

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029168.D
 Acq On : 14 Jan 2019 16:46
 Operator : JC/SP
 Sample : K1137-02DL2 800X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL2

Quant Time: Jan 15 00:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

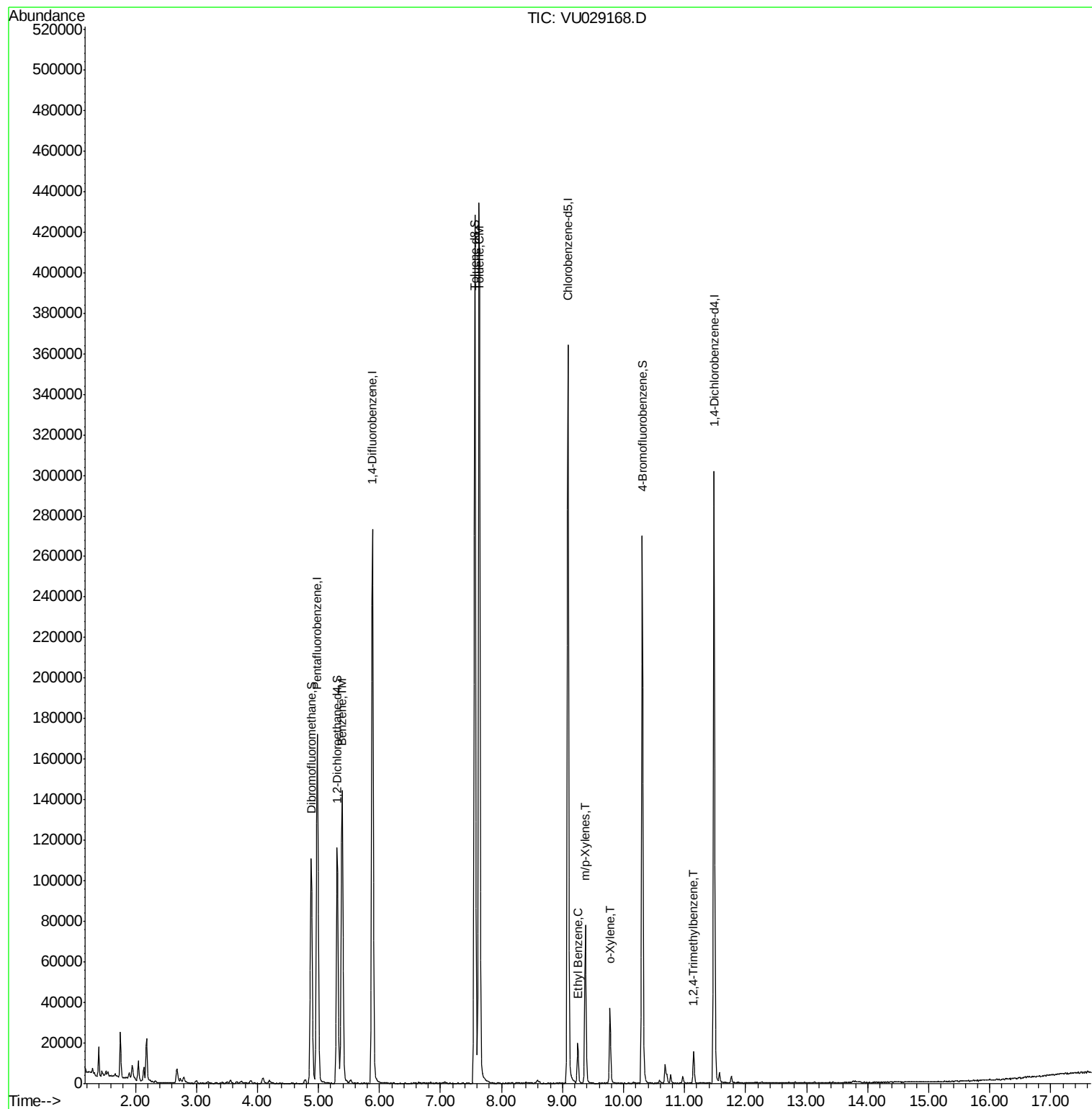
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	140153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	244936	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	216981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	88344	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	4.88	113	78229	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	7.57	98	302067	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.30	95	94857	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
40) Benzene	5.39	78	149192	19.536	ug/l	99
52) Toluene	7.64	92	191437	41.178	ug/l	100
67) Ethyl Benzene	9.25	91	15084	1.858	ug/l	95
68) m/p-Xylenes	9.37	106	23840	7.556	ug/l	98
69) o-Xylene	9.78	106	10444	3.435	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	9610	1.850	ug/l	100

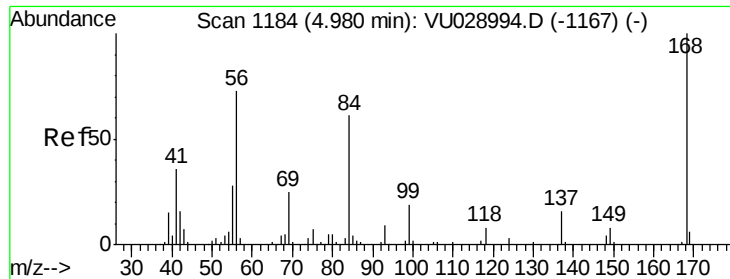
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011419\
Data File : VU029168.D
Acq On : 14 Jan 2019 16:46
Operator : JC/SP
Sample : K1137-02DL2 800X
Misc : 5.0mL/MSVOA U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
MW-102DL2

Quant Time: Jan 15 00:15:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029168.D

Acq: 14 Jan 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

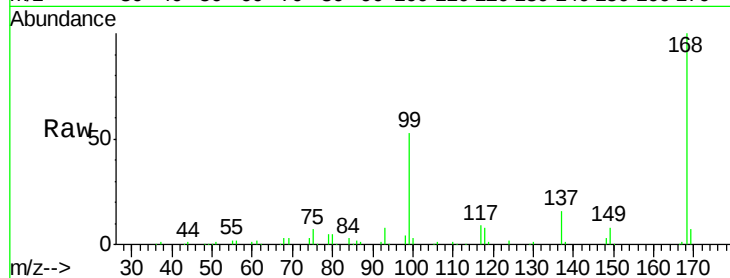
MW-102DL2

Tot Ion:168 Resp: 140153

Ion Ratio Lower Upper

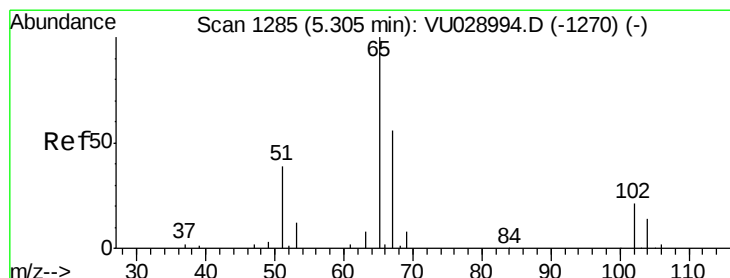
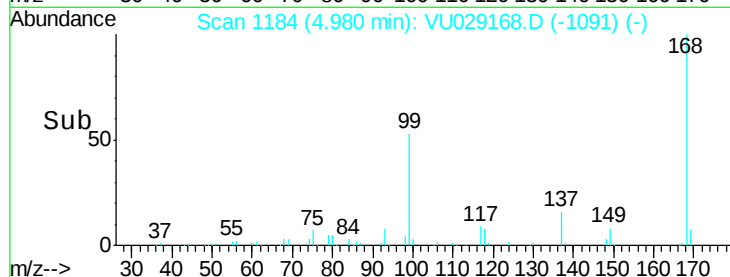
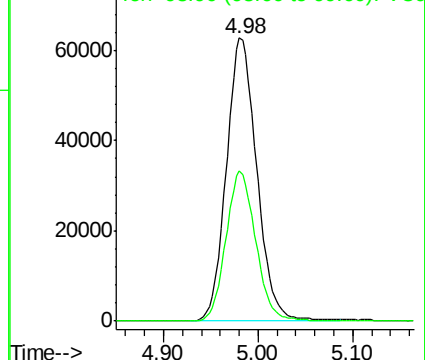
168 100

99 53.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.990 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029168.D

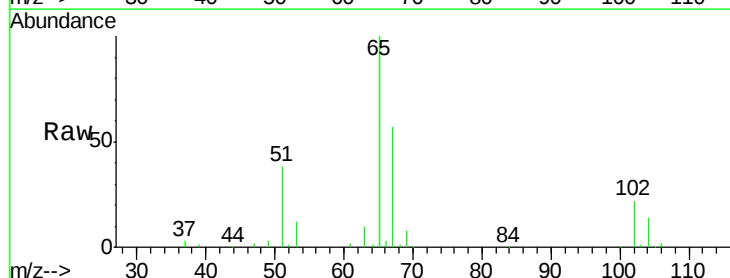
Acq: 14 Jan 2019 16:46

Tgt Ion: 65 Resp: 88344

Ion Ratio Lower Upper

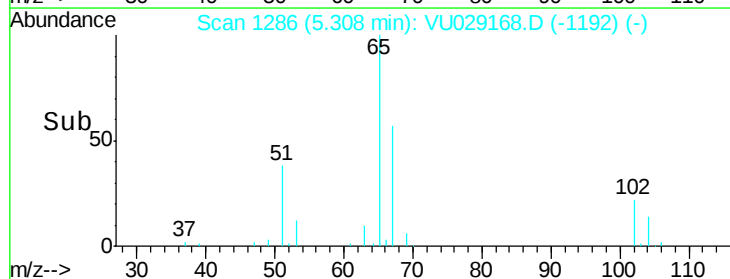
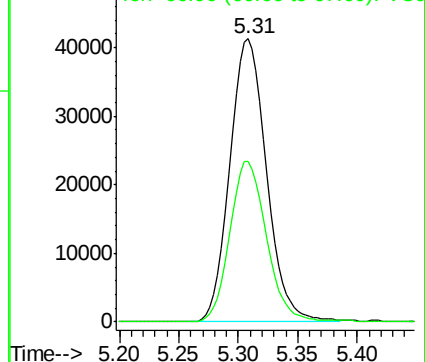
65 100

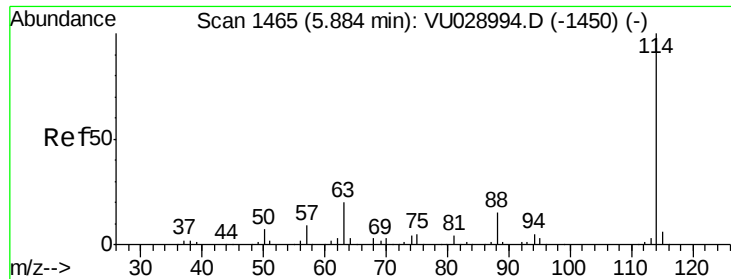
67 56.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU028994.D (-1270) (-)

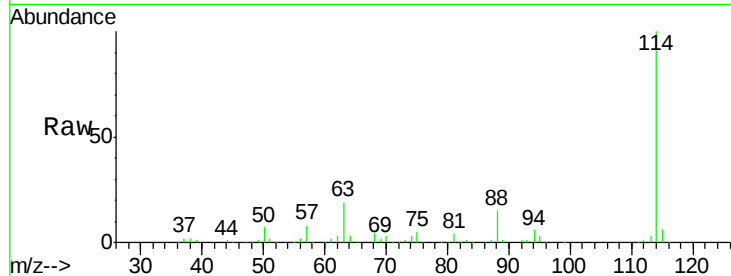




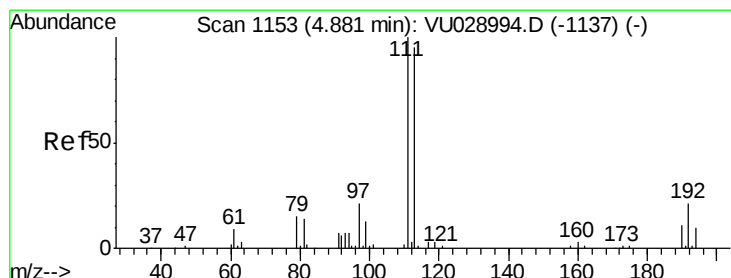
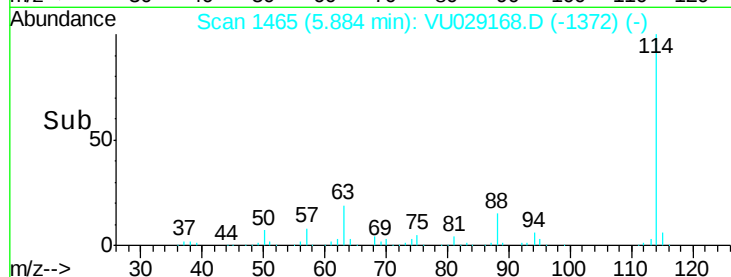
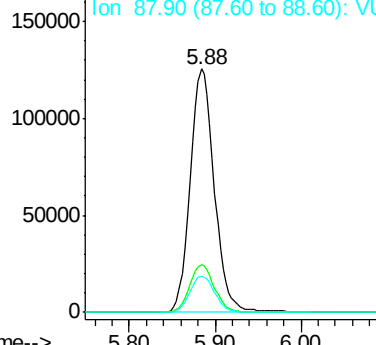
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029168.D
 Acq: 14 Jan 2019 16:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-102DL2

Tot Ion:114 Resp: 244936
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 14.8 0.0 30.4

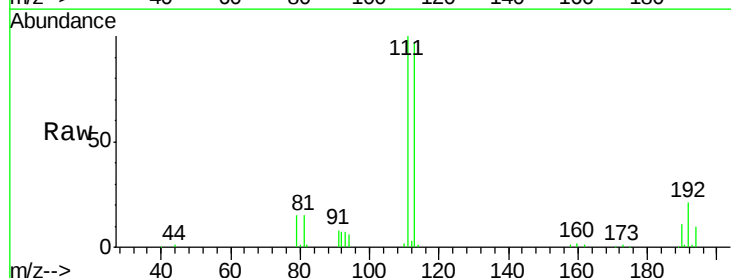


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

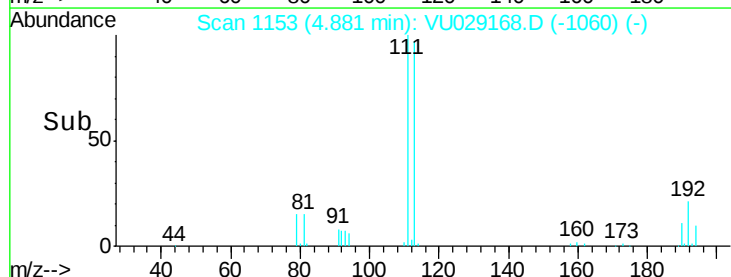
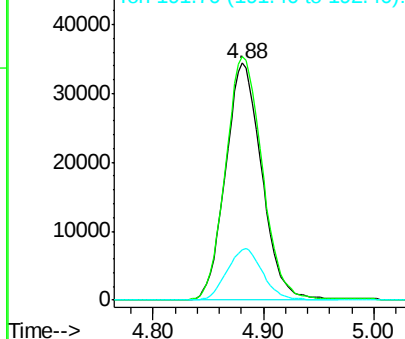


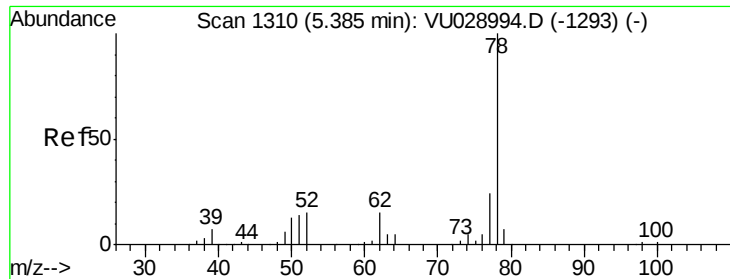
#35
 Dibromofluoromethane
 Concen: 49.270 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029168.D
 Acq: 14 Jan 2019 16:46

Tgt Ion:113 Resp: 78229
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 21.5 16.8 25.2



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





#40

Benzene

Concen: 19.536 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU029168.D

Acq: 14 Jan 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

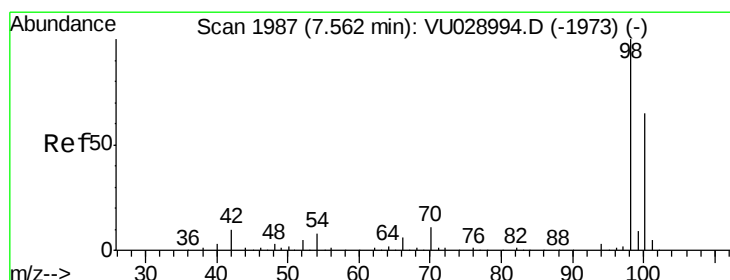
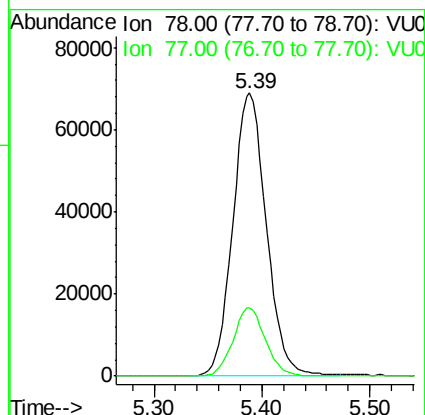
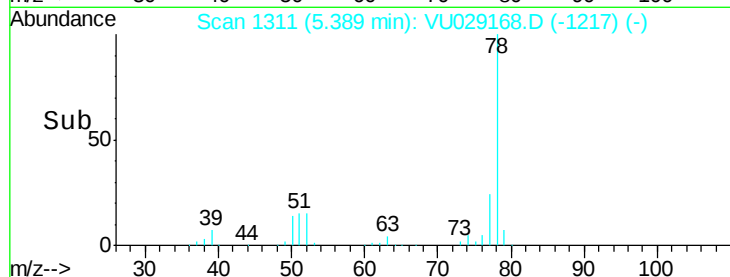
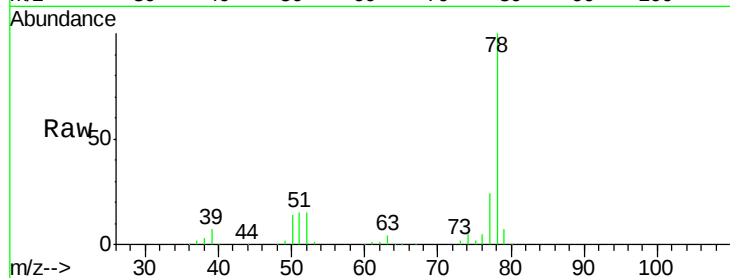
MW-102DL2

Tot Ion: 78 Resp: 149192

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3



#50

Toluene-d8

Concen: 48.190 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU029168.D

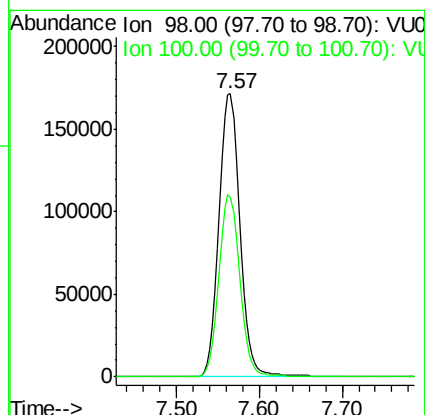
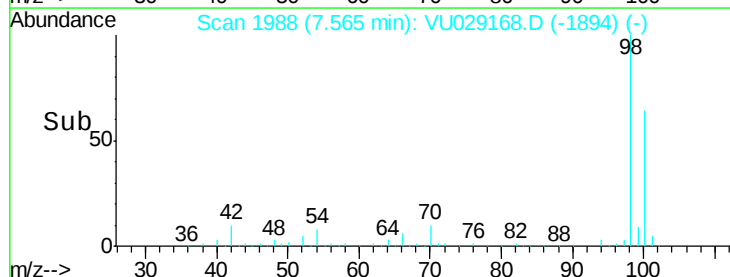
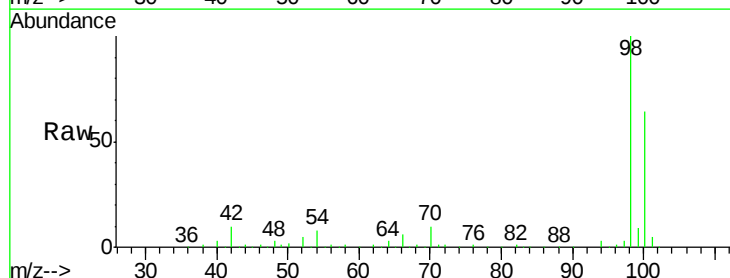
Acq: 14 Jan 2019 16:46

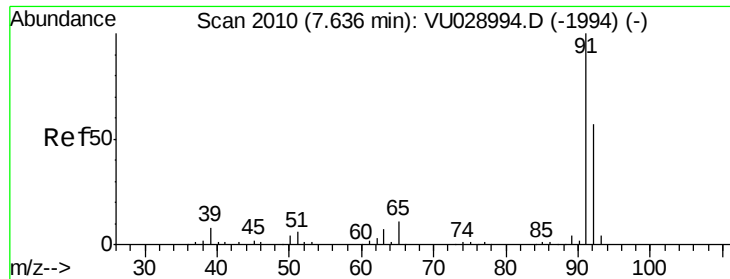
Tgt Ion: 98 Resp: 302067

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#52

Toluene

Concen: 41.178 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029168.D

Acq: 14 Jan 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

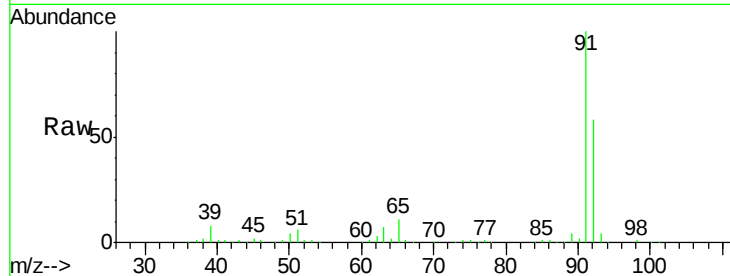
MW-102DL2

Tot Ion: 92 Resp: 191437

Ion Ratio Lower Upper

92 100

91 175.4 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

100000

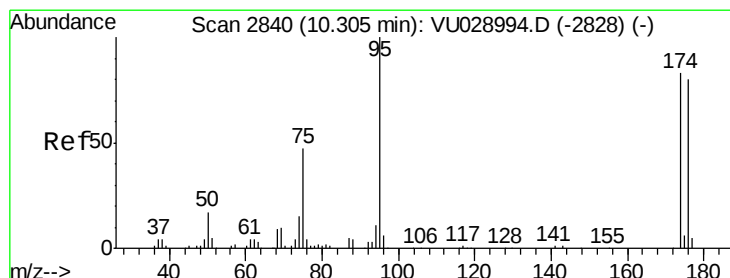
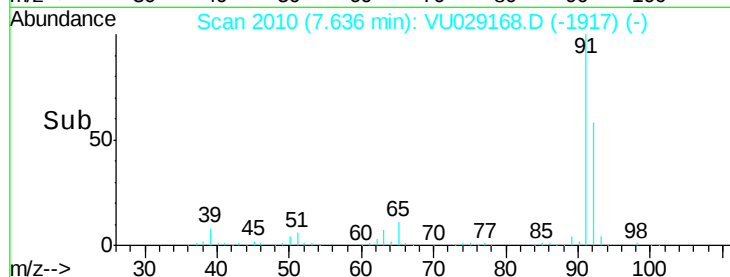
50000

0

7.60

7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 42.108 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029168.D

Acq: 14 Jan 2019 16:46

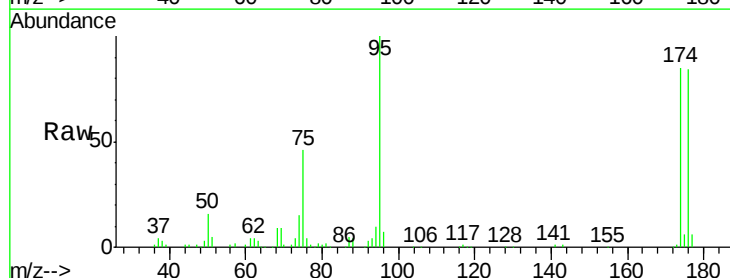
Tgt Ion: 95 Resp: 94857

Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

176 82.8 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

20000

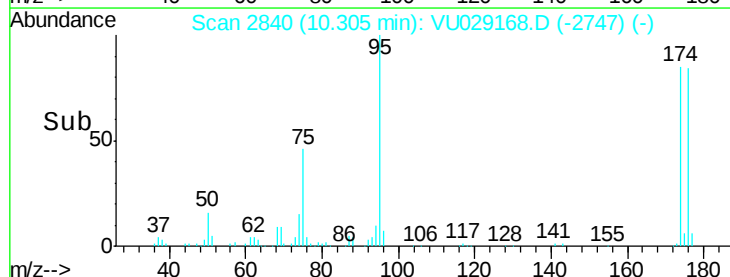
0

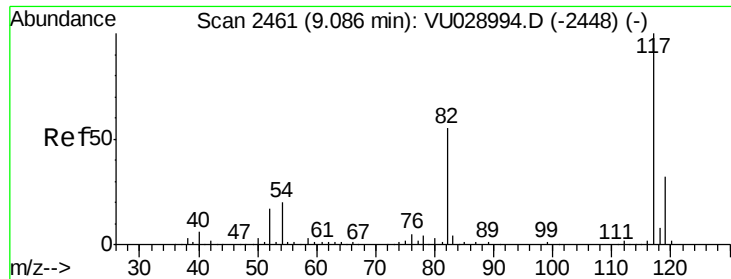
10.20

10.30

10.40

Time-->

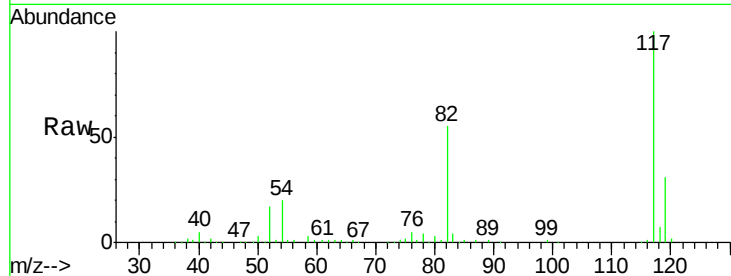




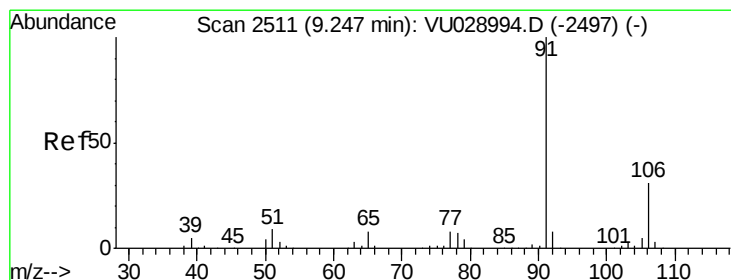
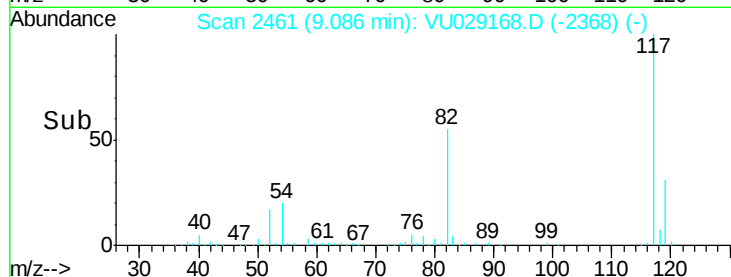
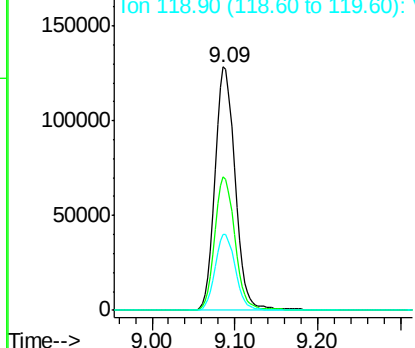
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029168.D
Acq: 14 Jan 2019 16:46

Instrument :
MSVOA_U
ClientSampleId :
MW-102DL2

Tot Ion:117 Resp: 216981
Ion Ratio Lower Upper
117 100
82 54.9 43.9 65.9
119 31.2 26.0 39.0

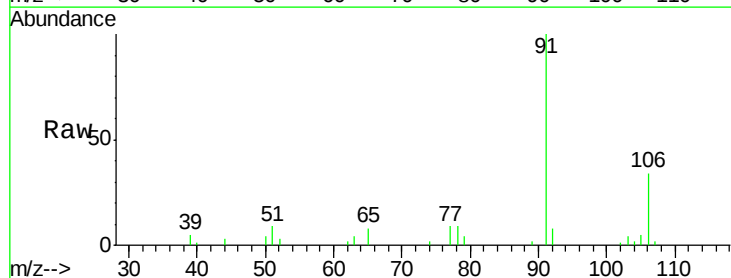


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

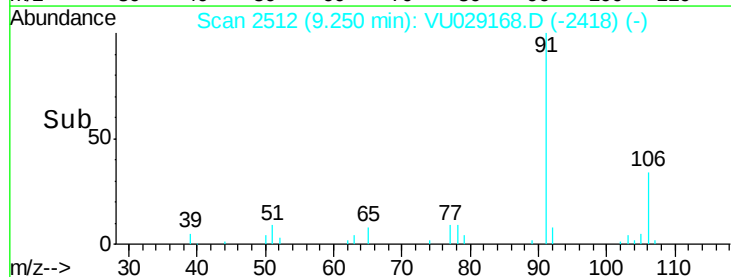
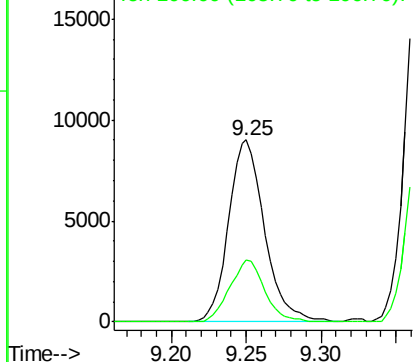


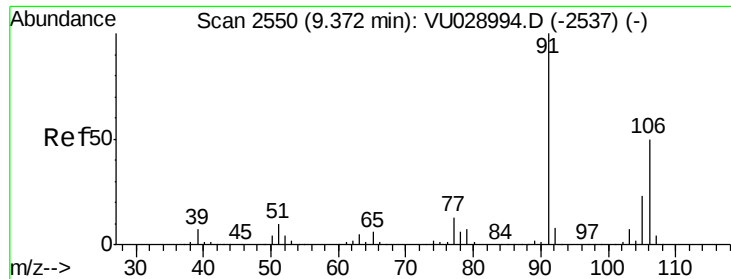
#67
Ethyl Benzene
Concen: 1.858 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU029168.D
Acq: 14 Jan 2019 16:46

Tgt Ion: 91 Resp: 15084
Ion Ratio Lower Upper
91 100
106 34.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

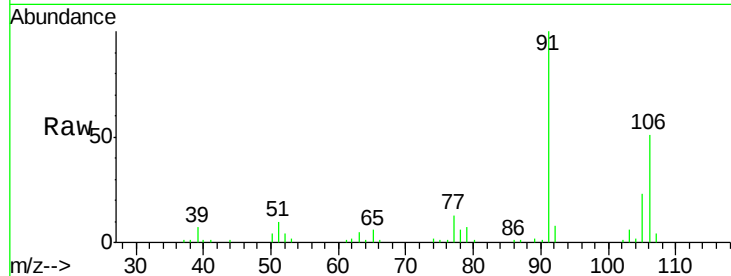




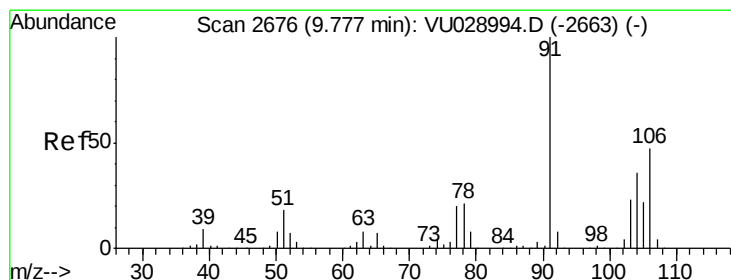
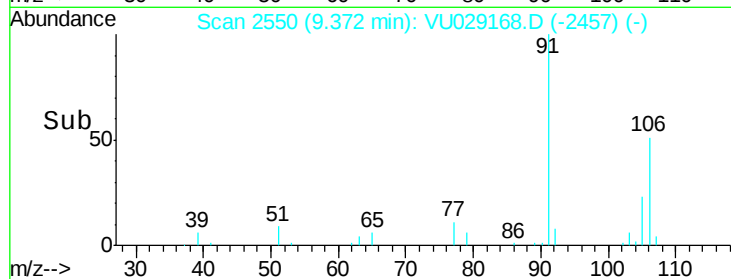
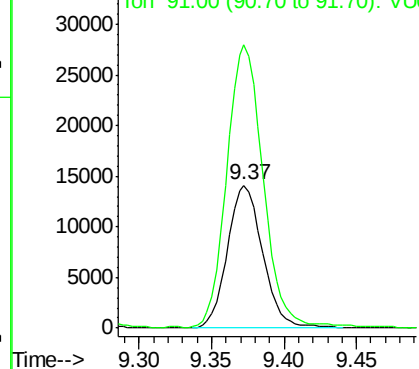
#68
m/p-Xylenes
Concen: 7.556 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029168.D
Acq: 14 Jan 2019 16:46

Instrument :
MSVOA_U
ClientSampleId :
MW-102DL2

Tot Ion:106 Resp: 23840
Ion Ratio Lower Upper
106 100
91 205.4 161.7 242.5

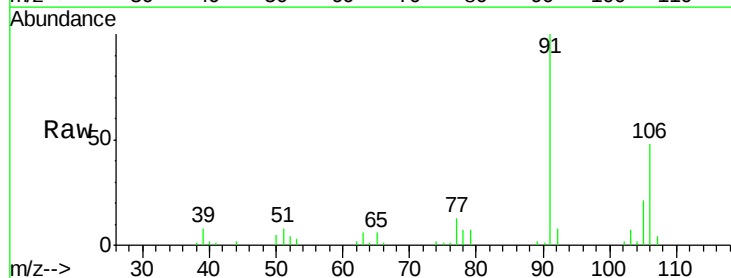


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

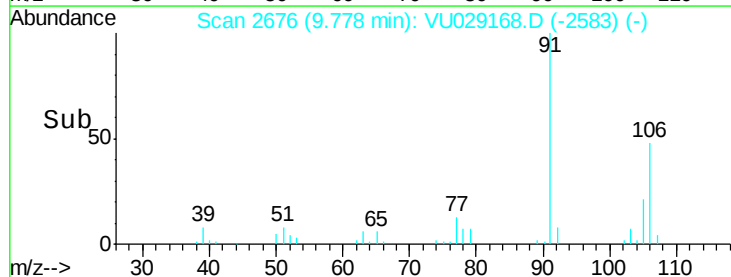
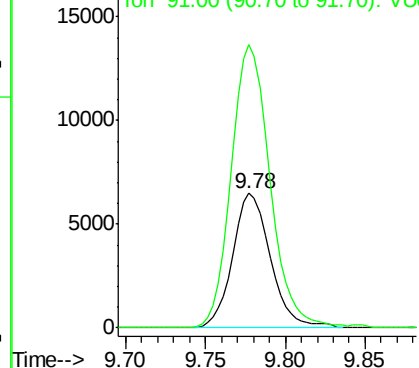


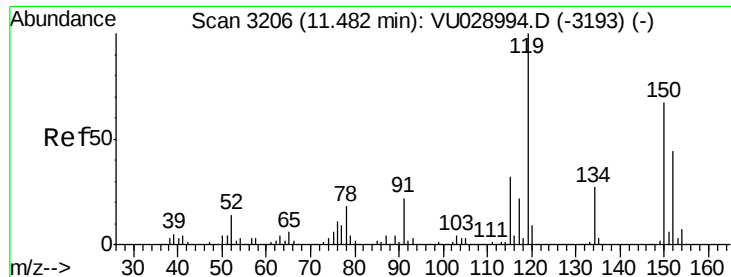
#69
o-Xylene
Concen: 3.435 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029168.D
Acq: 14 Jan 2019 16:46

Tgt Ion:106 Resp: 10444
Ion Ratio Lower Upper
106 100
91 216.2 106.1 318.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029168.D

Acq: 14 Jan 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

MW-102DL2

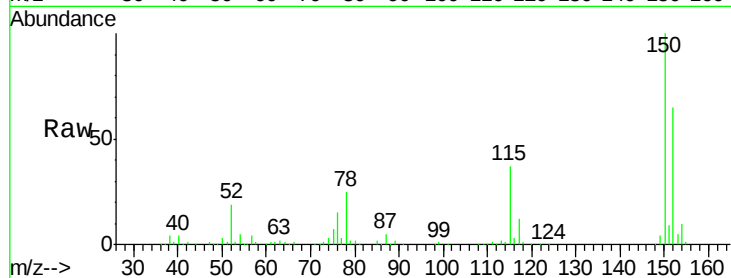
Tot Ion:152 Resp: 84192

Ion Ratio Lower Upper

152 100

115 57.3 40.1 120.3

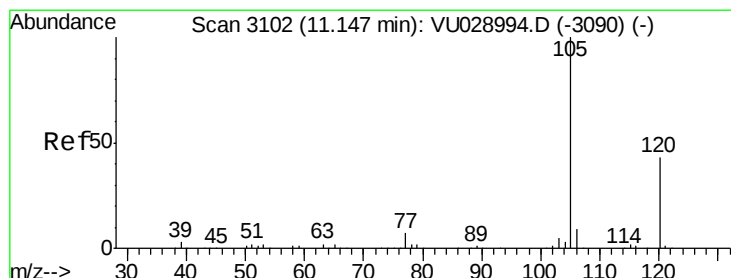
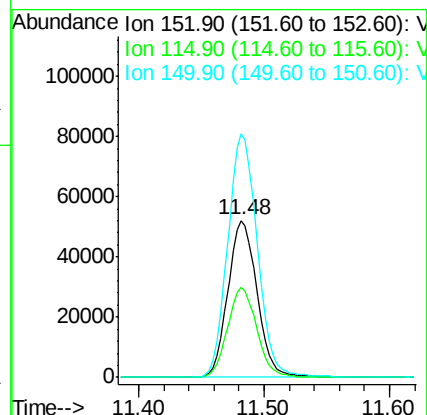
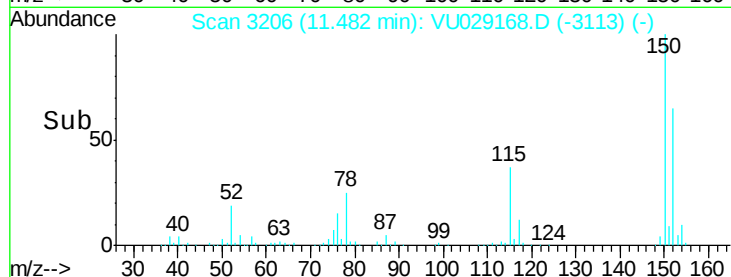
150 157.7 0.0 345.2



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: 1.850 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029168.D

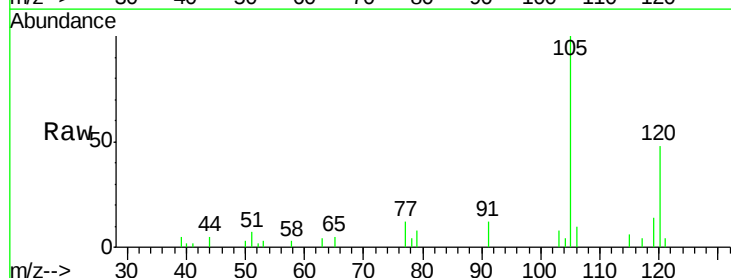
Acq: 14 Jan 2019 16:46

Tgt Ion:105 Resp: 9610

Ion Ratio Lower Upper

105 100

120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

