

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000842.D
 Acq On : 03 Dec 2019 16:41
 Operator : SY/MD
 Sample : K6120-05
 Misc : 9.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-4

Quant Time: Dec 04 01:24:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

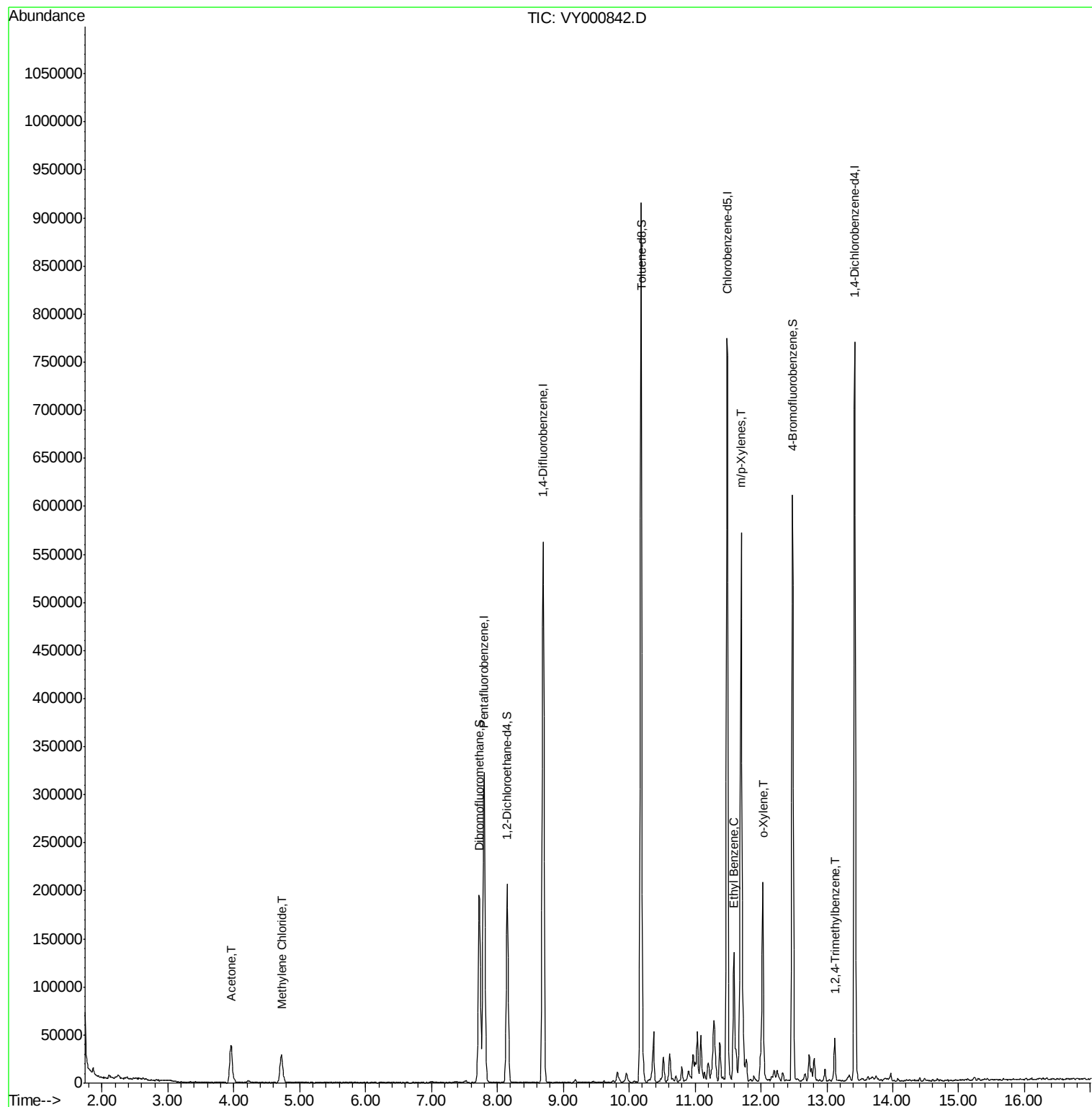
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	248045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	469337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	424456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151858	57.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.24%	
35) Dibromofluoromethane	7.72	113	140620	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.18	98	566441	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.48	95	187060	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
16) Acetone	3.96	43	67928	112.348	ug/l	97
20) Methylene Chloride	4.73	84	21058	6.607	ug/l #	82
67) Ethyl Benzene	11.59	91	86789	5.282	ug/l	97
68) m/p-Xylenes	11.70	106	159510	25.863	ug/l	96
69) o-Xylene	12.03	106	51406	8.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	23710	1.962	ug/l	100

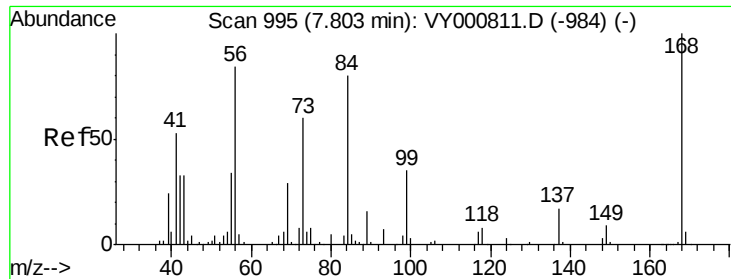
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
Data File : VY000842.D
Acq On : 03 Dec 2019 16:41
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TH-4

Quant Time: Dec 04 01:24:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000842.D

Acq: 03 Dec 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

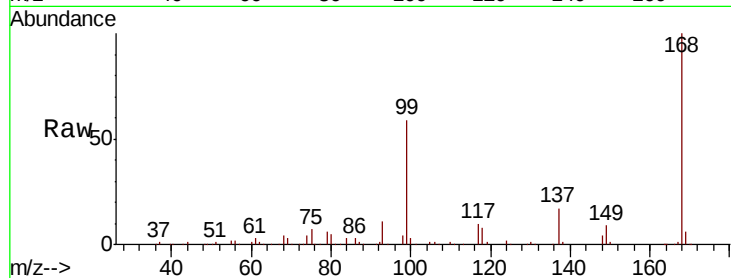
TH-4

Tot Ion:168 Resp: 248045

Ion Ratio Lower Upper

168 100

99 59.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

120000

100000

80000

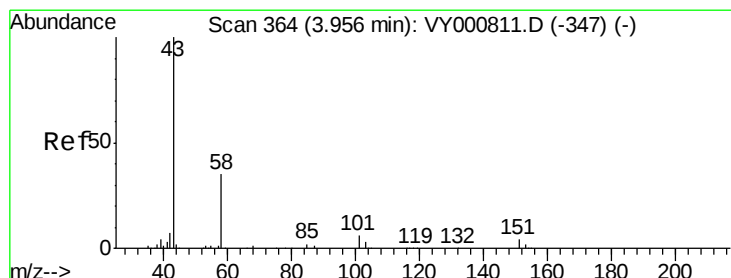
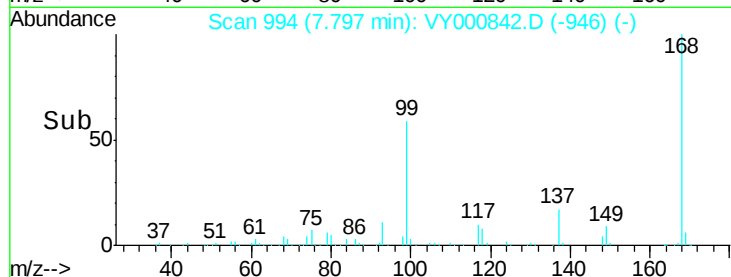
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 112.348 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000842.D

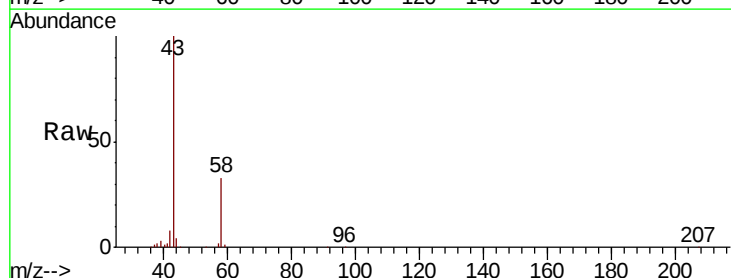
Acq: 03 Dec 2019 16:41

Tgt Ion: 43 Resp: 67928

Ion Ratio Lower Upper

43 100

58 33.4 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.96

25000

20000

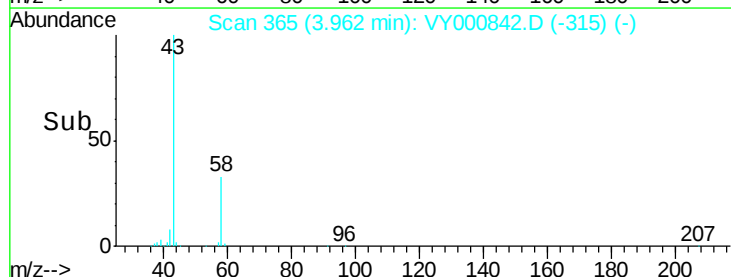
15000

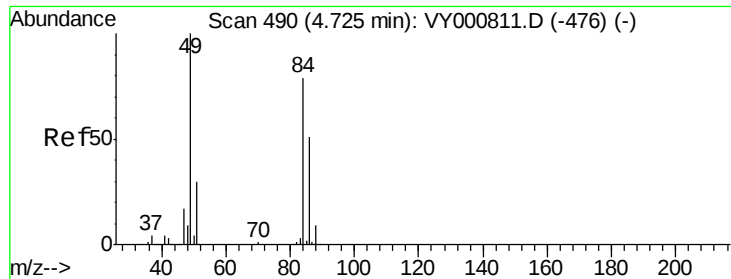
10000

5000

0

Time-->

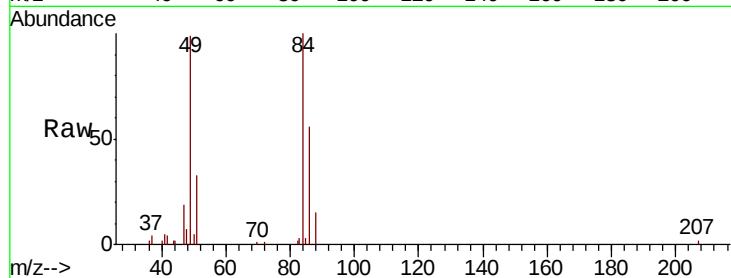




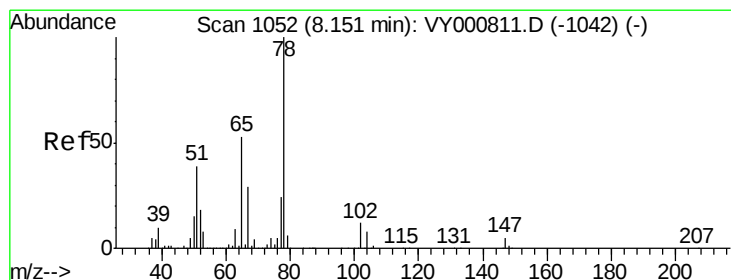
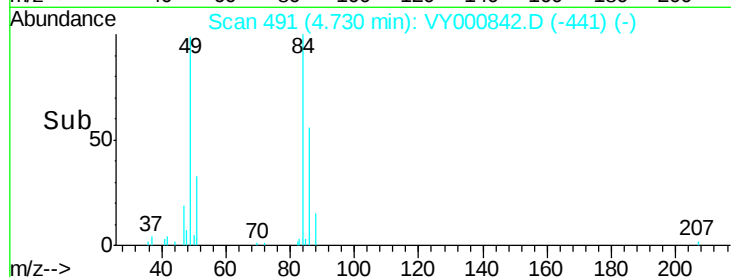
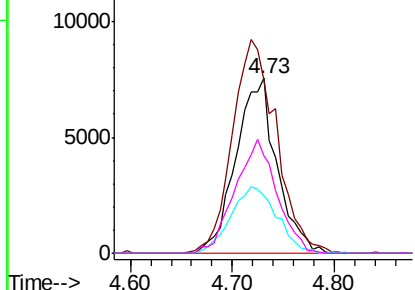
#20
Methylene Chloride
Concen: 6.607 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

Instrument :
MSVOA_Y
ClientSampled :
TH-4

Tot Ion: 84 Resp: 21058
Ion Ratio Lower Upper
84 100
49 98.2 101.3 151.9#
51 32.9 30.6 45.8
86 55.7 51.3 76.9

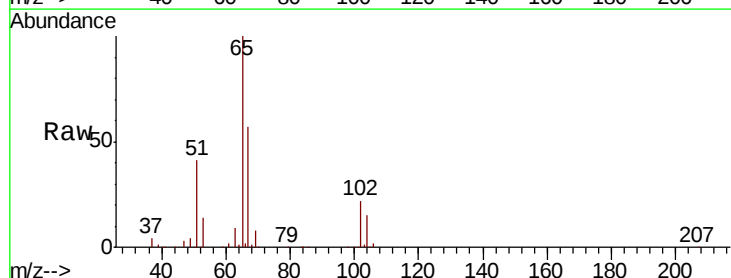


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

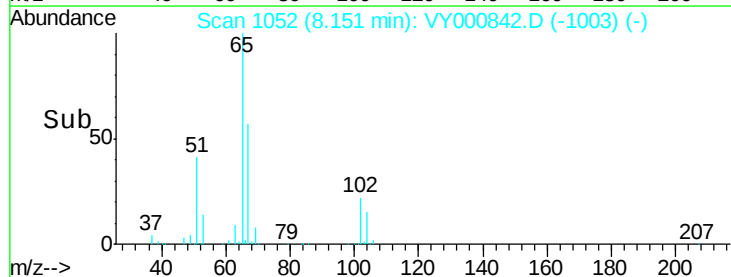
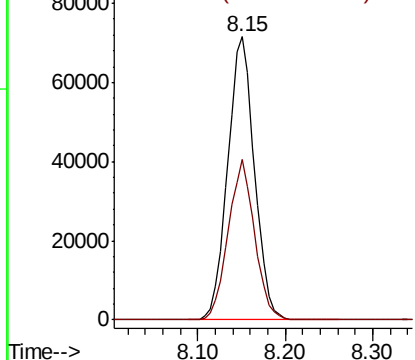


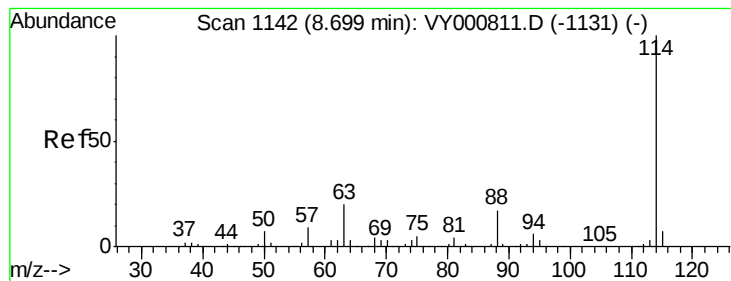
#33
1,2-Dichloroethane-d4
Concen: 57.616 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

Tgt Ion: 65 Resp: 151858
Ion Ratio Lower Upper
65 100
67 55.7 0.0 112.0



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: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000842.D

Acq: 03 Dec 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TH-4

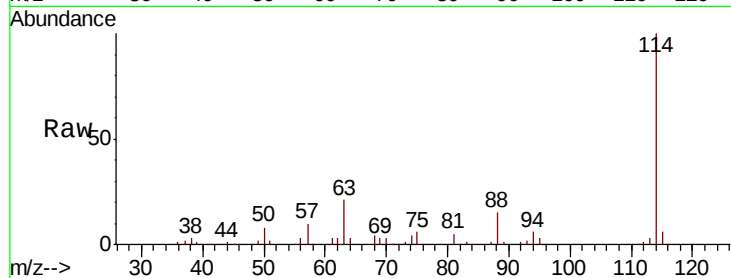
Tot Ion:114 Resp: 469337

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

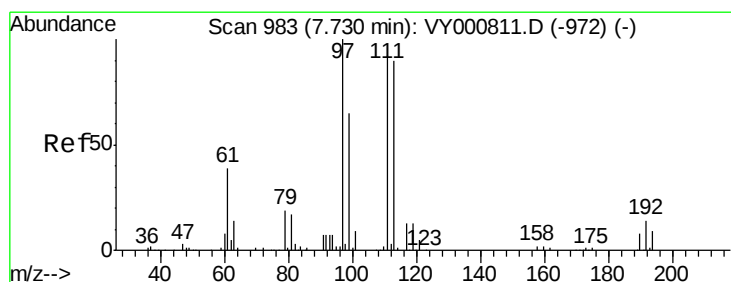
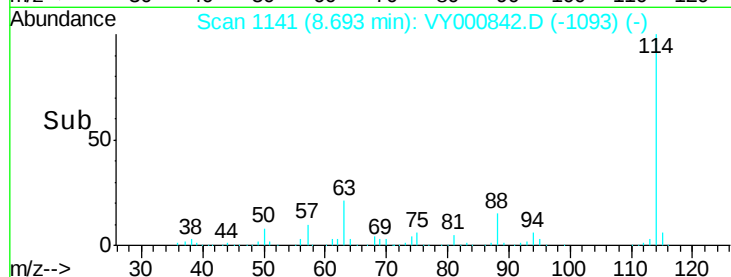
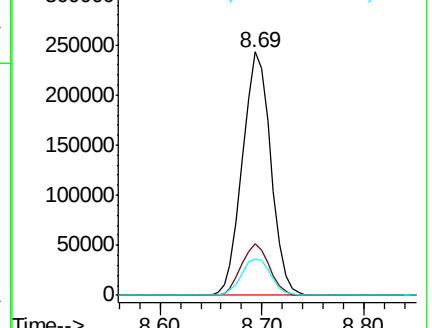
88 15.1 0.0 33.2



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: 51.409 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000842.D

Acq: 03 Dec 2019 16:41

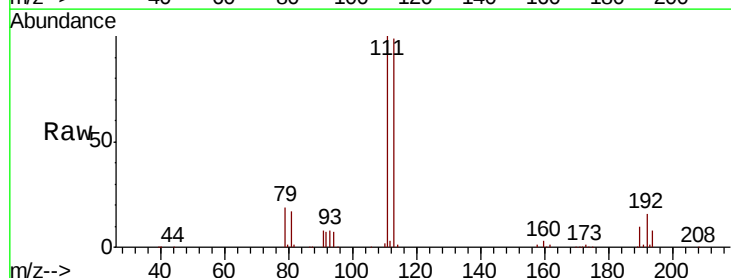
Tgt Ion:113 Resp: 140620

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

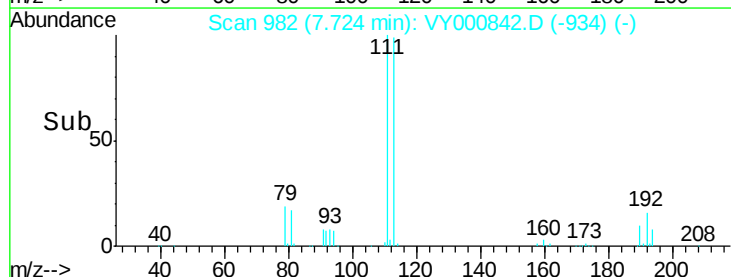
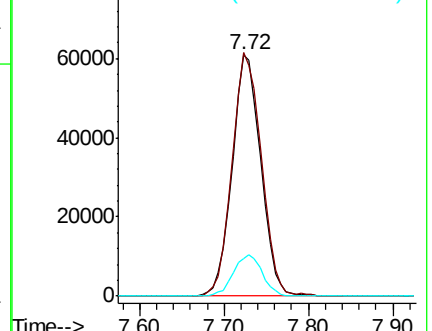
192 17.4 14.2 21.2

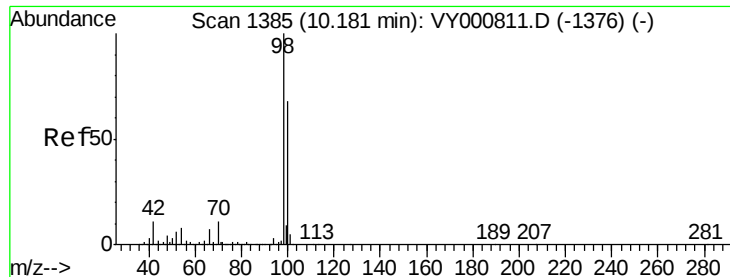


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.798 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000842.D

Acq: 03 Dec 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

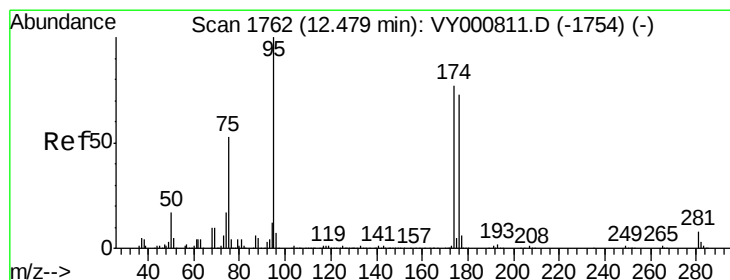
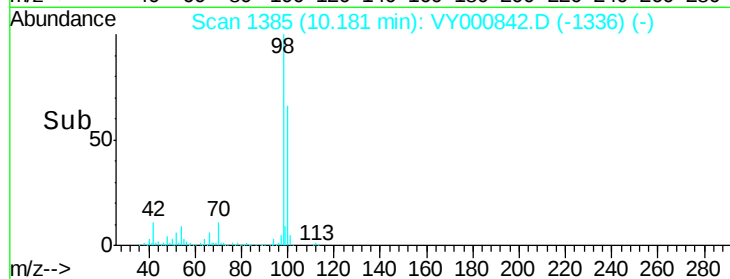
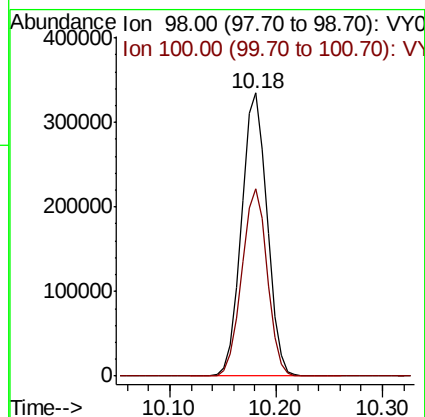
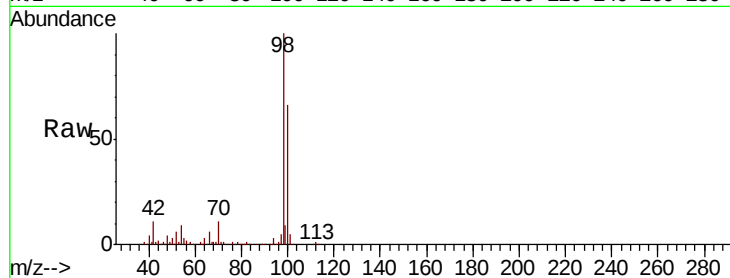
TH-4

Tot Ion: 98 Resp: 566441

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000842.D

Acq: 03 Dec 2019 16:41

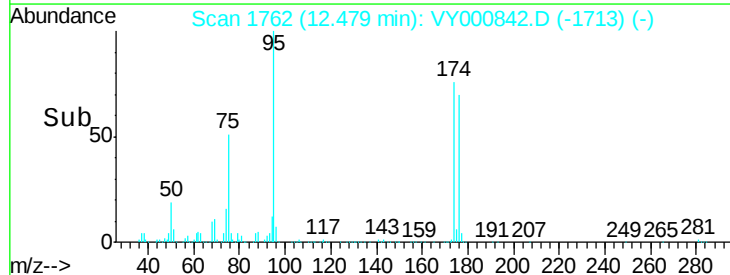
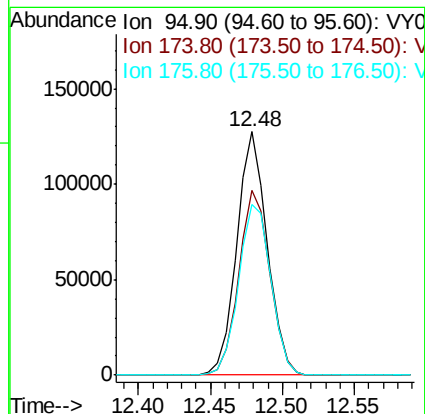
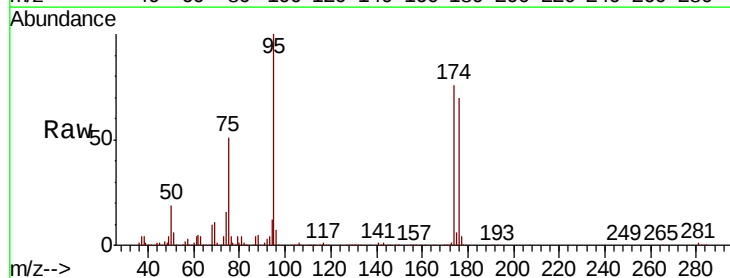
Tgt Ion: 95 Resp: 187060

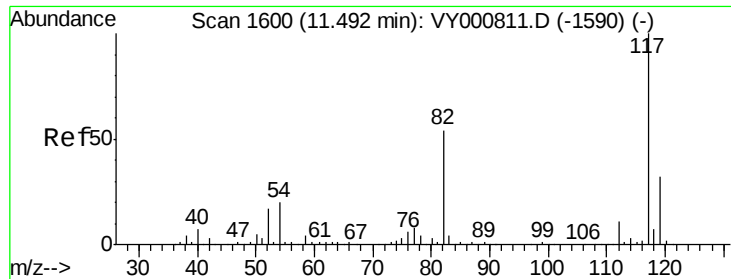
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 74.6 0.0 145.2

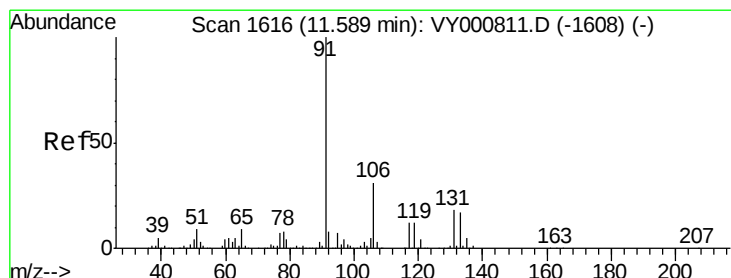
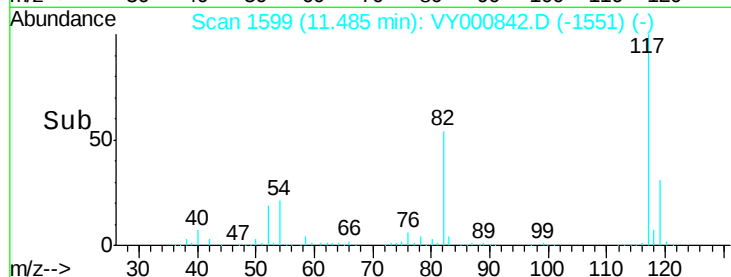
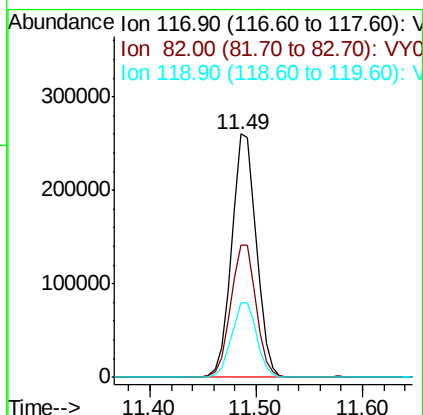
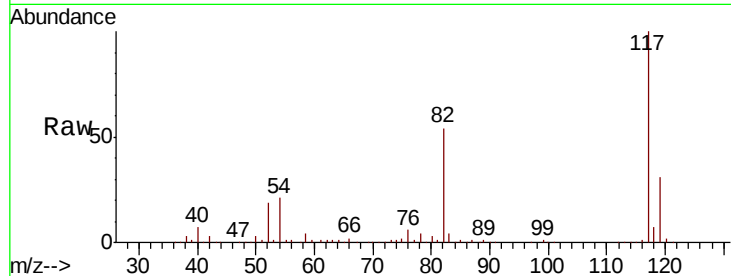




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

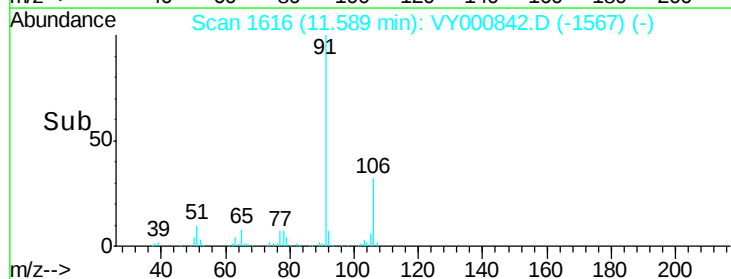
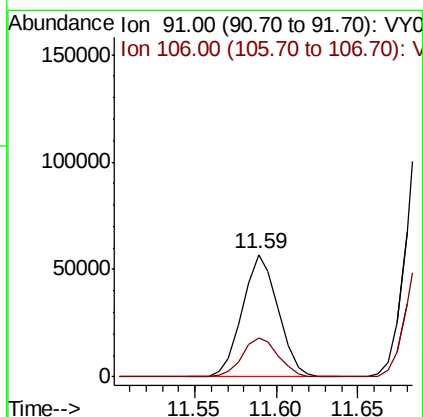
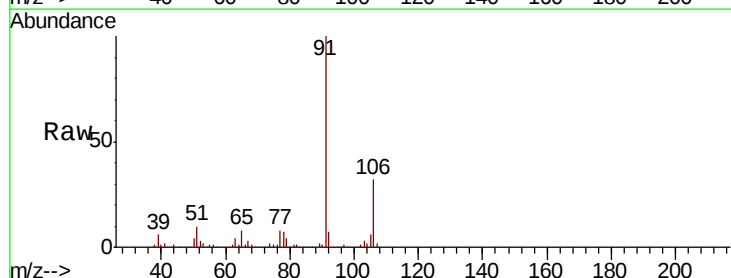
Instrument :
MSVOA_Y
ClientSampleId :
TH-4

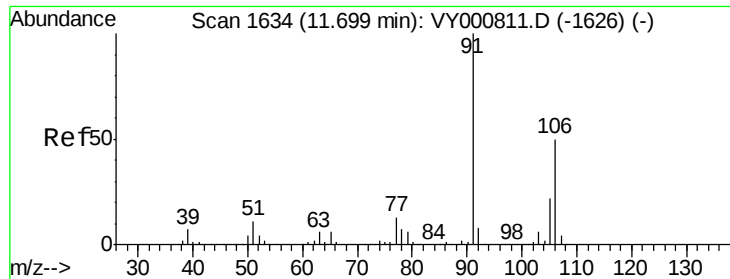
Tot Ion:117 Resp: 424456
Ion Ratio Lower Upper
117 100
82 54.0 43.1 64.7
119 30.8 25.3 37.9



#67
Ethyl Benzene
Concen: 5.282 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

Tgt Ion: 91 Resp: 86789
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6

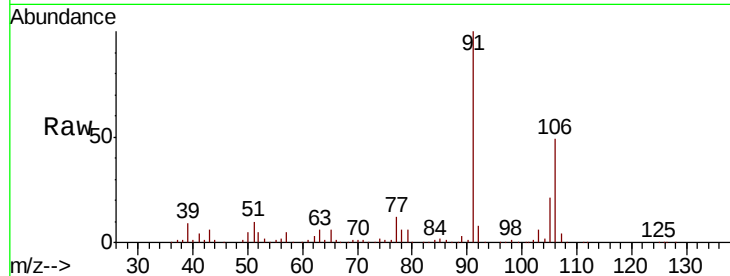




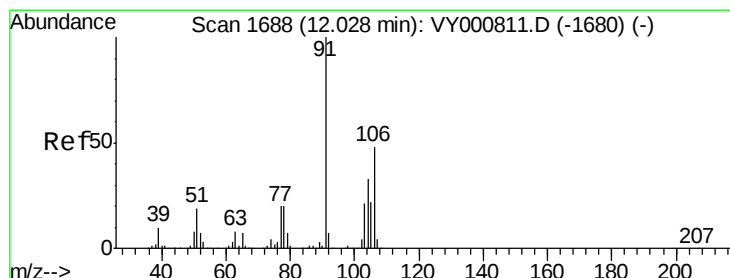
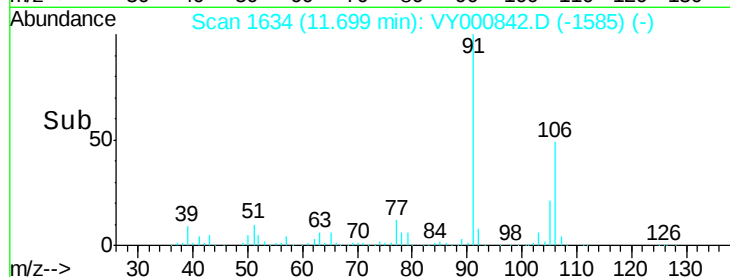
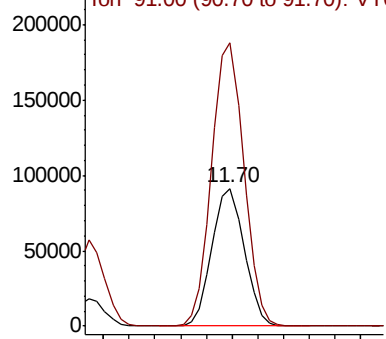
#68
m/p-Xvlenes
Concen: 25.863 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

Instrument :
MSVOA_Y
ClientSampled :
TH-4

Tot Ion:106 Resp: 159510
Ion Ratio Lower Upper
106 100
91 204.9 159.6 239.4

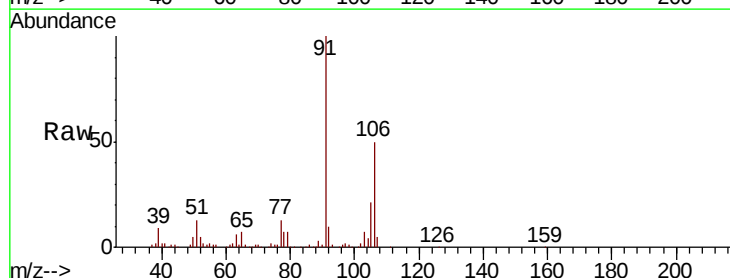


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

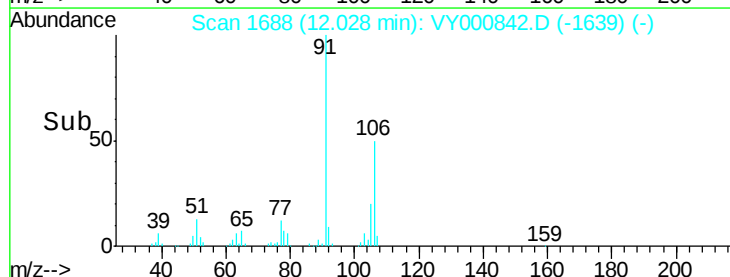
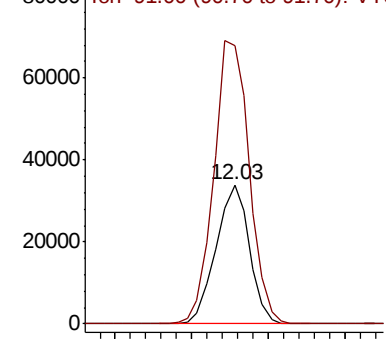


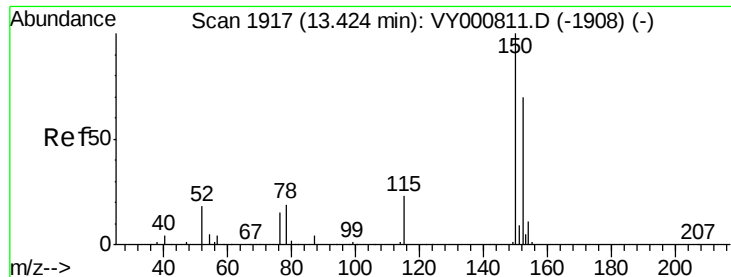
#69
o-Xylene
Concen: 8.939 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000842.D
Acq: 03 Dec 2019 16:41

Tgt Ion:106 Resp: 51406
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.1



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: VY000842.D

Acq: 03 Dec 2019 16:41

Instrument :

MSVOA_Y

ClientSampled :

TH-4

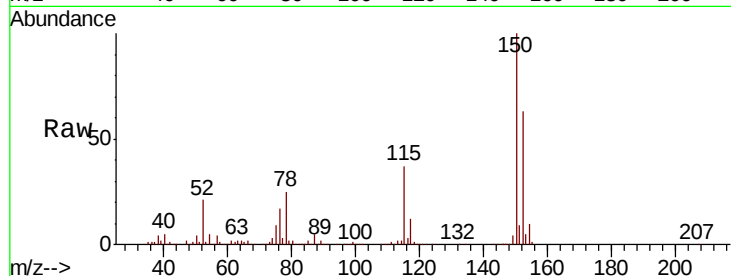
Tot Ion:152 Resp: 183216

Ion Ratio Lower Upper

152 100

115 60.7 29.3 87.8

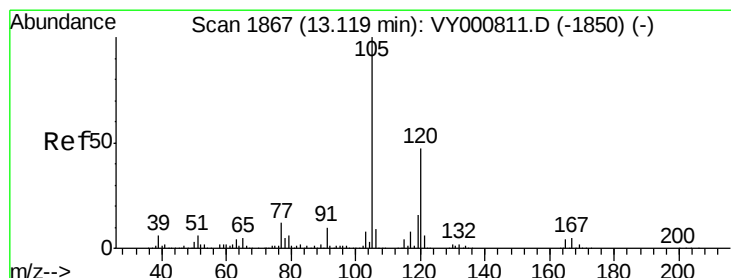
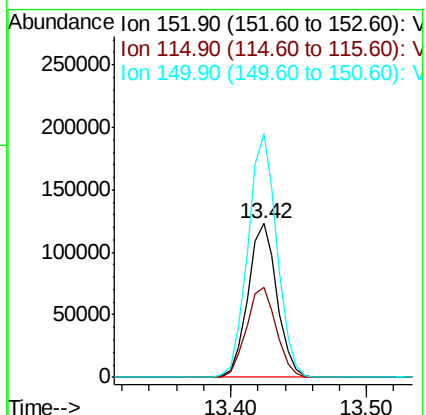
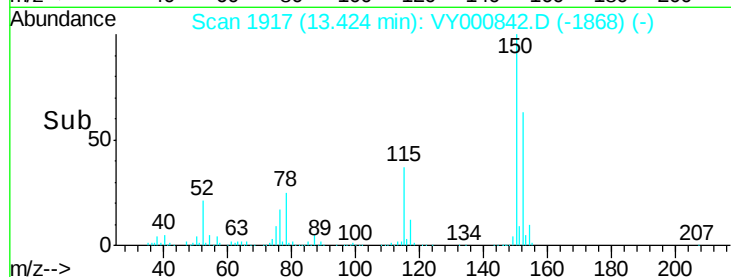
150 158.4 0.0 351.2



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: 1.962 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000842.D

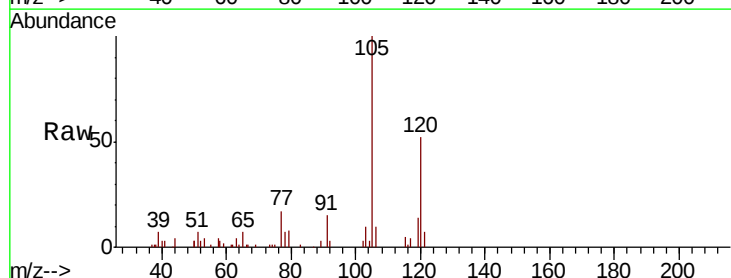
Acq: 03 Dec 2019 16:41

Tgt Ion:105 Resp: 23710

Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

