

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002887.D
 Acq On : 11 Jun 2020 13:22
 Operator : SY/MD
 Sample : L2817-01
 Misc : 6.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-061020

Quant Time: Jun 11 16:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

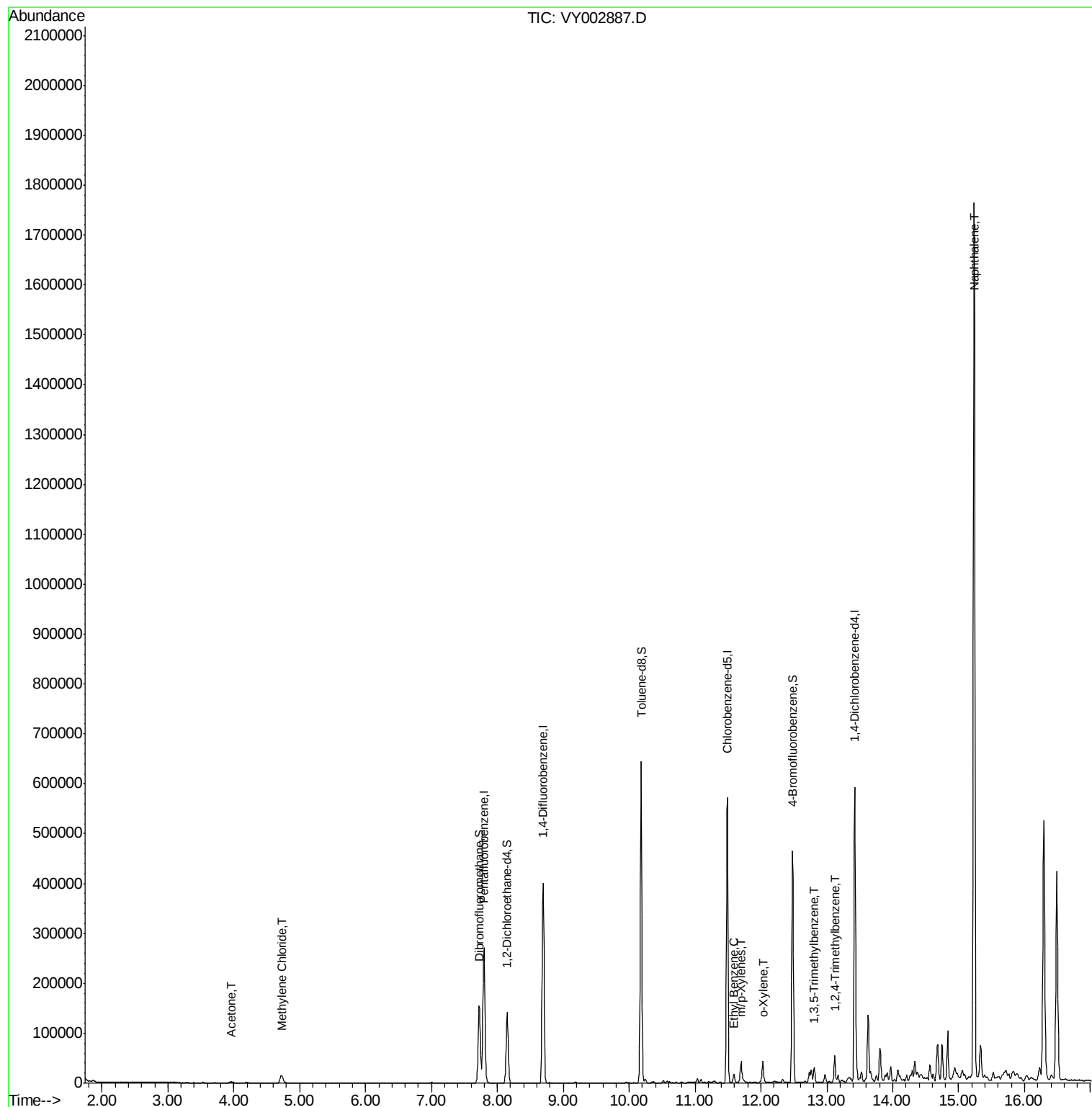
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	340729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	112092	57.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.50%	
35) Dibromofluoromethane	7.72	113	108933	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	10.18	98	433182	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.48	95	137813	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
16) Acetone	3.96	43	3654	7.959	ug/l	98
20) Methylene Chloride	4.72	84	12386	5.521	ug/l	95
67) Ethyl Benzene	11.60	91	11727	1.004	ug/l	99
68) m/p-Xylenes	11.70	106	14231	3.144	ug/l	98
69) o-Xylene	12.03	106	11228	2.627	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	10412	1.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	30118	3.546	ug/l	97
95) Naphthalene	15.23	128	1454299	212.648	ug/l	100

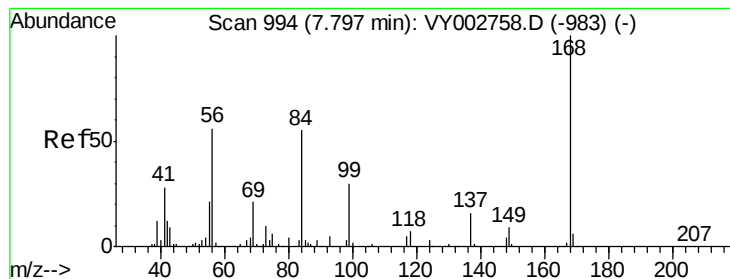
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
Data File : VY002887.D
Acq On : 11 Jun 2020 13:22
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SU-03-061020

Quant Time: Jun 11 16:55:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
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: VY002887.D

Acq: 11 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

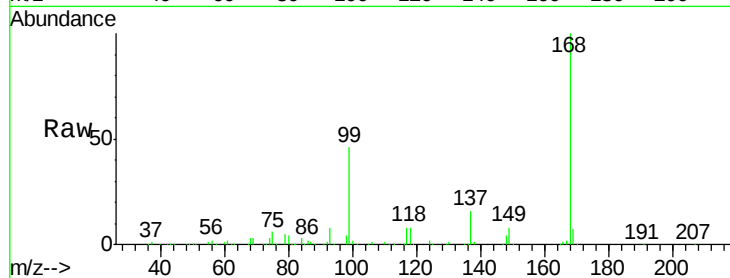
SU-03-061020

Tot Ion:168 Resp: 225493

Ion Ratio Lower Upper

168 100

99 46.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002887.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002887.D (-945) (-)

7.80

100000

80000

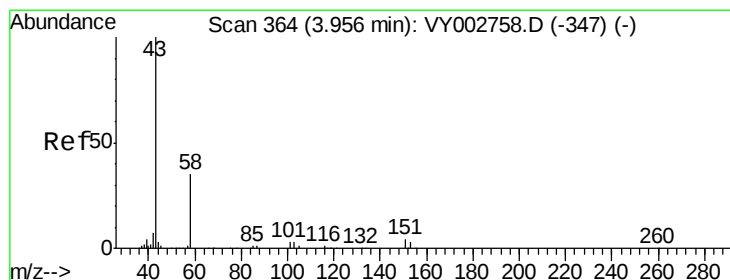
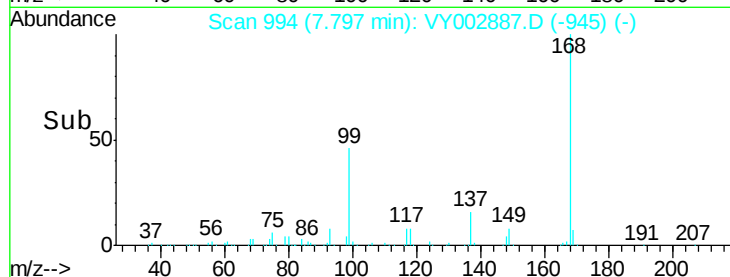
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.959 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002887.D

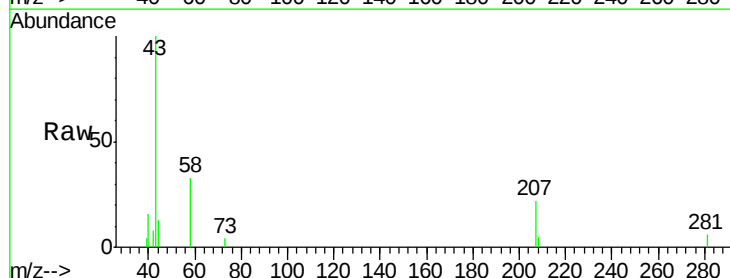
Acq: 11 Jun 2020 13:22

Tgt Ion: 43 Resp: 3654

Ion Ratio Lower Upper

43 100

58 33.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002887.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002887.D (-315) (-)

3.96

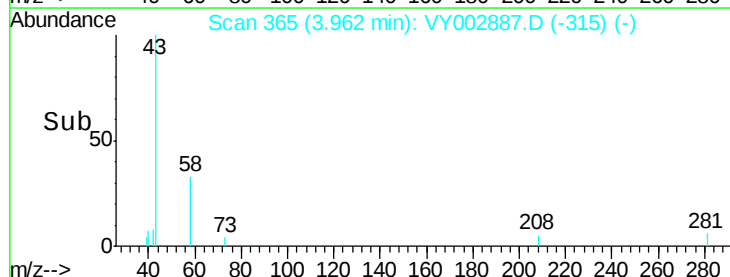
1500

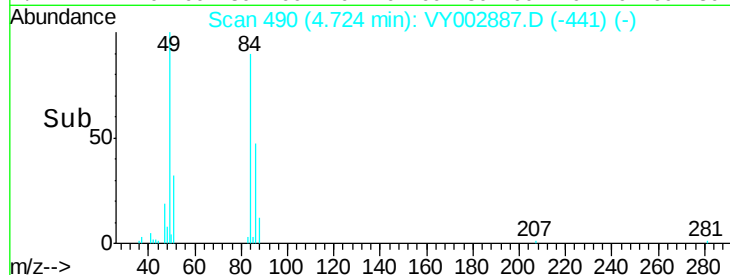
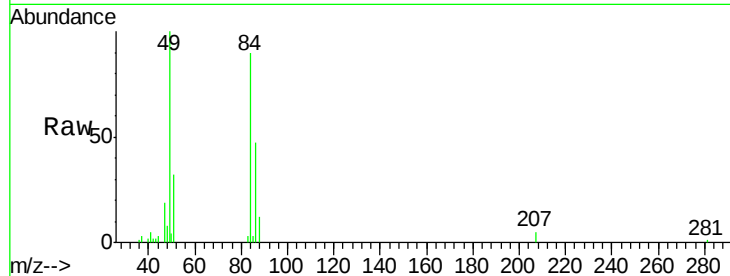
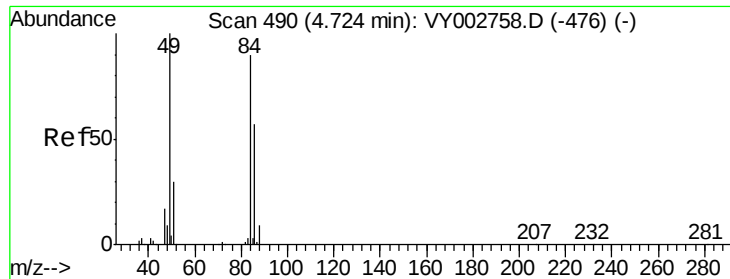
1000

500

0

Time-->

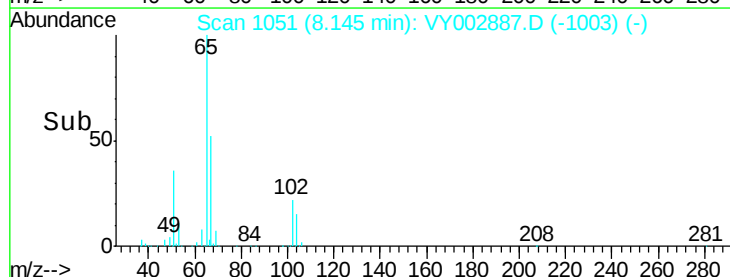
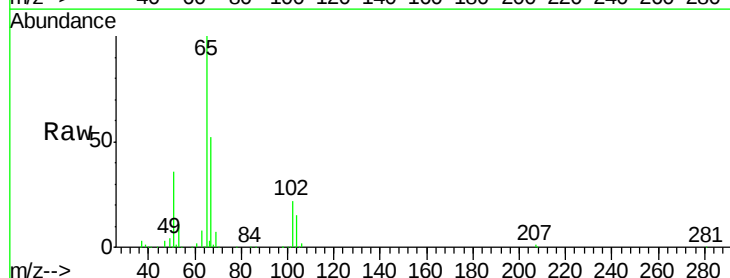
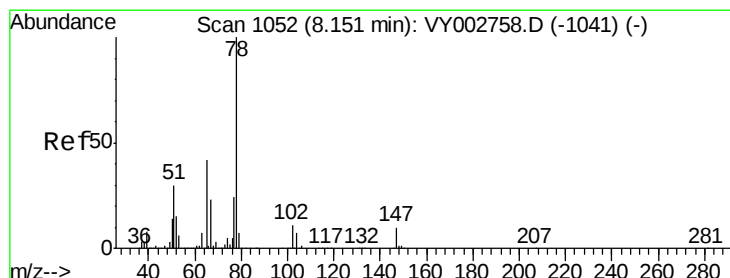
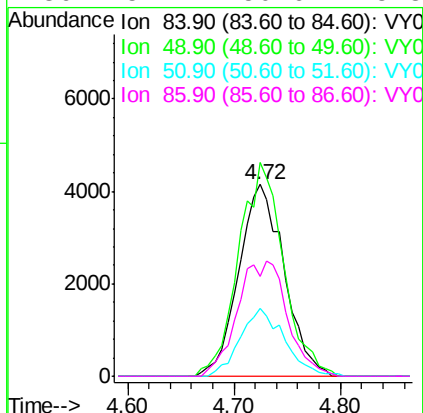




#20
Methylene Chloride
Concen: 5.521 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

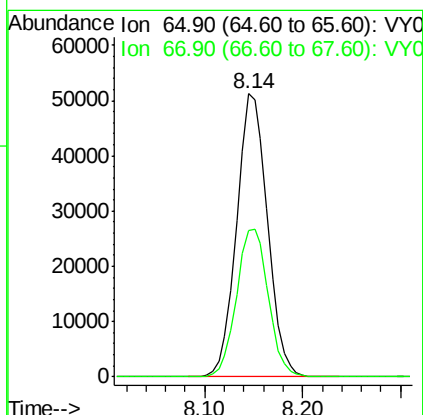
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-061020

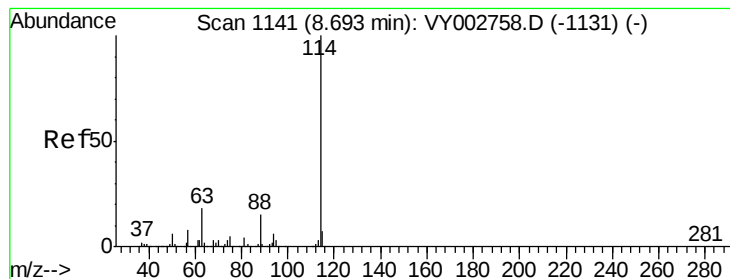
Tot Ion:	84	Resp:	12386
Ion	Ratio	Lower	Upper
84	100		
49	111.5	88.5	132.7
51	35.6	26.8	40.2
86	52.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 57.251 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

Tgt Ion:	65	Resp:	112092
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-061020

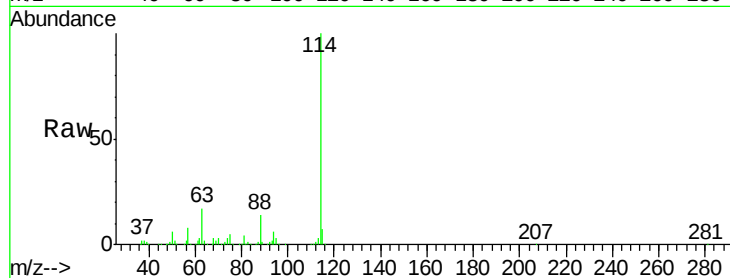
Tot Ion:114 Resp: 365278

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

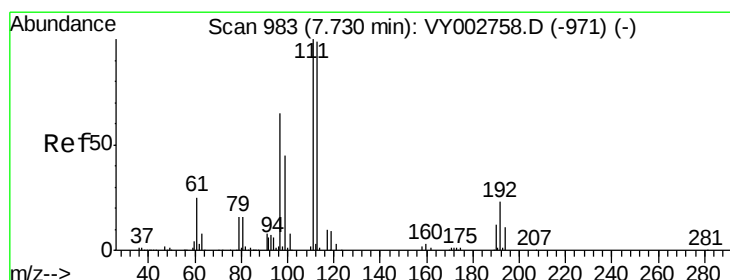
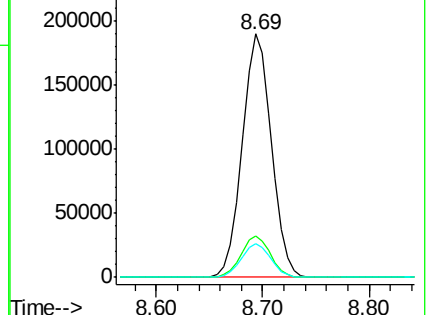
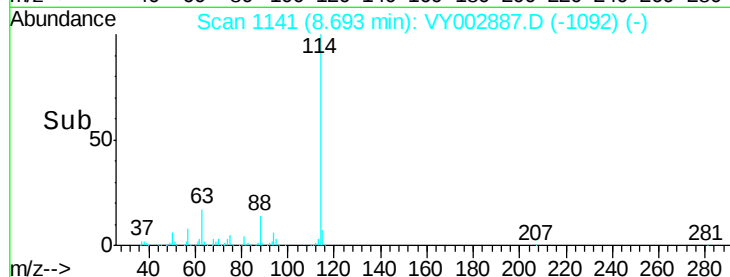
88 13.8 0.0 29.2



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: 50.886 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

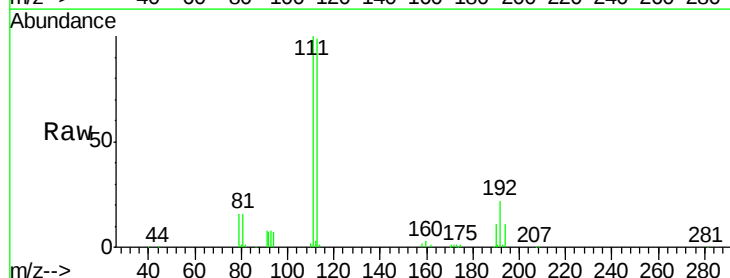
Tgt Ion:113 Resp: 108933

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

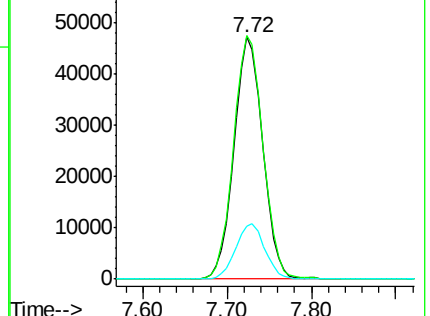
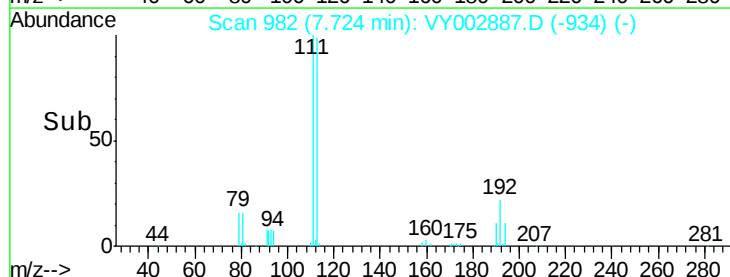
192 23.2 18.9 28.3

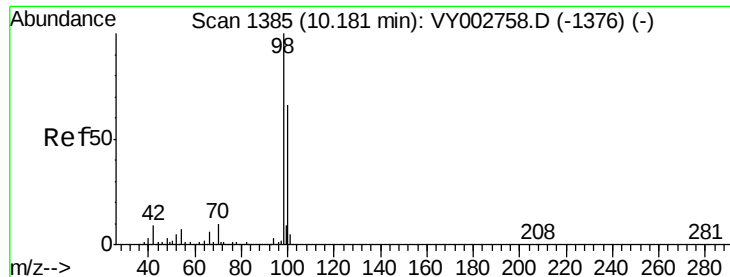


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.047 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

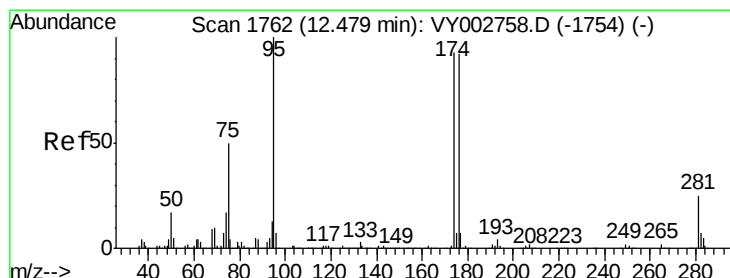
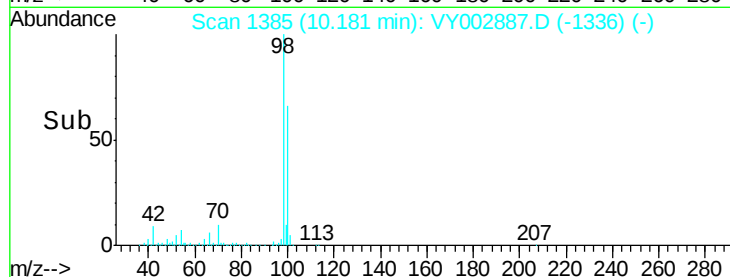
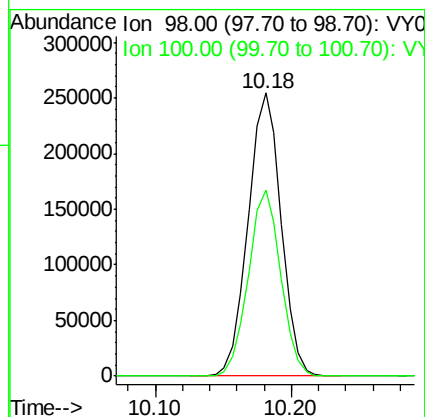
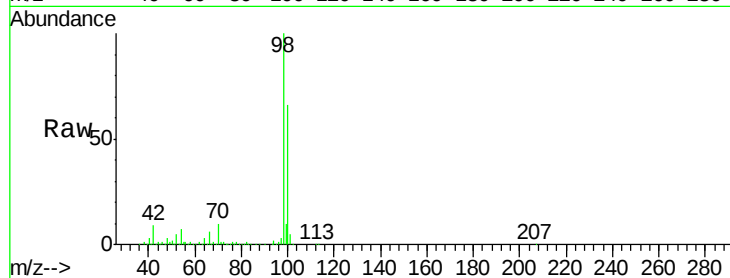
SU-03-061020

Tot Ion: 98 Resp: 433182

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.590 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

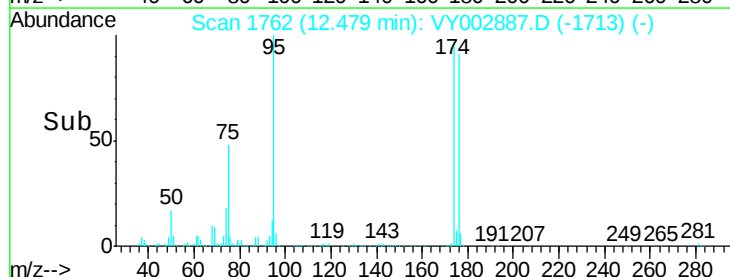
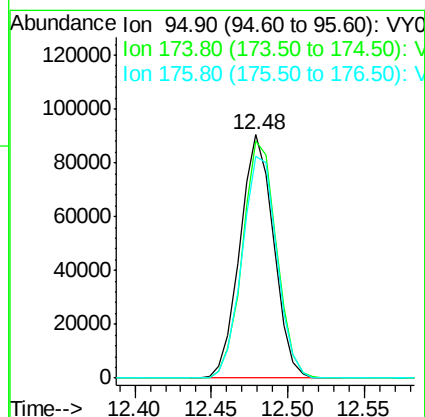
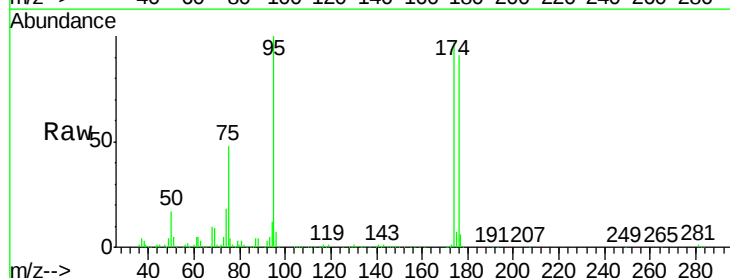
Tgt Ion: 95 Resp: 137813

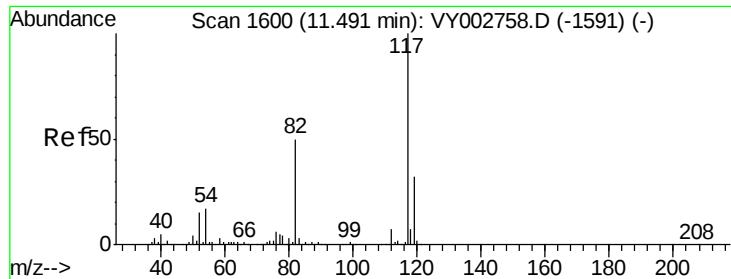
Ion Ratio Lower Upper

95 100

174 98.4 0.0 191.2

176 94.4 0.0 188.8

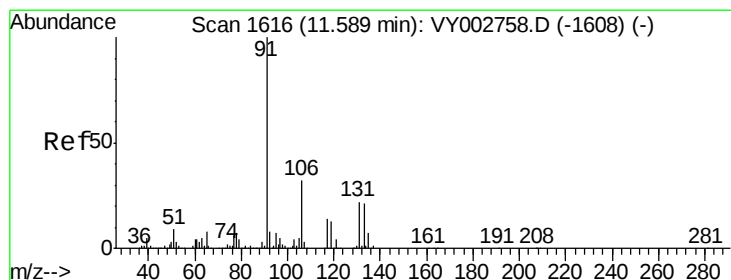
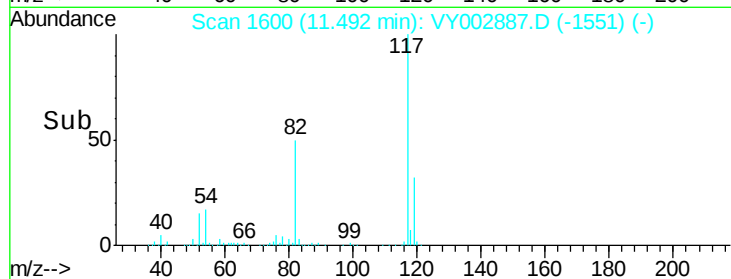
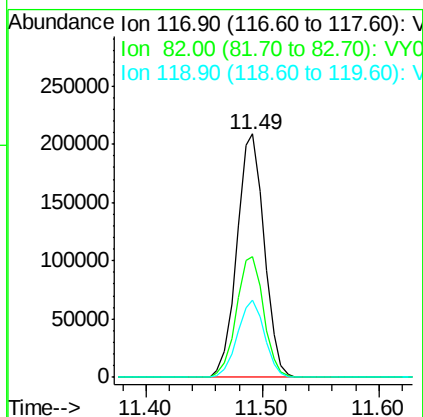
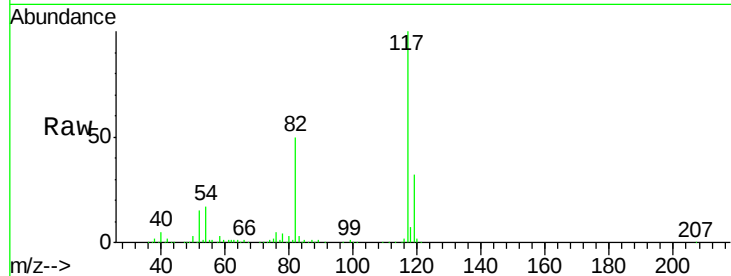




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

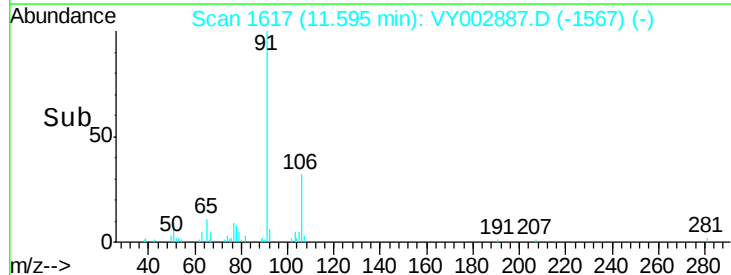
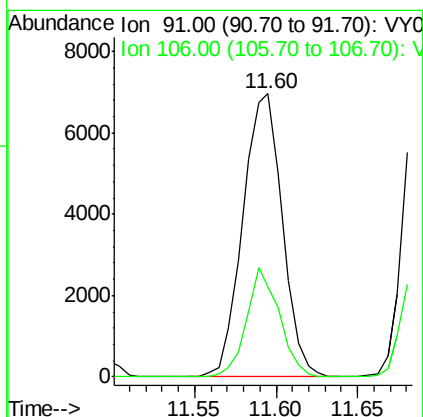
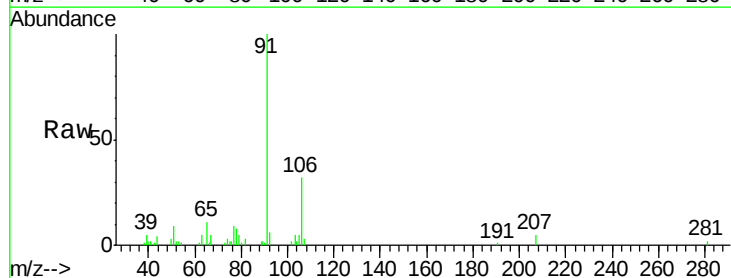
Instrument :
MSVOA_Y
ClientSampled :
SU-03-061020

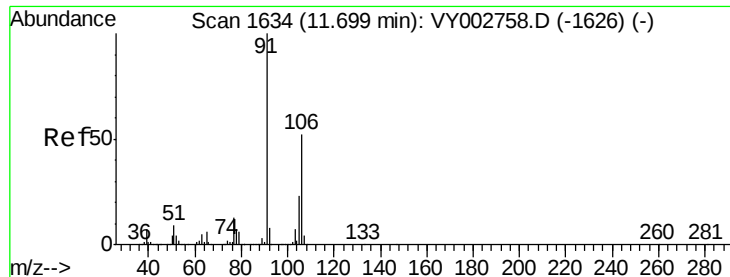
Tot Ion:117 Resp: 340729
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 31.6 25.8 38.8



#67
Ethyl Benzene
Concen: 1.004 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

Tgt Ion: 91 Resp: 11727
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

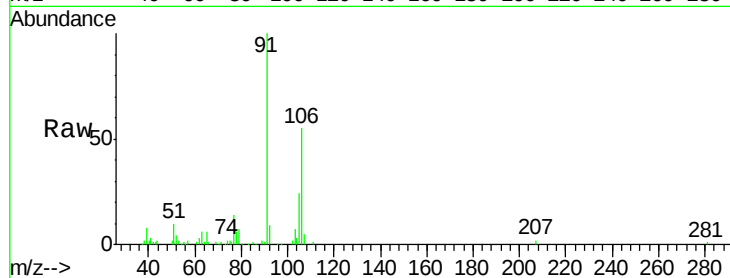




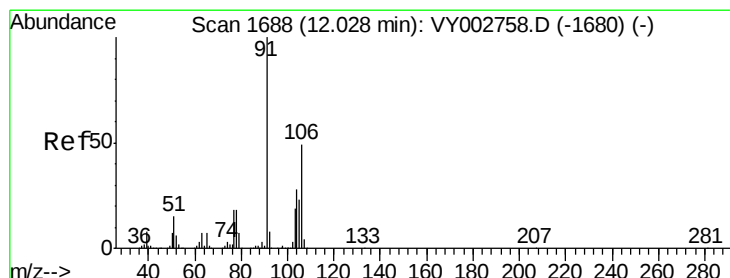
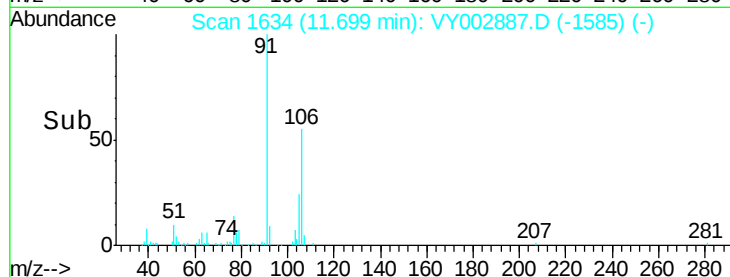
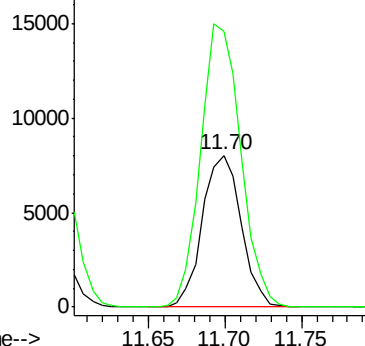
#68
m/p-Xvlenes
Concen: 3.144 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-061020

Tot Ion:106 Resp: 14231
Ion Ratio Lower Upper
106 100
91 192.0 156.0 234.0

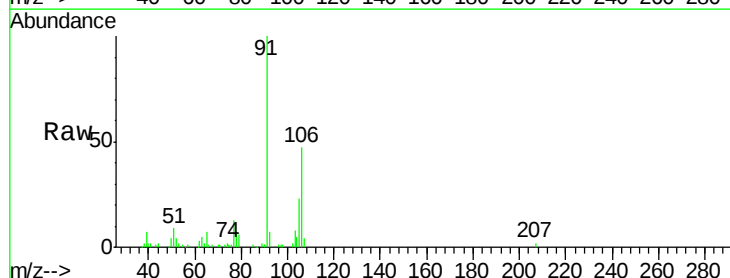


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

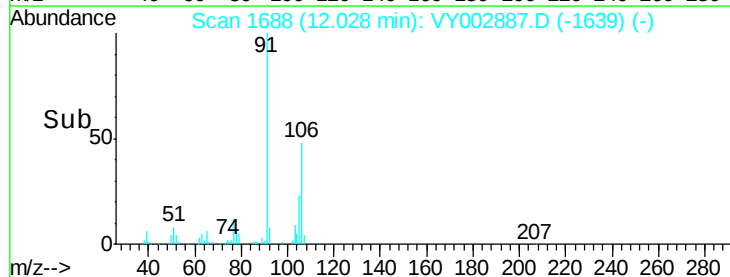
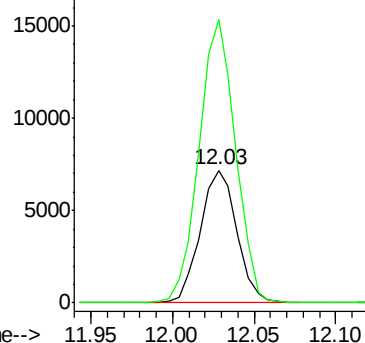


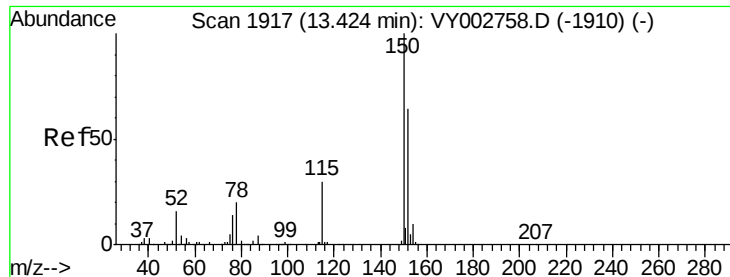
#69
o-Xylene
Concen: 2.627 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002887.D
Acq: 11 Jun 2020 13:22

Tgt Ion:106 Resp: 11228
Ion Ratio Lower Upper
106 100
91 212.8 102.4 307.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-061020

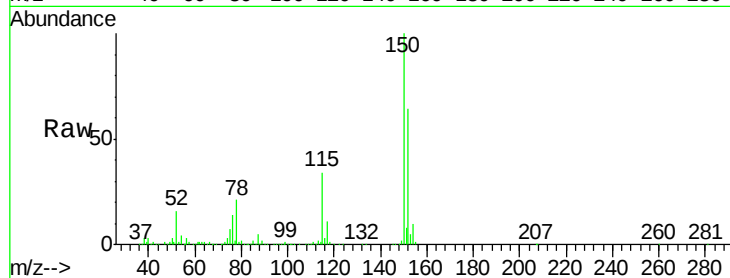
Tot Ion:152 Resp: 157867

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

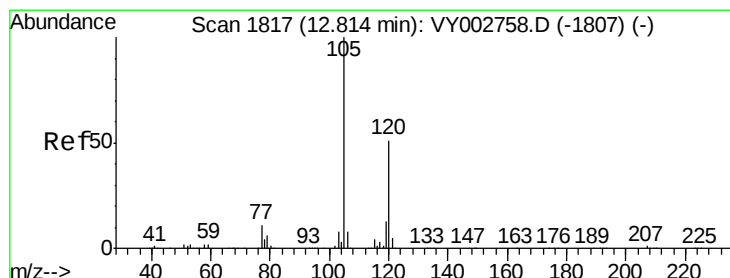
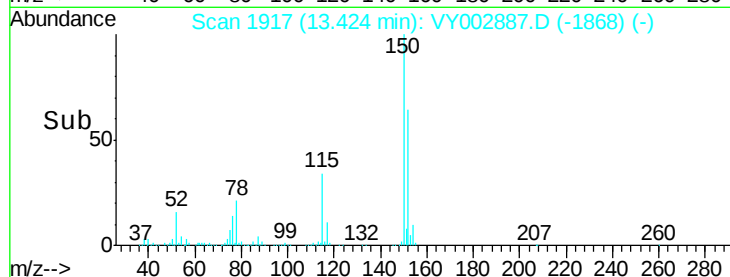
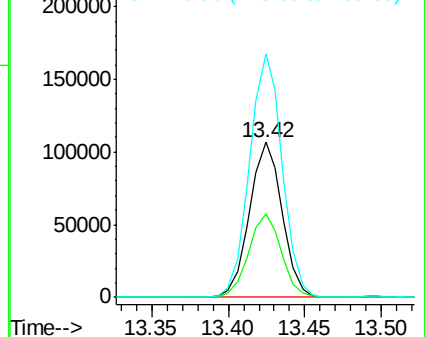
150 157.1 0.0 344.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.233 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002887.D

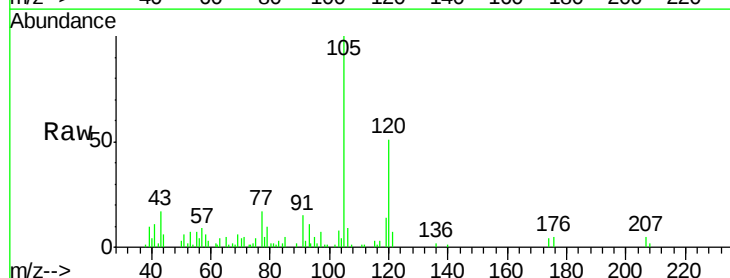
Acq: 11 Jun 2020 13:22

Tgt Ion:105 Resp: 10412

Ion Ratio Lower Upper

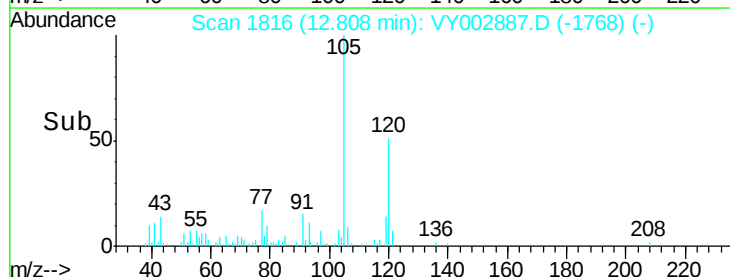
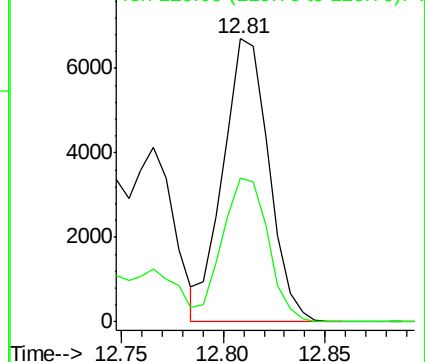
105 100

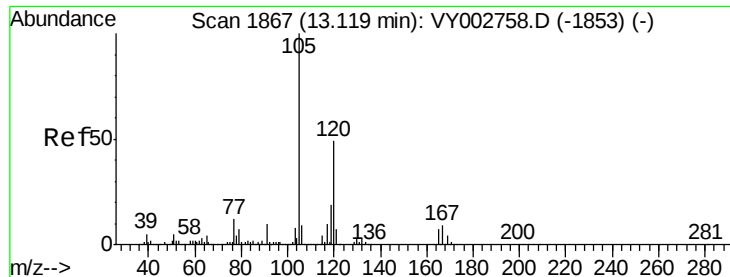
120 51.2 25.3 75.8



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: 3.546 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

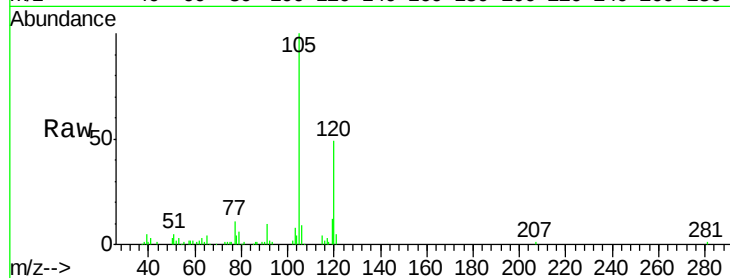
SU-03-061020

Tot Ion:105 Resp: 30118

Ion Ratio Lower Upper

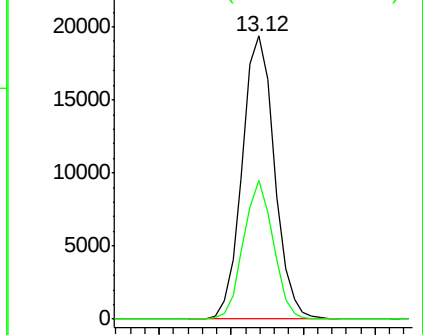
105 100

120 45.1 23.6 70.8

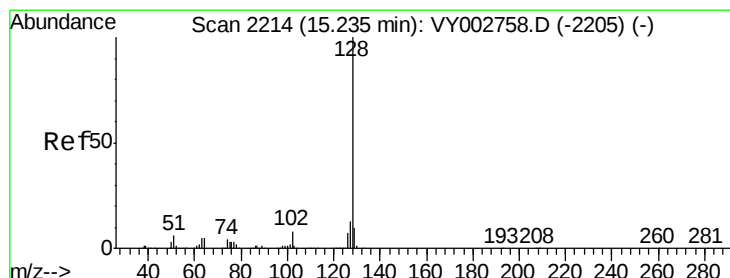
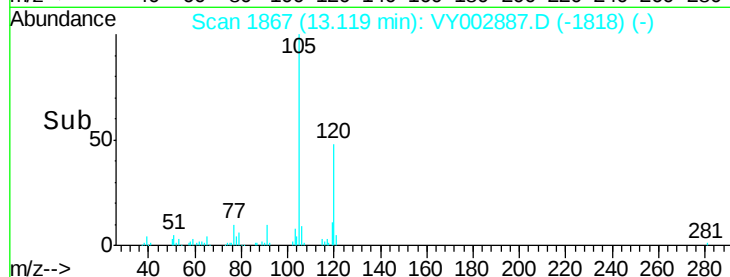


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#95

Naphthalene

Concen: 212.648 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002887.D

Acq: 11 Jun 2020 13:22

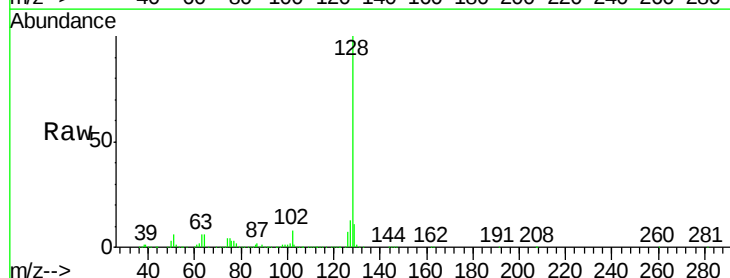
Tgt Ion:128 Resp: 1454299

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

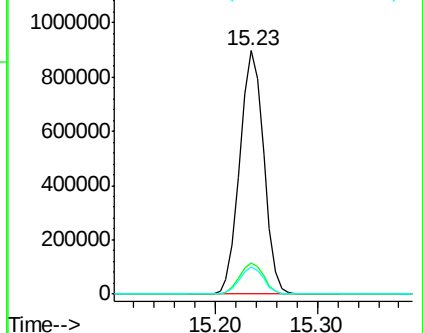
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

