

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002365.D
 Acq On : 10 May 2018 08:00
 Operator : JC/SY
 Sample : J2680-03RE
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-BRE

Quant Time: May 10 15:45:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

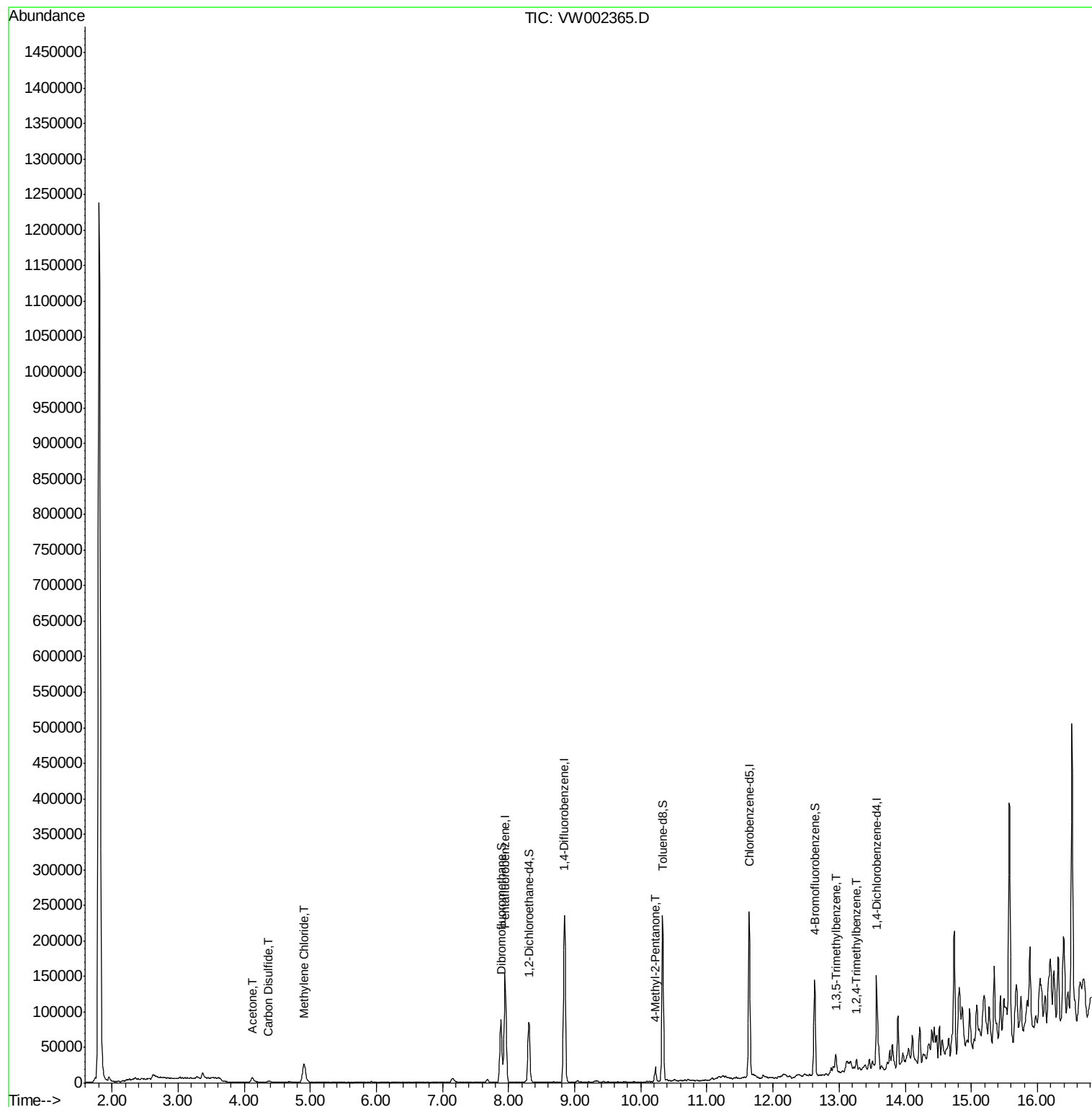
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	201177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	129186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	35595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66261	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.88	113	60098	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	10.33	98	149390	30.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.76%	
62) 4-Bromofluorobenzene	12.63	95	41373	23.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.56%	
Target Compounds						
16) Acetone	4.12	43	11605	46.21	ug/l	97
17) Carbon Disulfide	4.37	76	4296m	1.35	ug/l	
20) Methylene Chloride	4.91	84	21262	17.56	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	13799	14.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	6433	3.31	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	9187	4.56	ug/l	98

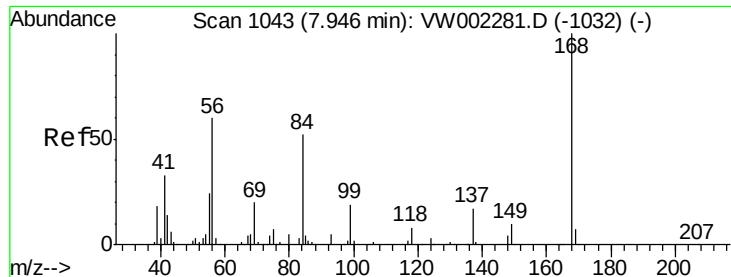
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
Data File : VW002365.D
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Operator : JC/SY
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-BRE

Quant Time: May 10 15:45:29 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

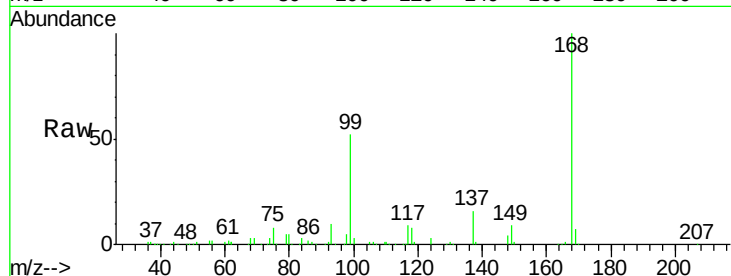
PL-02-050418-BRE

Tot Ion:168 Resp: 121096

Ion Ratio Lower Upper

168 100

99 51.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

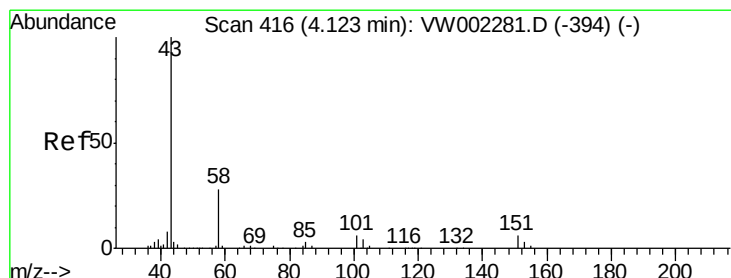
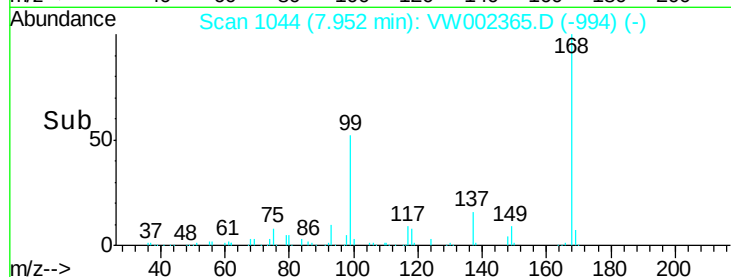
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 46.21 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002365.D

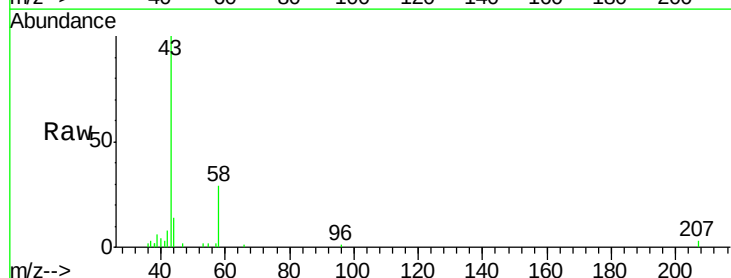
Acq: 10 May 2018 08:00

Tgt Ion: 43 Resp: 11605

Ion Ratio Lower Upper

43 100

58 29.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

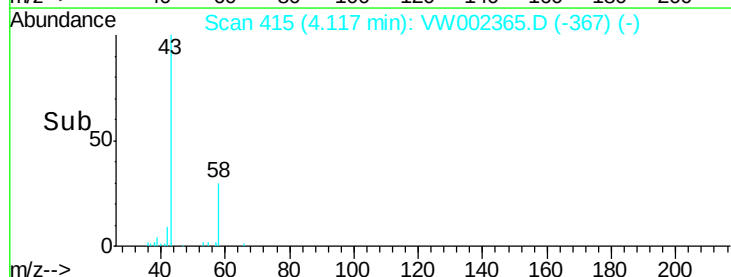
3000

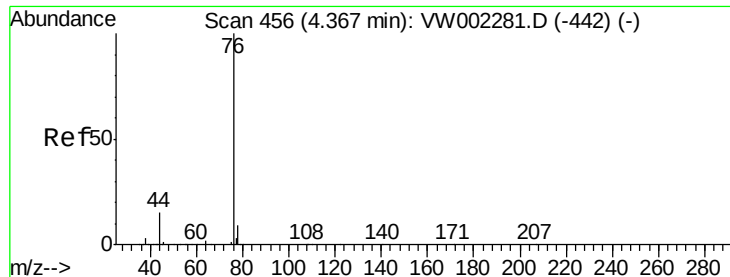
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.35 ug/l m

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

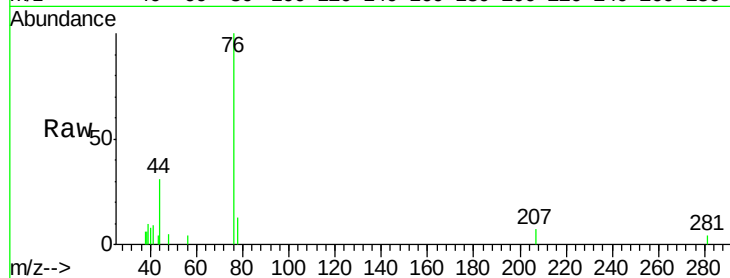
PL-02-050418-BRE

Tot Ion: 76 Resp: 4296

Ion Ratio Lower Upper

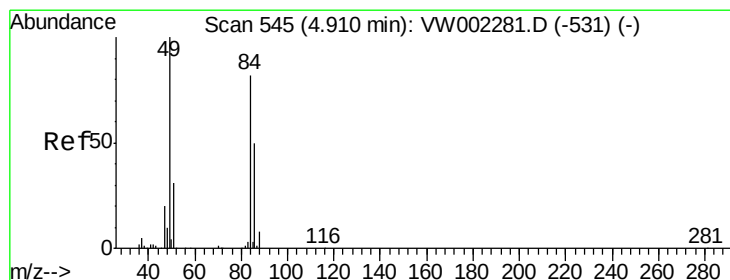
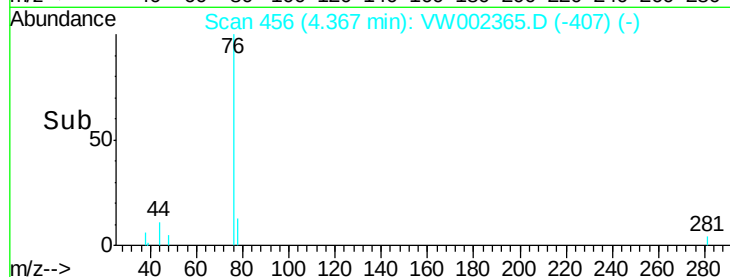
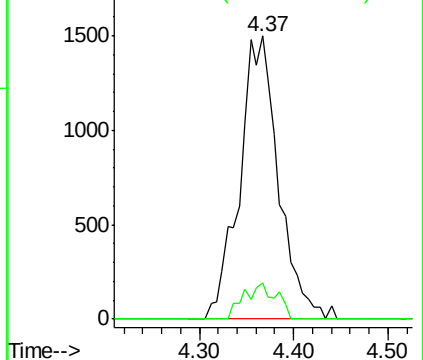
76 100

78 13.0 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 17.56 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

Tgt Ion: 84 Resp: 21262

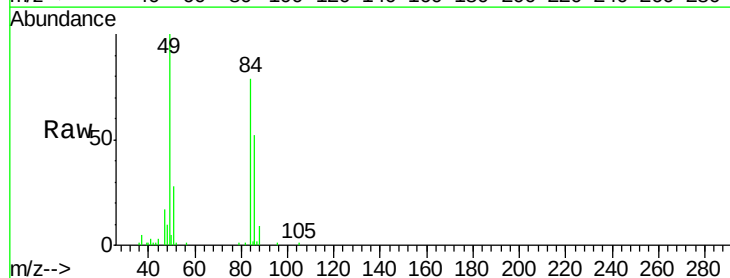
Ion Ratio Lower Upper

84 100

49 125.5 97.7 146.5

51 35.7 30.2 45.4

86 65.5 48.9 73.3

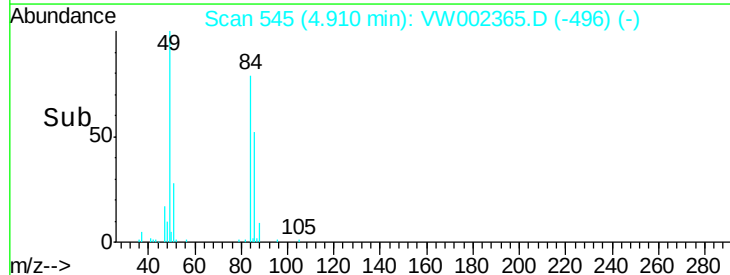
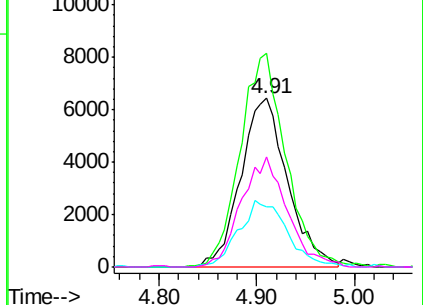


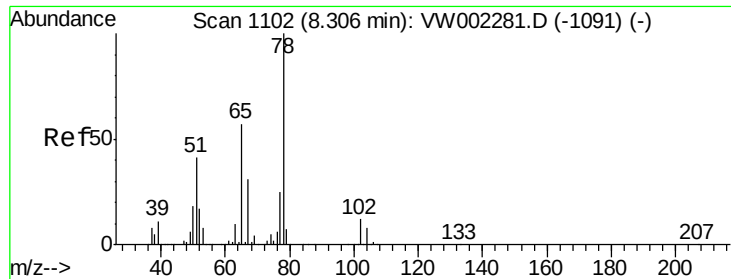
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

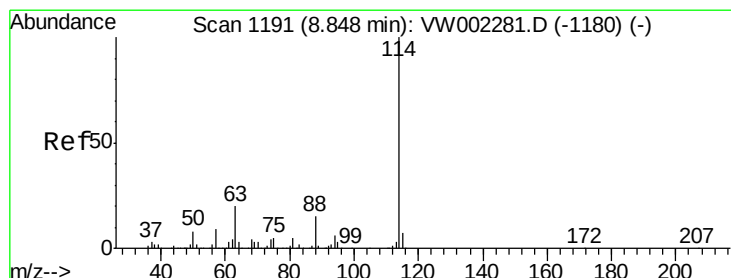
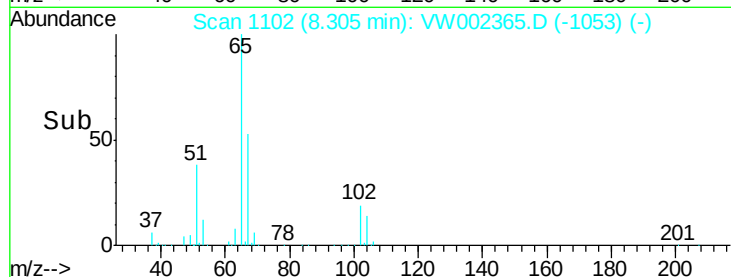
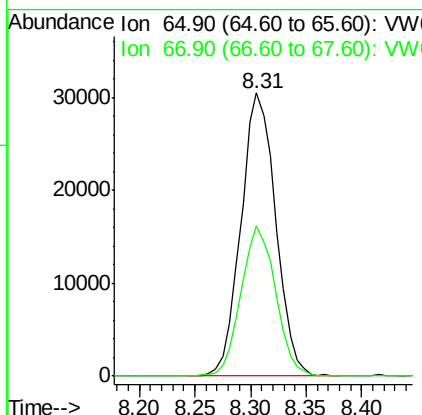
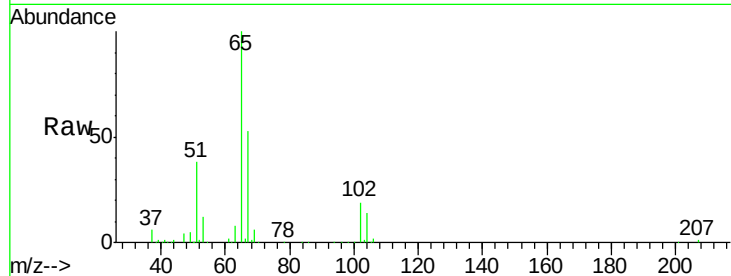




#33
 1,2-Dichloroethane-d4
 Concen: 51.53 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002365.D
 Acq: 10 May 2018 08:00

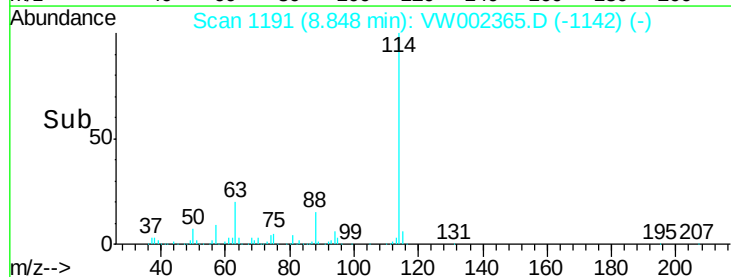
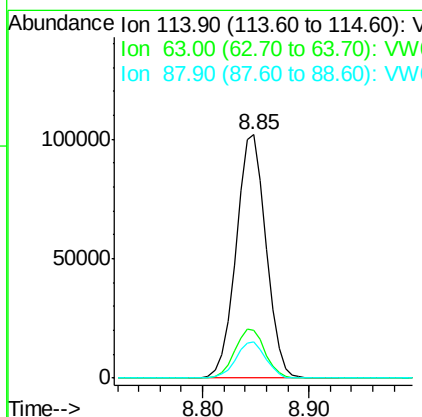
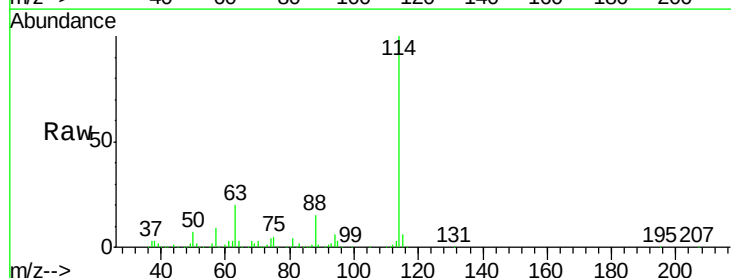
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-BRE

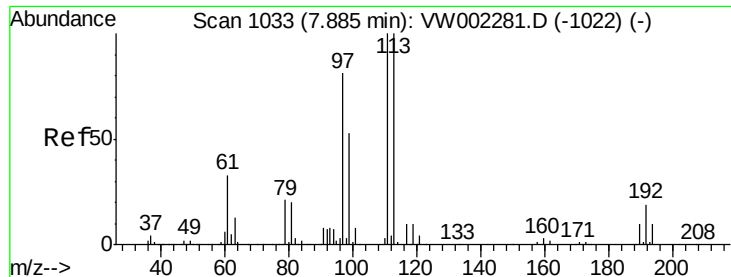
Tot Ion: 65 Resp: 66261
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002365.D
 Acq: 10 May 2018 08:00

Tgt Ion: 114 Resp: 201177
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 14.7 0.0 29.6

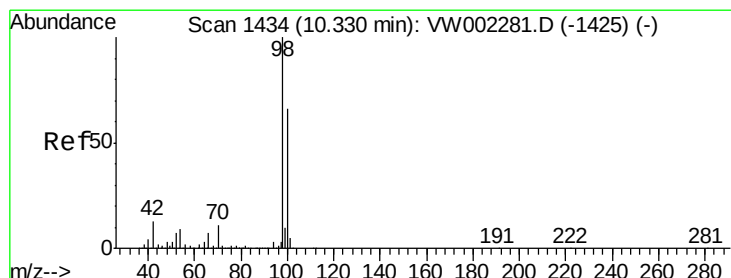
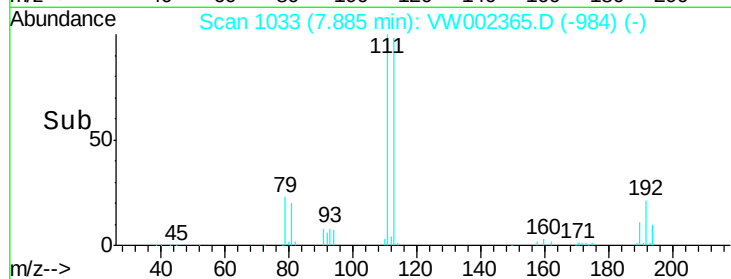
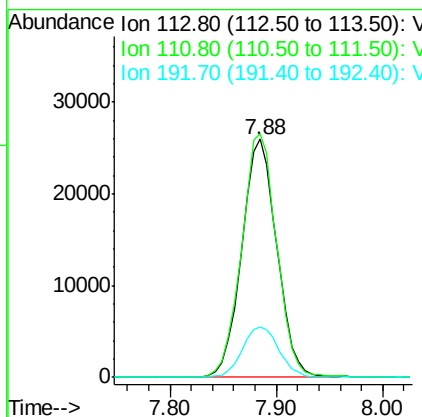
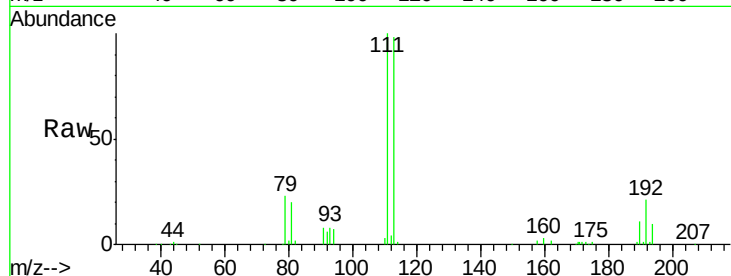




#35
 Dibromofluoromethane
 Concen: 46.61 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002365.D
 Acq: 10 May 2018 08:00

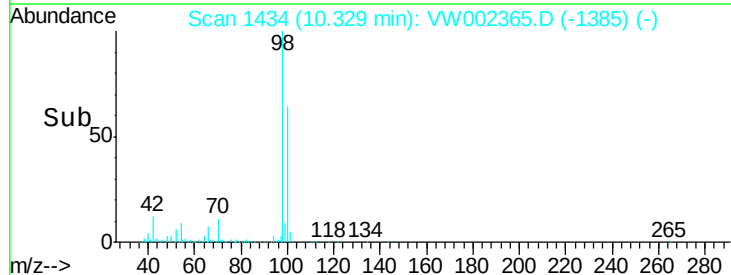
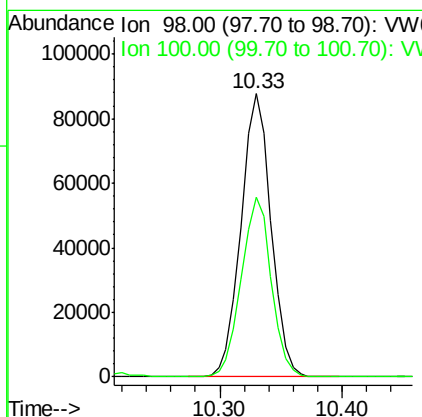
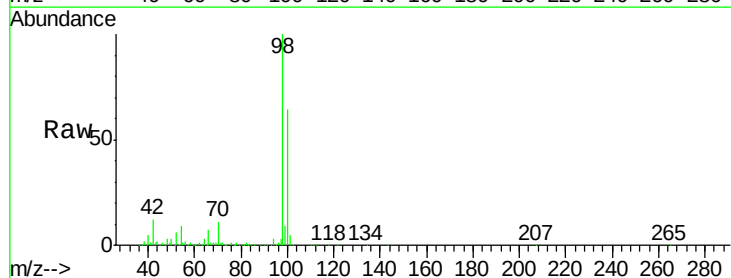
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-BRE

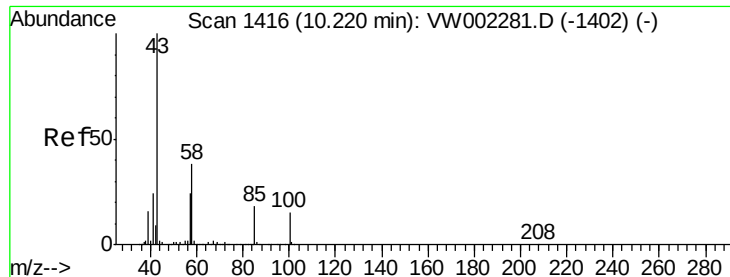
Tot Ion:113 Resp: 60098
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 22.0 16.4 24.6



#50
 Toluene-d8
 Concen: 30.38 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002365.D
 Acq: 10 May 2018 08:00

Tgt Ion: 98 Resp: 149390
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 14.87 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

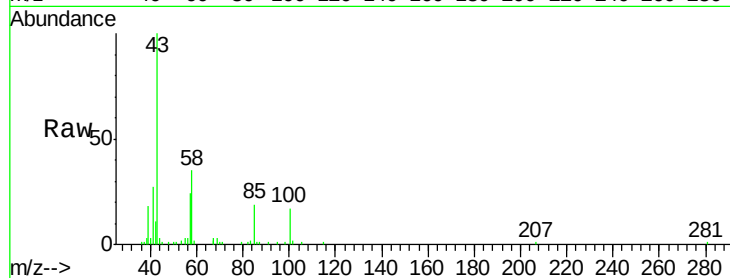
PL-02-050418-BRE

Tot Ion: 43 Resp: 13799

Ion Ratio Lower Upper

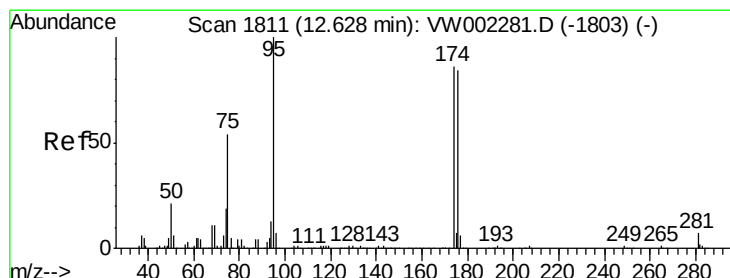
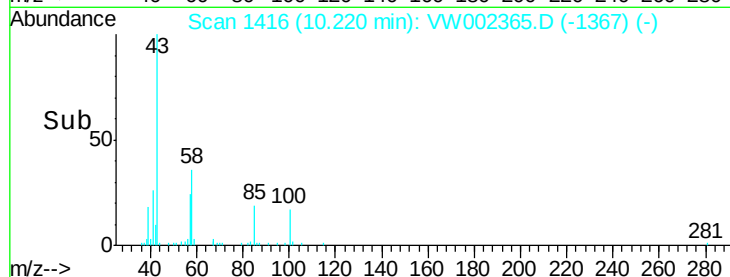
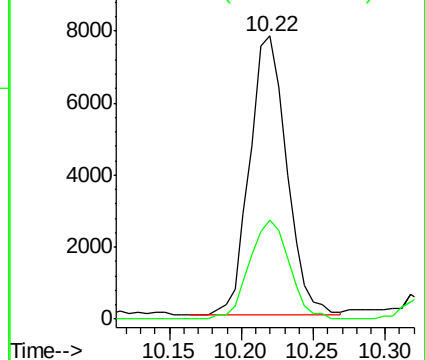
43 100

58 38.1 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 23.28 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

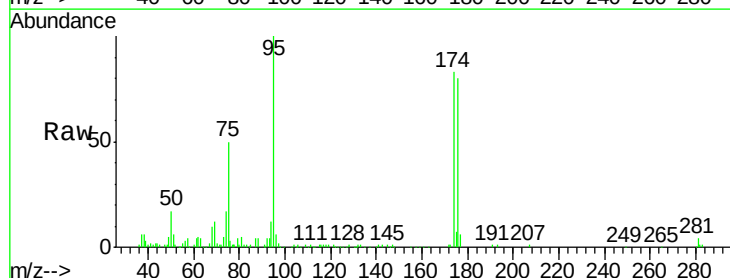
Tgt Ion: 95 Resp: 41373

Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.8

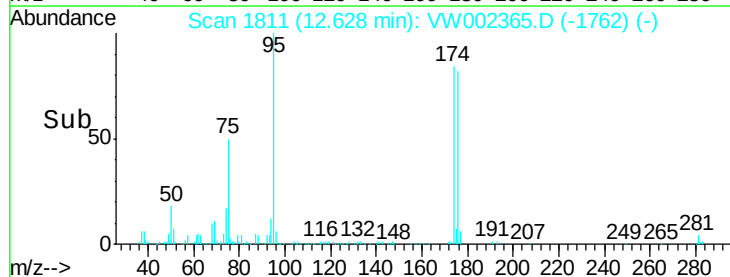
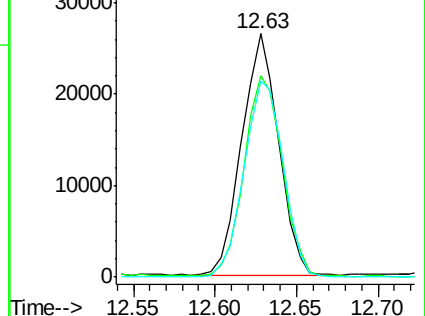
176 86.7 0.0 170.4

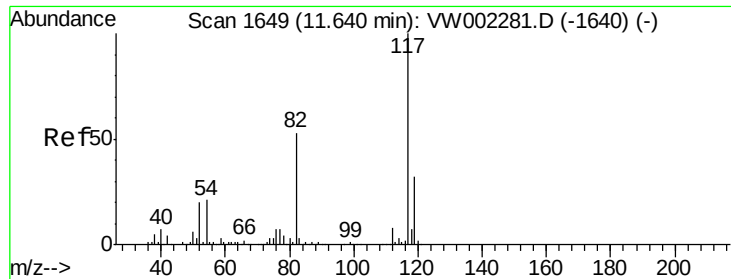


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

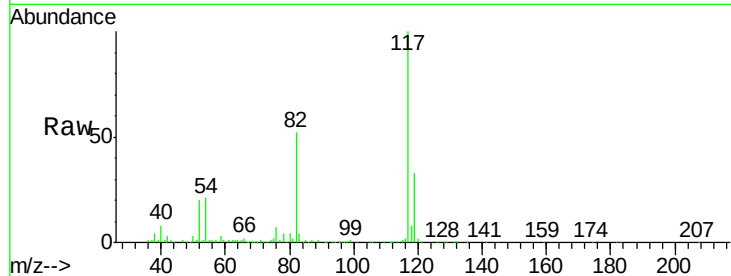




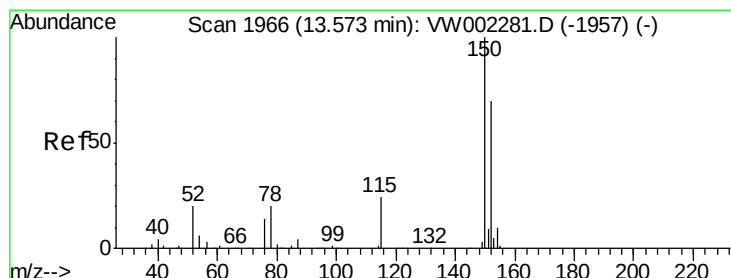
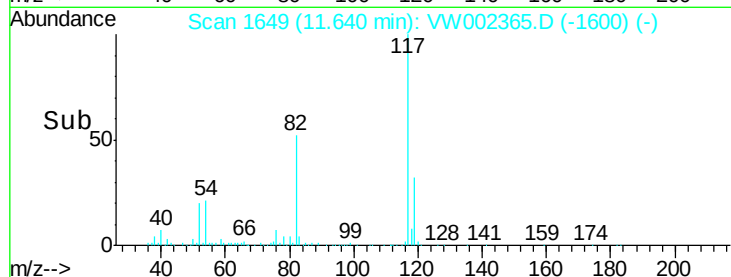
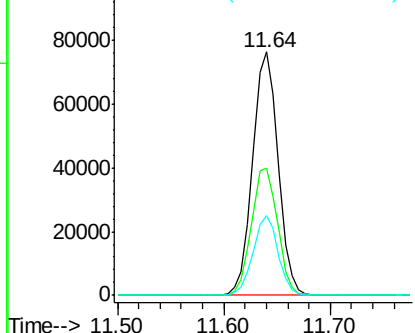
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002365.D
Acq: 10 May 2018 08:00

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-BRE

Tot Ion:117 Resp: 129186
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 32.4 25.2 37.8

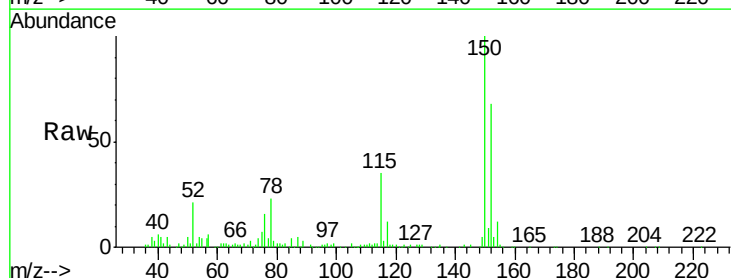


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

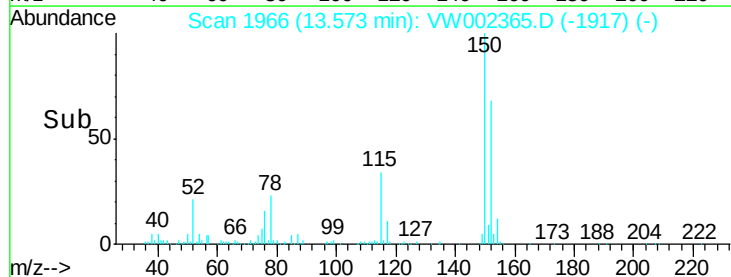
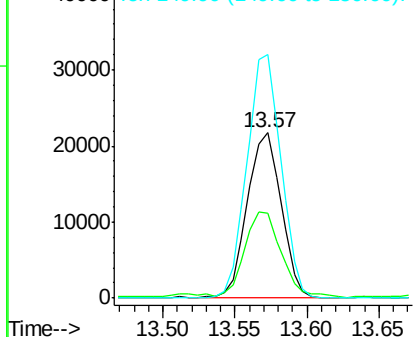


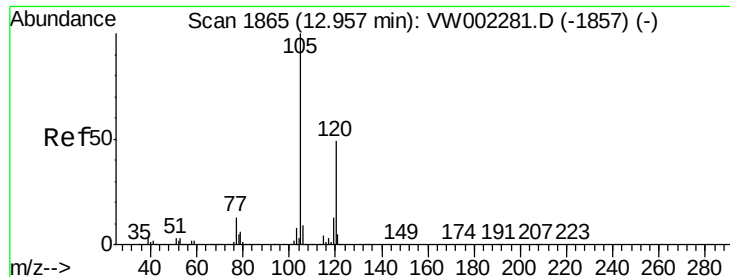
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002365.D
Acq: 10 May 2018 08:00

Tgt Ion:152 Resp: 35595
Ion Ratio Lower Upper
152 100
115 54.6 28.5 85.5
150 146.9 0.0 342.6



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: 3.31 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002365.D

Acq: 10 May 2018 08:00

Instrument :

MSVOA_W

ClientSampleId :

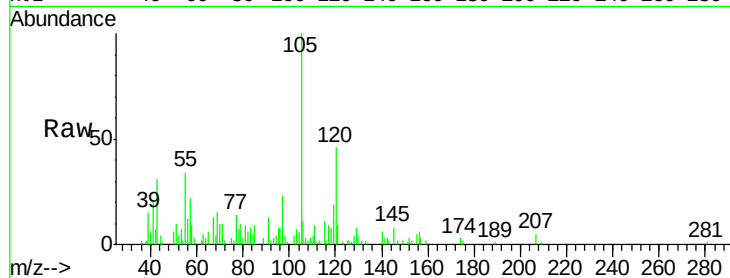
PL-02-050418-BRE

Tot Ion:105 Resp: 6433

Ion Ratio Lower Upper

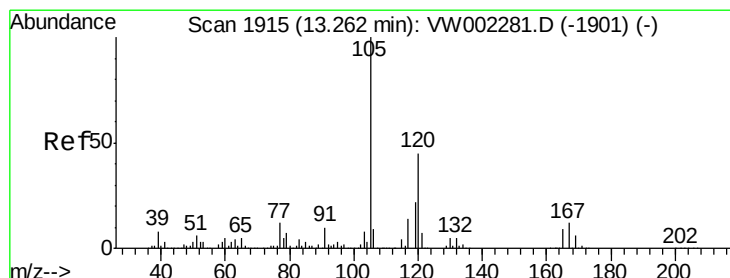
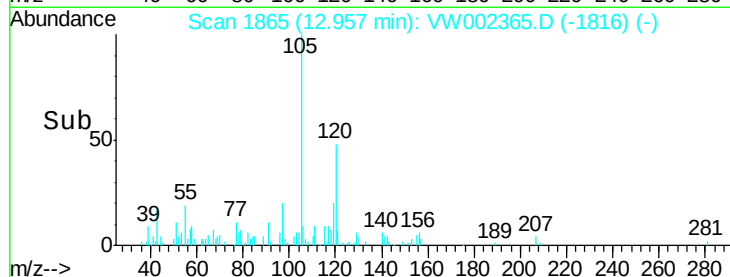
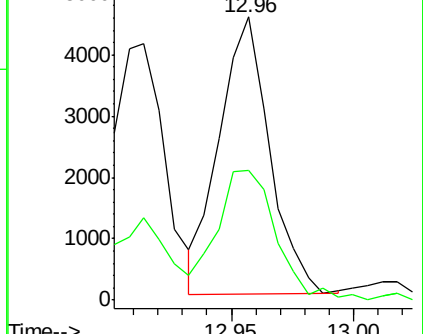
105 100

120 55.5 24.6 74.0



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: 4.56 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW002365.D

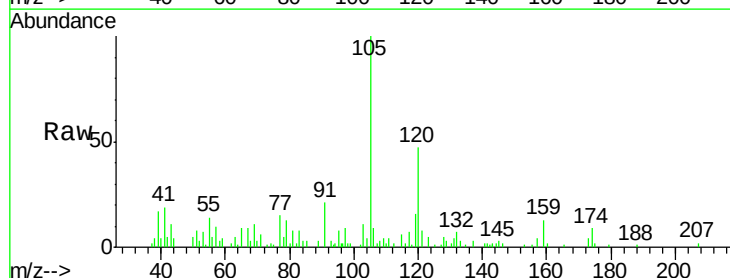
Acq: 10 May 2018 08:00

Tgt Ion:105 Resp: 9187

Ion Ratio Lower Upper

105 100

120 46.0 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

