

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003321.D
 Acq On : 23 Jul 2020 17:10
 Operator : SY/MD
 Sample : L330819
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19RE

Quant Time: Jul 24 04:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

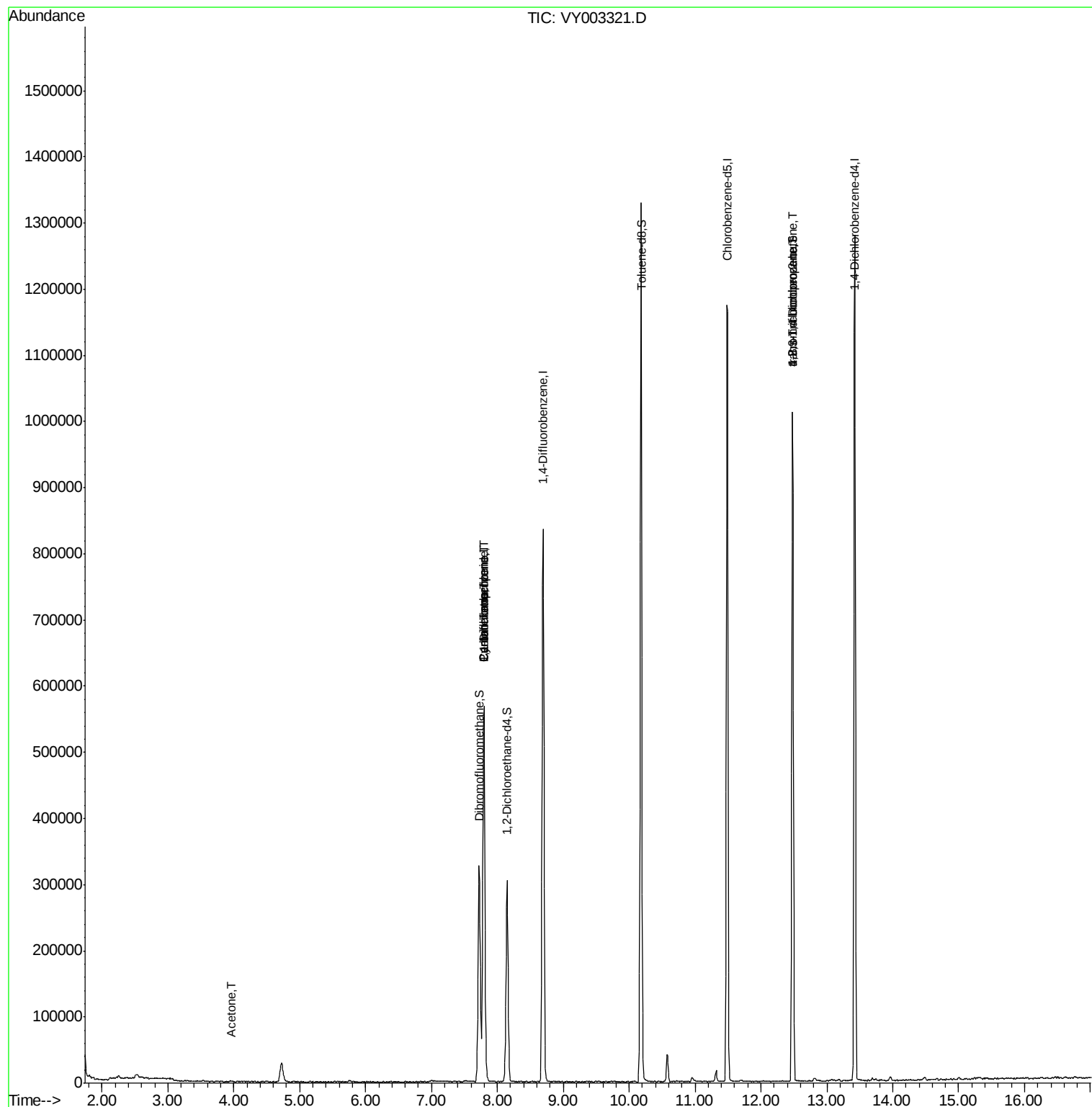
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	720819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	340652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	240355	60.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.40%	
35) Dibromofluoromethane	7.72	113	226751	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
50) Toluene-d8	10.18	98	877703	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
62) 4-Bromofluorobenzene	12.48	95	287259	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
Target Compounds						
16) Acetone	3.96	43	1243	1.405	ug/l #	63
20) Methylene Chloride	4.72	84	23152	Below Cal		91
31) Cyclohexane	7.80	56	8010	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	31910	4.884	ug/l #	41
38) Carbon Tetrachloride	7.80	117	42391	6.285	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	146306	48.520	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	146306	94.430	ug/l #	13

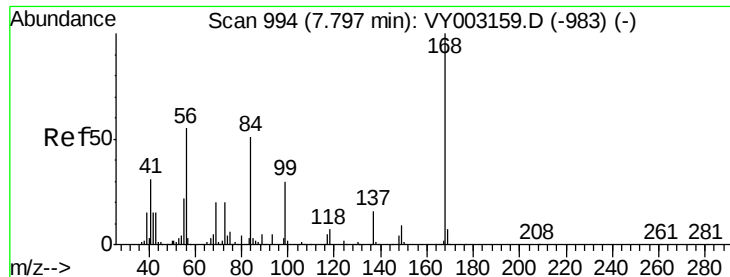
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

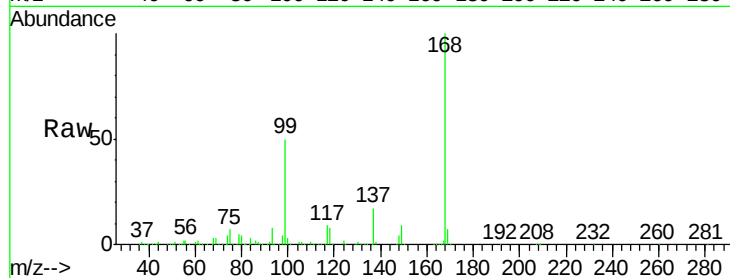
19RE

Tot Ion:168 Resp: 469165

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003321.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003321.D (-945) (-)

7.80

200000

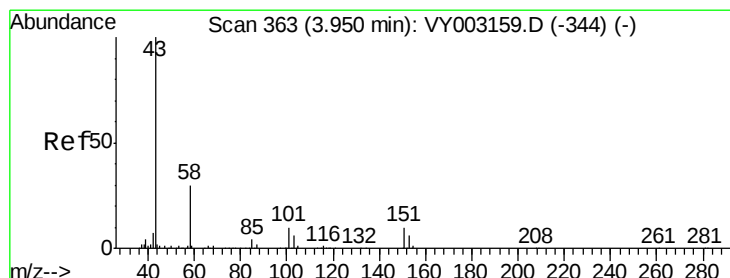
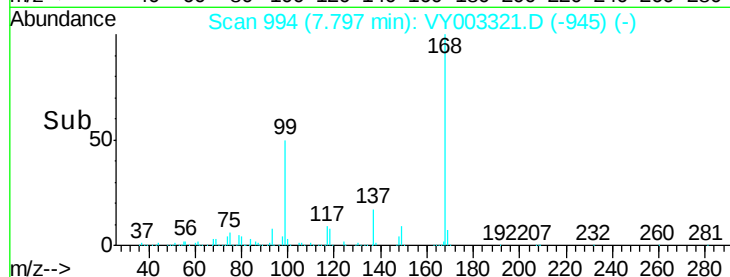
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.405 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003321.D

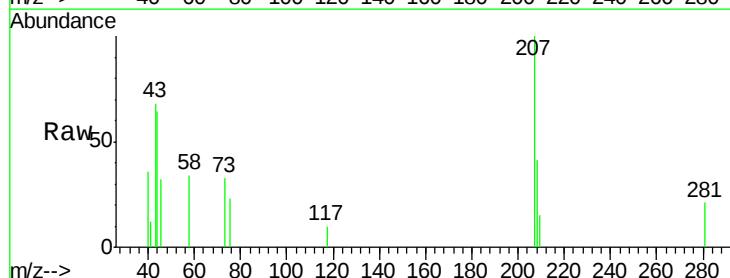
Acq: 23 Jul 2020 17:10

Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 49.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003321.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003321.D (-314) (-)

3.96

400

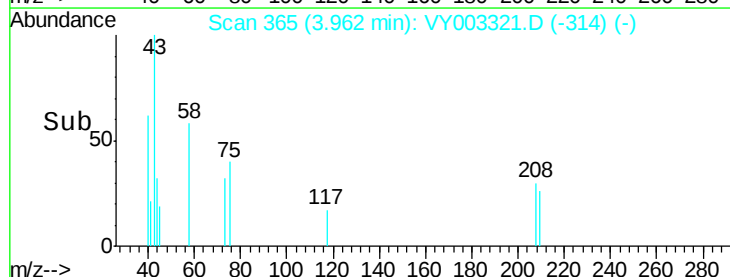
300

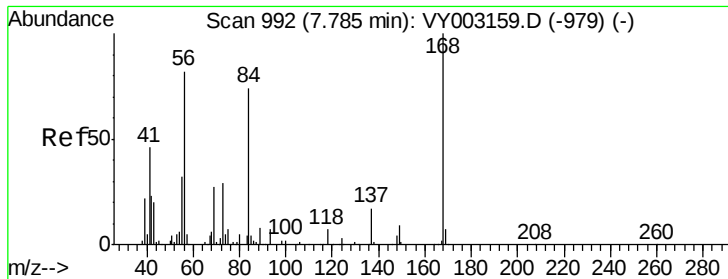
200

100

0

Time-->





#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampled :
19RE

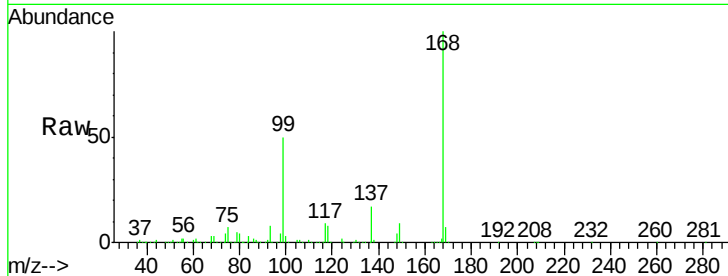
Tot Ion: 56 Resp: 8010

Ion Ratio Lower Upper

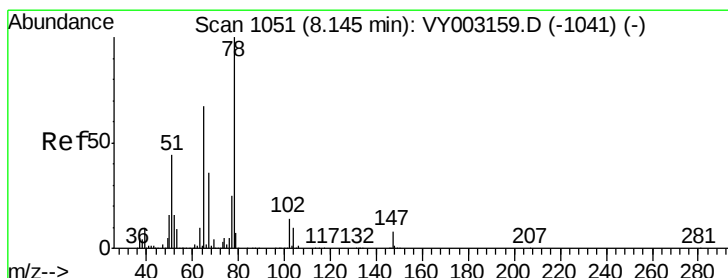
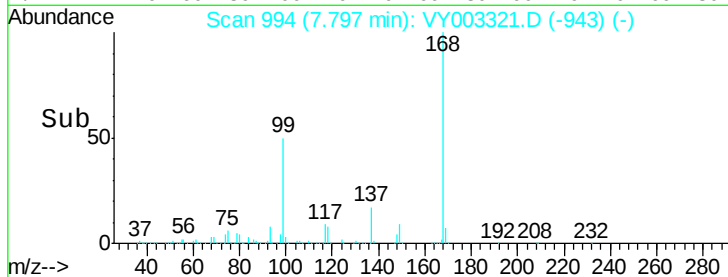
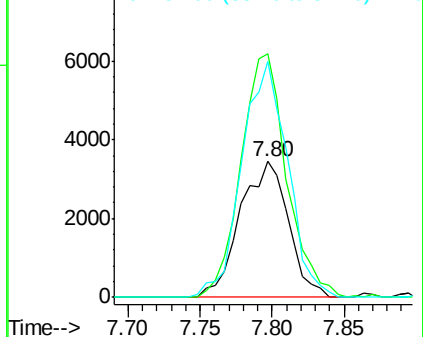
56 100

69 179.3 26.7 40.1#

84 173.8 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 60.697 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003321.D

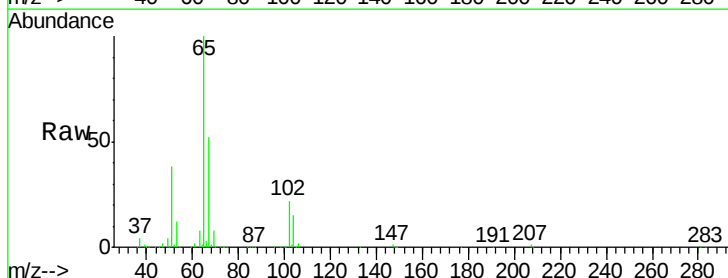
Acq: 23 Jul 2020 17:10

Tgt Ion: 65 Resp: 240355

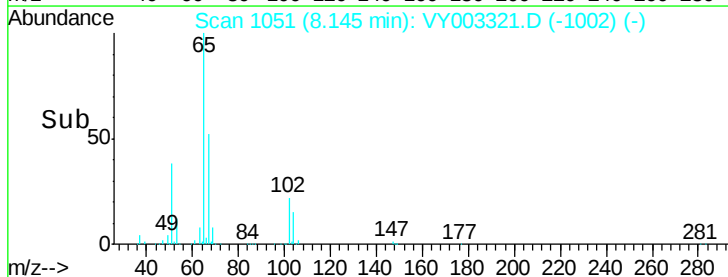
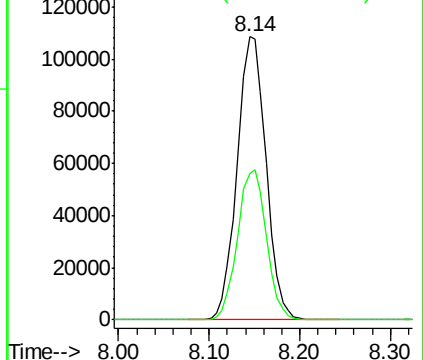
Ion Ratio Lower Upper

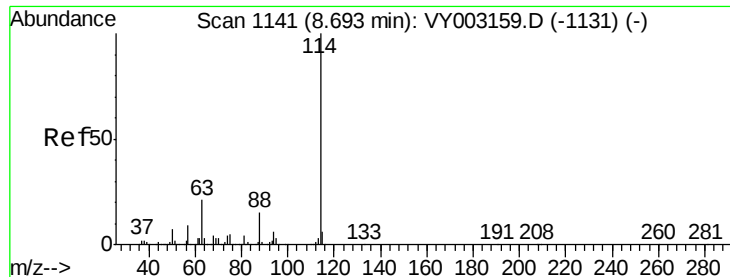
65 100

67 52.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

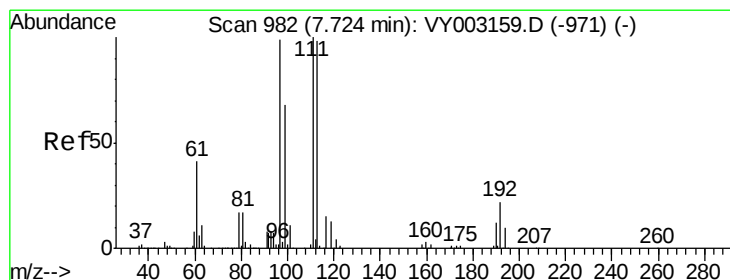
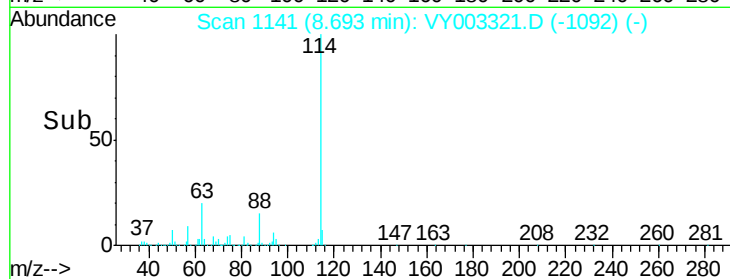
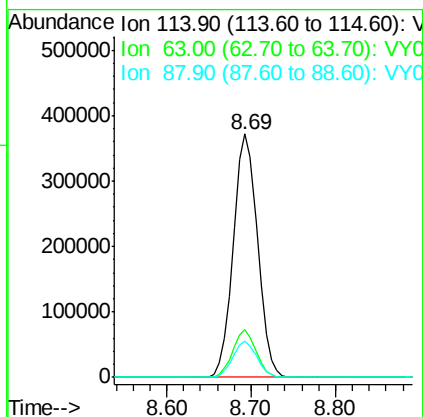
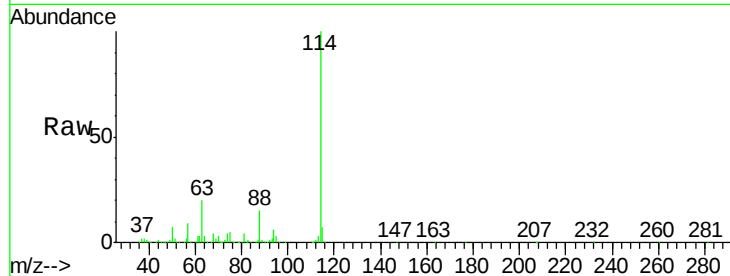




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

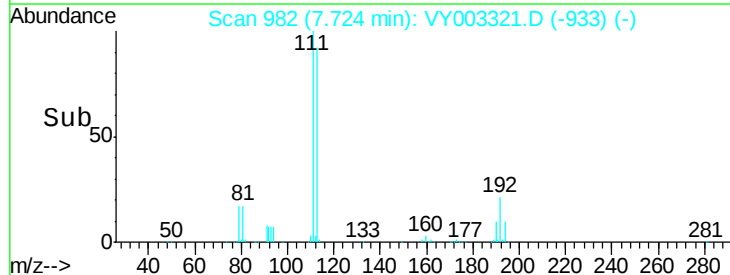
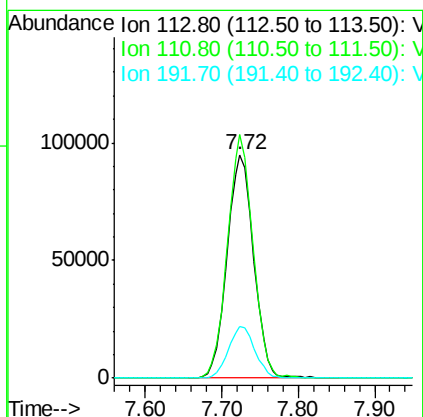
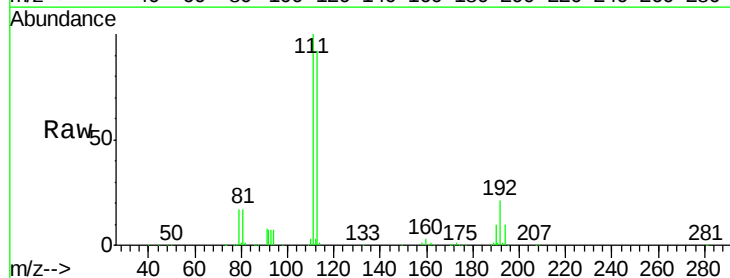
Instrument :
 MSVOA_Y
 ClientSampleId :
 19RE

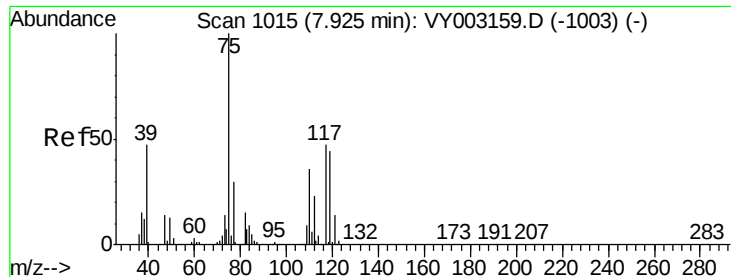
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.2
88	15.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.663 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.1	123.1
192	23.1	18.8	28.2

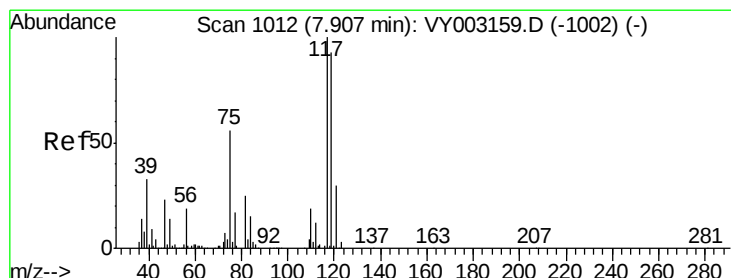
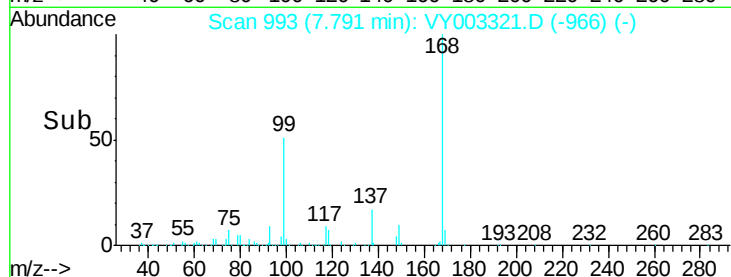
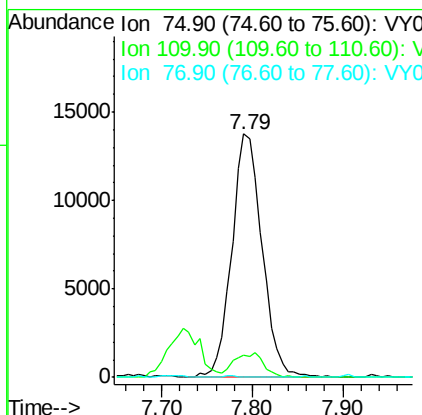
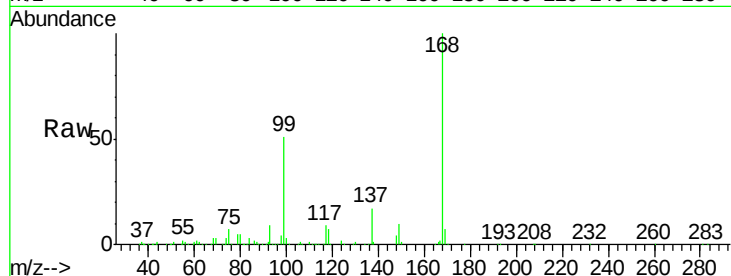




#36
 1,1-Dichloropropene
 Concen: 4.884 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

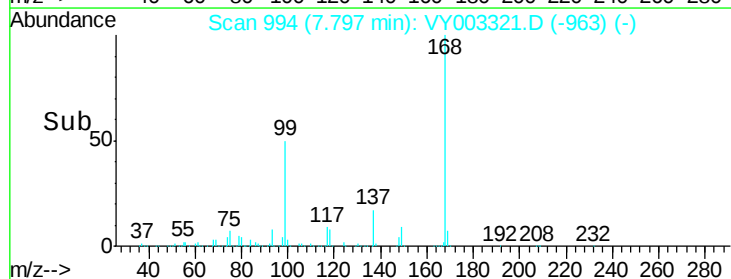
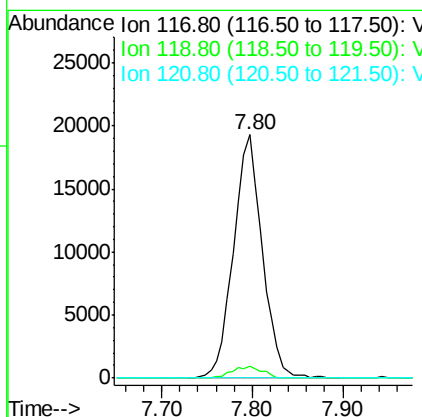
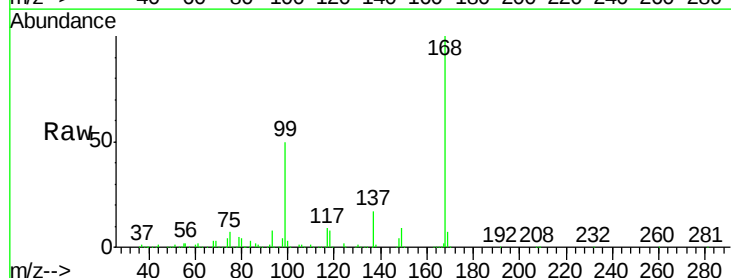
Instrument :
 MSVOA_Y
 ClientSampled :
 19RE

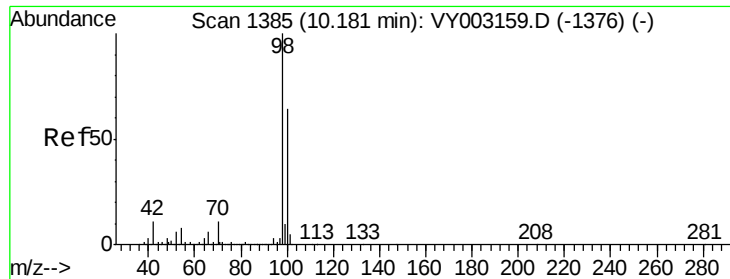
Tot Ion	75	Resp	31910
Ion Ratio	100	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.285 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003321.D
 Acq: 23 Jul 2020 17:10

Tgt Ion	117	Resp	42391
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.7	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

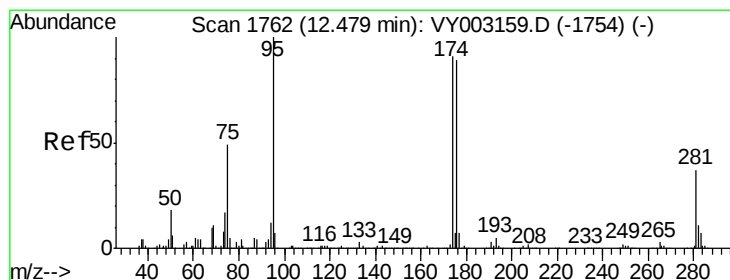
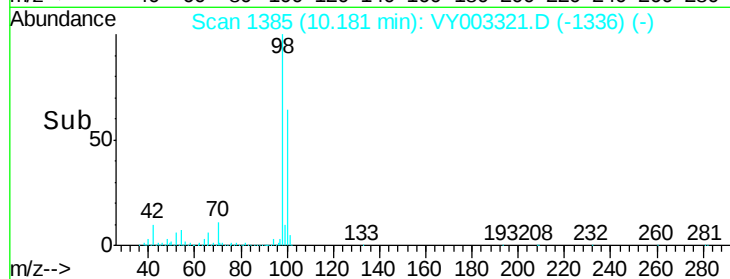
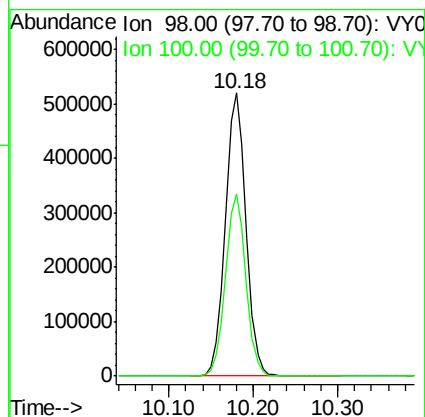
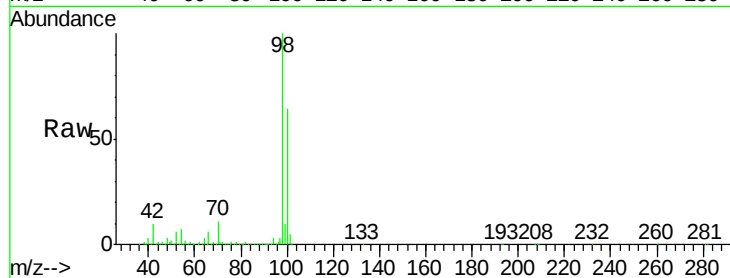
19RE

Tot Ion: 98 Resp: 877703

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.560 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

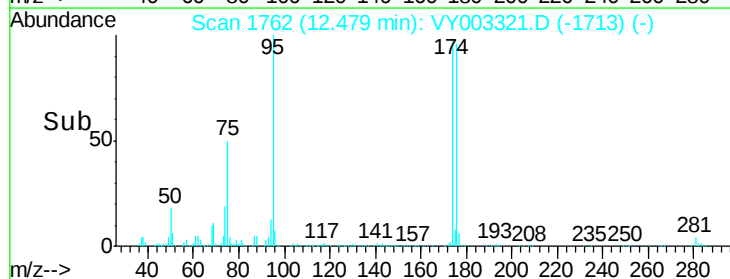
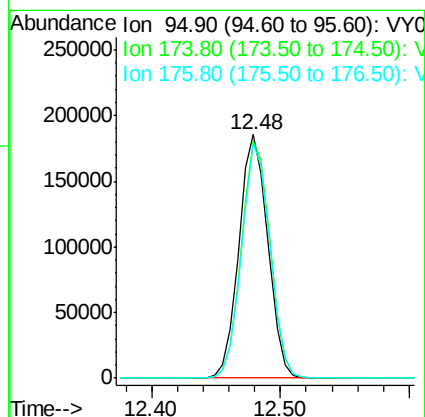
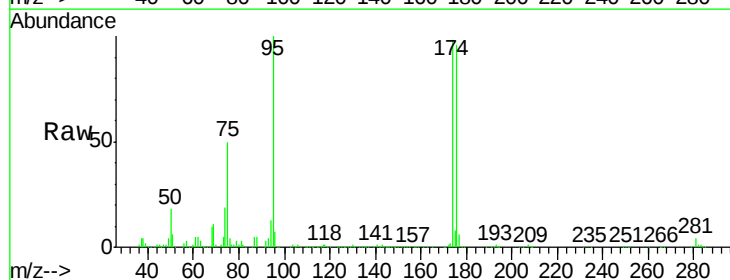
Tgt Ion: 95 Resp: 287259

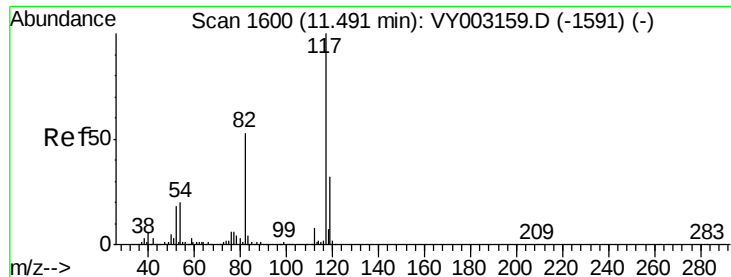
Ion Ratio Lower Upper

95 100

174 96.6 0.0 190.6

176 94.5 0.0 186.4

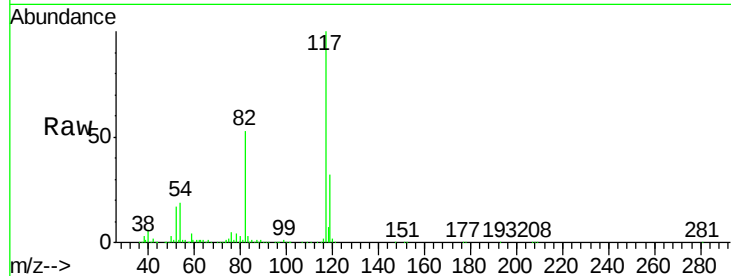




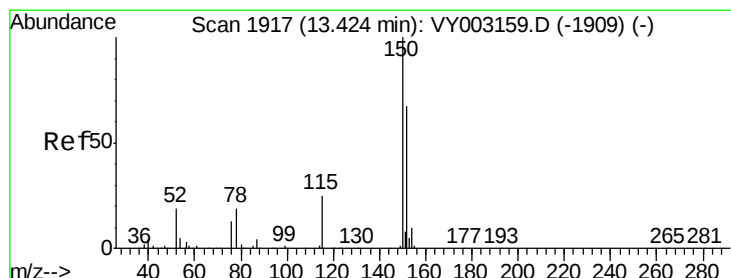
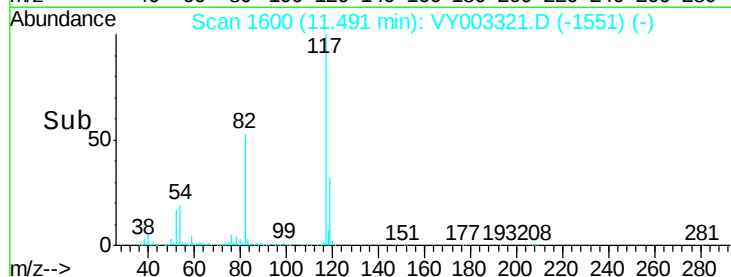
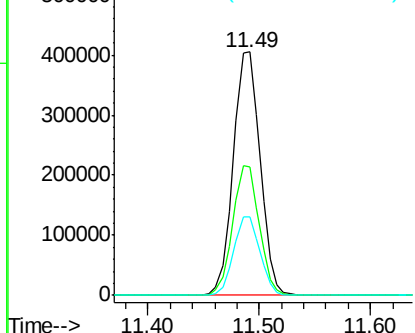
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003321.D
Acq: 23 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
19RE

Tot Ion:117 Resp: 676767
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.3 25.5 38.3

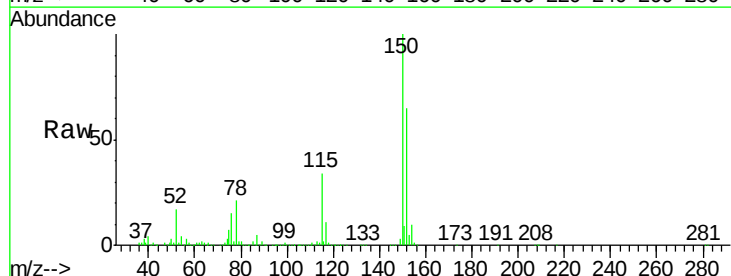


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

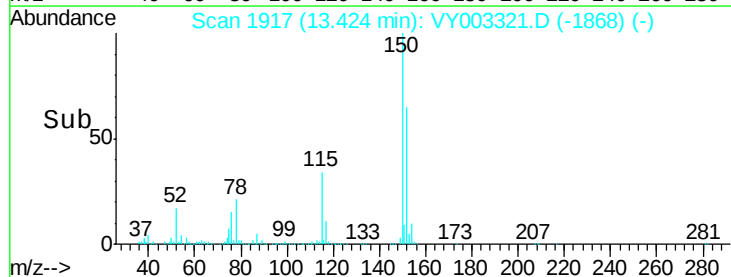
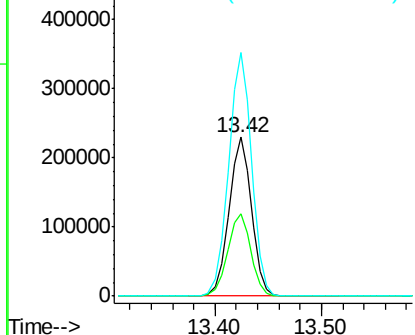


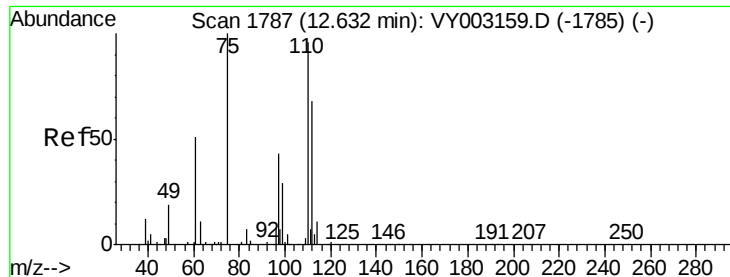
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003321.D
Acq: 23 Jul 2020 17:10

Tgt Ion:152 Resp: 340652
Ion Ratio Lower Upper
152 100
115 53.1 26.9 80.7
150 156.1 0.0 338.0



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





#76

1,2,3-Trichloropropane

Concen: 48.520 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

Instrument :

MSVOA_Y

ClientSampled :

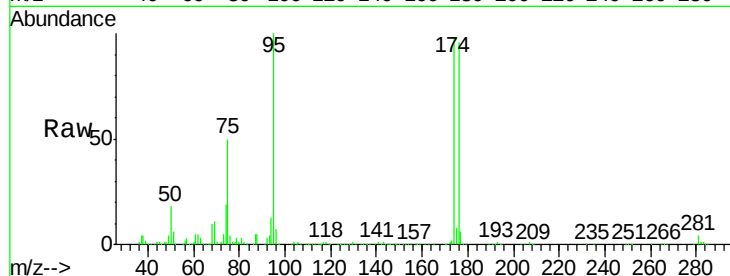
19RE

Tot Ion: 75 Resp: 146306

Ion Ratio Lower Upper

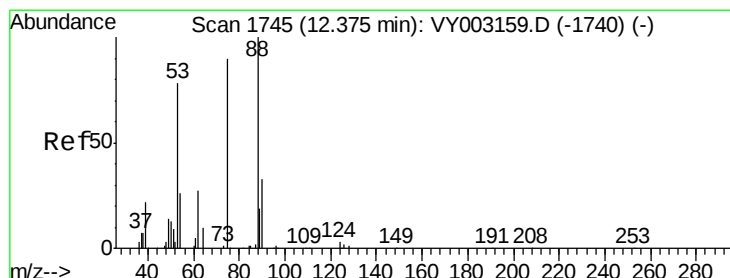
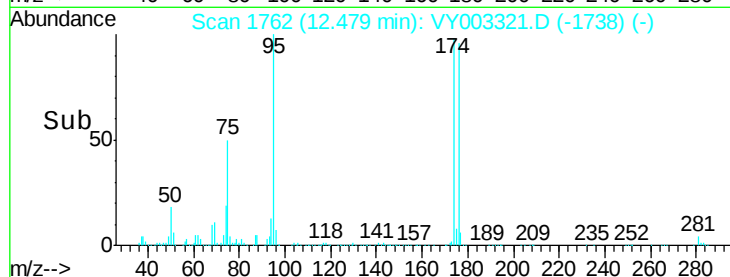
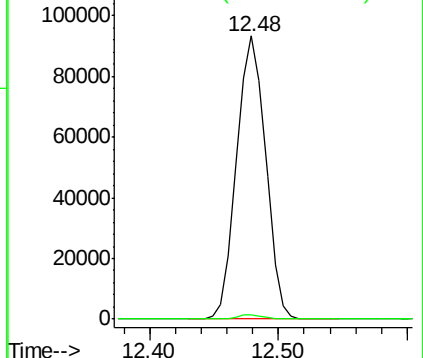
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 94.430 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003321.D

Acq: 23 Jul 2020 17:10

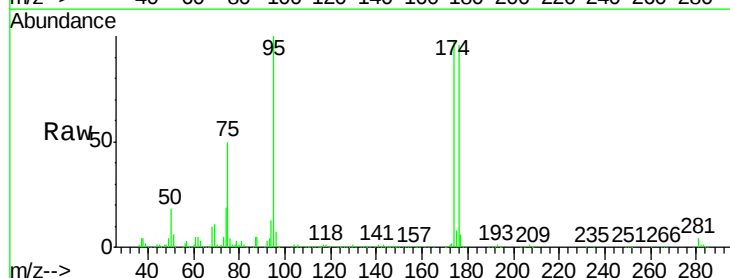
Tgt Ion: 75 Resp: 146306

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.1 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

