

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003170.D
 Acq On : 10 Jul 2020 17:54
 Operator : SY/MD
 Sample : L3255-07RE
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07RE

Quant Time: Jul 11 06:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

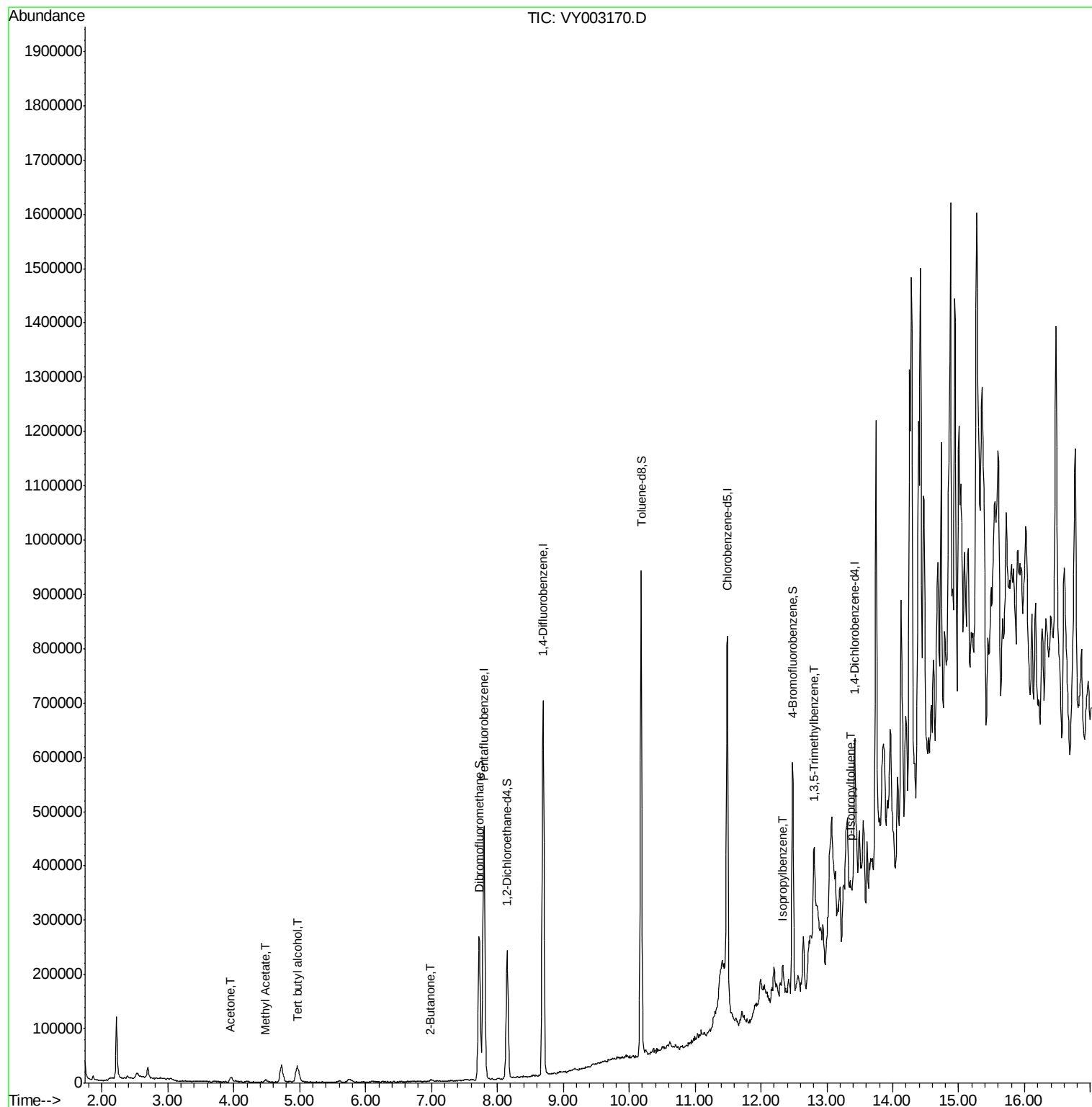
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	388816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	582734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	362680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	86383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	185683	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
35) Dibromofluoromethane	7.72	113	185644	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
50) Toluene-d8	10.18	98	594319	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.48	95	117071	25.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.98%	
Target Compounds						
11) Tert butyl alcohol	4.96	59	61172	172.383	ug/l	99
16) Acetone	3.95	43	15877	21.659	ug/l #	79
18) Methyl Acetate	4.48	43	7771	3.817	ug/l	95
25) 2-Butanone	6.99	43	6224	5.171	ug/l	98
73) Isopropylbenzene	12.33	105	11556	2.099	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	8222	1.792	ug/l	93
86) p-Isopropyltoluene	13.37	119	13269	2.554	ug/l #	85

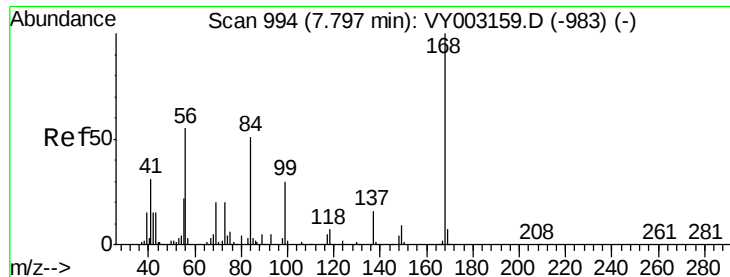
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003170.D

Acq: 10 Jul 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

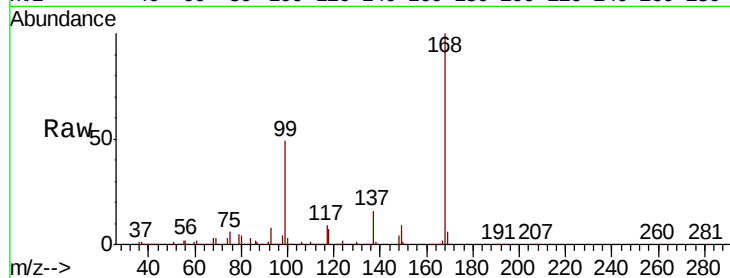
RBR-07RE

Tot Ion:168 Resp: 388816

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003170.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003170.D (-945) (-)

7.80

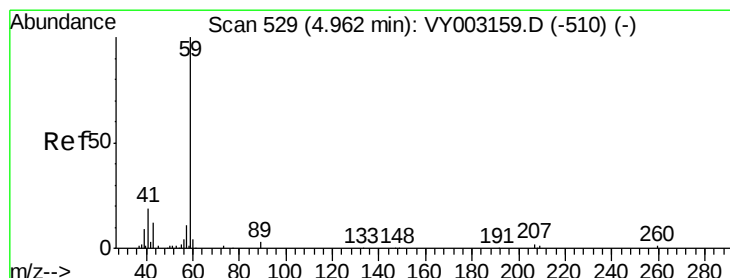
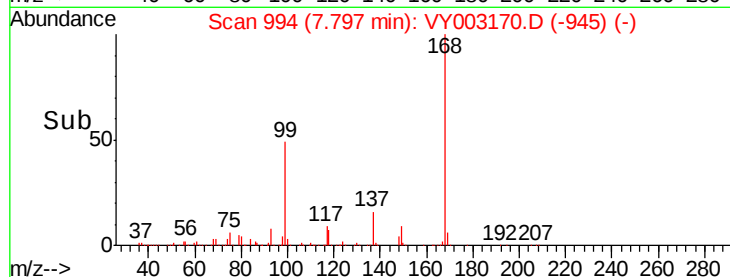
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 172.383 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003170.D

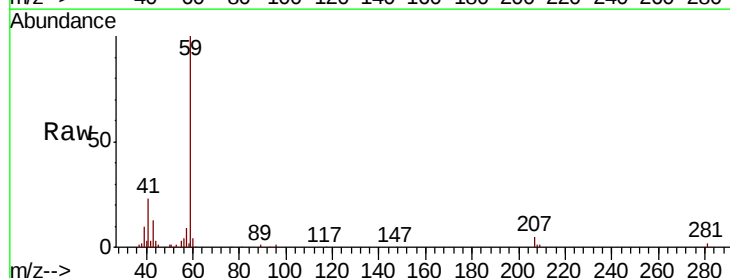
Acq: 10 Jul 2020 17:54

Tgt Ion: 59 Resp: 61172

Ion Ratio Lower Upper

59 100

57 10.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VY003170.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003170.D (-480) (-)

4.96

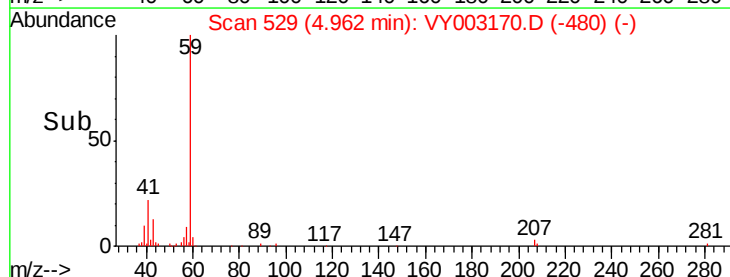
15000

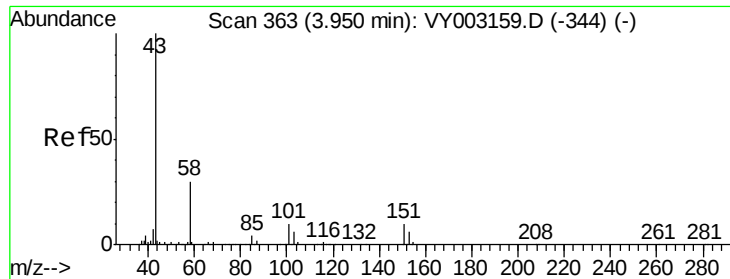
10000

5000

0

Time-->





#16

Acetone

Concen: 21.659 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003170.D

Acq: 10 Jul 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

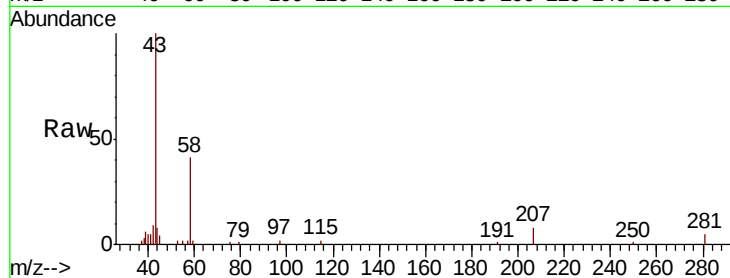
RBR-07RE

Tot Ion: 43 Resp: 15877

Ion Ratio Lower Upper

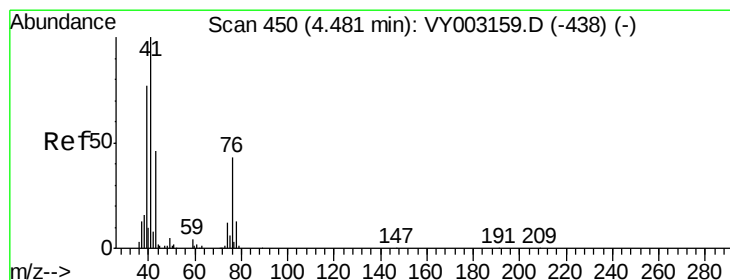
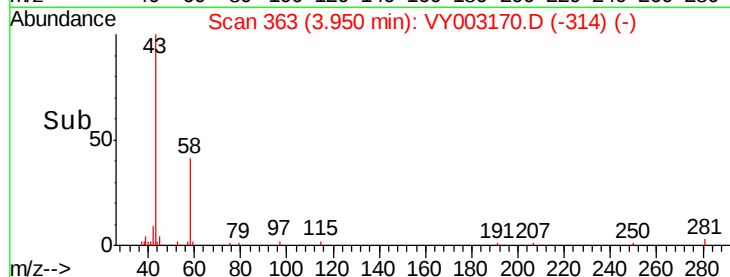
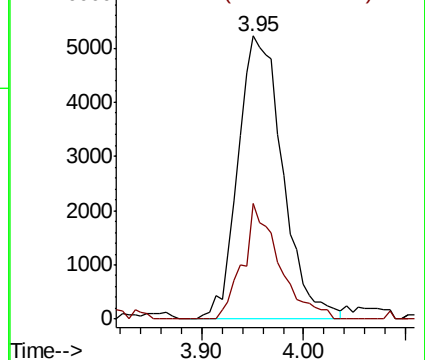
43 100

58 40.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 3.817 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003170.D

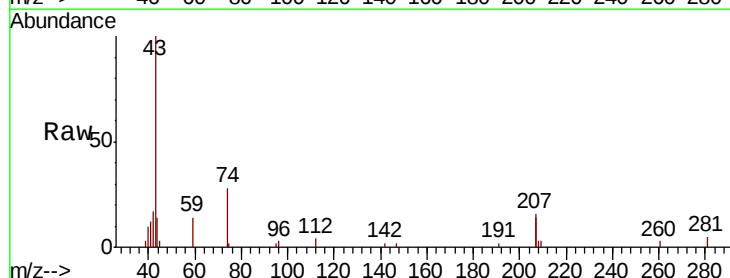
Acq: 10 Jul 2020 17:54

Tgt Ion: 43 Resp: 7771

Ion Ratio Lower Upper

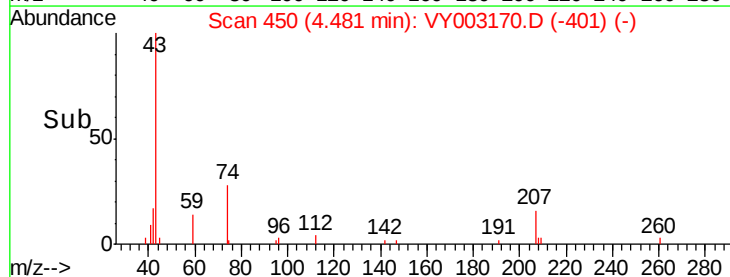
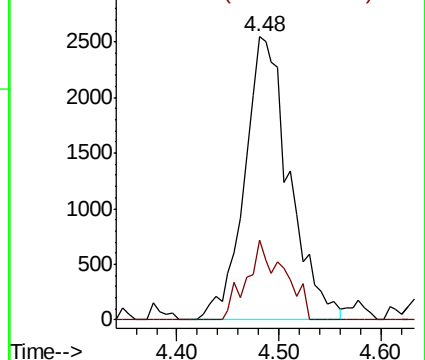
43 100

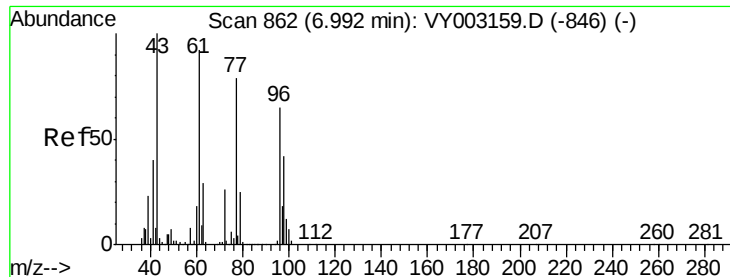
74 23.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

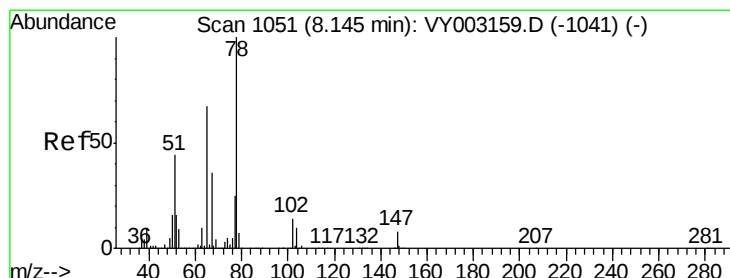
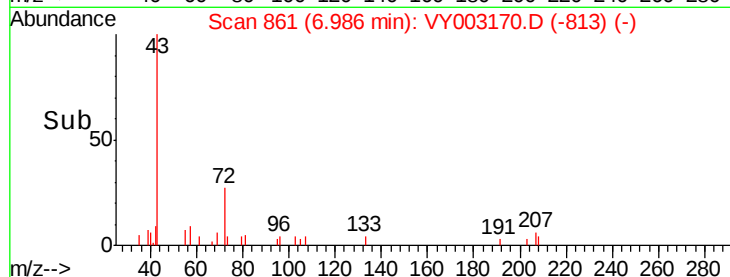
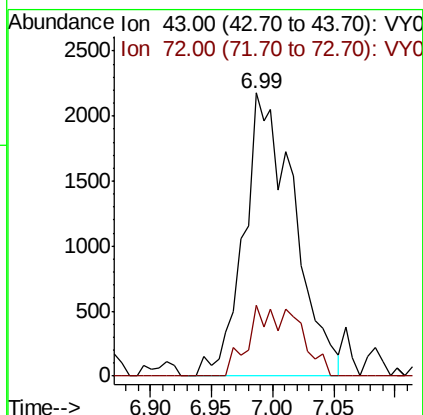
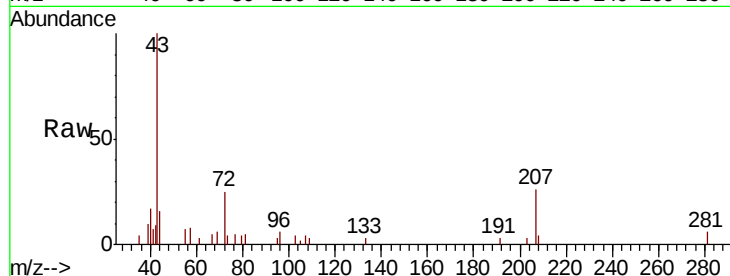




#25
2-Butanone
Concen: 5.171 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003170.D
Acq: 10 Jul 2020 17:54

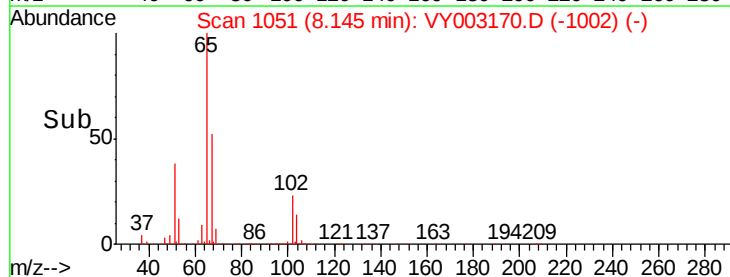
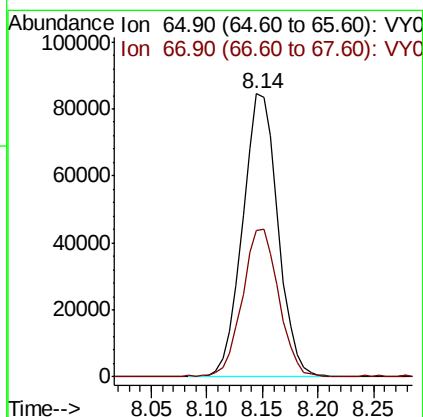
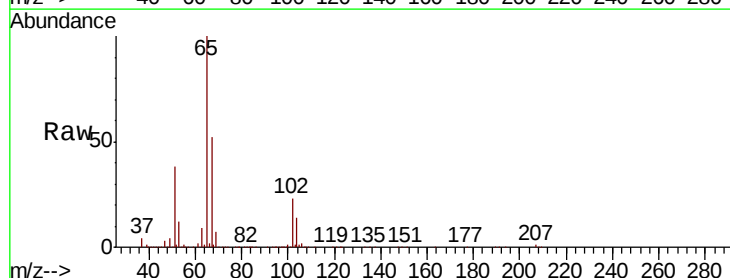
Instrument :
MSVOA_Y
ClientSampleId :
RBR-07RE

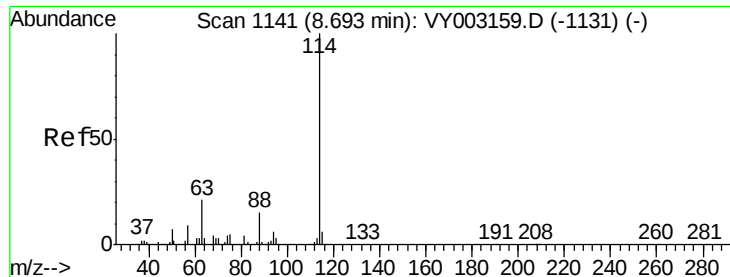
Tot Ion: 43 Resp: 6224
Ion Ratio Lower Upper
43 100
72 25.2 20.9 31.3



#33
1,2-Dichloroethane-d4
Concen: 56.581 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003170.D
Acq: 10 Jul 2020 17:54

Tgt Ion: 65 Resp: 185683
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.2

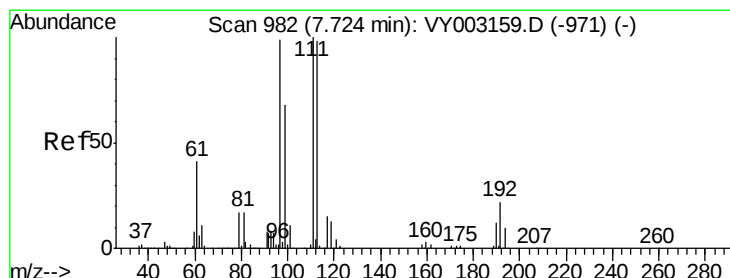
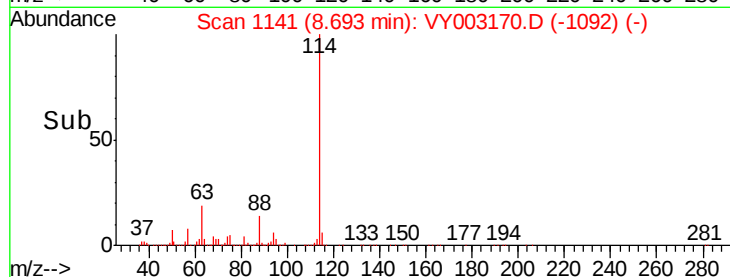
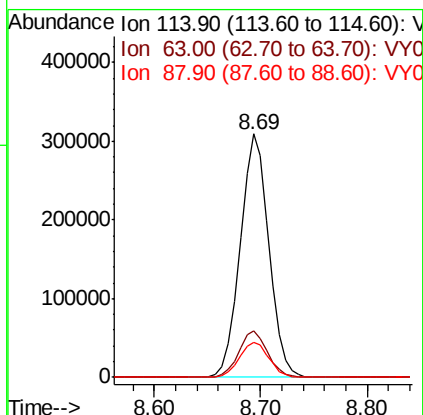
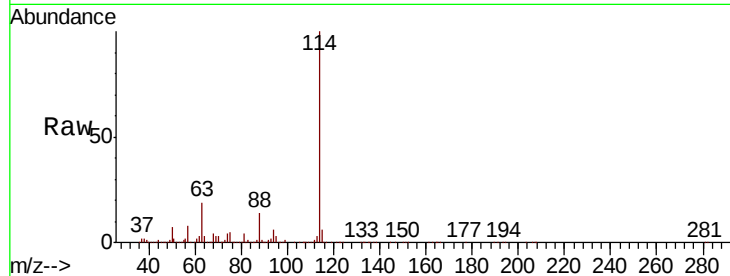




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003170.D
 Acq: 10 Jul 2020 17:54

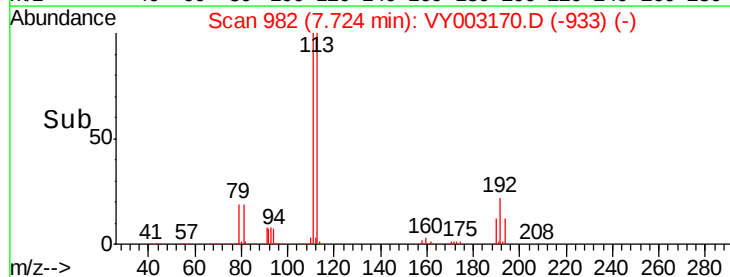
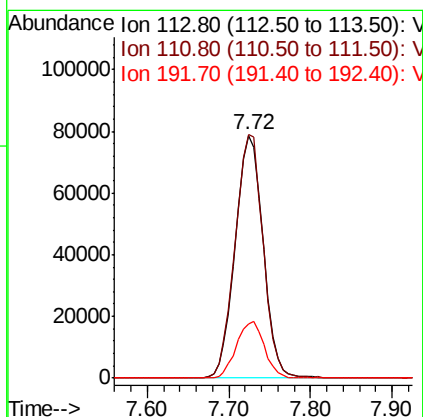
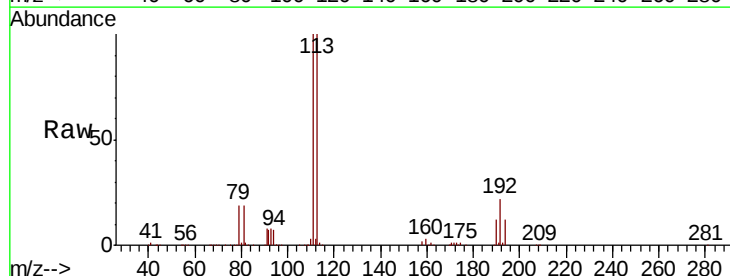
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07RE

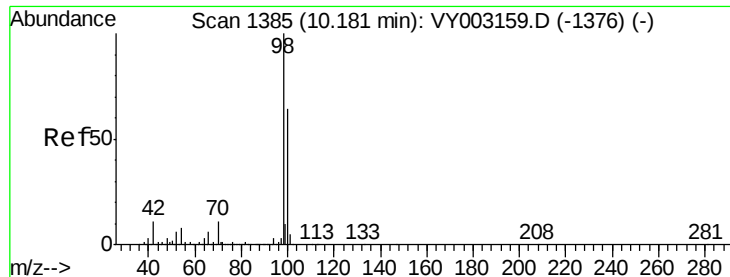
Tot Ion:114 Resp: 582734
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.2
 88 14.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 55.358 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003170.D
 Acq: 10 Jul 2020 17:54

Tgt Ion:113 Resp: 185644
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.1 123.1
 192 23.4 18.8 28.2





#50

Toluene-d8

Concen: 47.669 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003170.D

Acq: 10 Jul 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

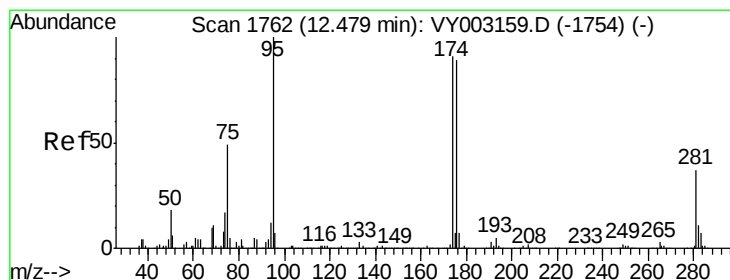
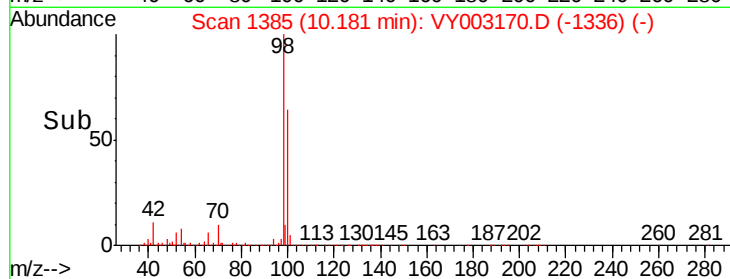
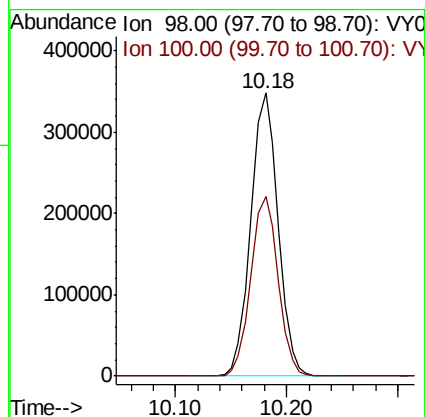
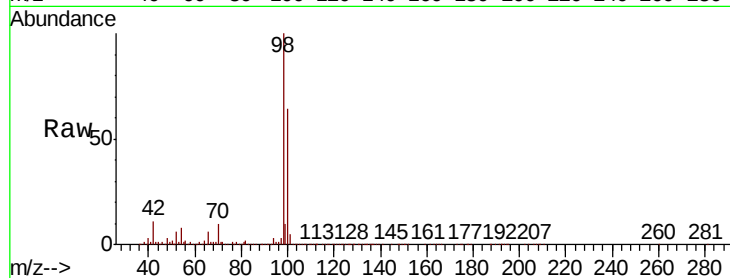
RBR-07RE

Tot Ion: 98 Resp: 594319

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 25.992 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003170.D

Acq: 10 Jul 2020 17:54

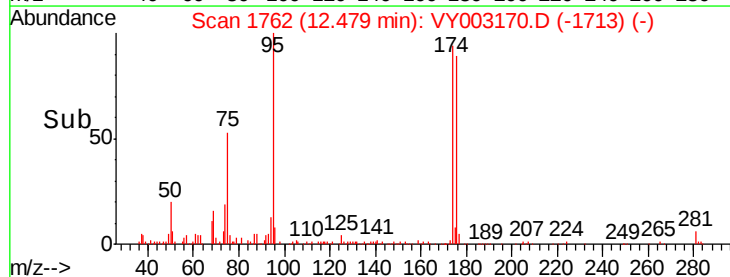
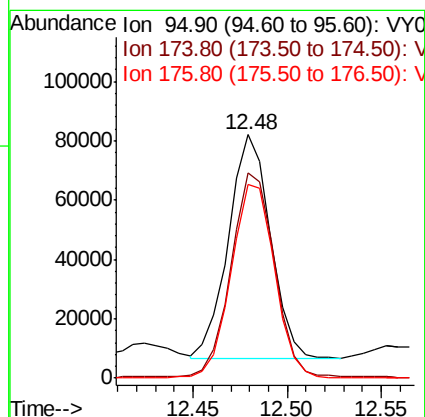
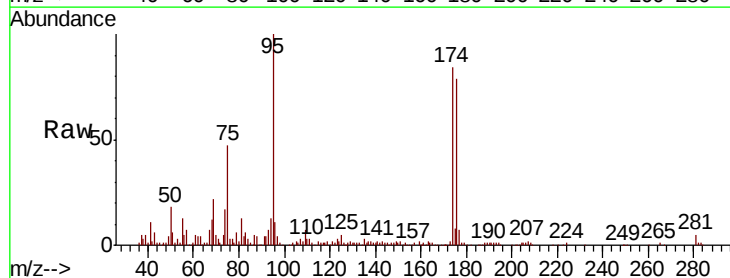
Tgt Ion: 95 Resp: 117071

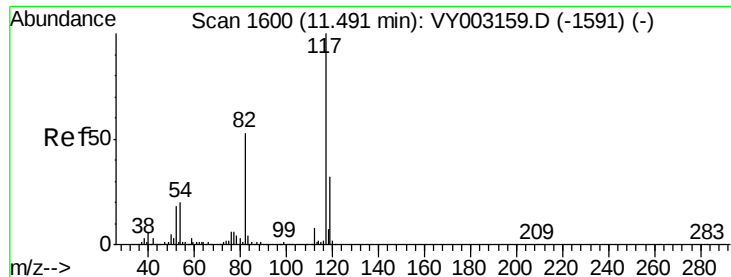
Ion Ratio Lower Upper

95 100

174 93.5 0.0 190.6

176 89.2 0.0 186.4

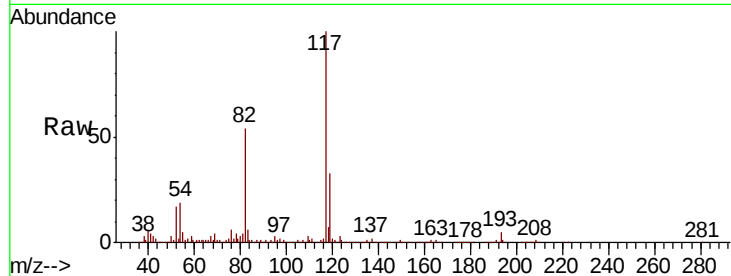




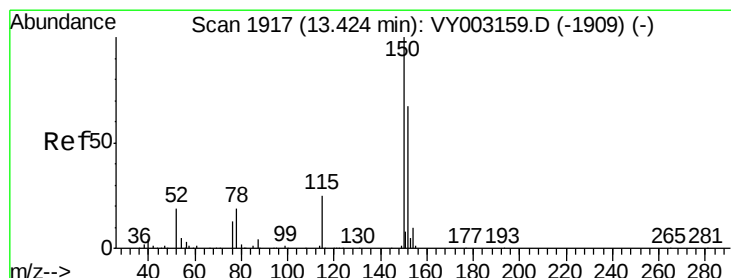
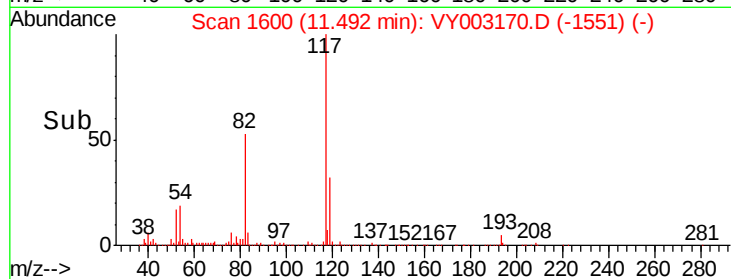
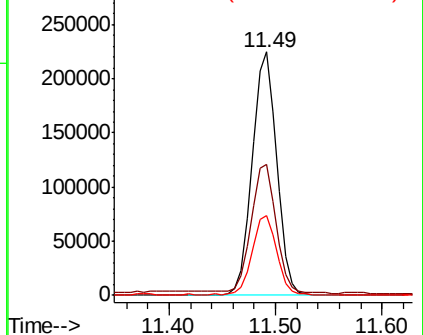
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003170.D
Acq: 10 Jul 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07RE

Tot Ion:117 Resp: 362680
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.5 25.5 38.3

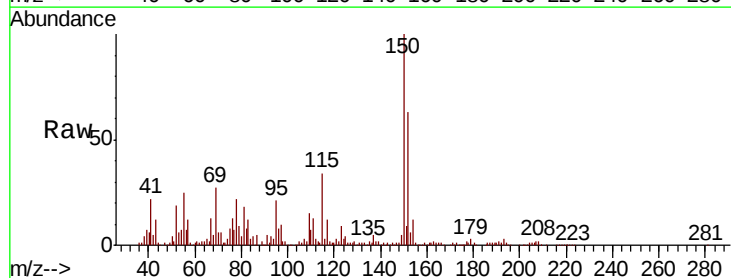


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

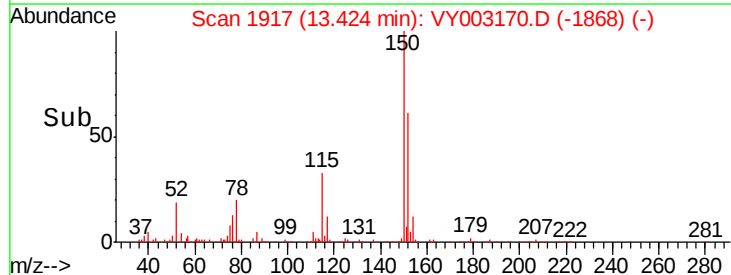
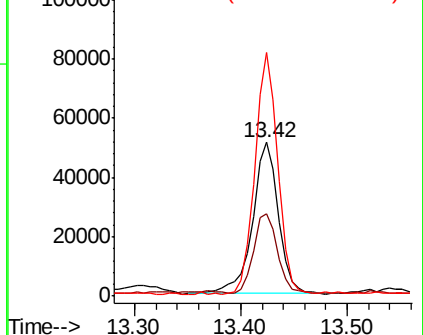


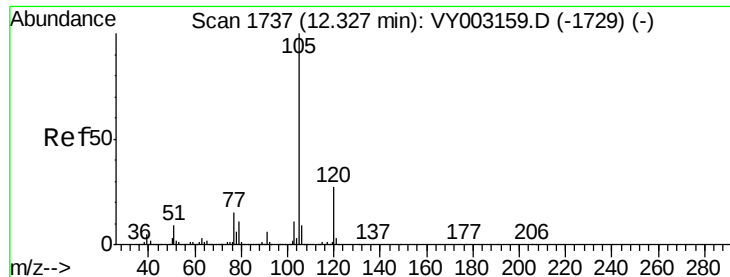
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003170.D
Acq: 10 Jul 2020 17:54

Tgt Ion:152 Resp: 86383
Ion Ratio Lower Upper
152 100
115 49.4 26.9 80.7
150 141.2 0.0 338.0



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





#73

Isopropylbenzene

Concen: 2.099 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003170.D

Acq: 10 Jul 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

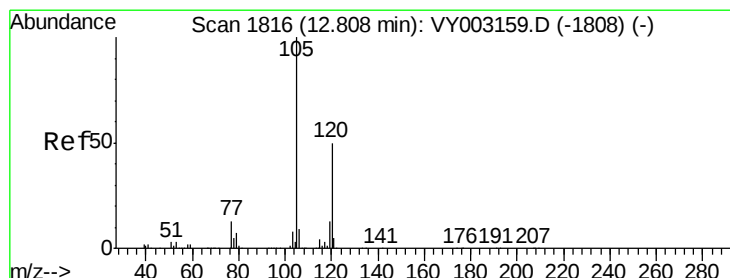
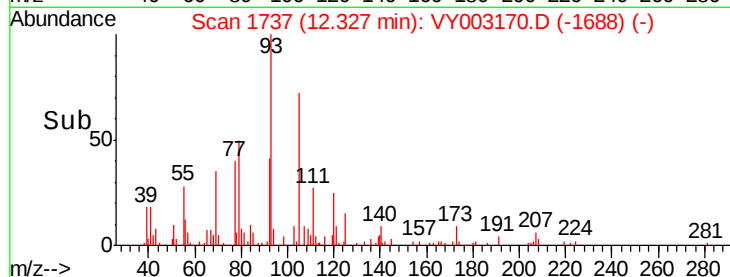
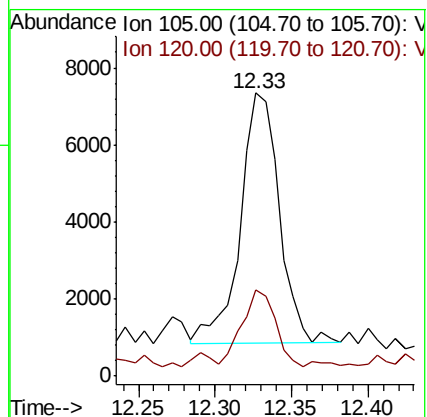
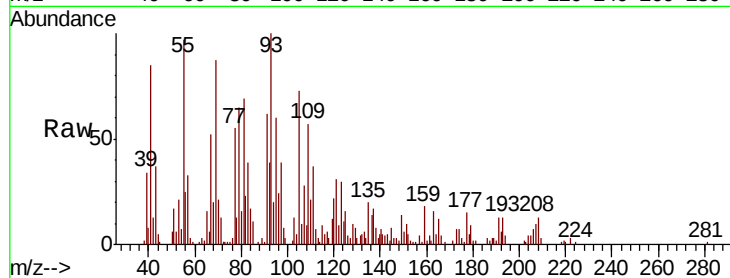
RBR-07RE

Tot Ion:105 Resp: 11556

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.2



#80

1,3,5-Trimethylbenzene

Concen: 1.792 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003170.D

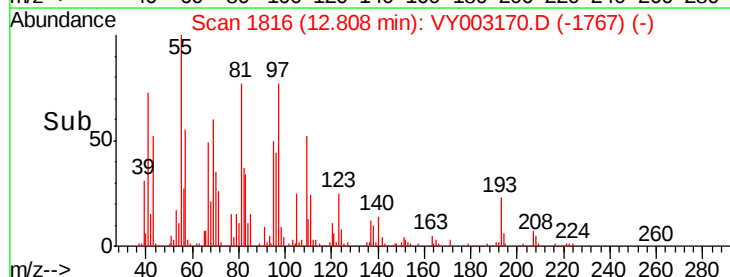
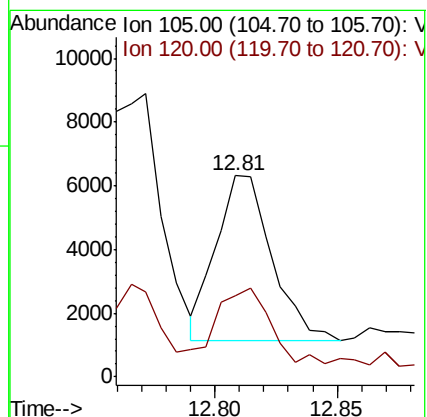
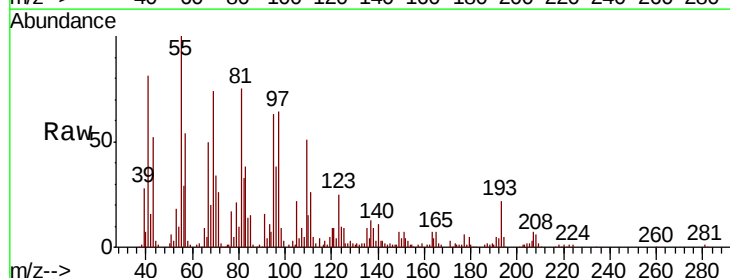
Acq: 10 Jul 2020 17:54

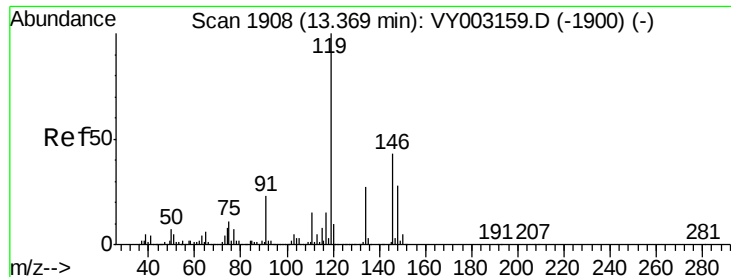
Tgt Ion:105 Resp: 8222

Ion Ratio Lower Upper

105 100

120 45.1 24.9 74.6

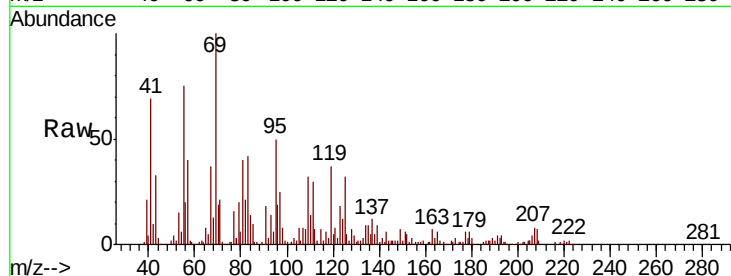




#86
 p-Isopropyltoluene
 Concen: 2.554 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003170.D
 Acq: 10 Jul 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.5	13.4	40.2
91	10.4	11.2	33.6



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VY0

