

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003109.D
 Acq On : 06 Jul 2020 13:37
 Operator : SY/MD
 Sample : L3202-01
 Misc : 5.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

Quant Time: Jul 07 08:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

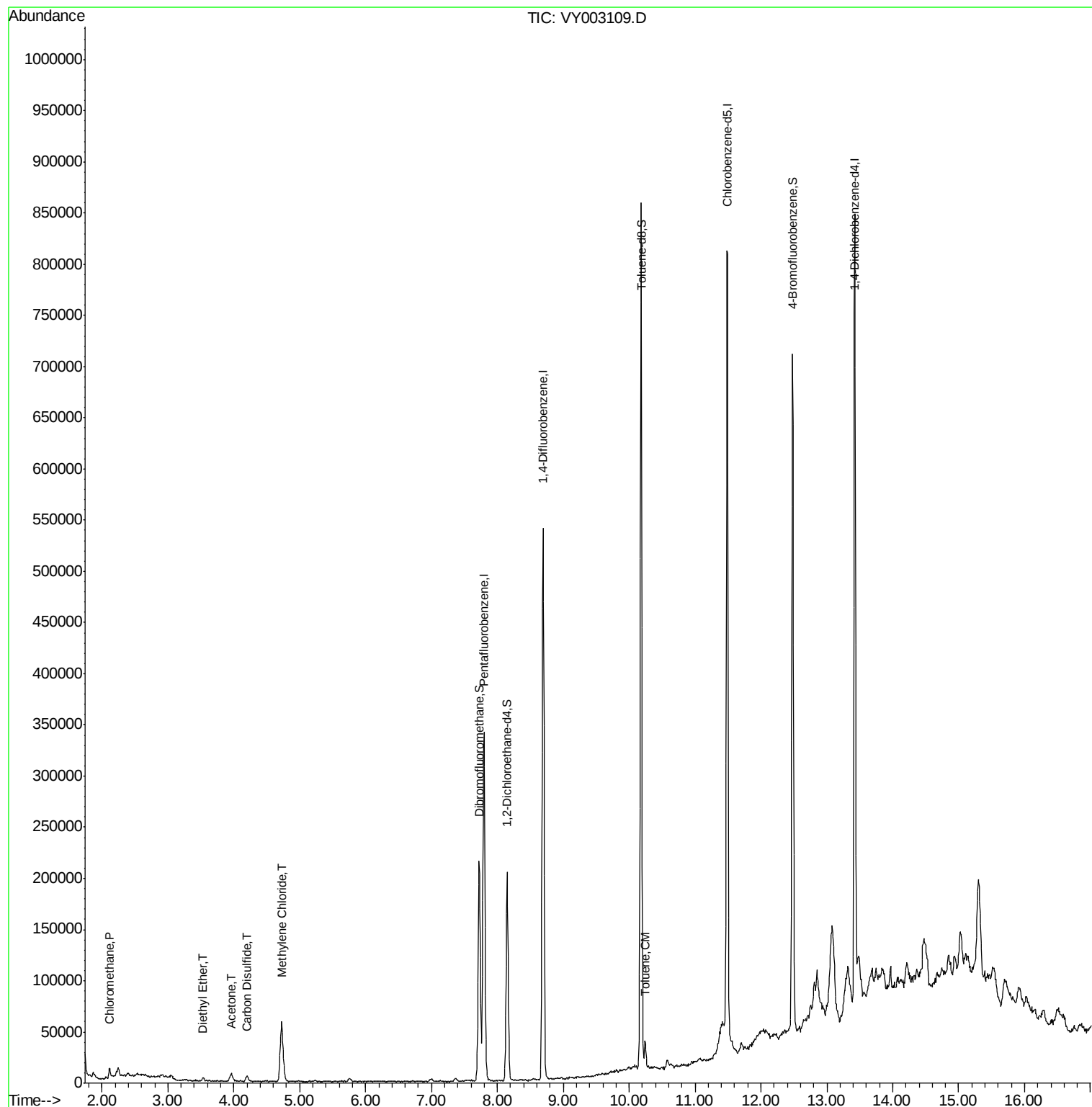
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	446838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	155716	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.72	113	149476	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
50) Toluene-d8	10.18	98	550143	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.48	95	188356	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
3) Chloromethane	2.11	50	7367	2.348	ug/l	98
8) Diethyl Ether	3.53	74	2012	1.359	ug/l	99
16) Acetone	3.96	43	14253	21.510	ug/l	94
17) Carbon Disulfide	4.20	76	10365	1.322	ug/l	98
20) Methylene Chloride	4.72	84	43316	8.923	ug/l	95
52) Toluene	10.24	92	10051	1.355	ug/l	95

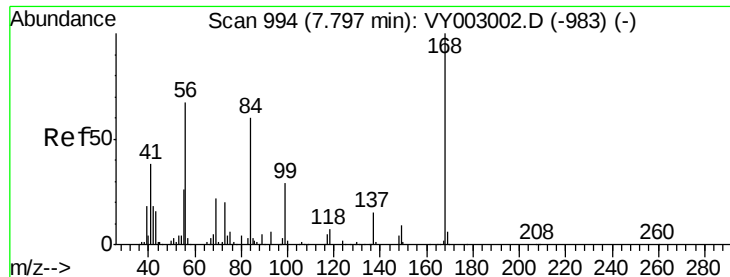
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003109.D

Acq: 06 Jul 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

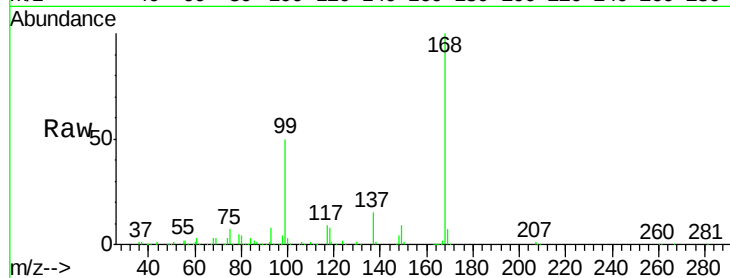
RO-COMP

Tot Ion:168 Resp: 282875

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003109.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003109.D (-945) (-)

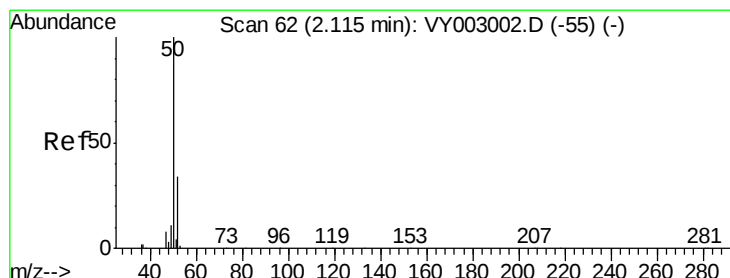
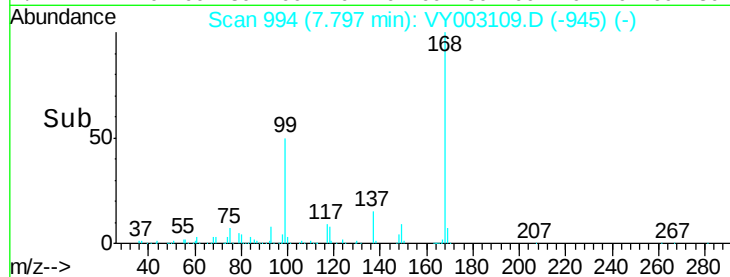
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.348 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003109.D

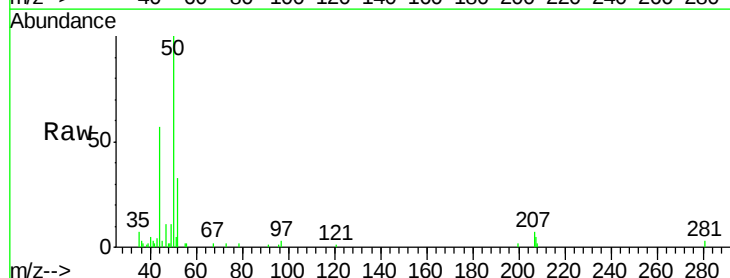
Acq: 06 Jul 2020 13:37

Tgt Ion: 50 Resp: 7367

Ion Ratio Lower Upper

50 100

52 32.6 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003109.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003109.D (-13) (-)

2.11

5000

4000

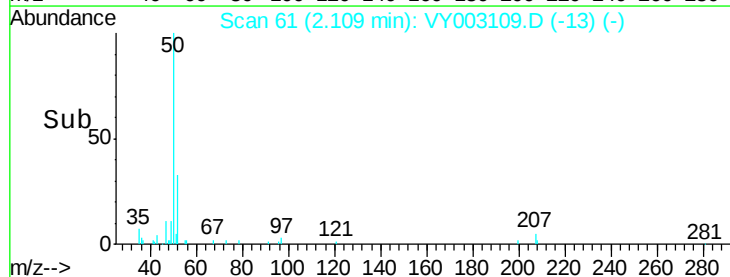
3000

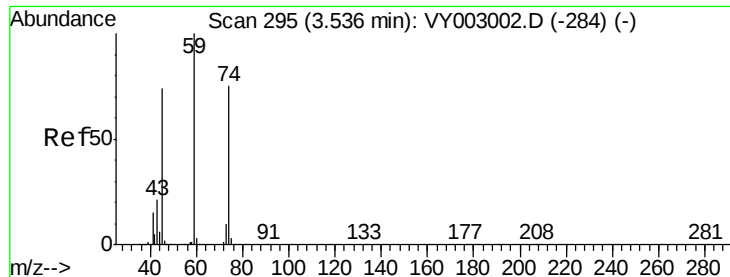
2000

1000

0

Time-->





#8

Diethyl Ether

Concen: 1.359 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

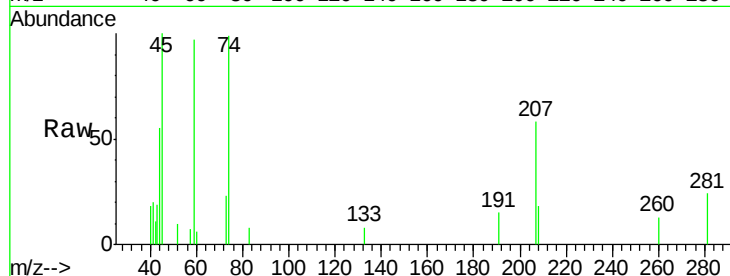
RO-COMP

Tot Ion: 74 Resp: 2012

Ion Ratio Lower Upper

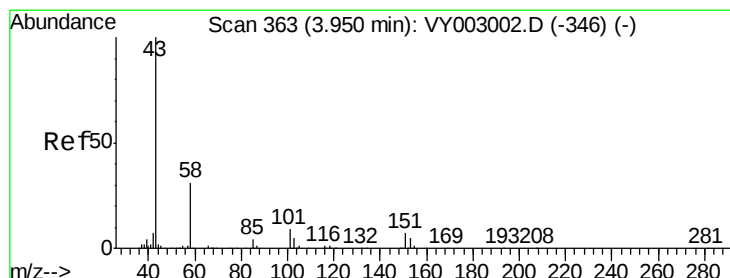
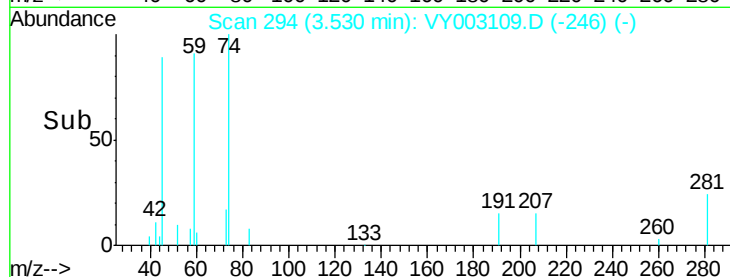
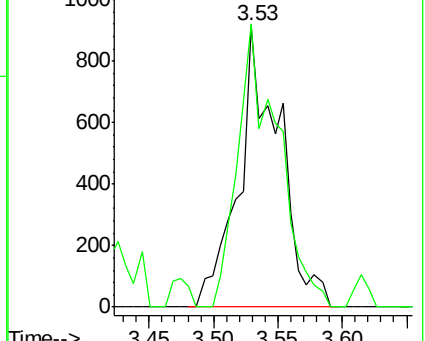
74 100

45 99.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#16

Acetone

Concen: 21.510 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003109.D

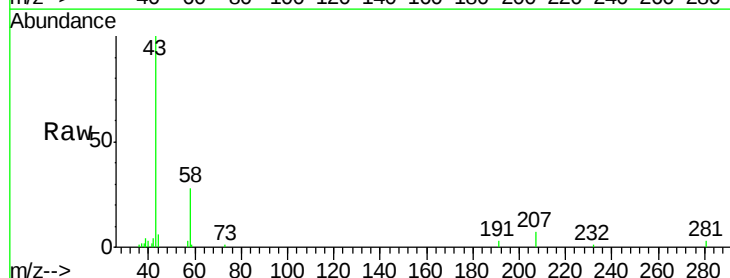
Acq: 06 Jul 2020 13:37

Tgt Ion: 43 Resp: 14253

Ion Ratio Lower Upper

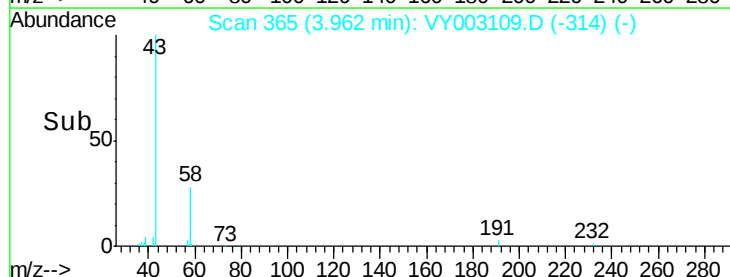
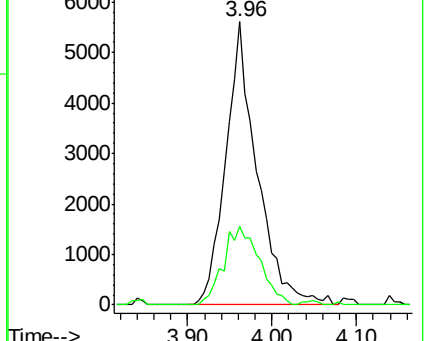
43 100

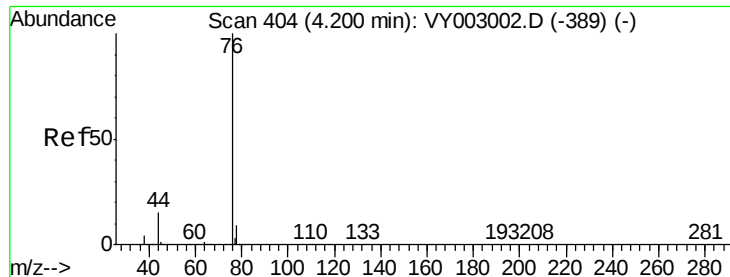
58 27.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 1.322 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

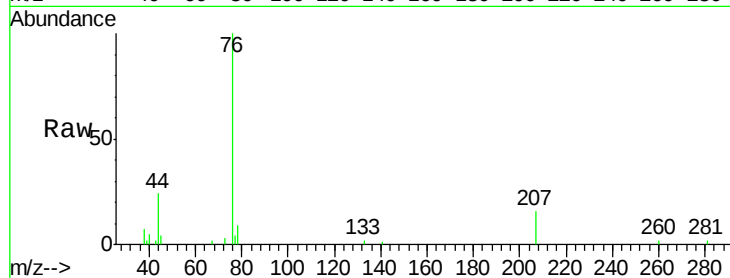
RO-COMP

Tot Ion: 76 Resp: 10365

Ion Ratio Lower Upper

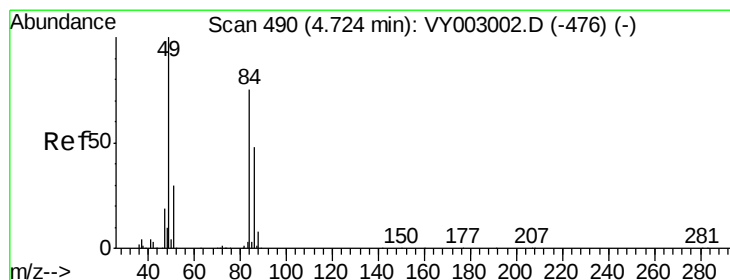
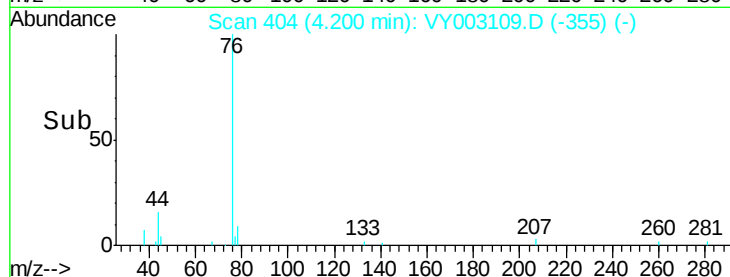
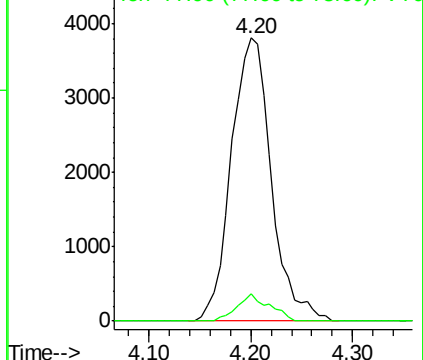
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 8.923 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

Tgt Ion: 84 Resp: 43316

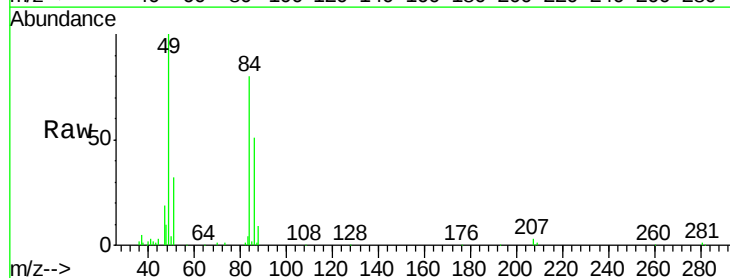
Ion Ratio Lower Upper

84 100

49 124.7 106.8 160.2

51 39.5 32.0 48.0

86 63.0 51.4 77.2

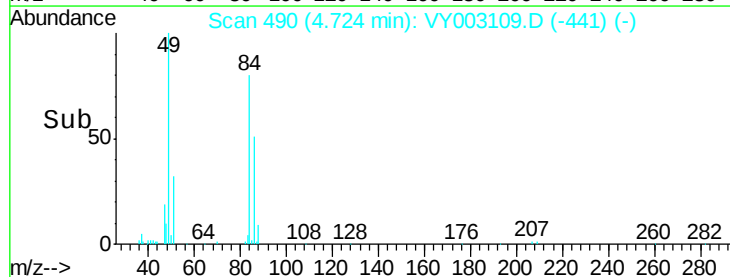
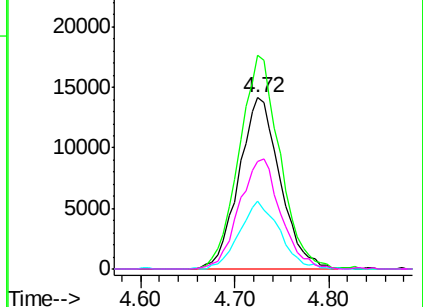


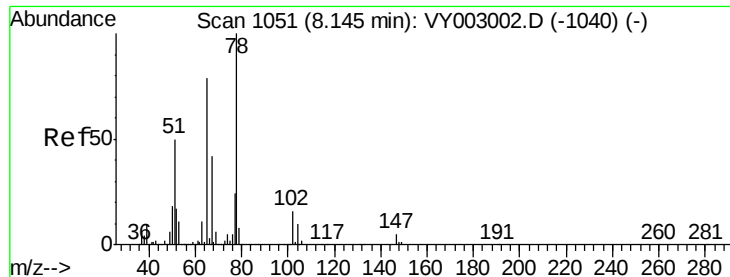
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

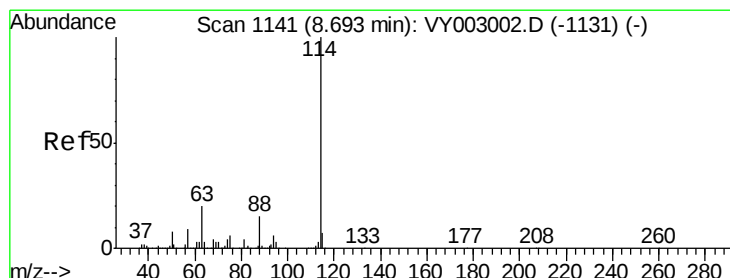
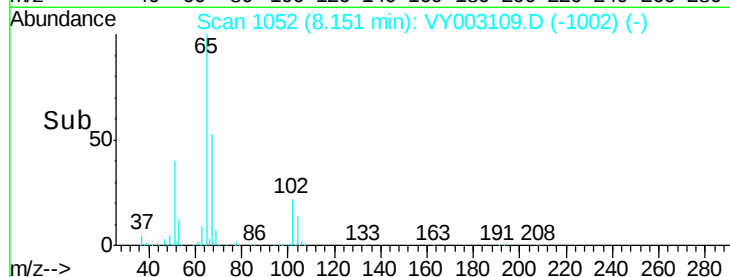
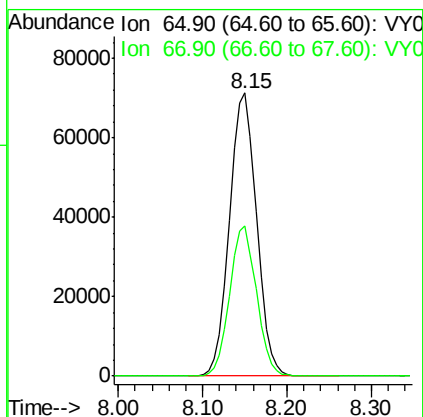
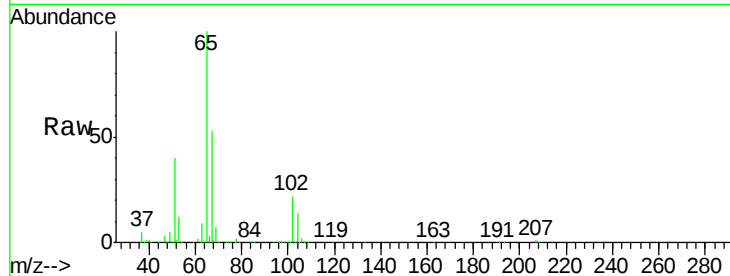




#33
 1,2-Dichloroethane-d4
 Concen: 55.424 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003109.D
 Acq: 06 Jul 2020 13:37

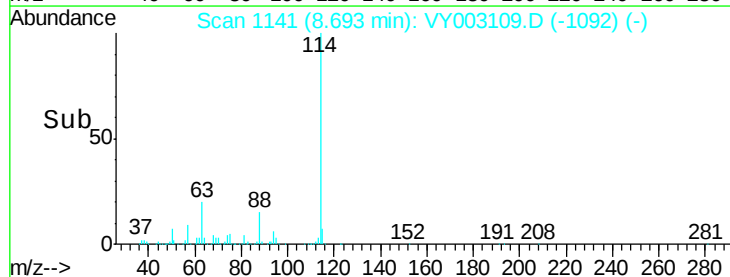
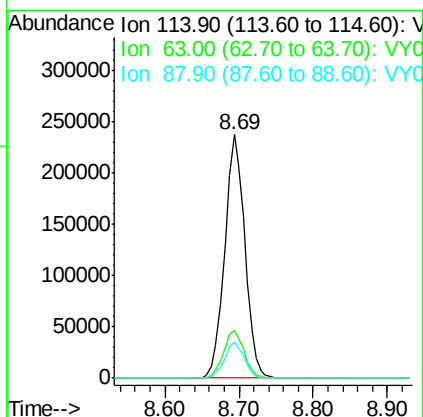
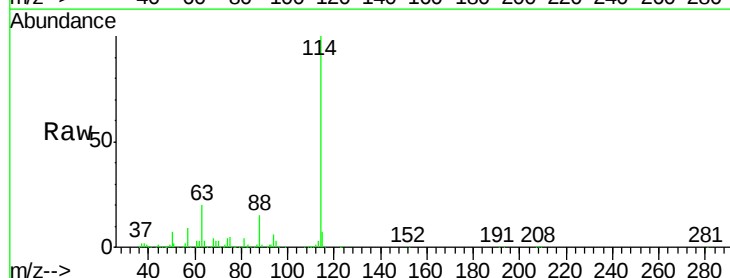
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

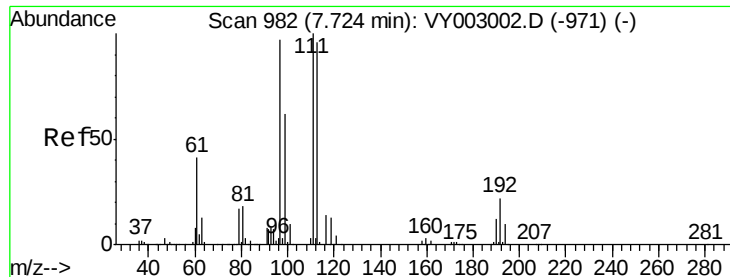
Tot Ion: 65 Resp: 155716
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003109.D
 Acq: 06 Jul 2020 13:37

Tgt Ion: 114 Resp: 446838
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.1 0.0 30.0

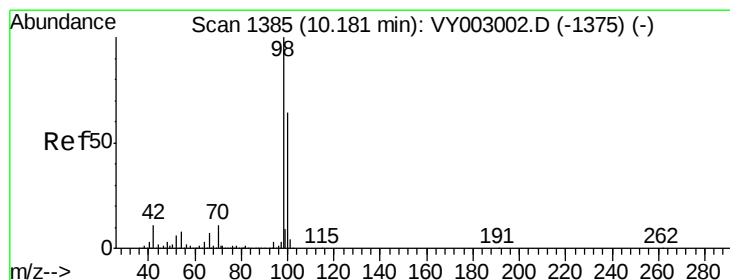
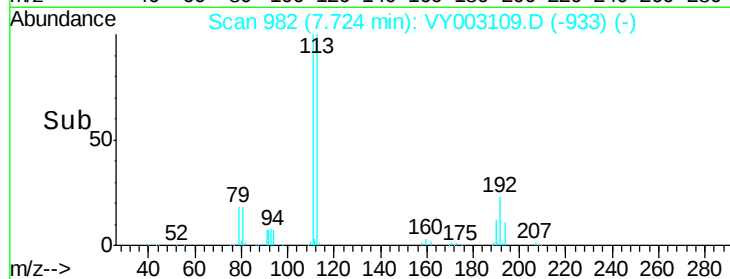
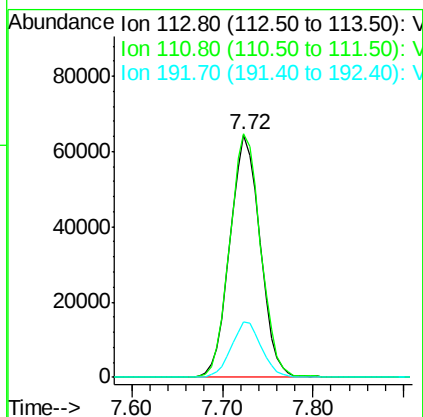
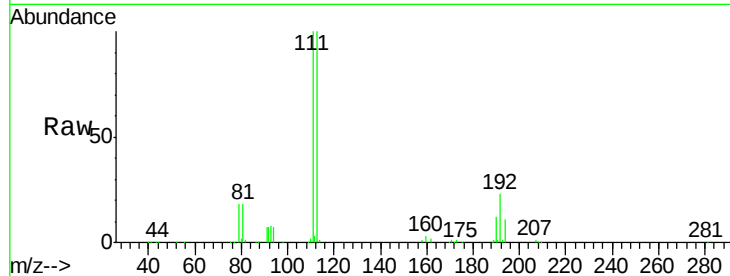




#35
 Dibromofluoromethane
 Concen: 53.625 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003109.D
 Acq: 06 Jul 2020 13:37

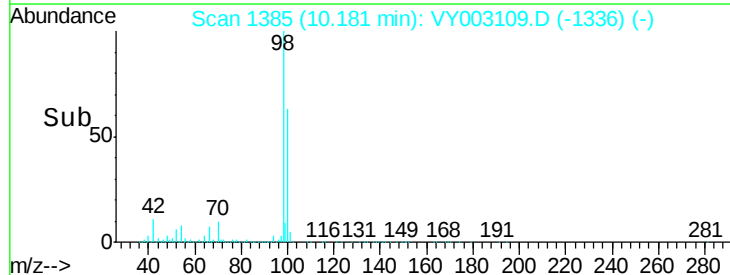
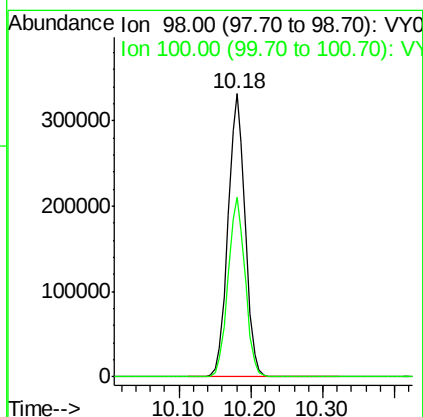
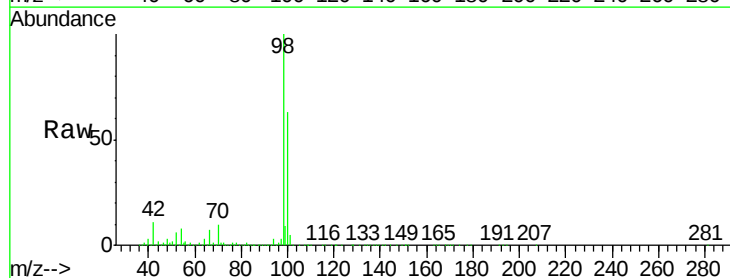
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

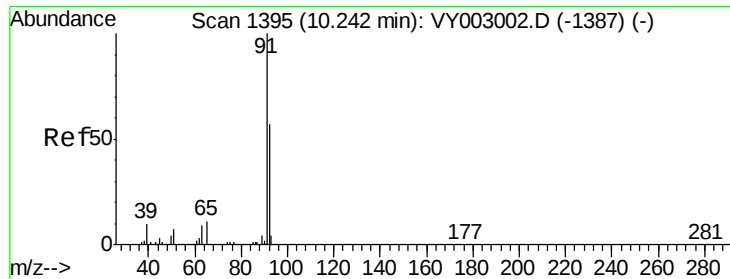
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.9	18.1	27.1



#50
 Toluene-d8
 Concen: 52.977 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003109.D
 Acq: 06 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





#52

Toluene

Concen: 1.355 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

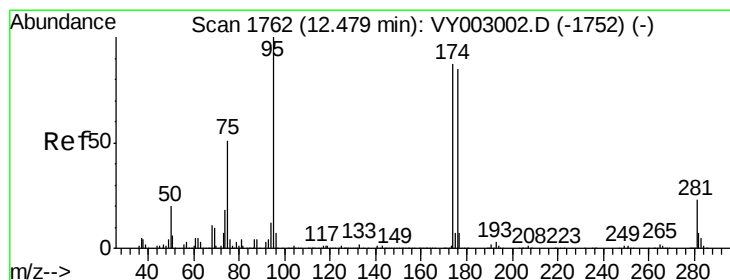
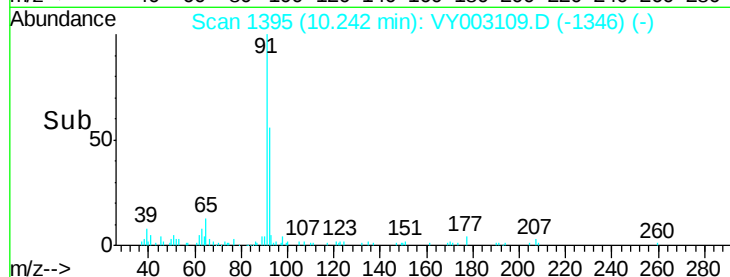
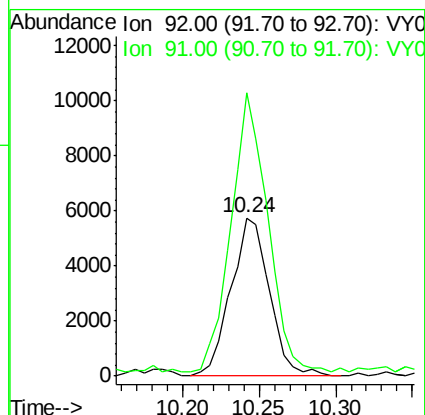
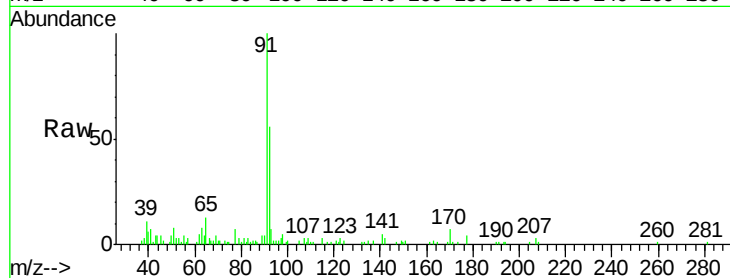
RO-COMP

Tot Ion: 92 Resp: 10051

Ion Ratio Lower Upper

92 100

91 166.9 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 51.529 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

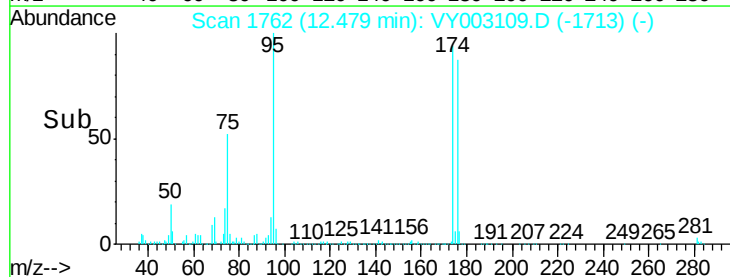
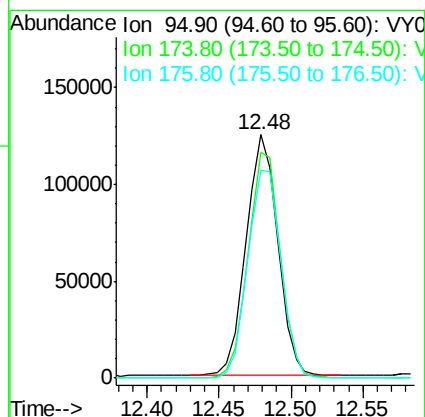
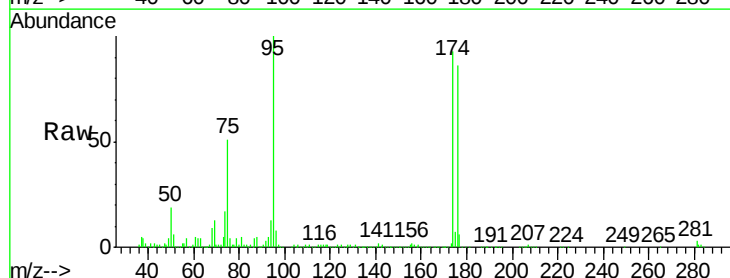
Tgt Ion: 95 Resp: 188356

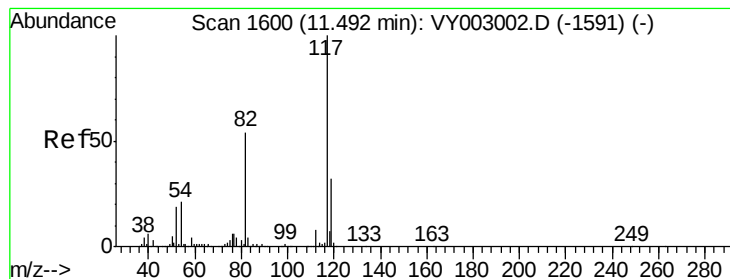
Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.8

176 90.9 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

RO-COMP

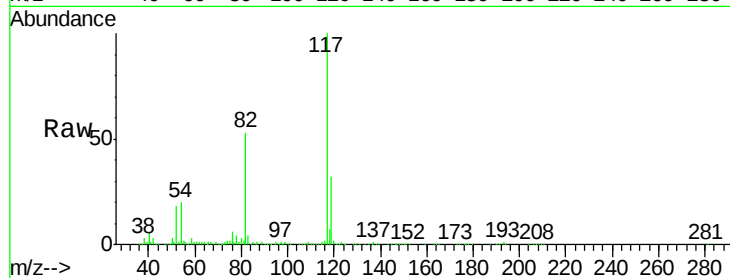
Tot Ion:117 Resp: 426864

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.6

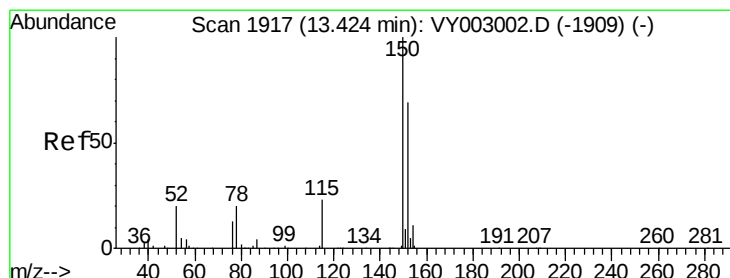
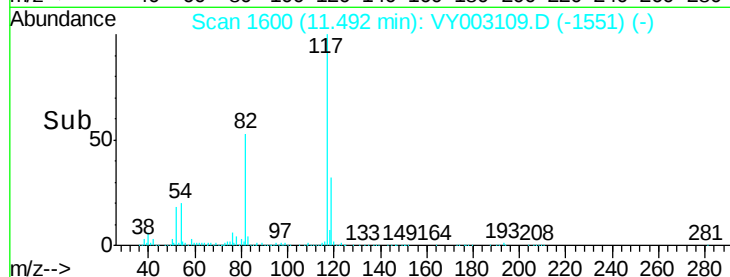
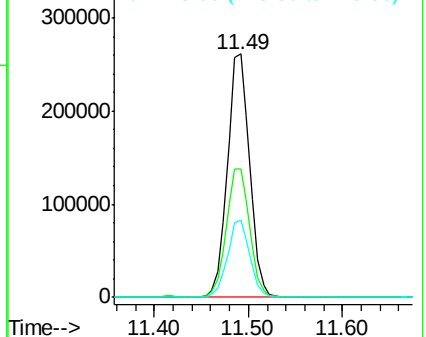
119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003109.D

Acq: 06 Jul 2020 13:37

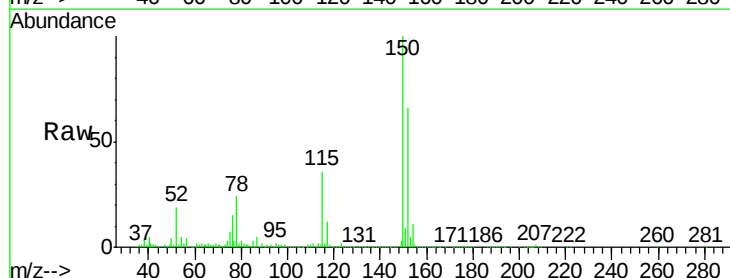
Tgt Ion:152 Resp: 196312

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

150 155.2 0.0 343.4



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

