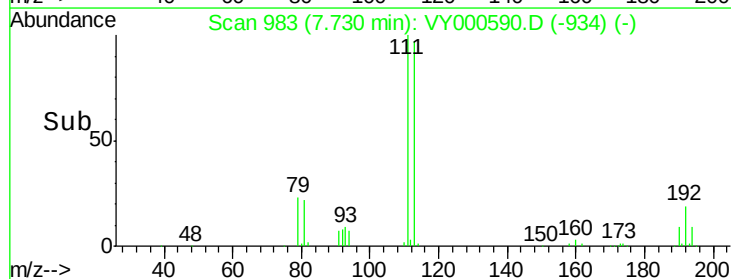
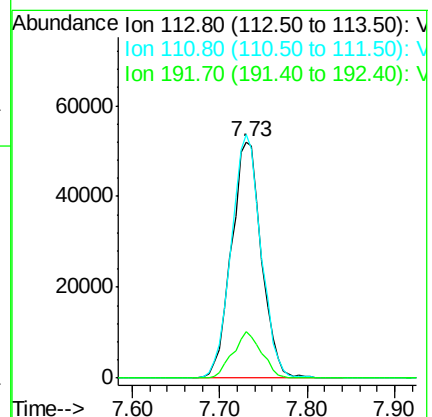
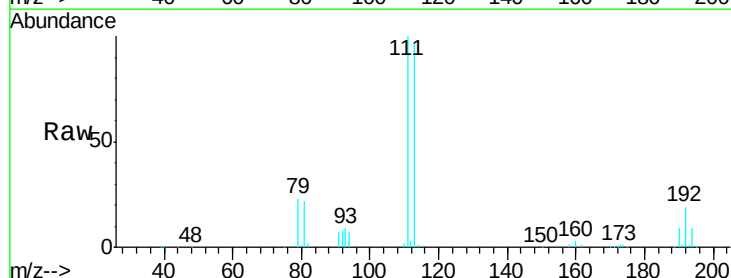
Instrument :
 MSVOA_Y
 ClientSampleId :
 4-B

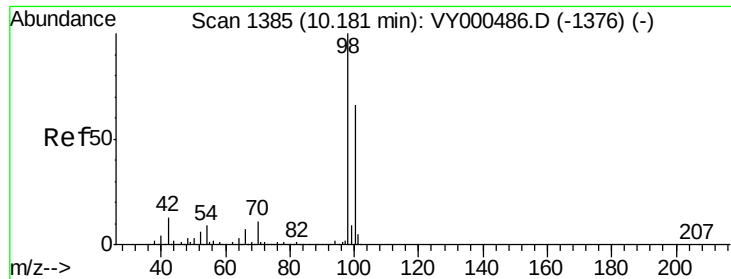
Tgt Ion:114 Resp: 421407
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 16.5 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.201 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000590.D
 Acq: 07 Nov 2019 18:47

Tgt Ion:113 Resp: 124193
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 18.8 15.0 22.4





#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000590.D

Acq: 07 Nov 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

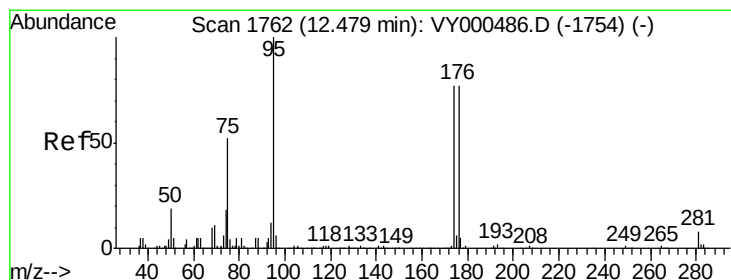
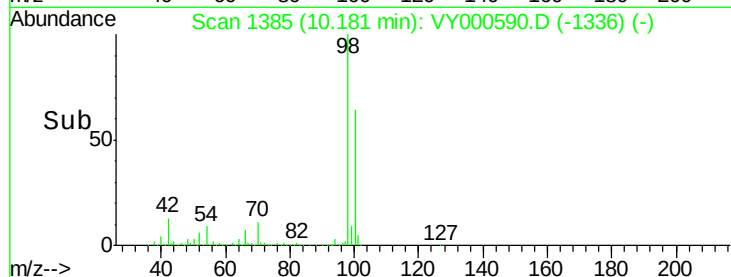
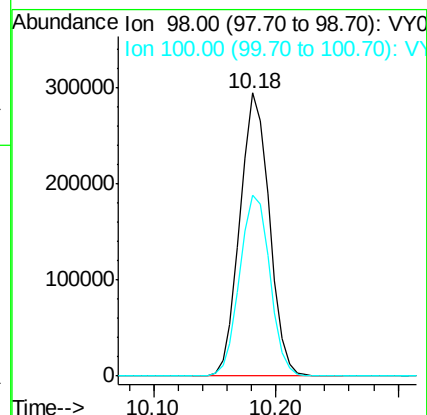
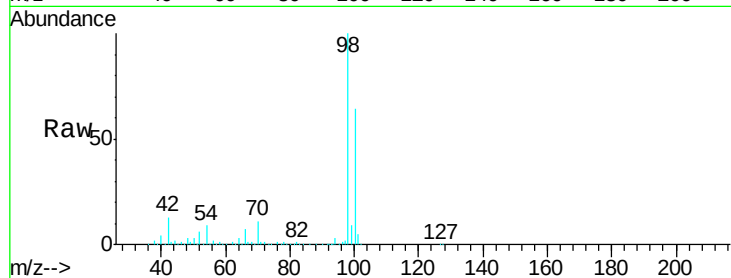
4-B

Tgt Ion: 98 Resp: 490141

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.318 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000590.D

Acq: 07 Nov 2019 18:47

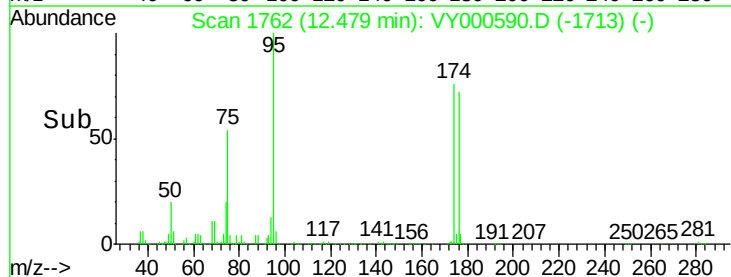
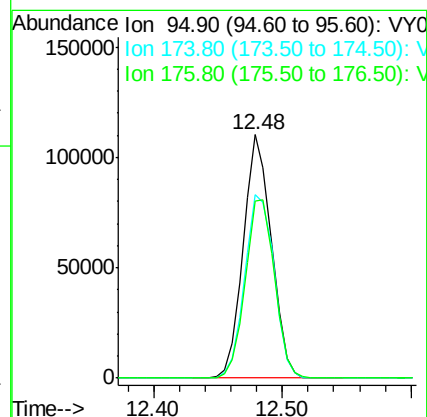
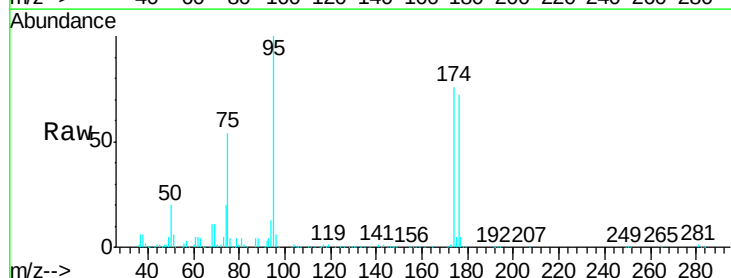
Tgt Ion: 95 Resp: 165527

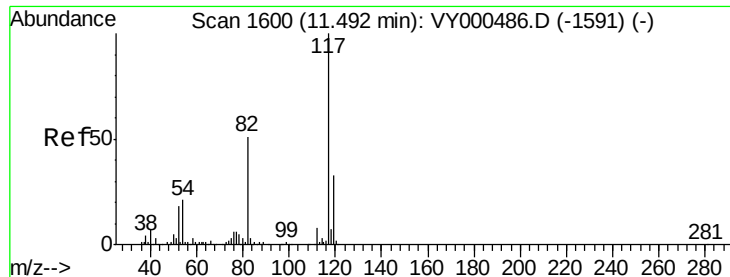
Ion Ratio Lower Upper

95 100

174 78.9 0.0 161.6

176 76.2 0.0 157.8

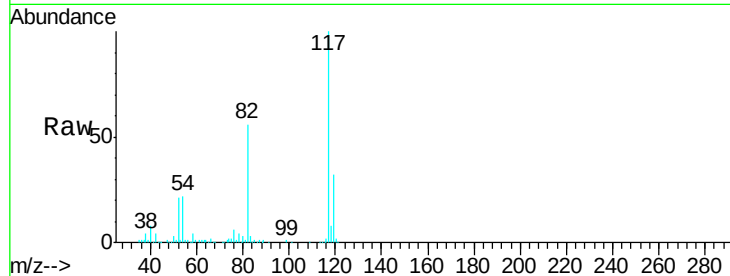




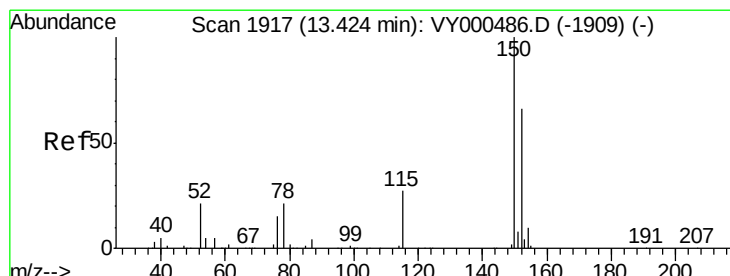
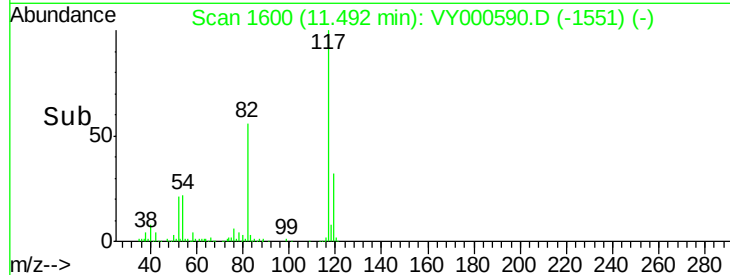
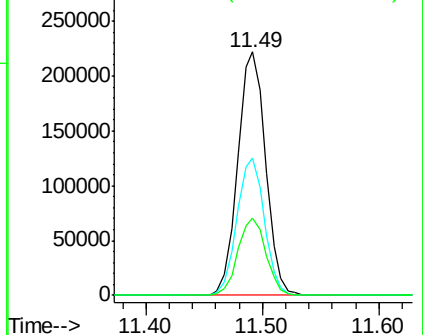
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000590.D
Acq: 07 Nov 2019 18:47

Instrument :
MSVOA_Y
ClientSampleId :
4-B

Tgt Ion:117 Resp: 370203
Ion Ratio Lower Upper
117 100
82 56.3 40.8 61.2
119 31.6 26.2 39.2

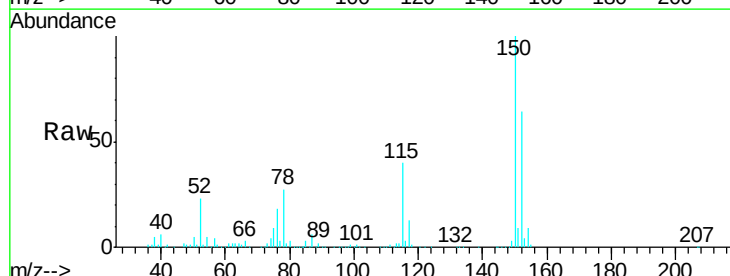


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000590.D
Acq: 07 Nov 2019 18:47

Tgt Ion:152 Resp: 163617
Ion Ratio Lower Upper
152 100
115 61.3 29.1 87.4
150 157.6 0.0 348.8



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

