

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000801.D
 Acq On : 26 Nov 2019 14:13
 Operator : SY/MD
 Sample : K6054-01
 Misc : 5.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-50

Quant Time: Nov 27 04:57:49 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

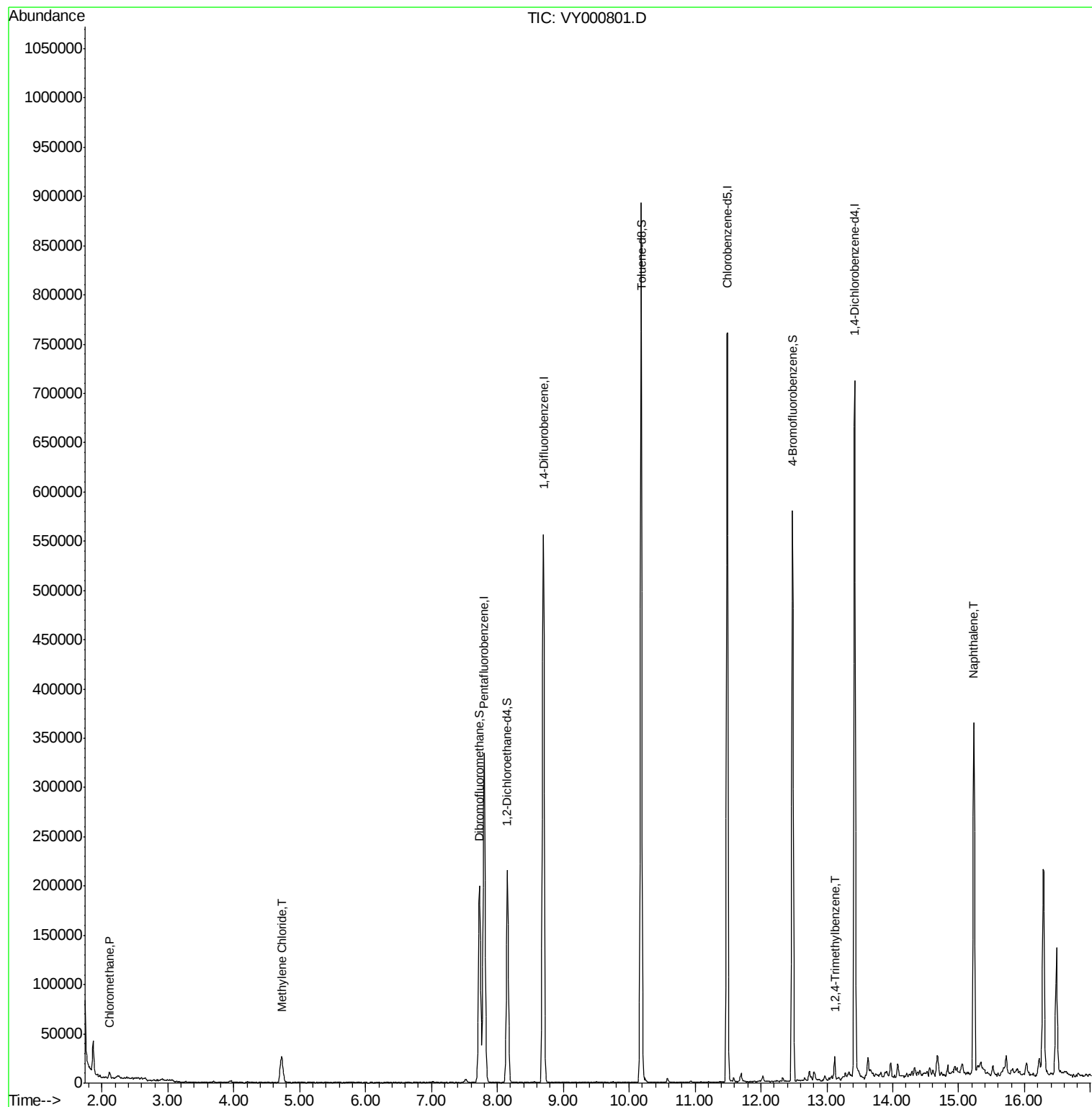
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	480670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	159906	59.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.76%	
35) Dibromofluoromethane	7.73	113	140863	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.18	98	567826	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.48	95	178842	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
3) Chloromethane	2.12	50	4906	1.402	ug/l	97
20) Methylene Chloride	4.73	84	19145	6.071	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	11850	1.167	ug/l	92
95) Naphthalene	15.23	128	284282	38.118	ug/l	99

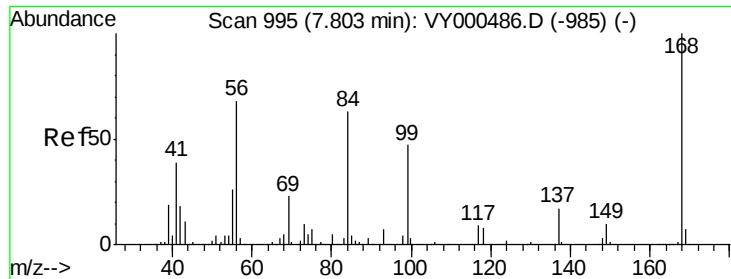
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000801.D

Acq: 26 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampled :

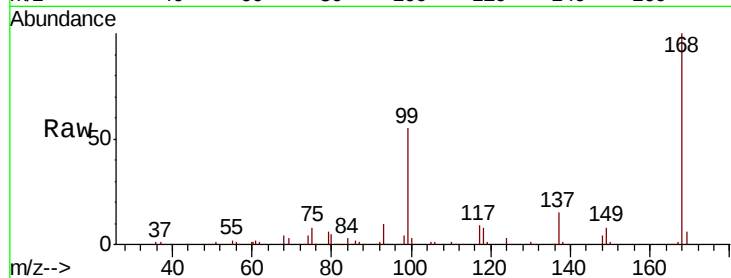
RBR-50

Tot Ion:168 Resp: 258044

Ion Ratio Lower Upper

168 100

99 55.3 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) (-)

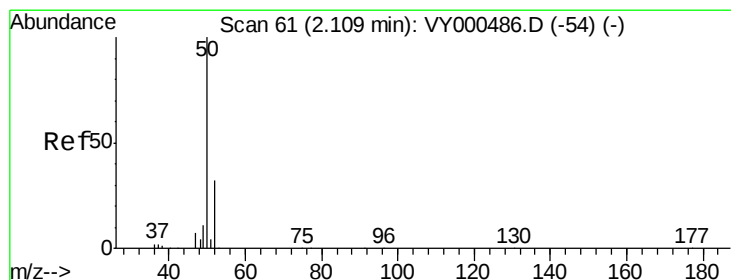
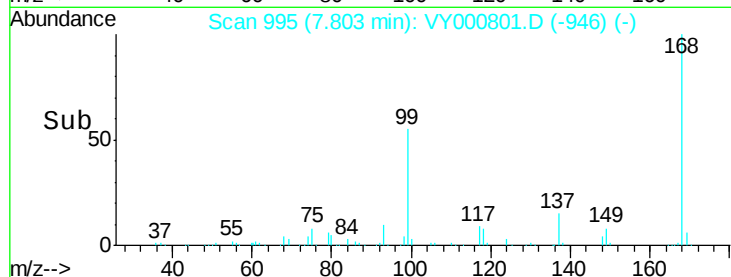
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.402 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000801.D

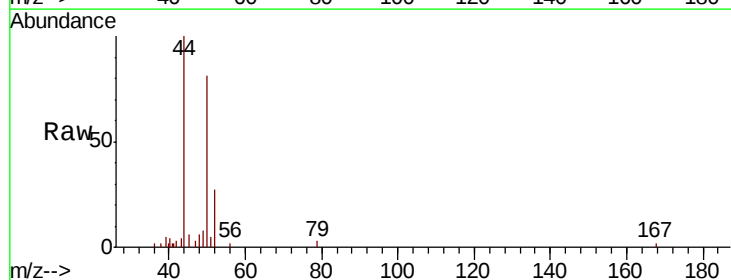
Acq: 26 Nov 2019 14:13

Tgt Ion: 50 Resp: 4906

Ion Ratio Lower Upper

50 100

52 33.1 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

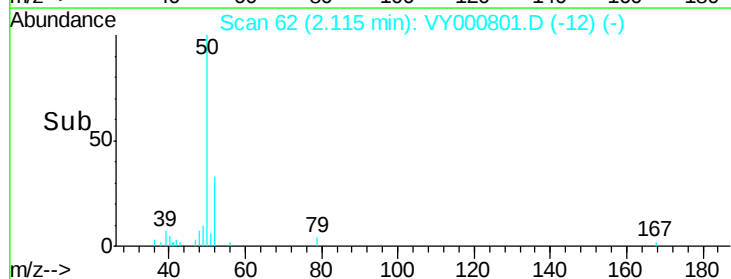
3000

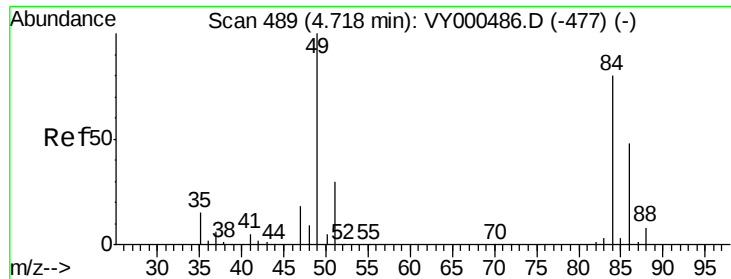
2000

1000

0

Time-->

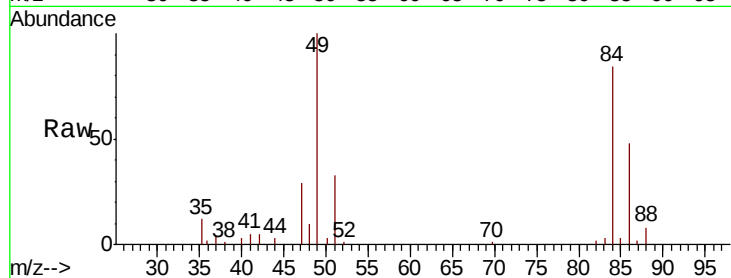




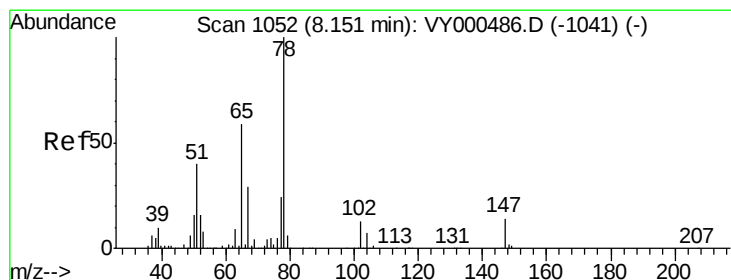
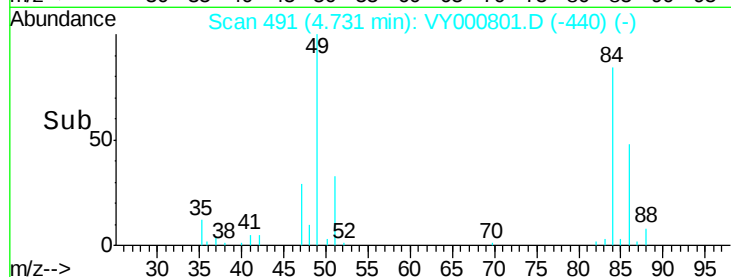
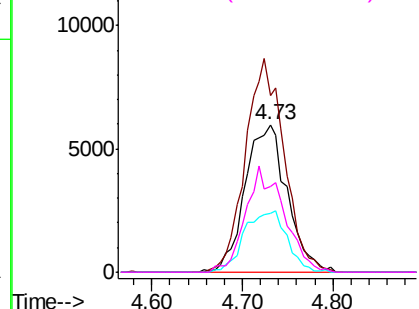
#20
Methylene Chloride
Concen: 6.071 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000801.D
Acq: 26 Nov 2019 14:13

Instrument :
MSVOA_Y
ClientSampled :
RBR-50

Tot Ion: 84 Resp: 19145
Ion Ratio Lower Upper
84 100
49 119.2 100.2 150.4
51 39.6 29.6 44.4
86 57.7 48.3 72.5

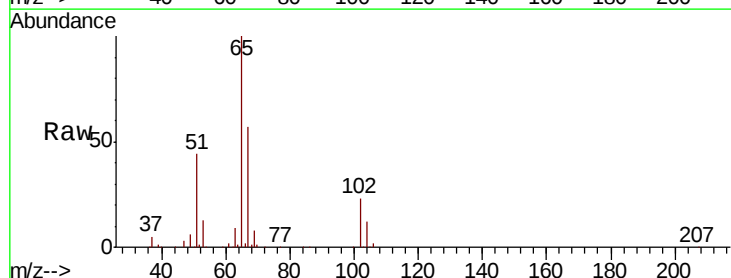


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

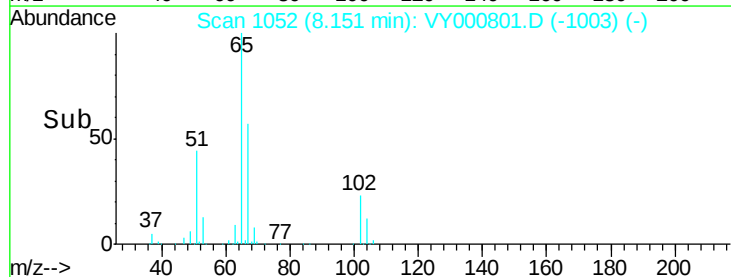
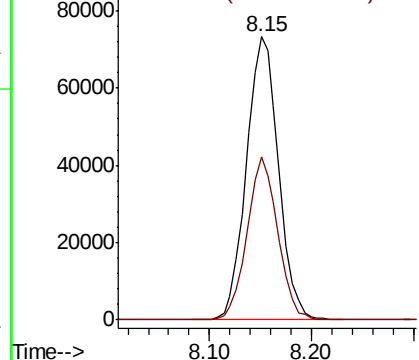


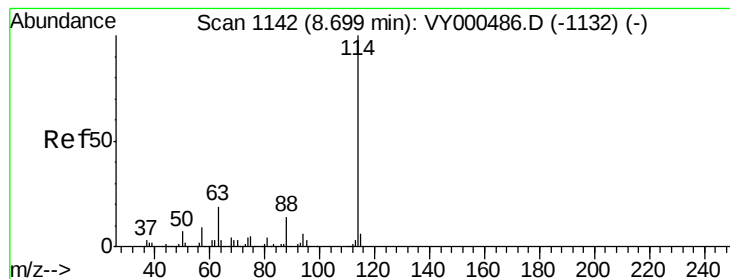
#33
1,2-Dichloroethane-d4
Concen: 59.881 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000801.D
Acq: 26 Nov 2019 14:13

Tgt Ion: 65 Resp: 159906
Ion Ratio Lower Upper
65 100
67 54.9 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: VY000801.D

Acq: 26 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

RBR-50

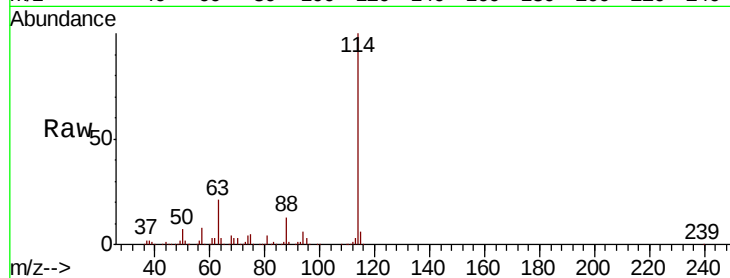
Tot Ion:114 Resp: 480670

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.0

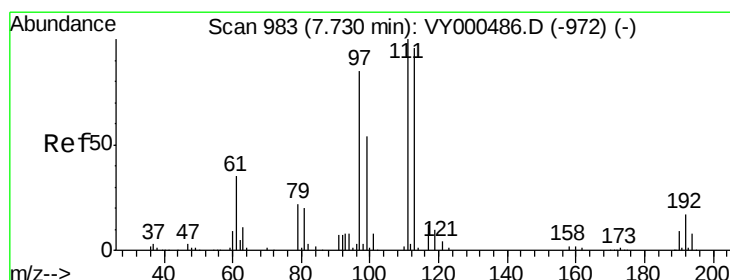
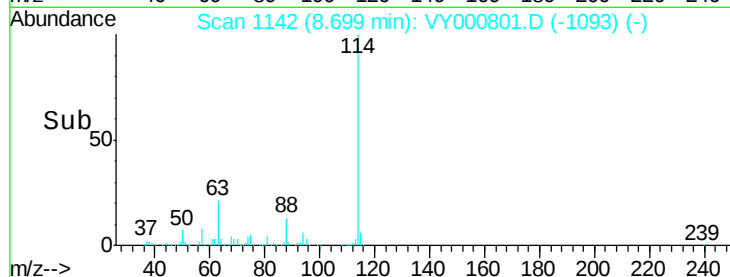
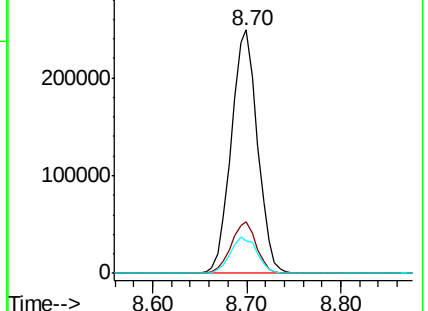
88 13.2 0.0 28.6



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: 49.919 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000801.D

Acq: 26 Nov 2019 14:13

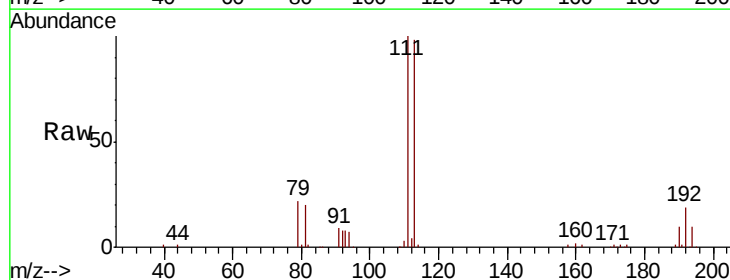
Tgt Ion:113 Resp: 140863

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

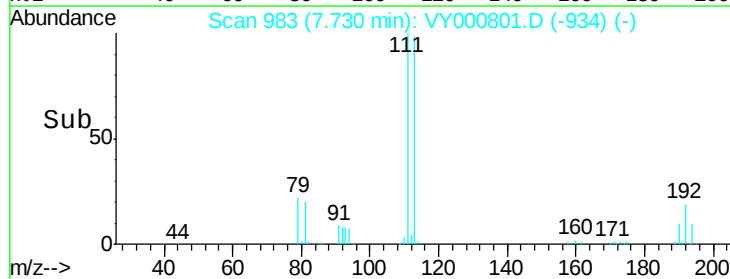
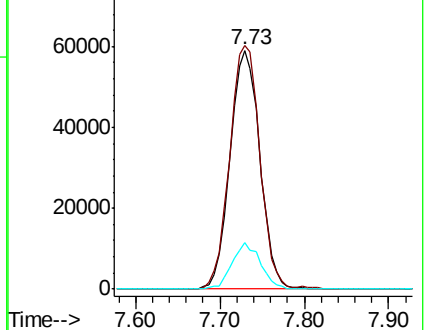
192 18.5 15.0 22.4

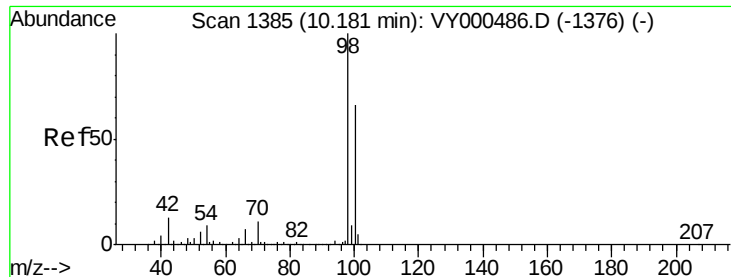


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

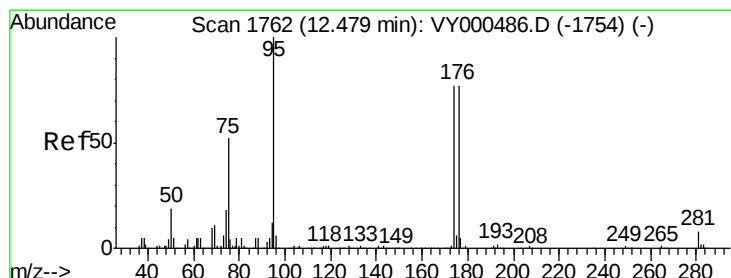
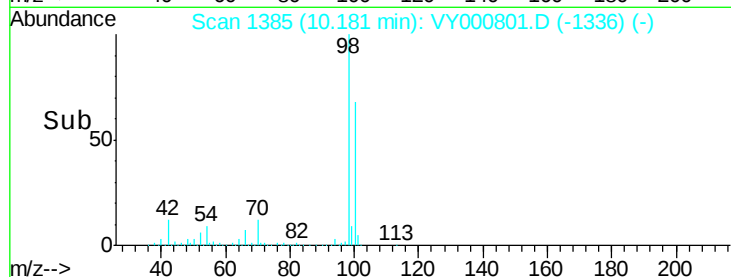
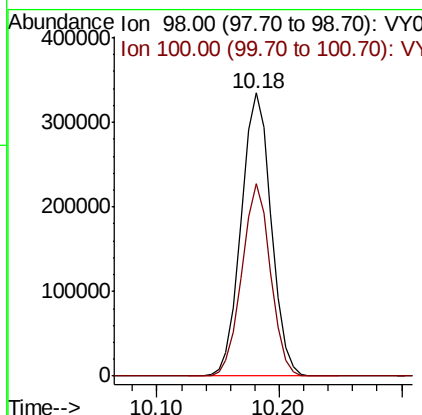
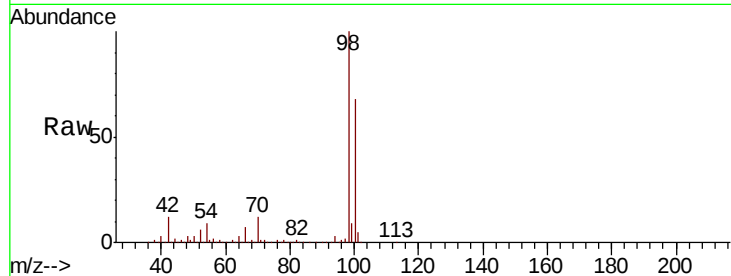




#50
Toluene-d8
Concen: 53.031 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000801.D
Acq: 26 Nov 2019 14:13

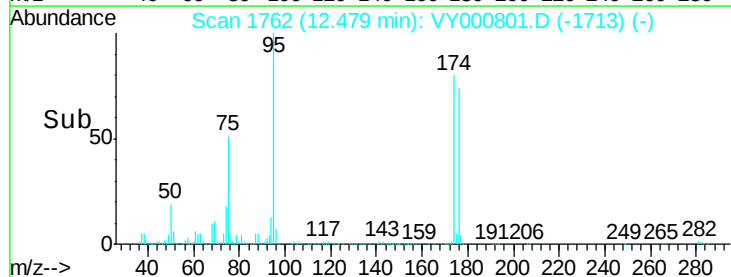
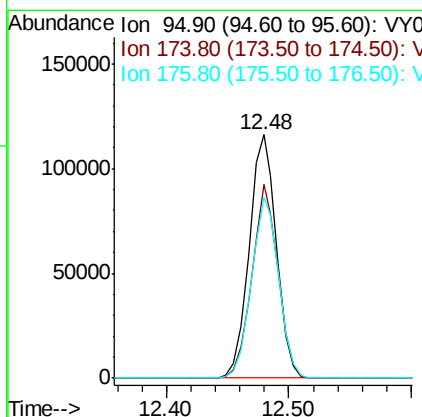
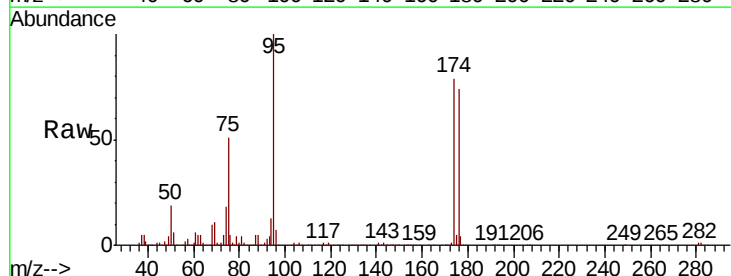
Instrument :
MSVOA_Y
ClientSampleId :
RBR-50

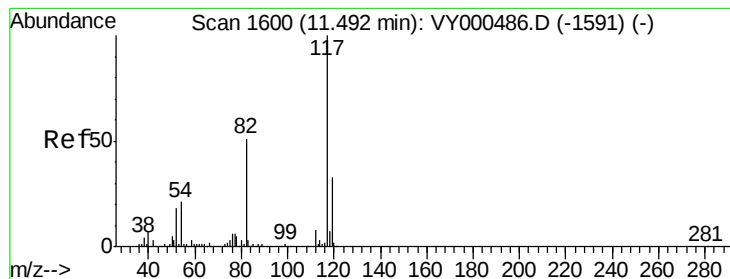
Tot Ion: 98 Resp: 567826
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.874 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000801.D
Acq: 26 Nov 2019 14:13

Tgt Ion: 95 Resp: 178842
Ion Ratio Lower Upper
95 100
174 76.6 0.0 161.6
176 74.8 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: VY000801.D

Acq: 26 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

RBR-50

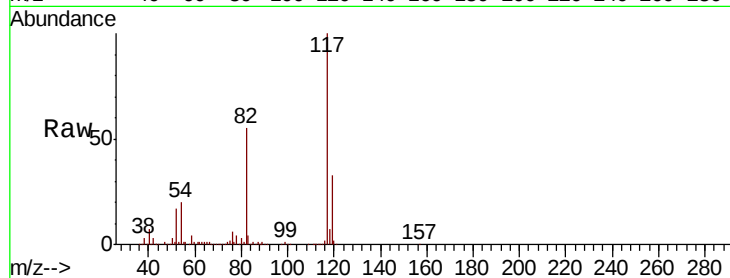
Tot Ion:117 Resp: 410810

Ion Ratio Lower Upper

117 100

82 54.6 40.8 61.2

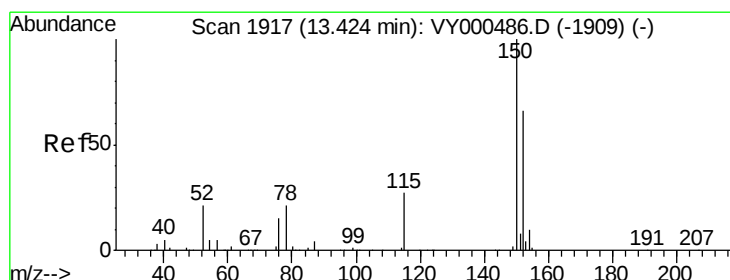
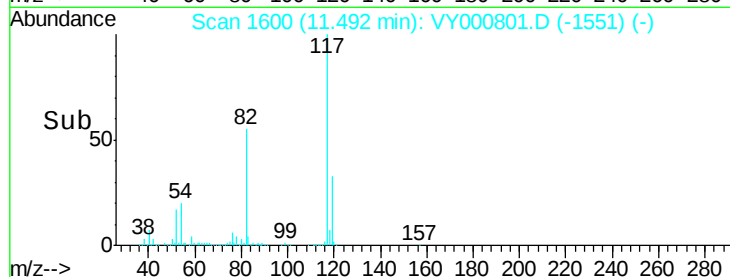
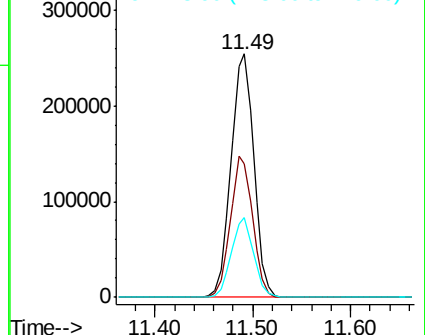
119 32.8 26.2 39.2



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: VY000801.D

Acq: 26 Nov 2019 14:13

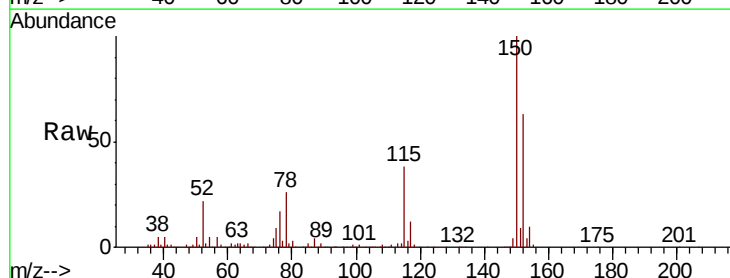
Tgt Ion:152 Resp: 165654

Ion Ratio Lower Upper

152 100

115 59.8 29.1 87.4

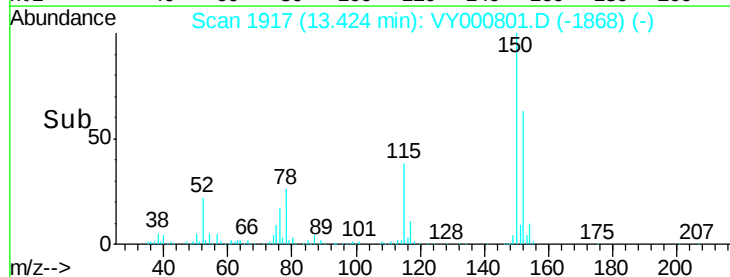
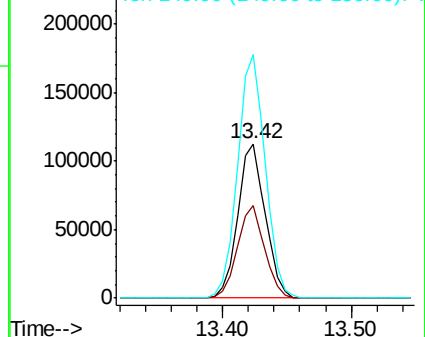
150 159.1 0.0 348.8

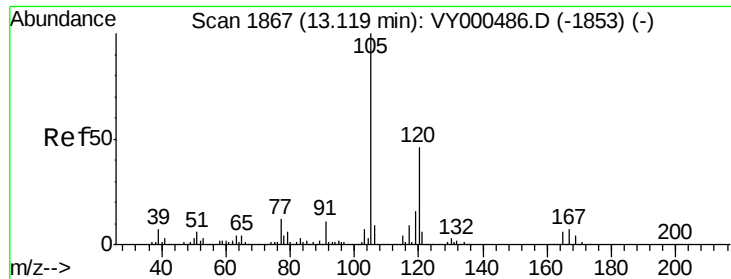


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.167 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000801.D

Acq: 26 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

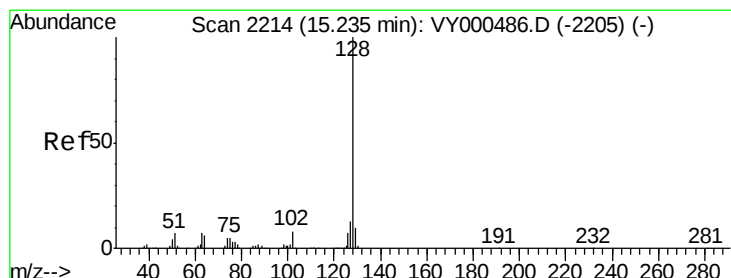
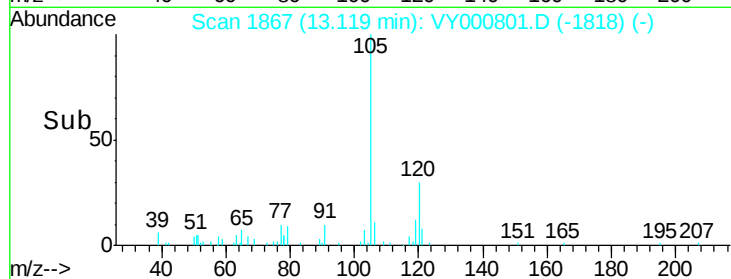
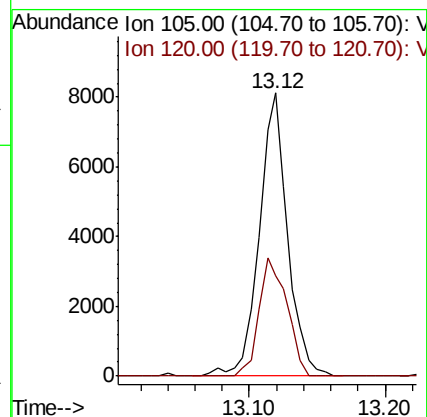
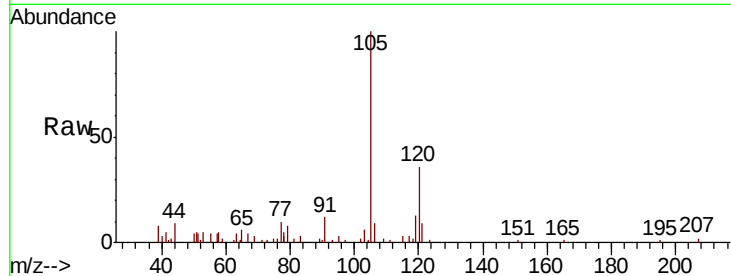
RBR-50

Tot Ion:105 Resp: 11850

Ion Ratio Lower Upper

105 100

120 41.3 23.3 69.9



#95

Naphthalene

Concen: 38.118 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000801.D

Acq: 26 Nov 2019 14:13

Tgt Ion:128 Resp: 284282

Ion Ratio Lower Upper

128 100

127 12.9 9.8 14.6

129 11.2 8.7 13.1

