

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003318.D
 Acq On : 23 Jul 2020 15:58
 Operator : SY/MD
 Sample : L3308-22RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22

Quant Time: Jul 24 04:40:50 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

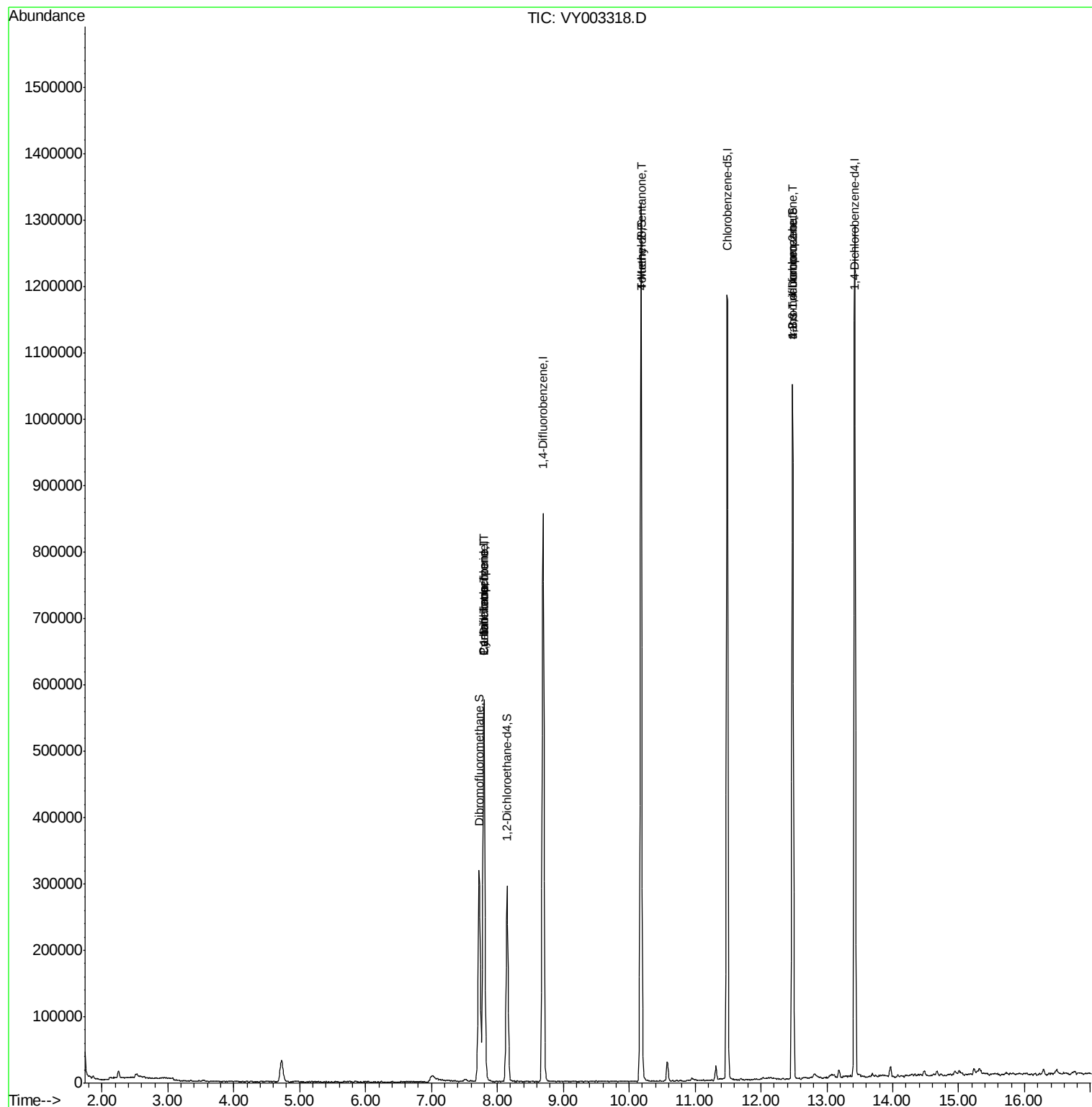
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	473544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	730690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	334905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	229325	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
35) Dibromofluoromethane	7.72	113	226449	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.18	98	877725	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
62) 4-Bromofluorobenzene	12.48	95	291281	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.80	56	8236	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	33689	5.087	ug/l #	49
38) Carbon Tetrachloride	7.79	117	42333	6.192	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3900	1.087	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	146200	49.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	146200	95.981	ug/l #	13

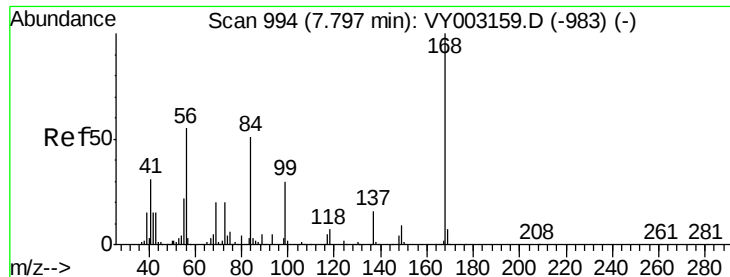
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003318.D

Acq: 23 Jul 2020 15:58

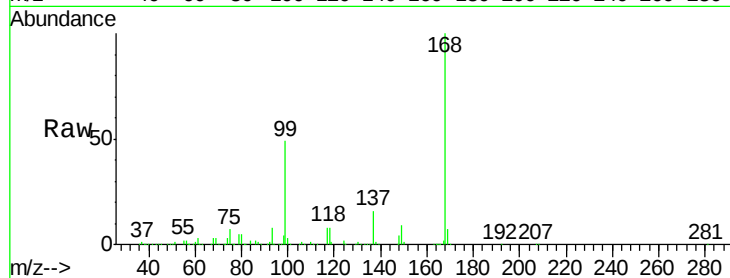
Instrument :
MSVOA_Y
ClientSampleId :
22

Tot Ion:168 Resp: 473544

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003318.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003318.D (-945) (-)

7.80

200000

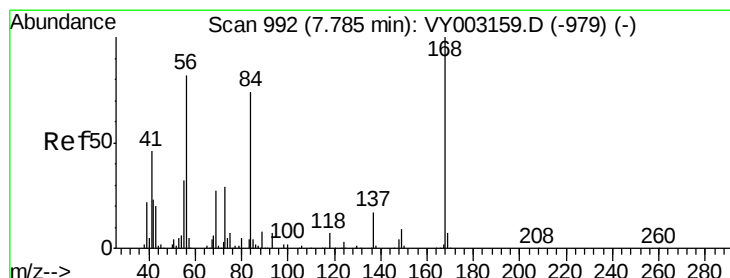
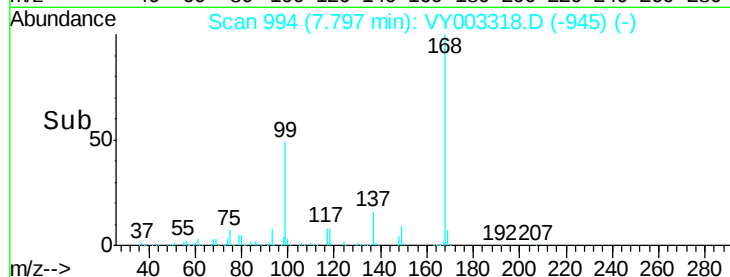
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

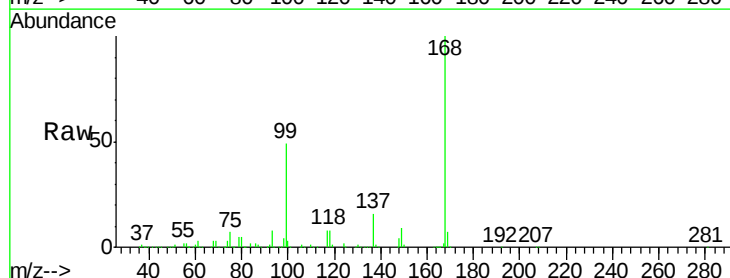
Tgt Ion: 56 Resp: 8236

Ion Ratio Lower Upper

56 100

69 168.7 26.7 40.1#

84 141.1 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY003318.D (-943) (-)

Ion 69.00 (68.70 to 69.70): VY003318.D (-943) (-)

Ion 84.00 (83.70 to 84.70): VY003318.D (-943) (-)

8000

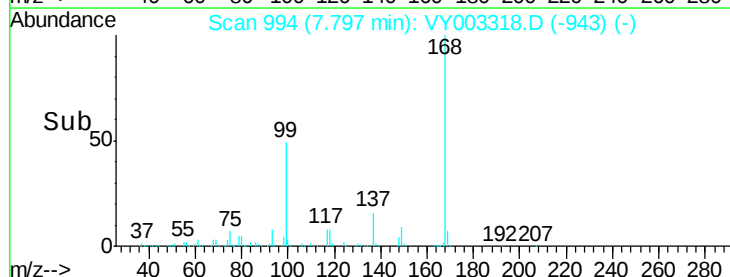
6000

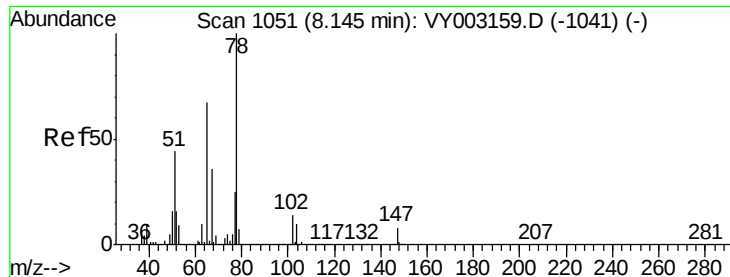
4000

2000

0

Time-->

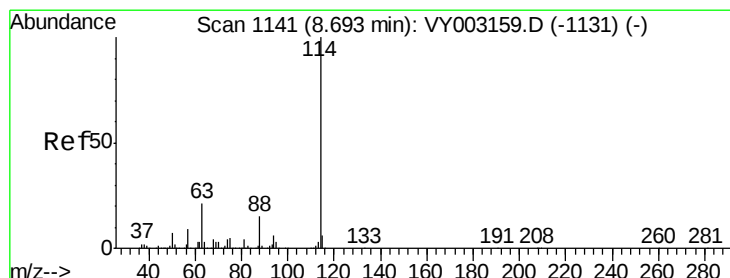
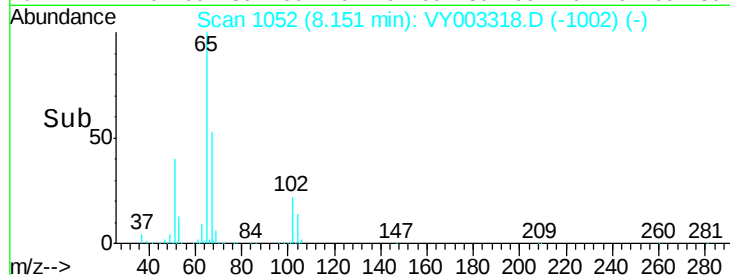
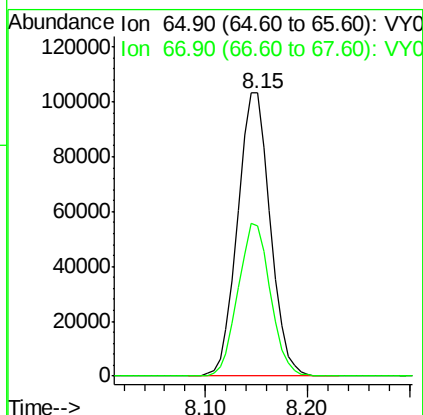
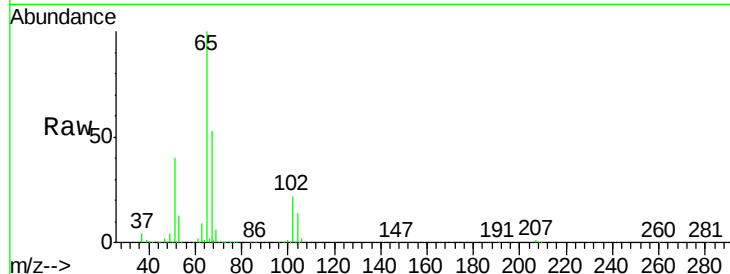




#33
 1,2-Dichloroethane-d4
 Concen: 57.376 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003318.D
 Acq: 23 Jul 2020 15:58

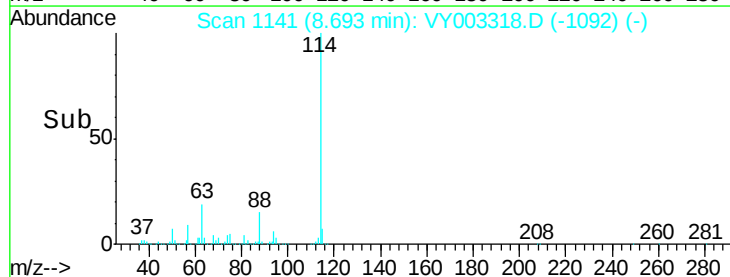
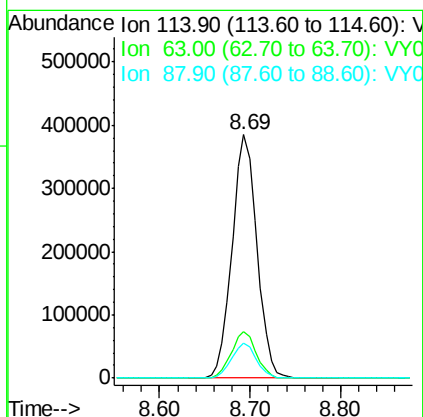
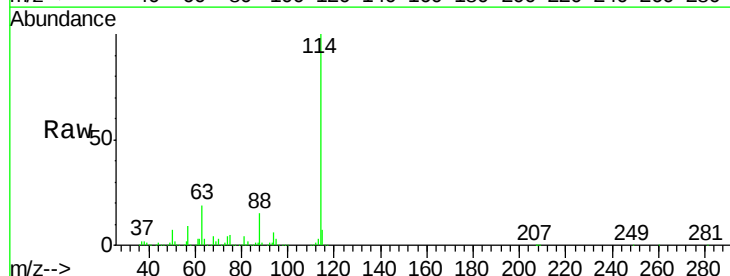
Instrument :
 MSVOA_Y
 ClientSampleId :
 22

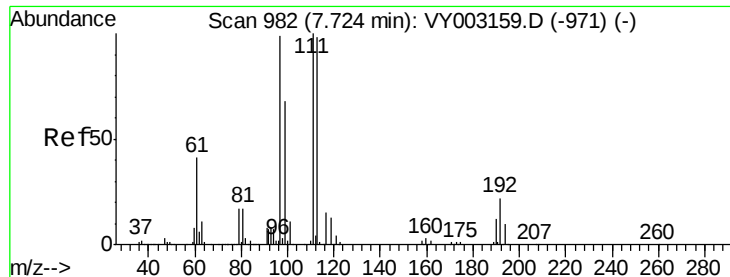
Tot Ion: 65 Resp: 229325
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003318.D
 Acq: 23 Jul 2020 15:58

Tgt Ion: 114 Resp: 730690
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 14.6 0.0 30.2

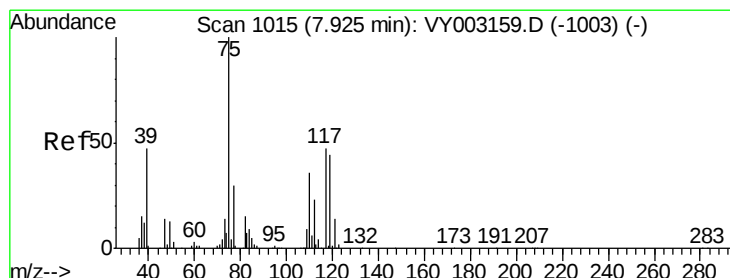
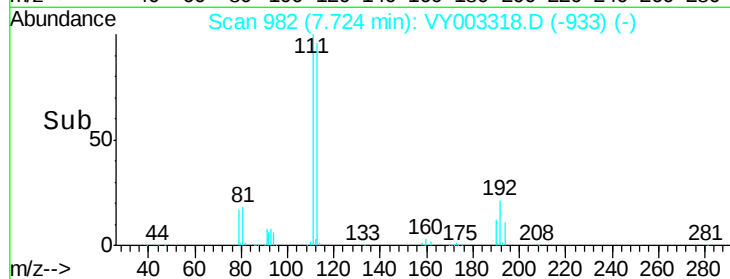
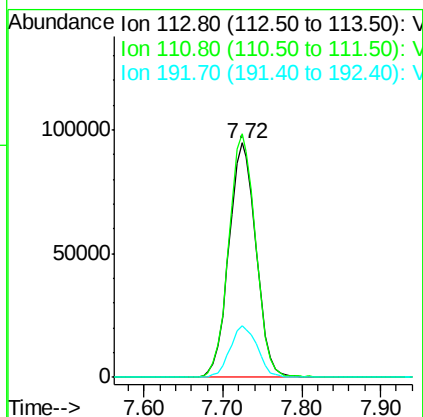
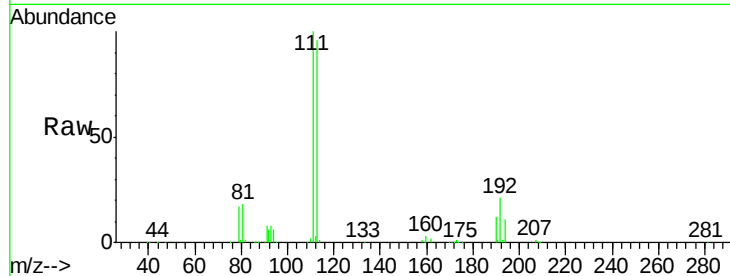




#35
 Dibromofluoromethane
 Concen: 53.853 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003318.D
 Acq: 23 Jul 2020 15:58

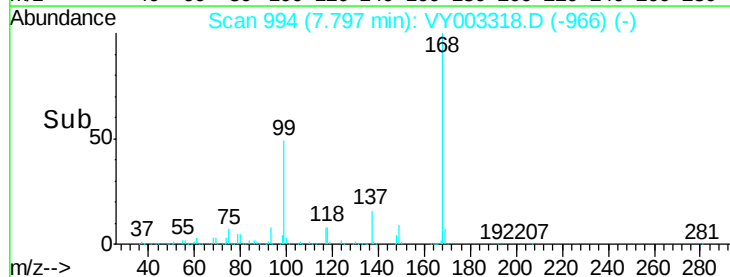
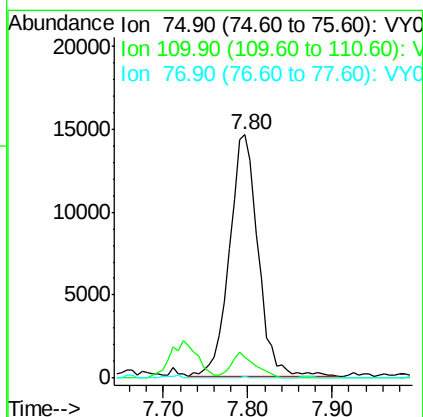
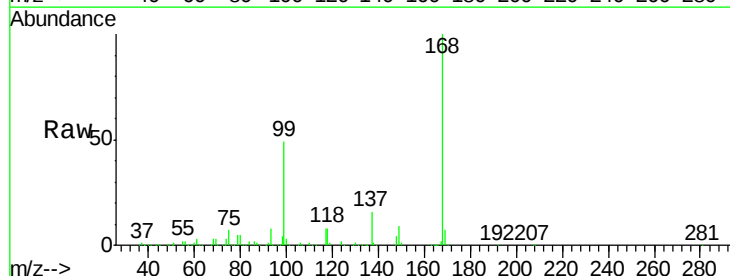
Instrument :
 MSVOA_Y
 ClientSampleId :
 22

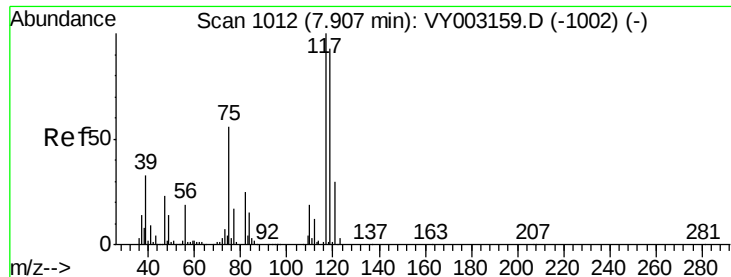
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	22.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003318.D
 Acq: 23 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.192 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

Instrument :

MSVOA_Y

ClientSampled :

22

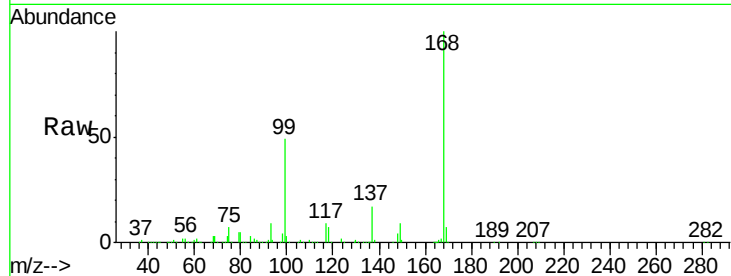
Tot Ion:117 Resp: 42333

Ion Ratio Lower Upper

117 100

119 4.9 74.5 111.7#

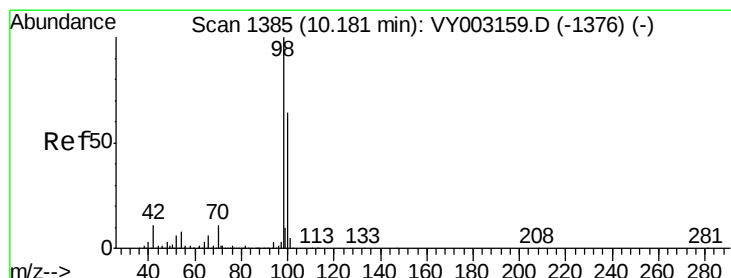
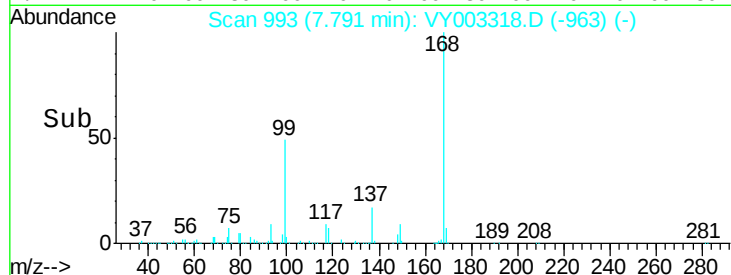
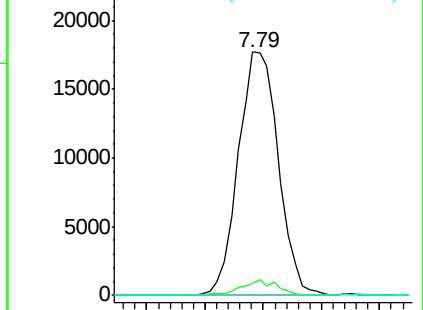
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.145 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003318.D

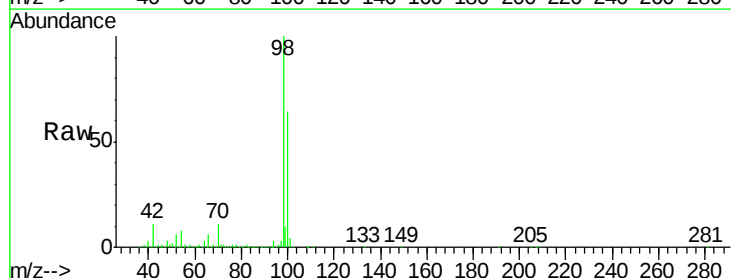
Acq: 23 Jul 2020 15:58

Tgt Ion: 98 Resp: 877725

Ion Ratio Lower Upper

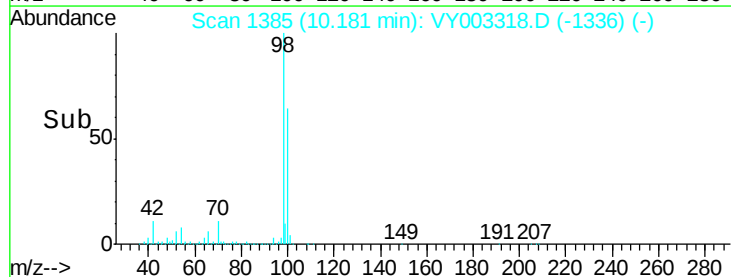
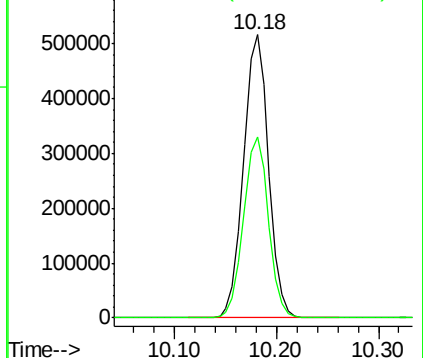
98 100

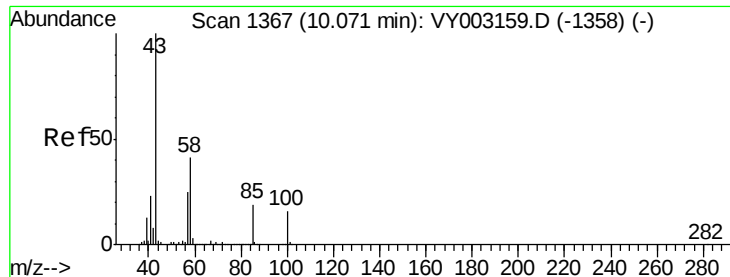
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.087 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

Instrument :

MSVOA_Y

ClientSampled :

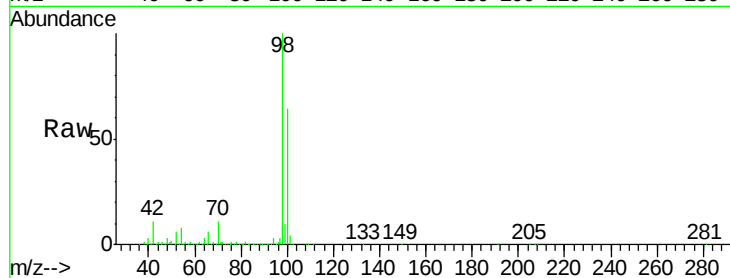
22

Tot Ion: 43 Resp: 3900

Ion Ratio Lower Upper

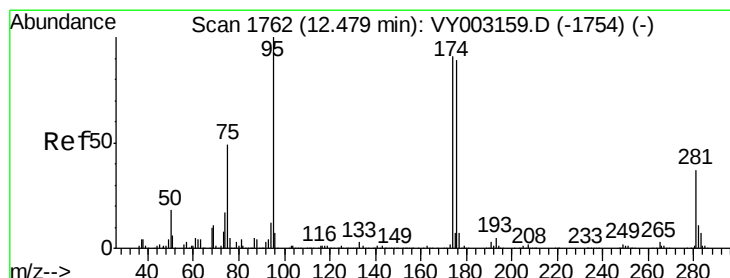
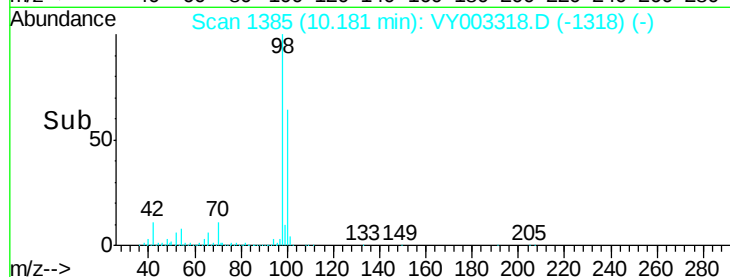
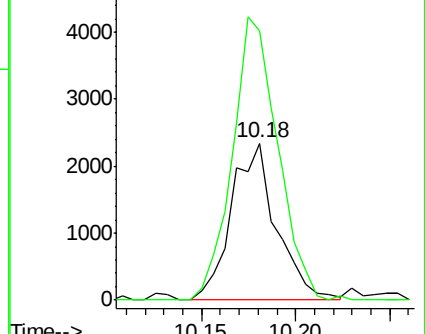
43 100

58 181.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 51.575 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

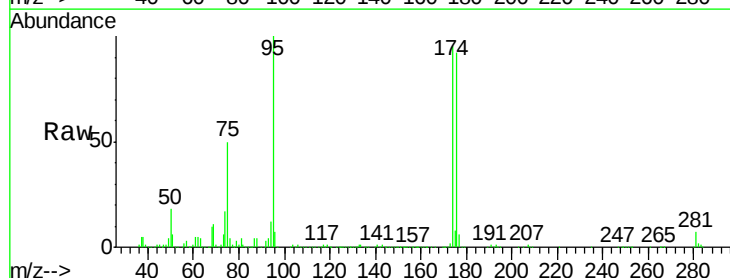
Tgt Ion: 95 Resp: 291281

Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

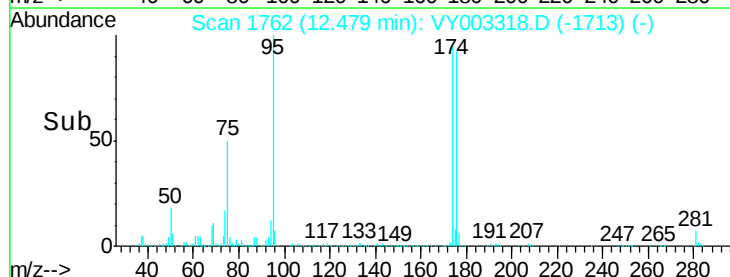
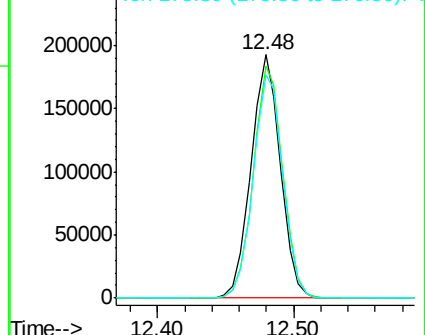
176 93.0 0.0 186.4

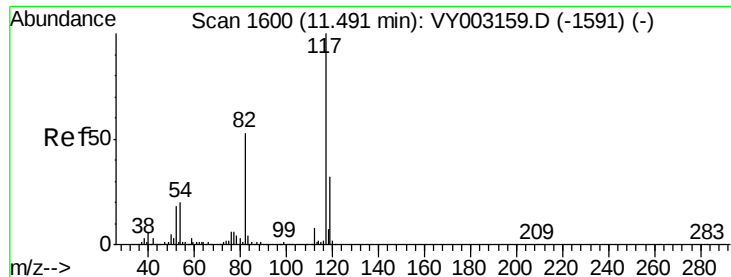


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

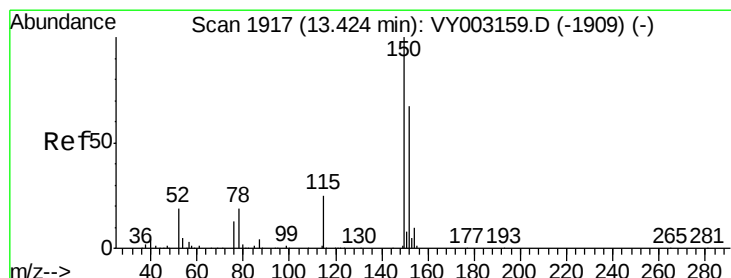
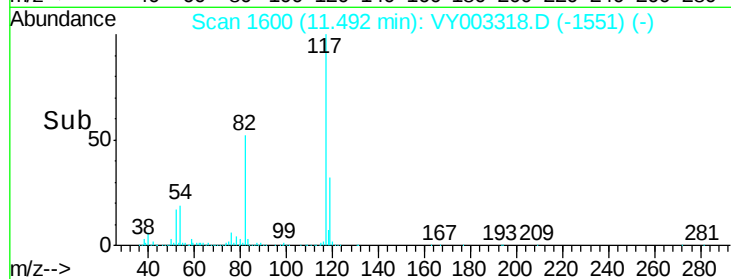
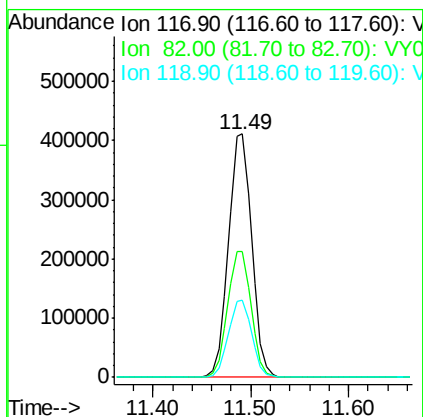
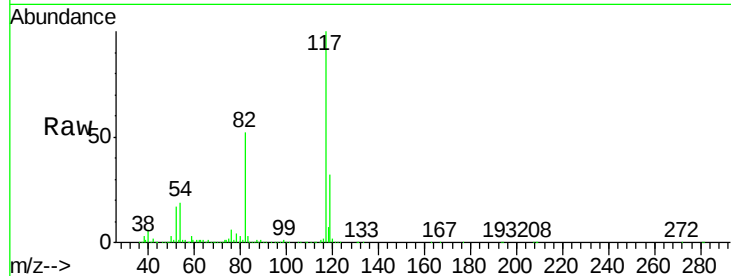




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003318.D
Acq: 23 Jul 2020 15:58

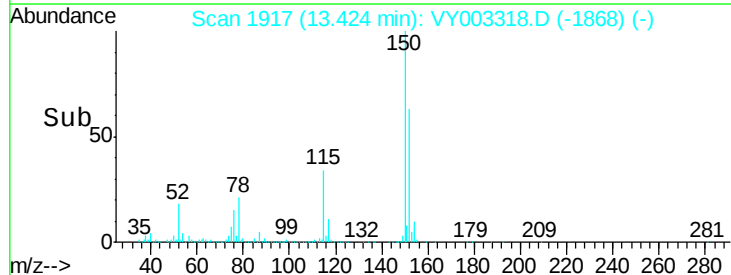
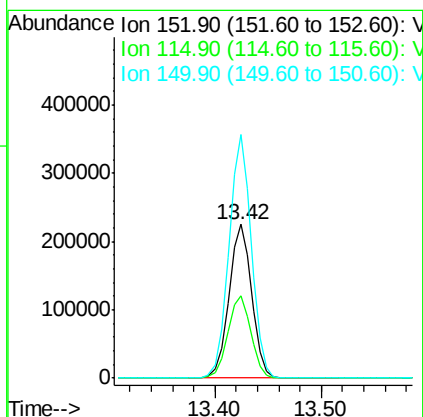
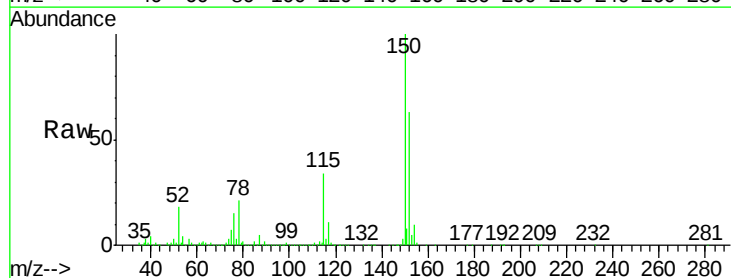
Instrument :
MSVOA_Y
ClientSampled :
22

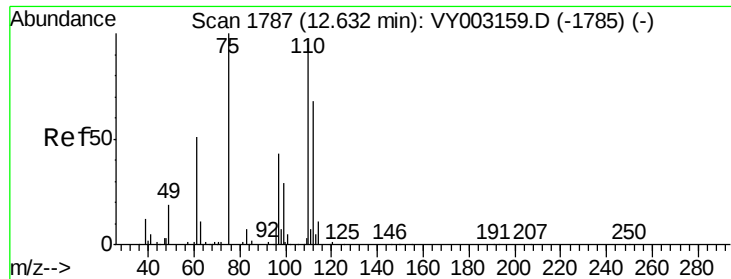
Tot Ion:117 Resp: 676370
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003318.D
Acq: 23 Jul 2020 15:58

Tgt Ion:152 Resp: 334905
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 156.6 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 49.317 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

Instrument :

MSVOA_Y

ClientSampled :

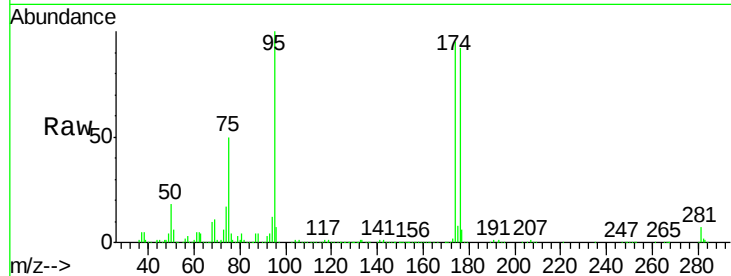
22

Tot Ion: 75 Resp: 146200

Ion Ratio Lower Upper

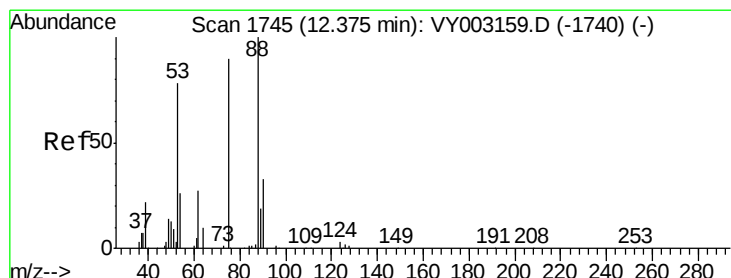
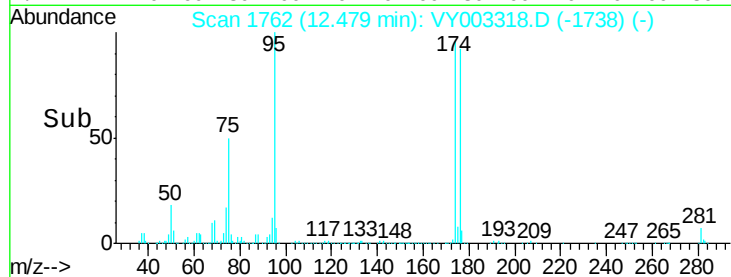
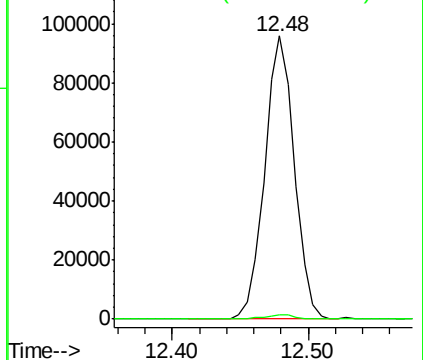
75 100

77 1.7 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: 95.981 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003318.D

Acq: 23 Jul 2020 15:58

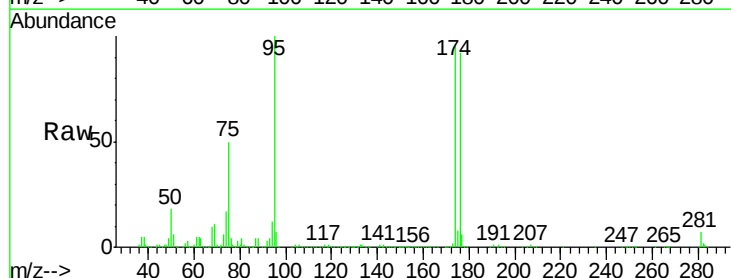
Tgt Ion: 75 Resp: 146200

Ion Ratio Lower Upper

75 100

53 0.2 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

