

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002163.D
 Acq On : 01 Apr 2020 15:19
 Operator : SY/MD
 Sample : L2100-03
 Misc : 9.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:23:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

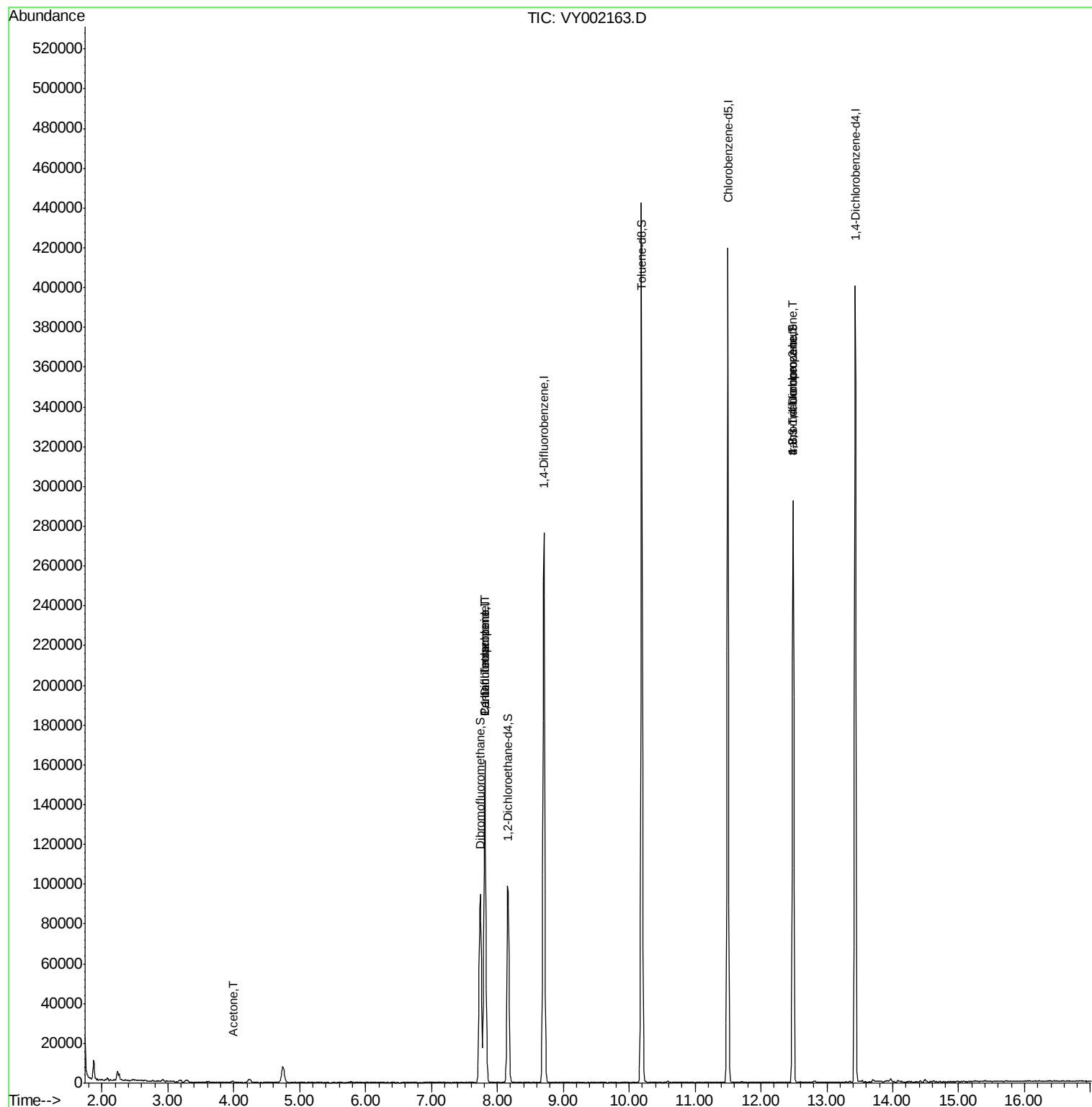
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	118358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	231669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	215489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	94333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73093	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	7.74	113	67955	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	10.19	98	284452	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.49	95	95623	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	1141	3.104	ug/l #	78
20) Methylene Chloride	4.74	84	6003	Below Cal		96
36) 1,1-Dichloropropene	7.81	75	10162	4.638	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12051	6.482	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	49760	47.157	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49760	91.359	ug/l #	17

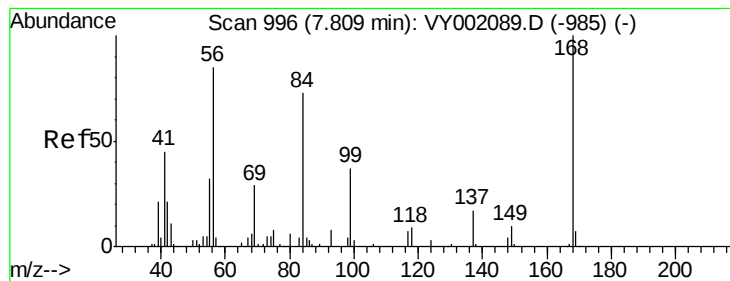
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

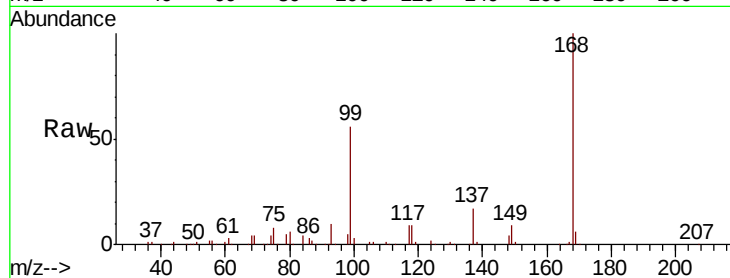
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 118358

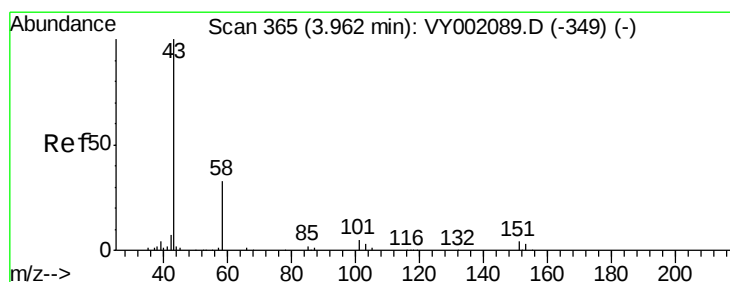
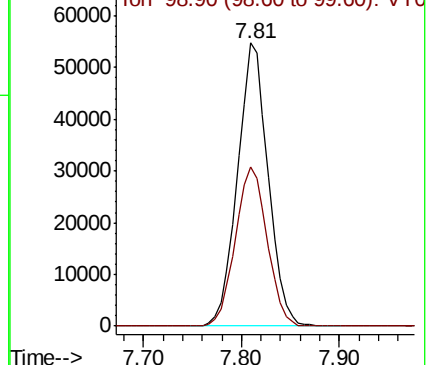
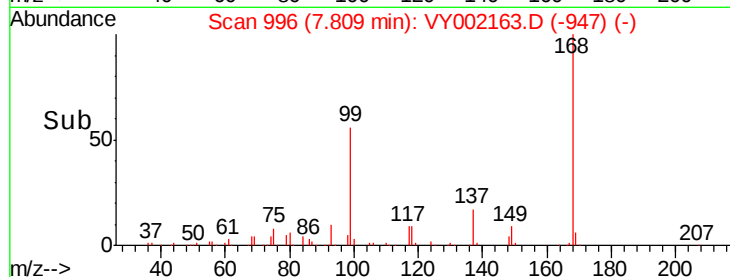
Ion Ratio Lower Upper

168 100

99 56.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002163.D (-947) (-)



#16

Acetone

Concen: 3.104 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002163.D

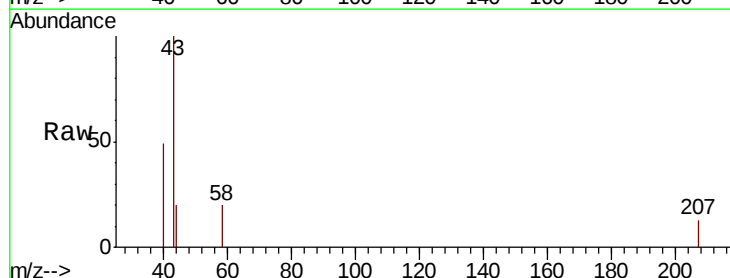
Acq: 01 Apr 2020 15:19

Tgt Ion: 43 Resp: 1141

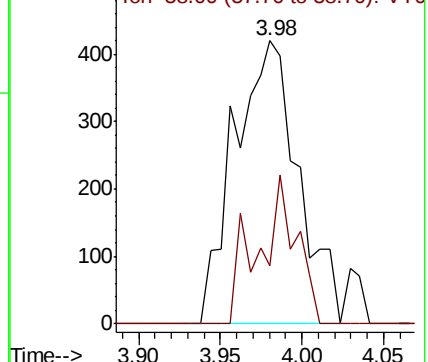
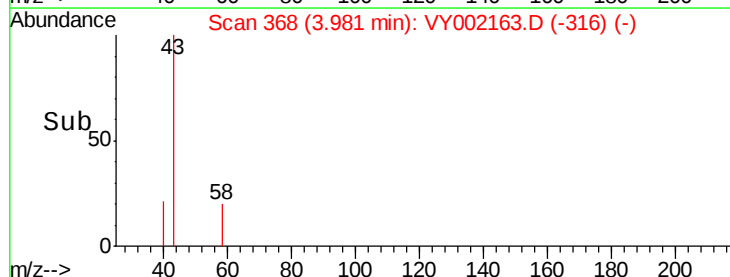
Ion Ratio Lower Upper

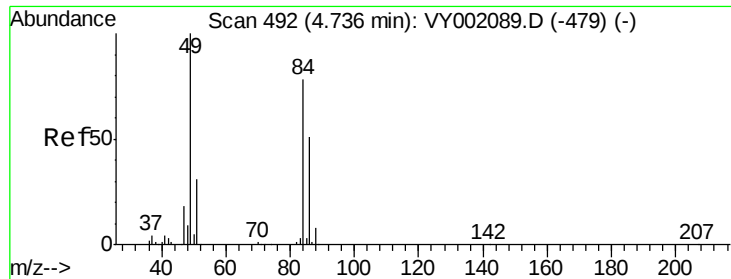
43 100

58 20.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002163.D (-316) (-)

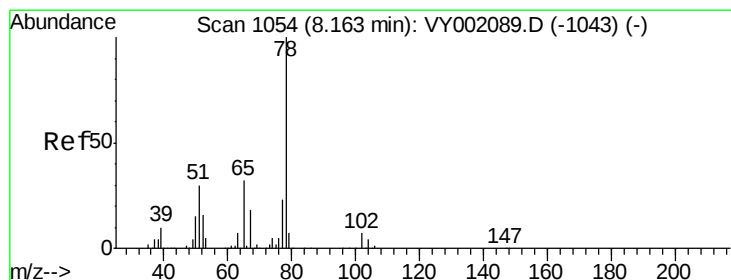
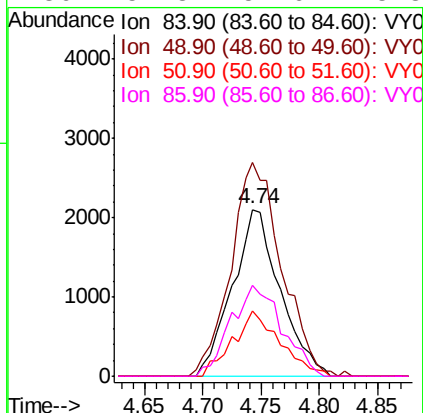
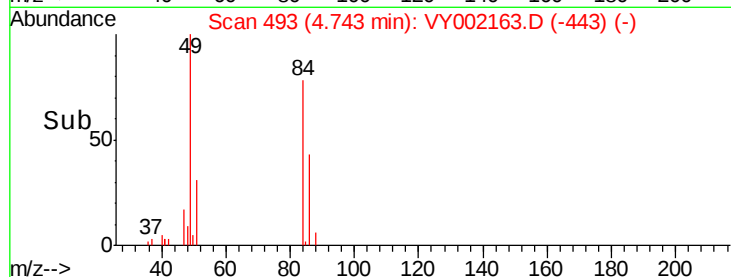
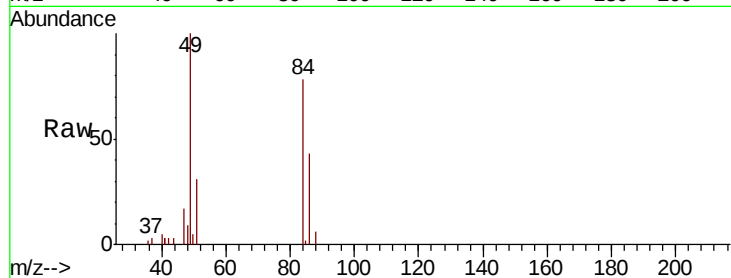




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

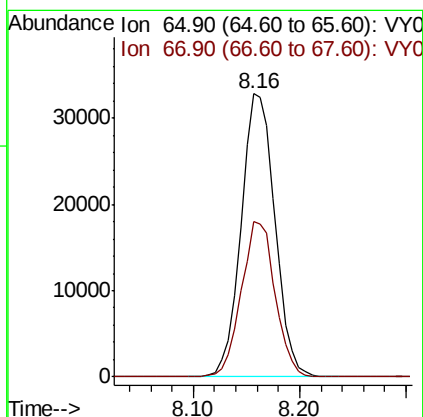
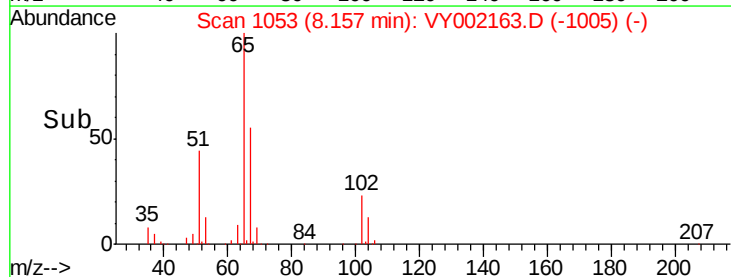
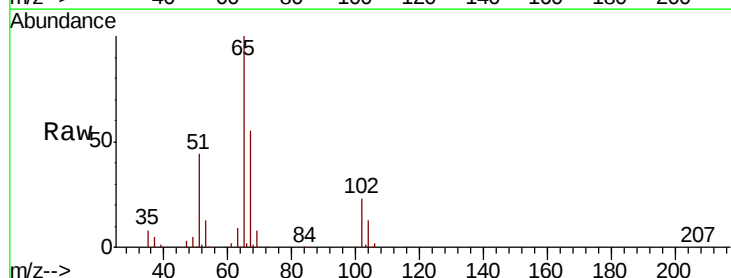
Instrument :
MSVOA_Y
ClientSampleId :

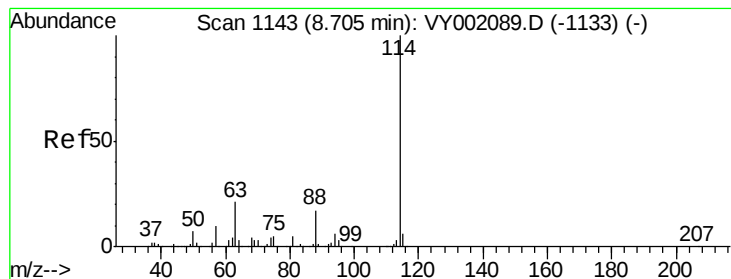
Tot Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	128.1	102.2	153.4
51	51	39.4	31.2	46.8
86	86	54.8	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 55.864 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
65	65	100		
67	67	55.0	0.0	112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

Instrument :

MSVOA_Y

ClientSampleId :

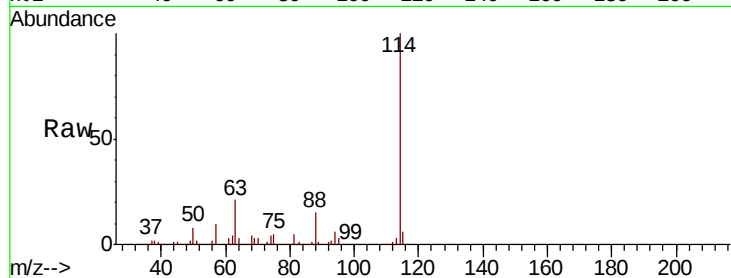
Tot Ion:114 Resp: 231669

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

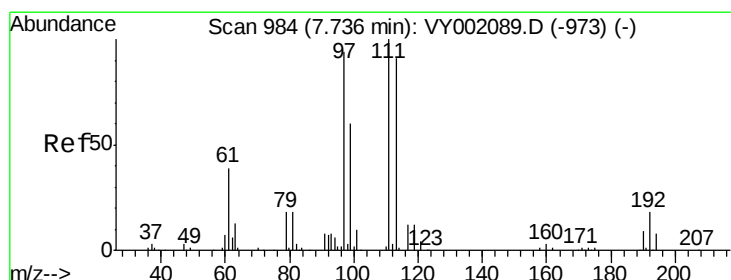
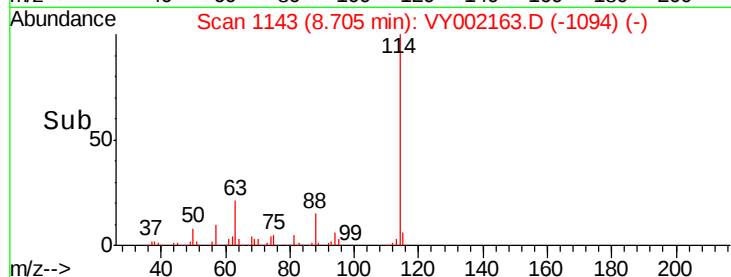
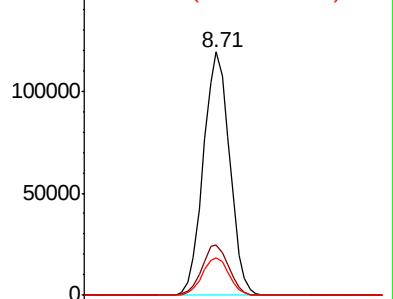
88 15.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.351 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

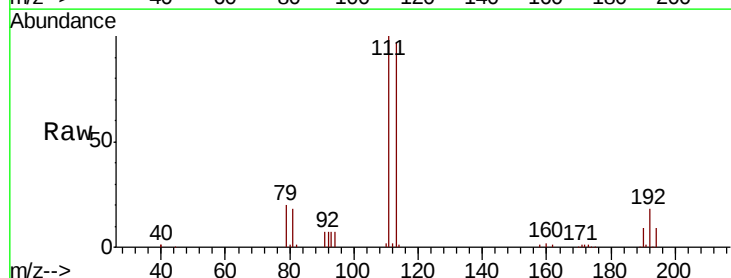
Tgt Ion:113 Resp: 67955

Ion Ratio Lower Upper

113 100

111 103.2 84.4 126.6

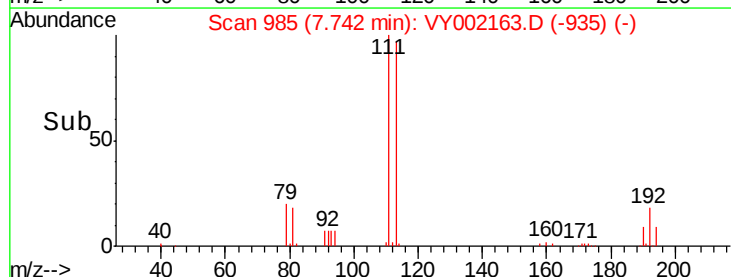
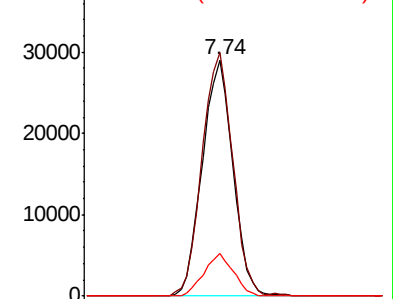
192 17.5 14.6 21.8

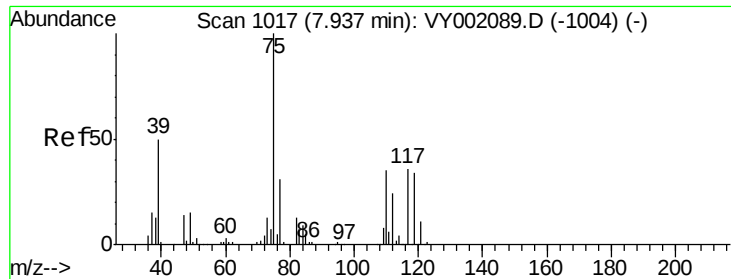


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

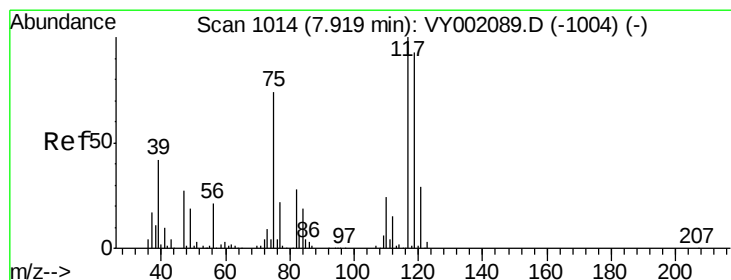
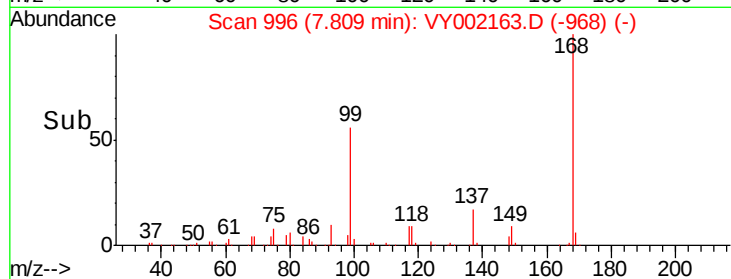
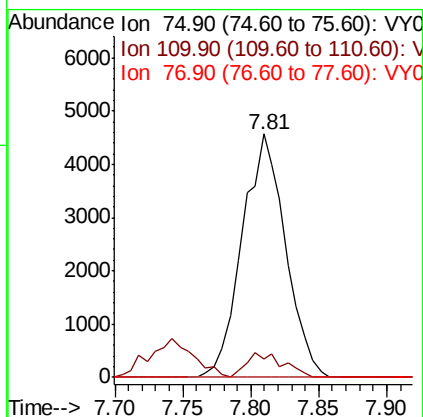
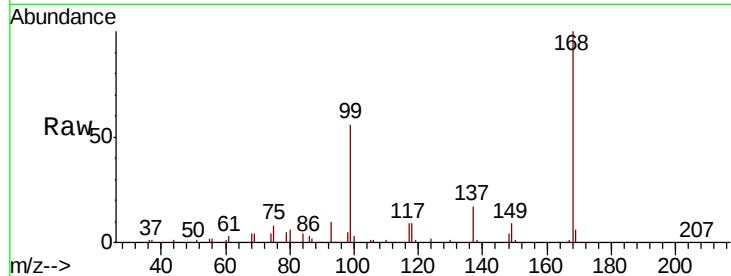




#36
 1,1-Dichloropropene
 Concen: 4.638 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002163.D
 Acq: 01 Apr 2020 15:19

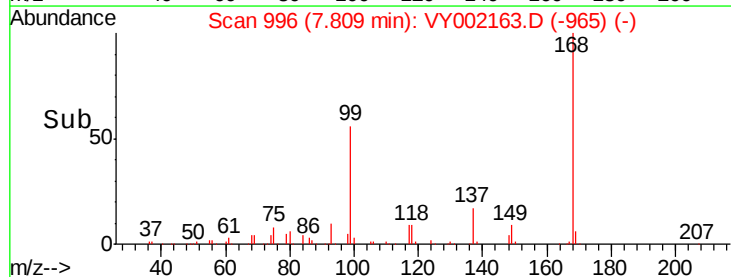
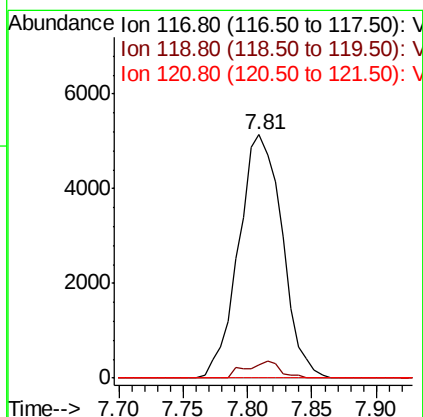
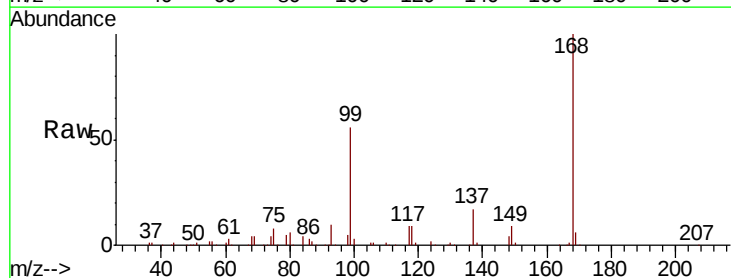
Instrument :
 MSVOA_Y
 ClientSampleId :

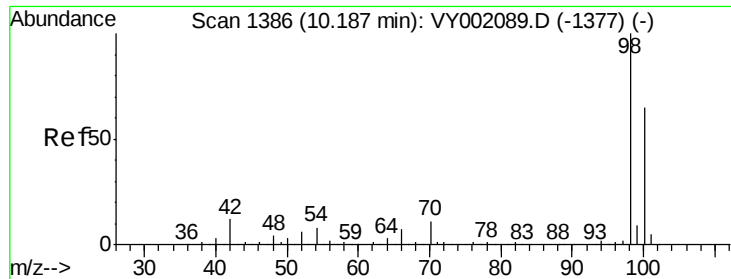
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.482 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002163.D
 Acq: 01 Apr 2020 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.749 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

Instrument :

MSVOA_Y

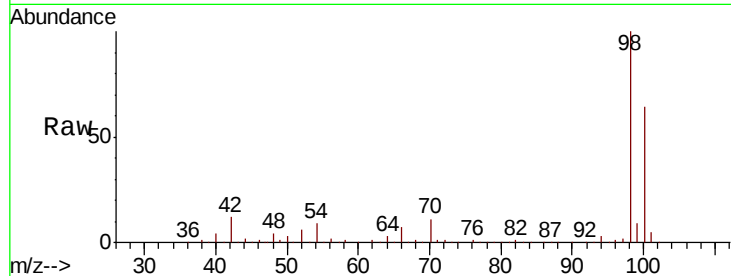
ClientSampleId :

Tot Ion: 98 Resp: 284452

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.19

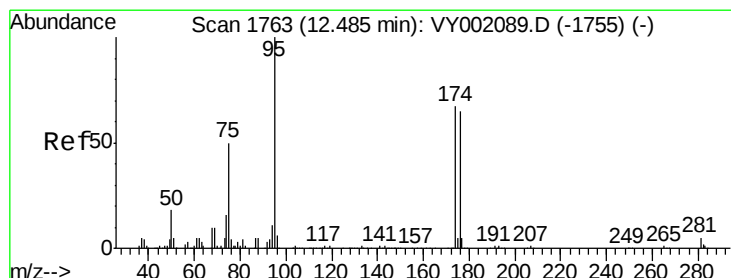
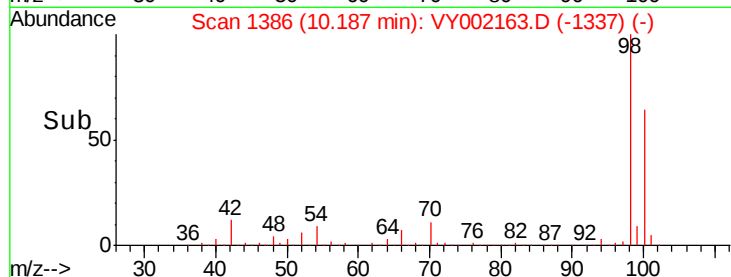
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.703 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

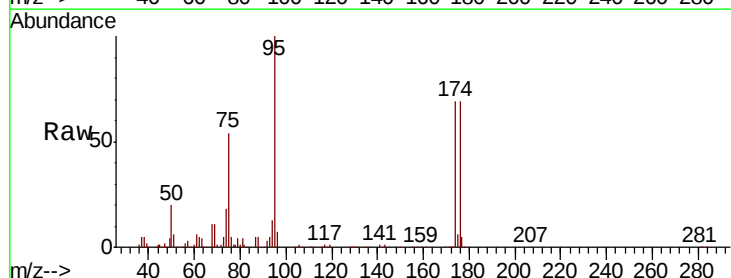
Tgt Ion: 95 Resp: 95623

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.4

176 71.0 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

12.49

80000

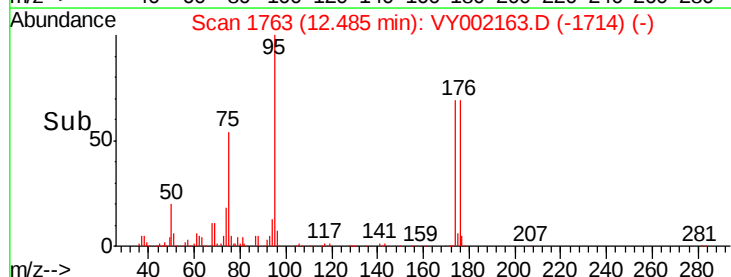
60000

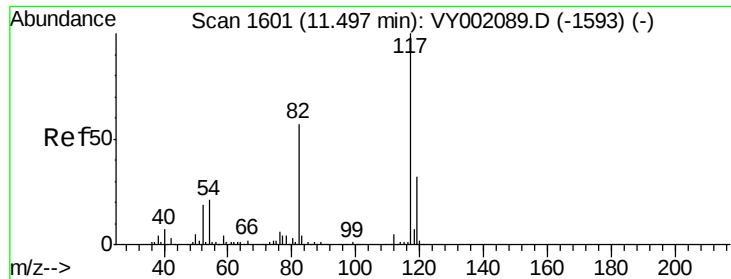
40000

20000

0

Time-->

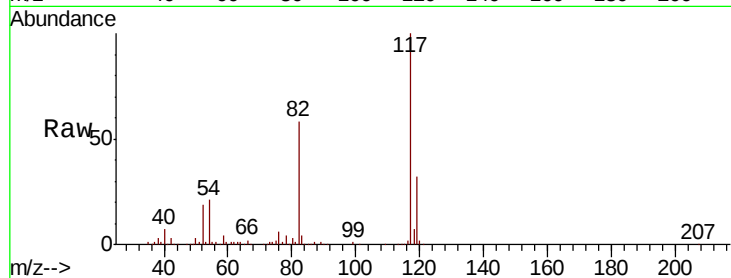




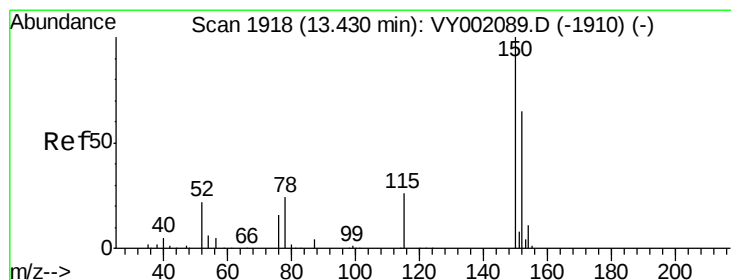
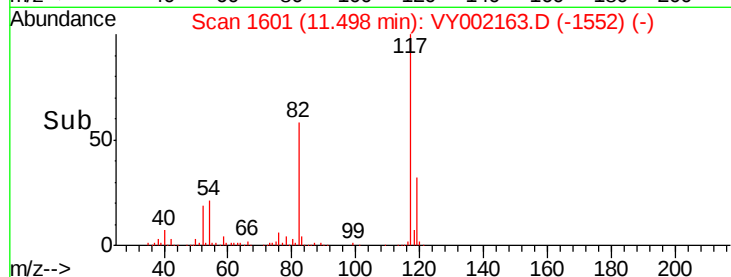
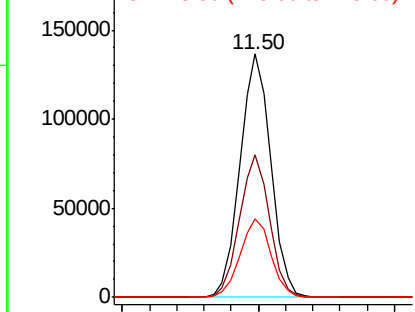
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.4	68.2
119	32.2	25.3	37.9

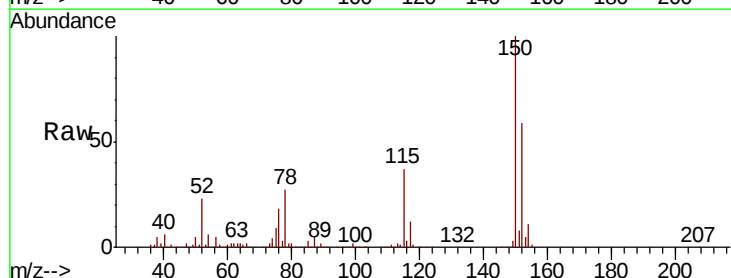


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

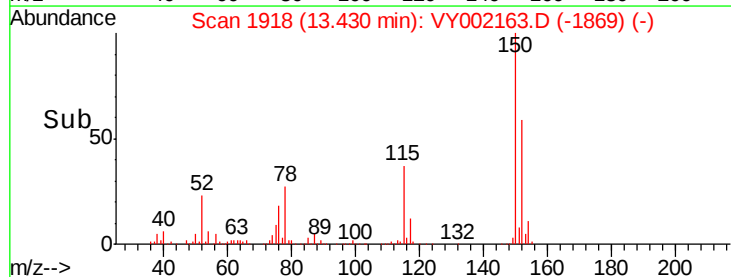
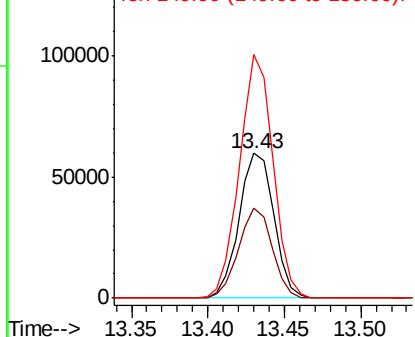


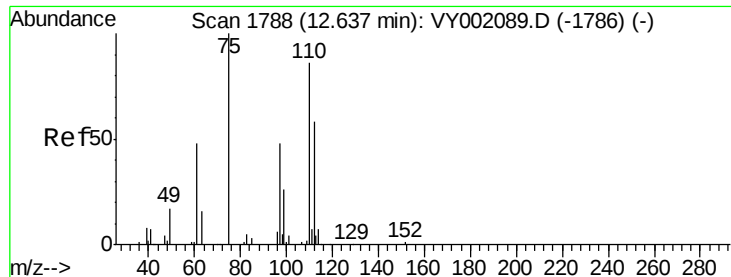
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.2	93.6
150	162.3	0.0	354.8



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: 47.157 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

Instrument :

MSVOA_Y

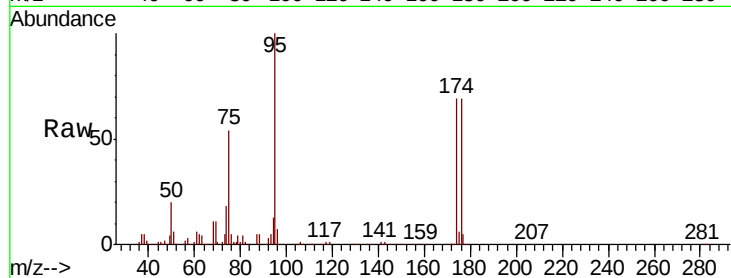
ClientSampleId :

Tot Ion: 75 Resp: 49760

Ion Ratio Lower Upper

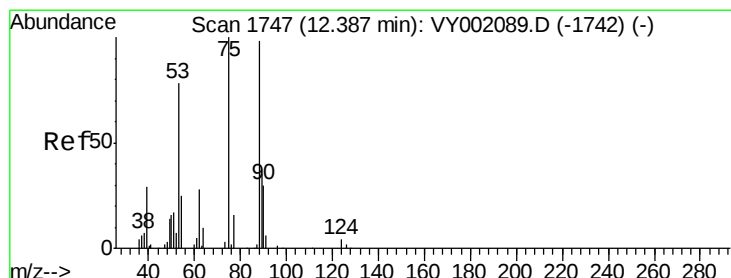
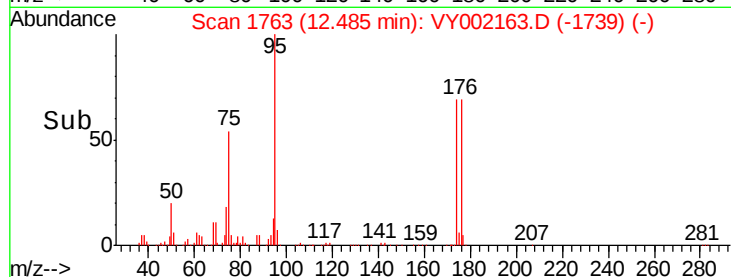
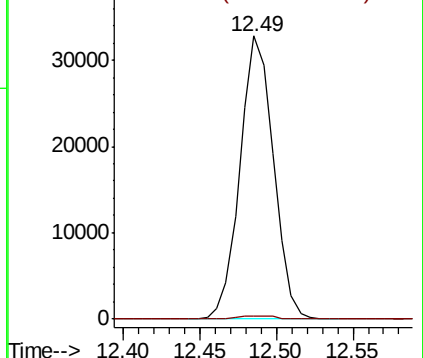
75 100

77 1.3 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: 91.359 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002163.D

Acq: 01 Apr 2020 15:19

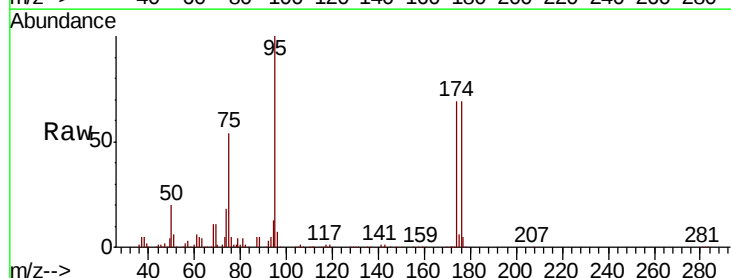
Tgt Ion: 75 Resp: 49760

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

