

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002703.D
 Acq On : 18 May 2020 12:05
 Operator : SY/MD
 Sample : L2663-03RE
 Misc : 6.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11935RE

Quant Time: May 19 00:56:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

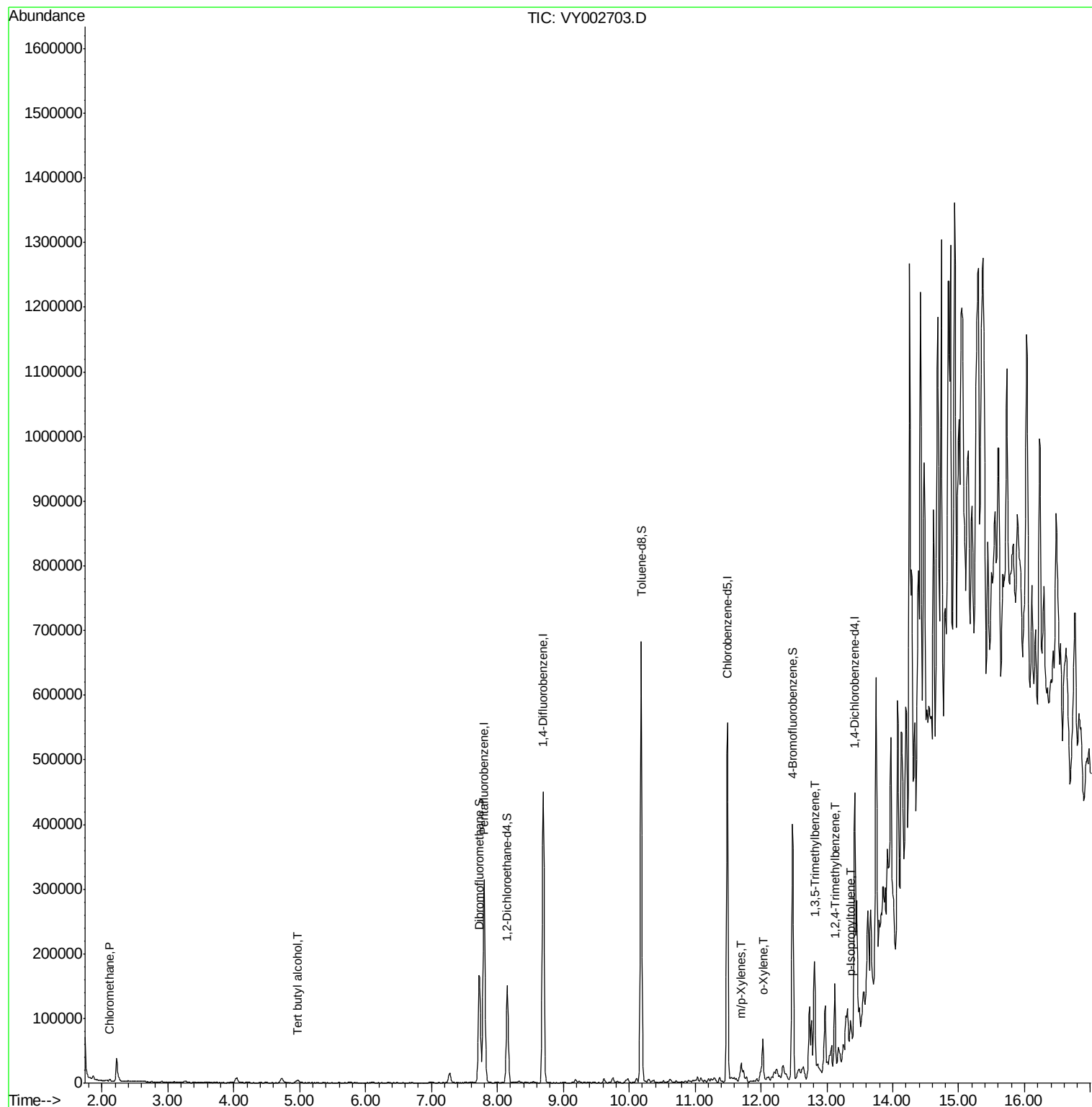
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	266176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	409183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118046	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.72	113	119919	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.18	98	461683	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.48	95	116395	37.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.50%	
Target Compounds						
3) Chloromethane	2.12	50	2963	1.356	ug/l	98
11) Tert butyl alcohol	4.96	59	8471	40.062	ug/l #	94
68) m/p-Xylenes	11.70	106	8795	2.070	ug/l	98
69) o-Xylene	12.03	106	16031	4.021	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	78730	13.068	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	68215	11.329	ug/l	99
86) p-Isopropyltoluene	13.37	119	20923	3.038	ug/l	97

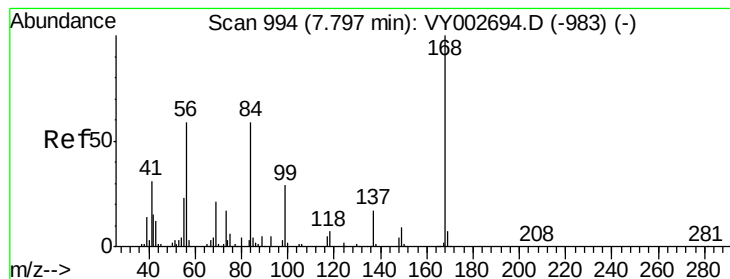
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002703.D

Acq: 18 May 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

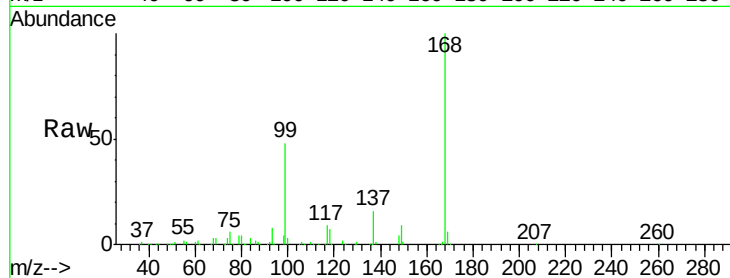
72-11935RE

Tot Ion:168 Resp: 266176

Ion Ratio Lower Upper

168 100

99 47.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

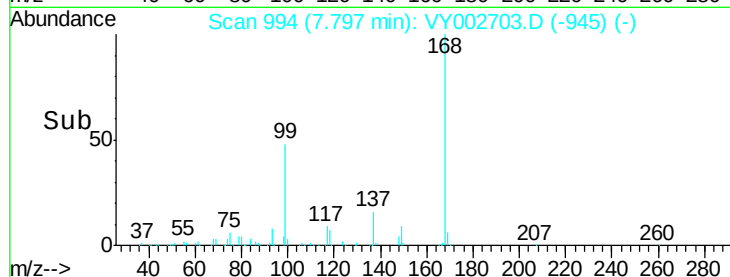
7.80

100000

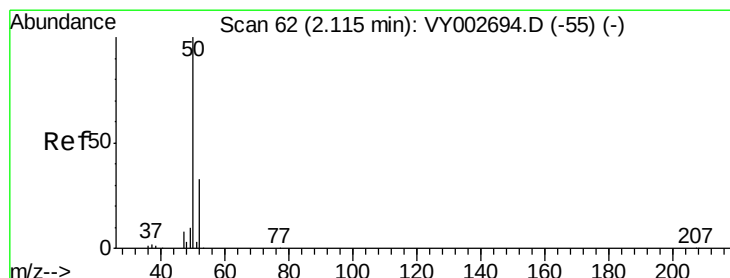
50000

0

Time-->



Time-->



#3

Chloromethane

Concen: 1.356 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002703.D

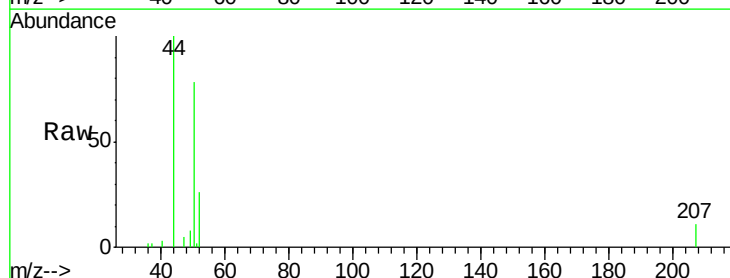
Acq: 18 May 2020 12:05

Tgt Ion: 50 Resp: 2963

Ion Ratio Lower Upper

50 100

52 33.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY002694.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002694.D (-55) (-)

2.12

2000

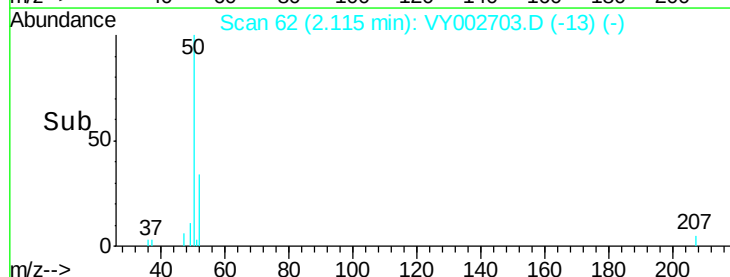
1500

1000

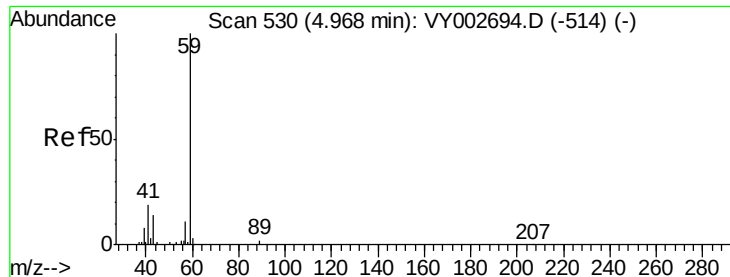
500

0

Time-->



Time-->

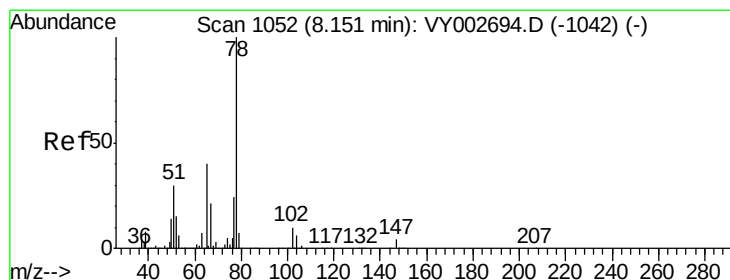
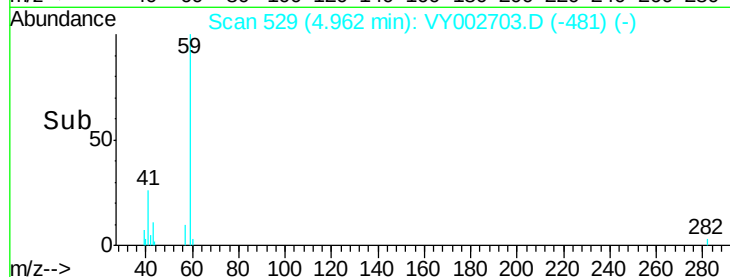
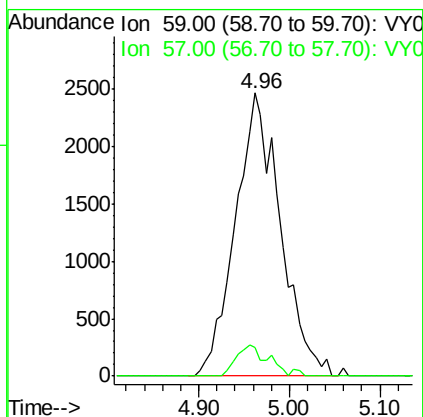
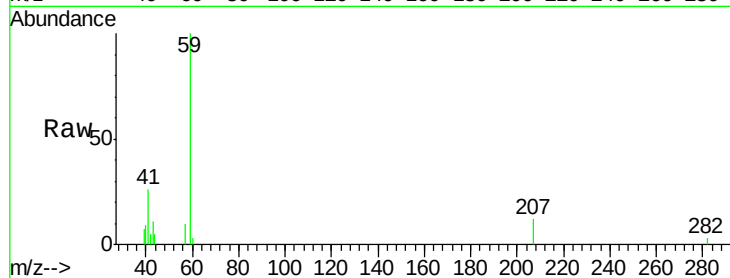


#11

Tert butyl alcohol
 Concen: 40.062 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002703.D
 Acq: 18 May 2020 12:05

Instrument :
 MSVOA_Y
 ClientSampled :
 72-11935RE

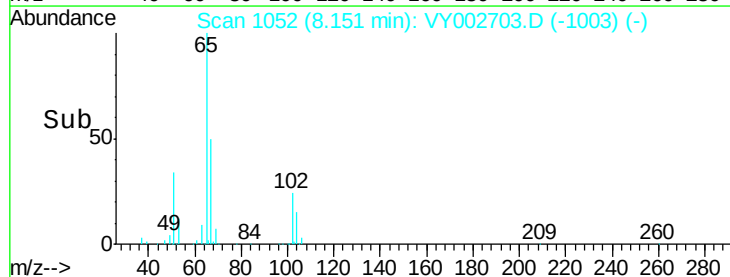
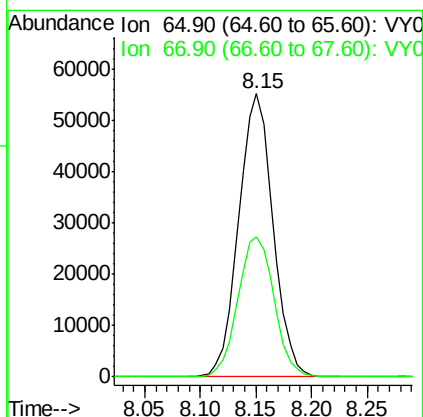
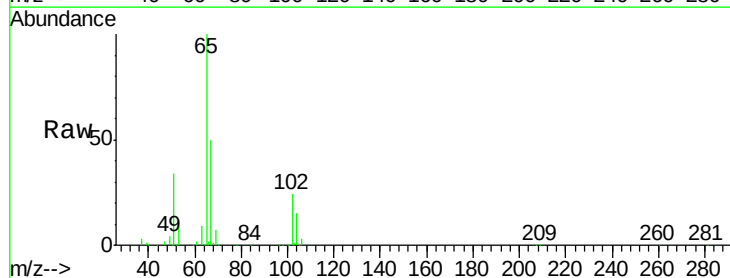
Tot Ion: 59 Resp: 8471
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.7 11.5#

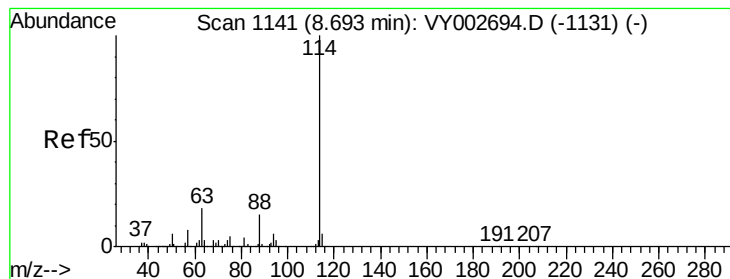


#33

1,2-Dichloroethane-d4
 Concen: 56.697 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002703.D
 Acq: 18 May 2020 12:05

Tgt Ion: 65 Resp: 118046
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002703.D

Acq: 18 May 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

72-11935RE

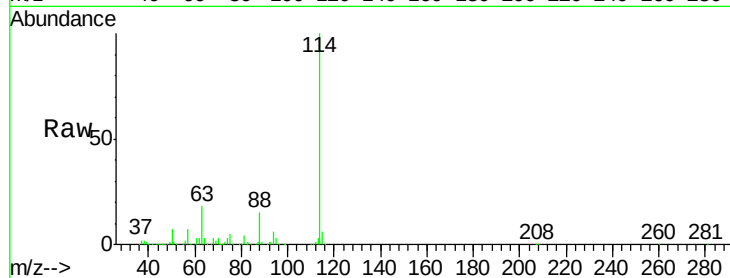
Tot Ion:114 Resp: 409183

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

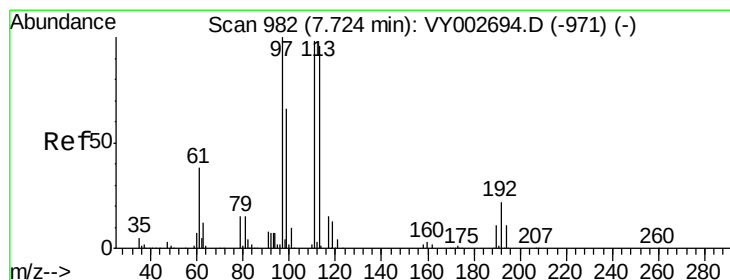
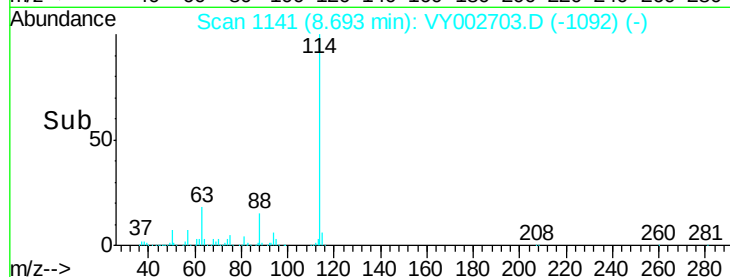
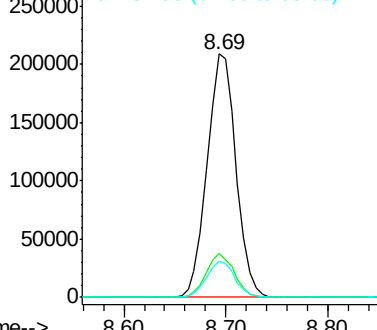
88 15.0 0.0 29.4



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: 53.104 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002703.D

Acq: 18 May 2020 12:05

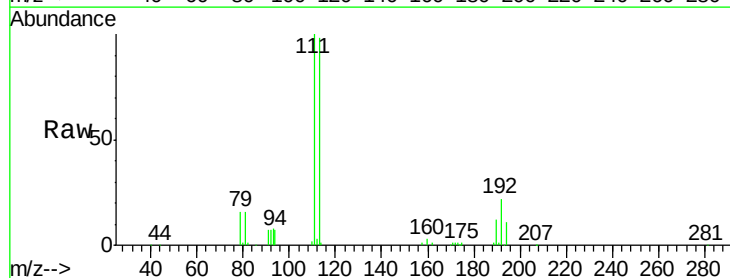
Tgt Ion:113 Resp: 119919

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

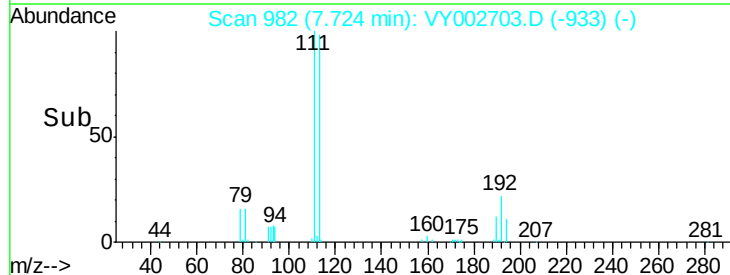
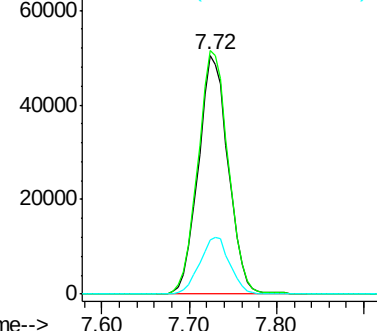
192 23.9 18.6 27.8

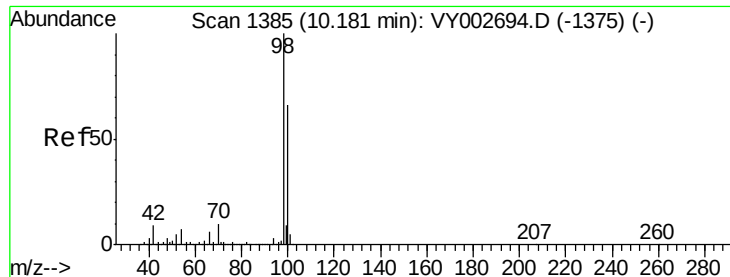


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.781 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002703.D

Acq: 18 May 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

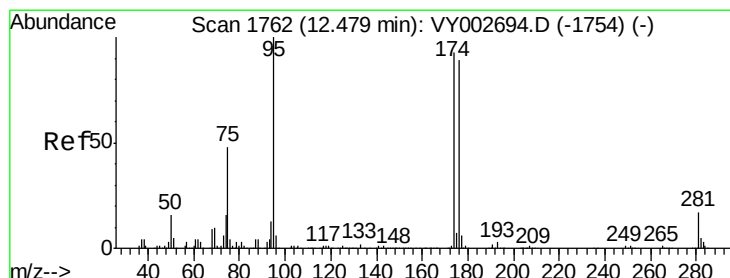
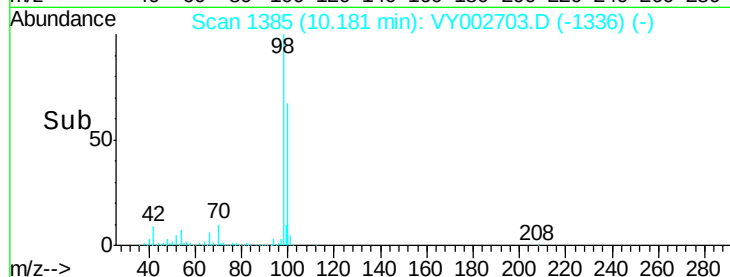
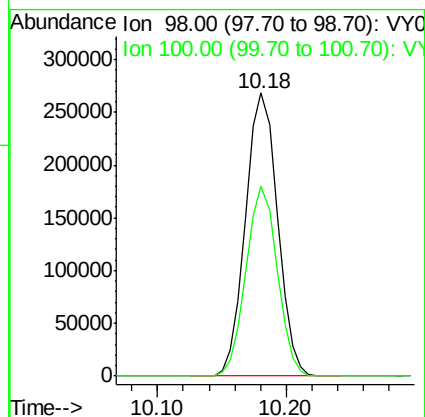
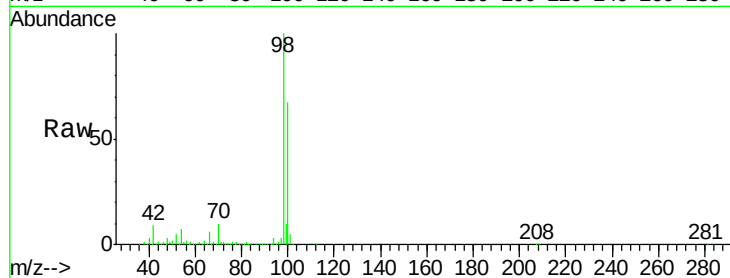
72-11935RE

Tot Ion: 98 Resp: 461683

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.248 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002703.D

Acq: 18 May 2020 12:05

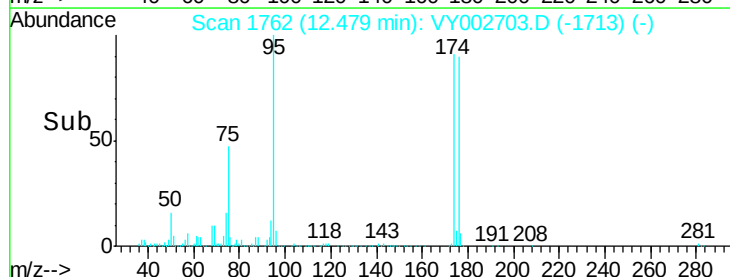
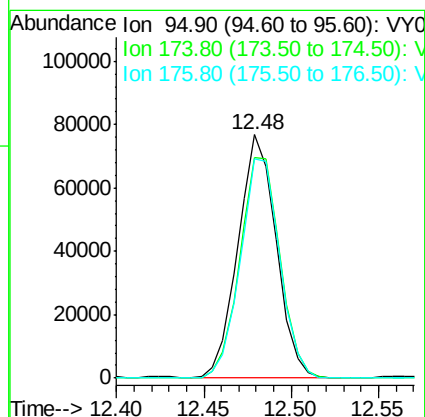
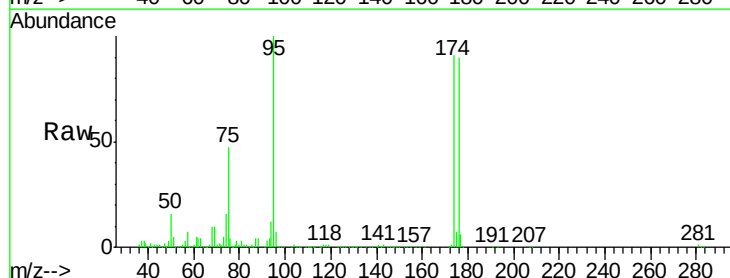
Tgt Ion: 95 Resp: 116395

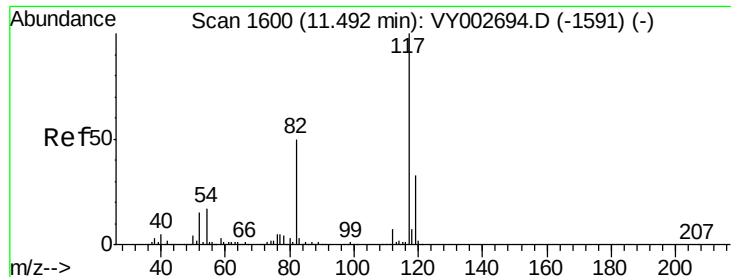
Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.4

176 92.9 0.0 186.0

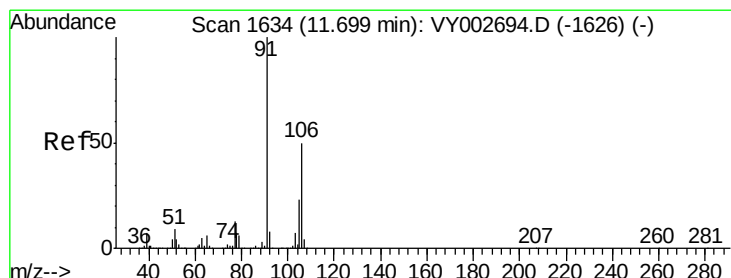
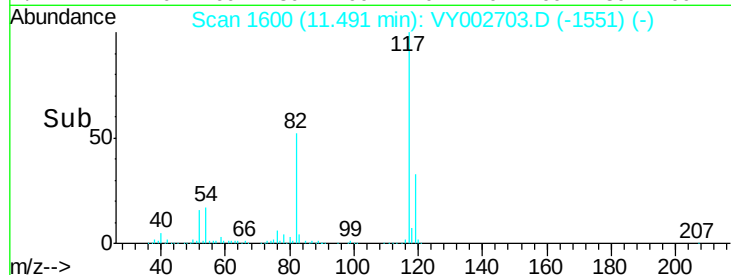
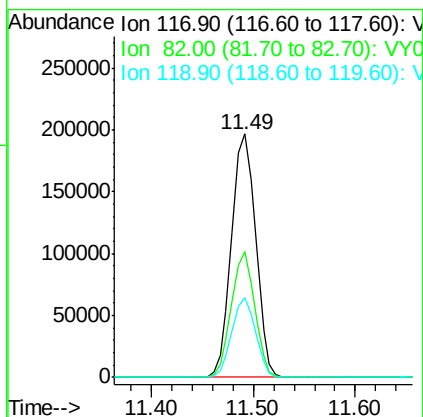
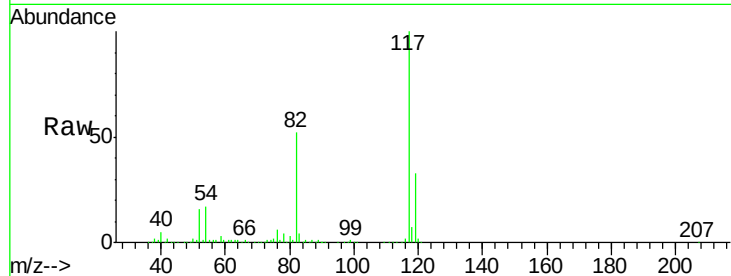




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002703.D
Acq: 18 May 2020 12:05

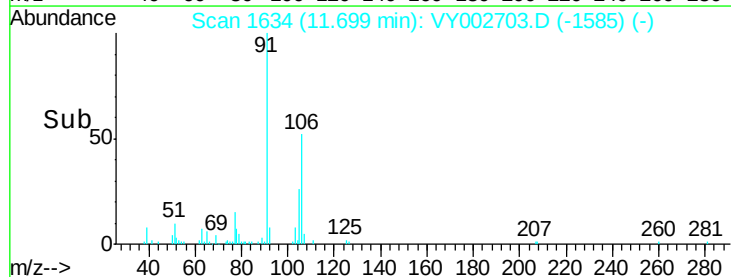
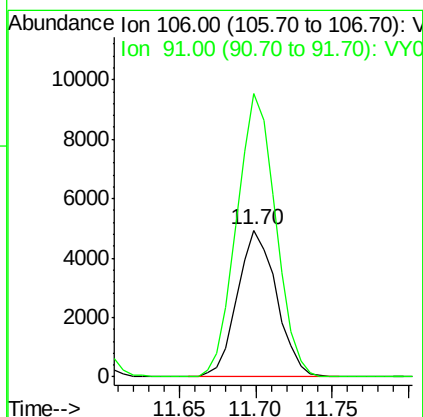
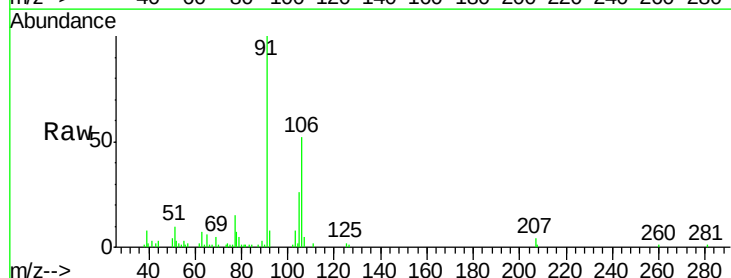
Instrument :
MSVOA_Y
ClientSampleId :
72-11935RE

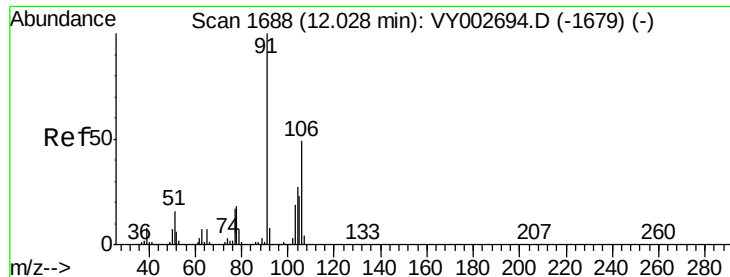
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.3	60.5
119	32.8	26.2	39.4



#68
m/p-Xylenes
Concen: 2.070 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002703.D
Acq: 18 May 2020 12:05

Tgt Ion	Ratio	Lower	Upper
106	100		
91	191.6	156.2	234.4

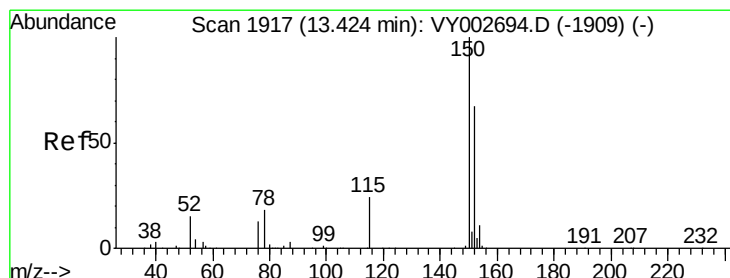
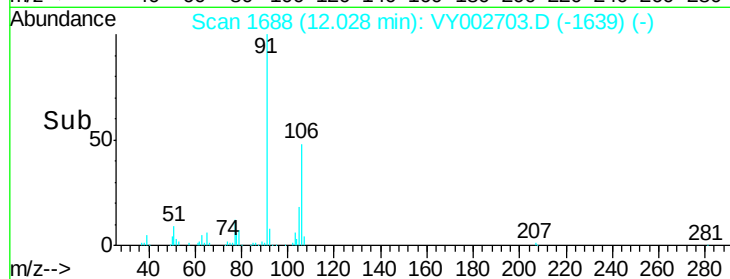
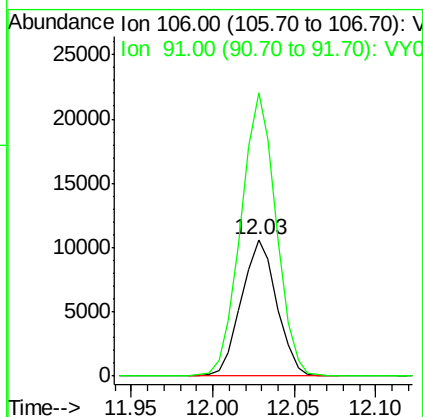
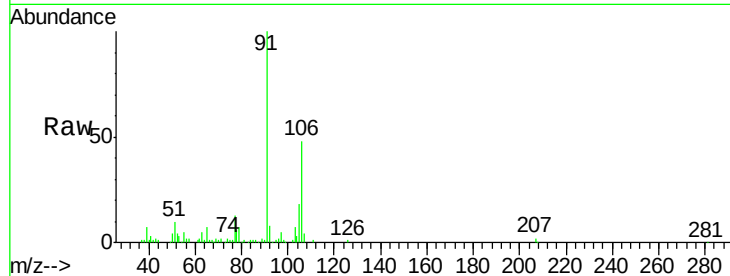




#69
o-Xylene
Concen: 4.021 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002703.D
Acq: 18 May 2020 12:05

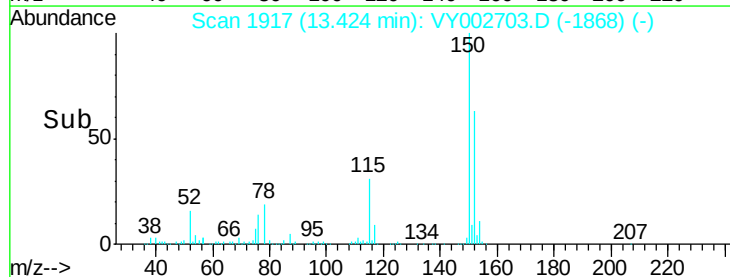
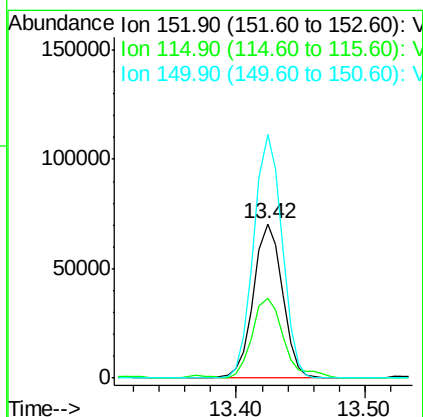
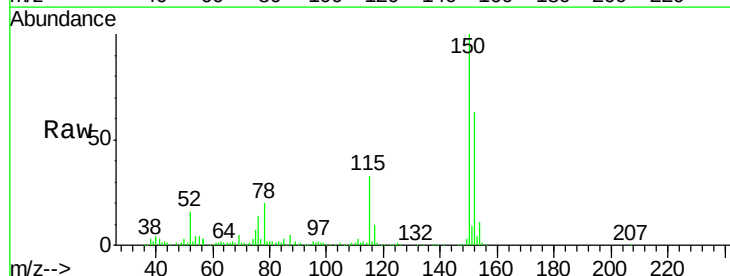
Instrument :
MSVOA_Y
ClientSampleId :
72-11935RE

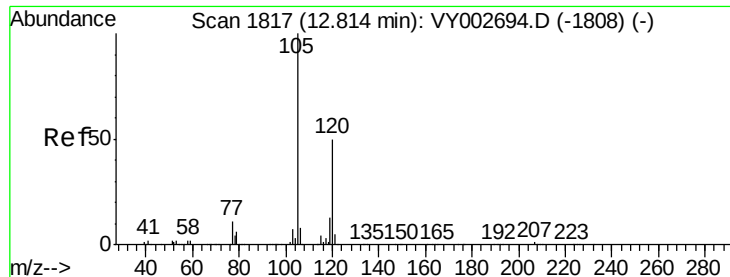
Tot Ion:106 Resp: 16031
Ion Ratio Lower Upper
106 100
91 207.2 103.5 310.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002703.D
Acq: 18 May 2020 12:05

Tgt Ion:152 Resp: 109734
Ion Ratio Lower Upper
152 100
115 56.2 27.2 81.6
150 154.1 0.0 343.8





#80

1,3,5-Trimethylbenzene

Concen: 13.068 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002703.D

Acq: 18 May 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

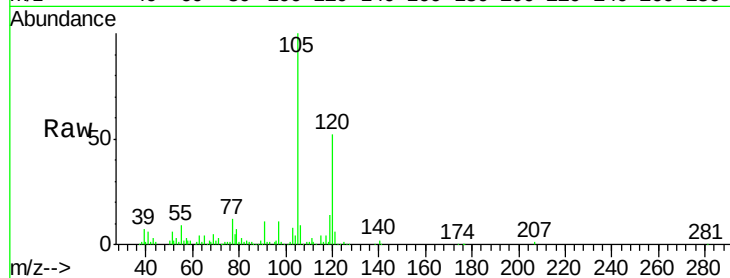
72-11935RE

Tot Ion:105 Resp: 78730

Ion Ratio Lower Upper

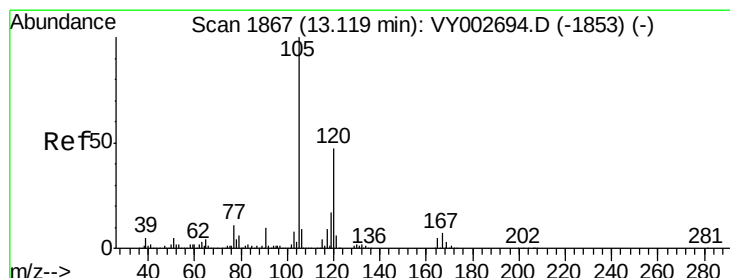
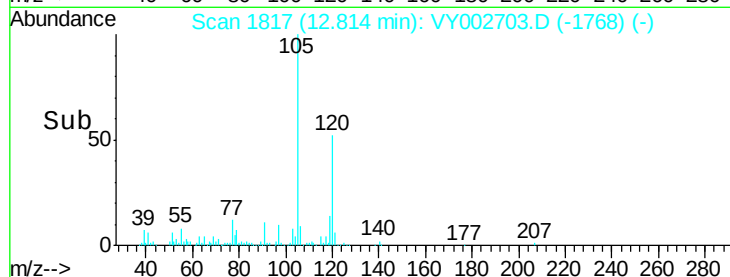
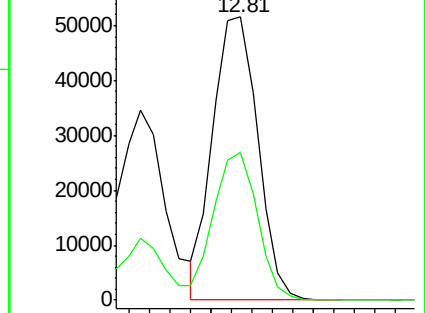
105 100

120 52.1 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 11.329 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002703.D

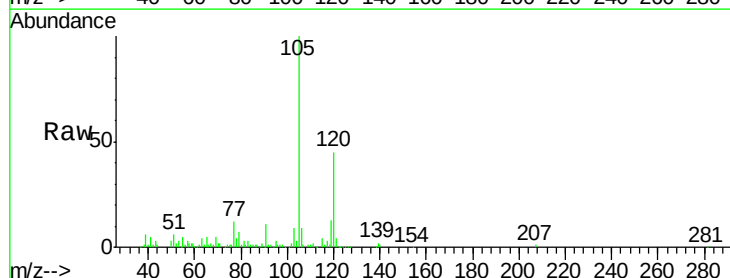
Acq: 18 May 2020 12:05

Tgt Ion:105 Resp: 68215

Ion Ratio Lower Upper

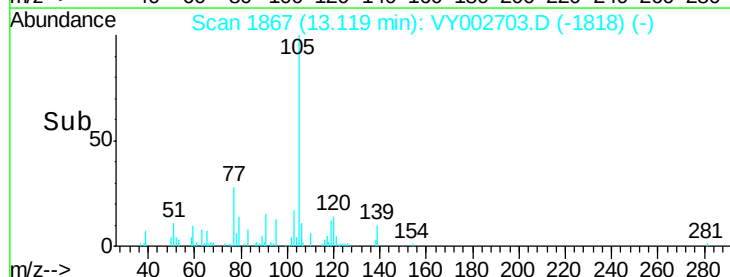
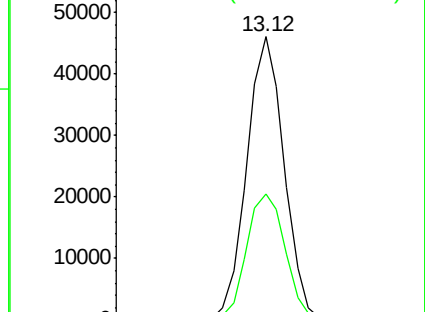
105 100

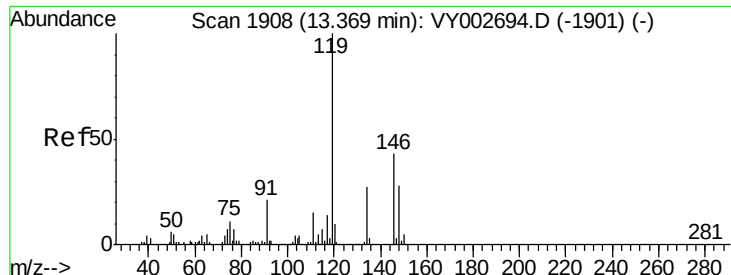
120 46.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

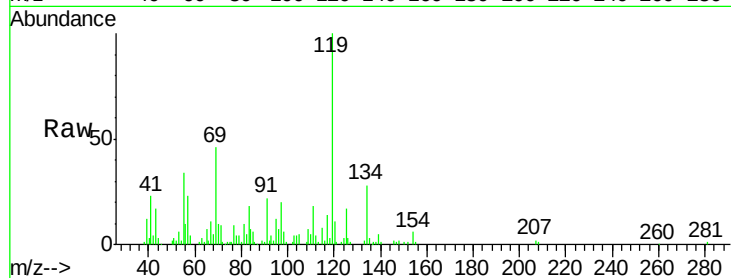




#86
 p-Isopropyltoluene
 Concen: 3.038 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002703.D
 Acq: 18 May 2020 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11935RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.5	40.5
91	20.9	10.8	32.3



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

