

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002287.D
 Acq On : 13 Apr 2020 17:53
 Operator : SY/MD
 Sample : L2215-25
 Misc : 7.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:18:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

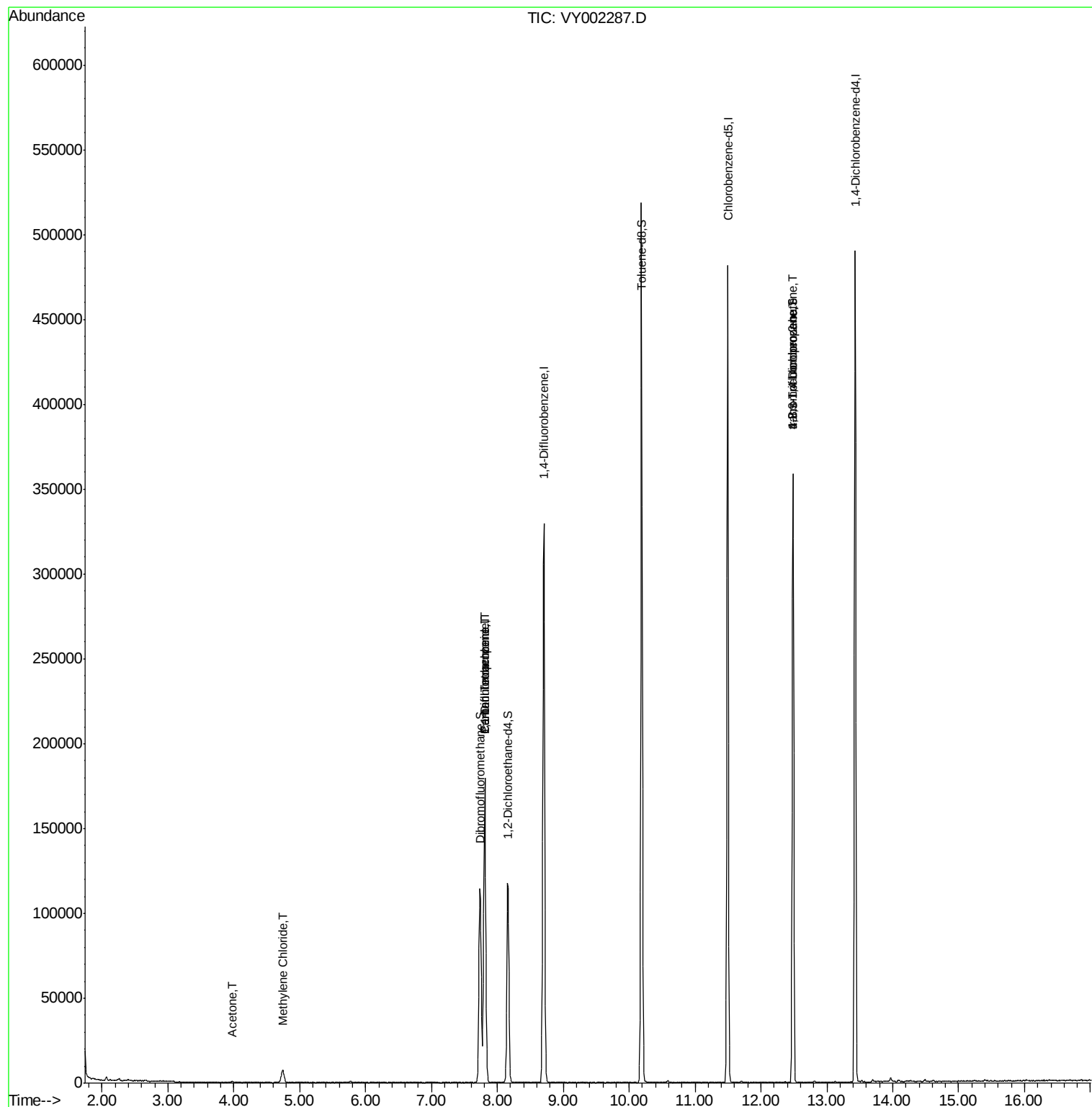
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	140190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85887	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.74	113	83666	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.19	98	343658	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.49	95	117724	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1040	2.533	ug/l #	68
20) Methylene Chloride	4.74	84	6005	2.975	ug/l	92
36) 1,1-Dichloropropene	7.80	75	11173	4.014	ug/l #	49
38) Carbon Tetrachloride	7.81	117	13308	5.589	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	58675	42.746	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58675	83.140	ug/l #	19

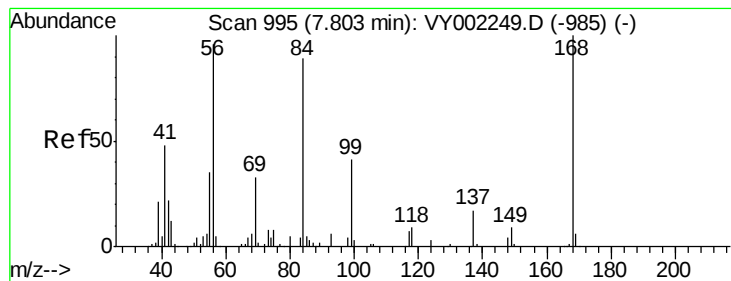
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

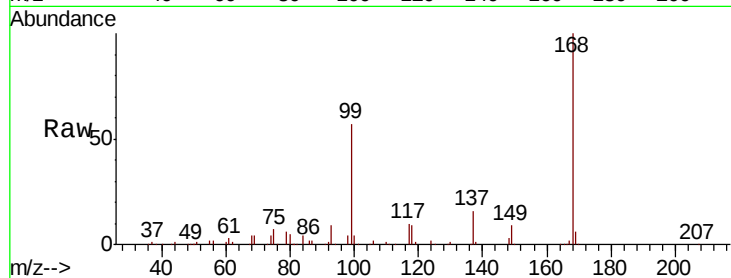
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 140190

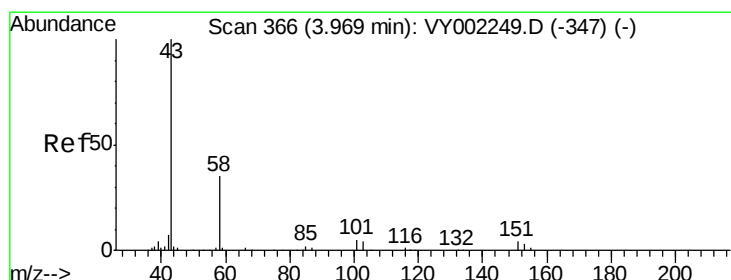
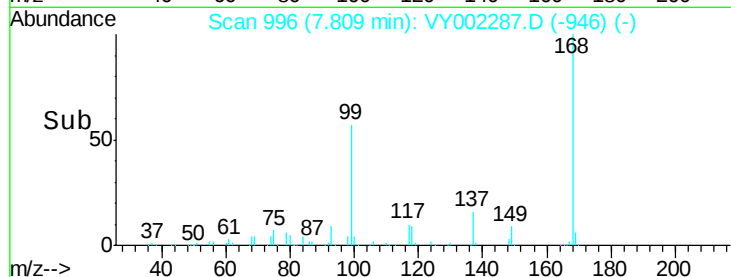
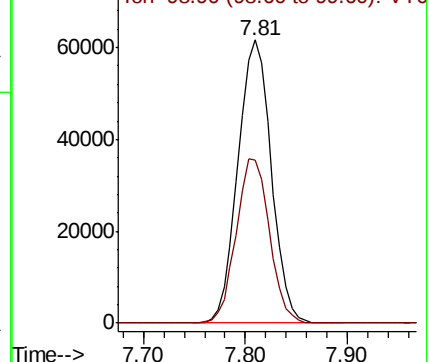
Ion Ratio Lower Upper

168 100

99 57.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002287.D (-946) (-)



#16

Acetone

Concen: 2.533 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002287.D

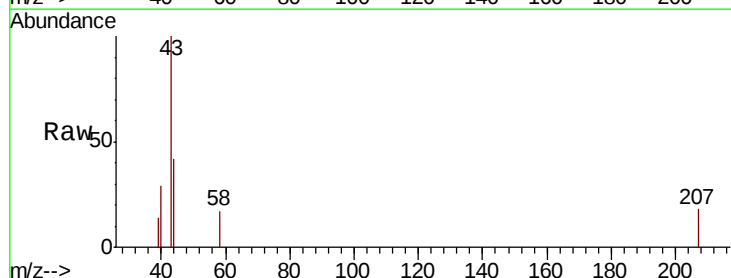
Acq: 13 Apr 2020 17:53

Tgt Ion: 43 Resp: 1040

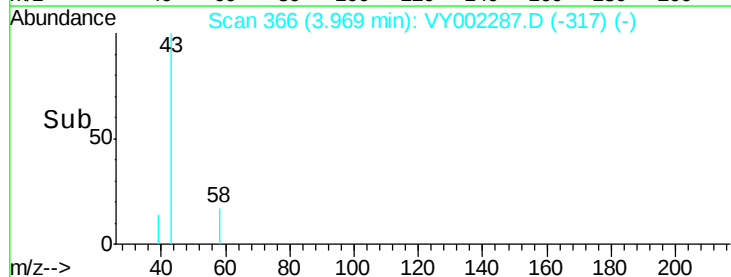
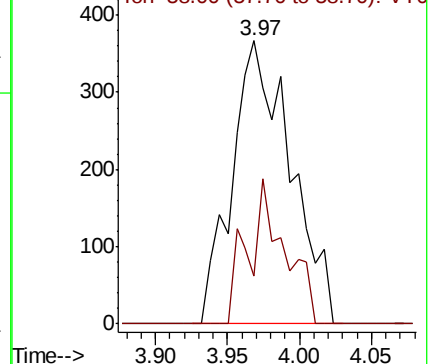
Ion Ratio Lower Upper

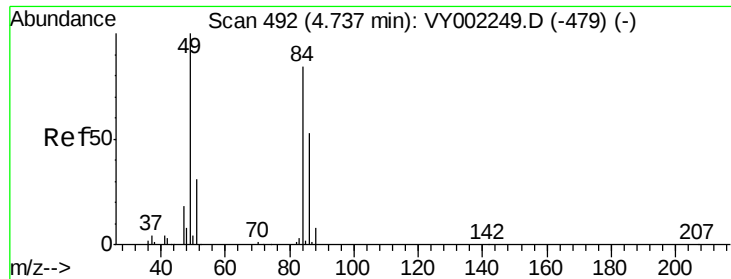
43 100

58 16.9 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002287.D (-317) (-)

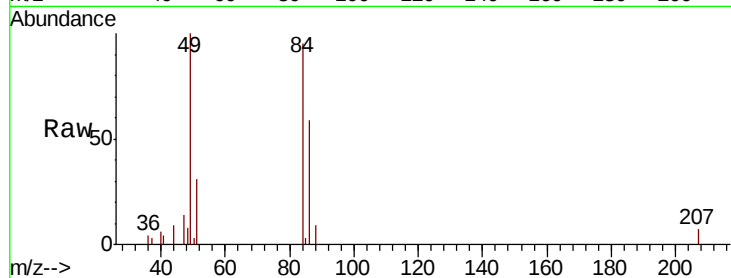




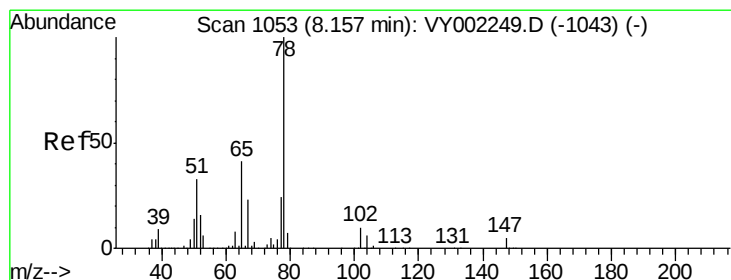
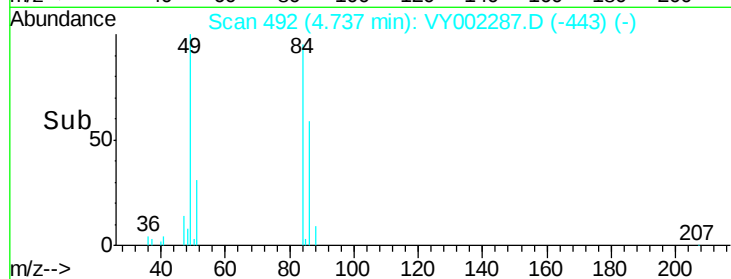
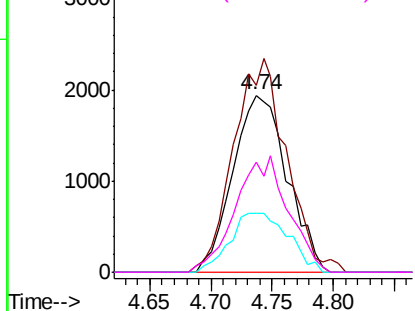
#20
Methvlene Chloride
Concen: 2.975 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002287.D
Acq: 13 Apr 2020 17:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 6005
Ion Ratio Lower Upper
84 100
49 105.6 95.5 143.3
51 33.2 29.5 44.3
86 62.1 50.7 76.1

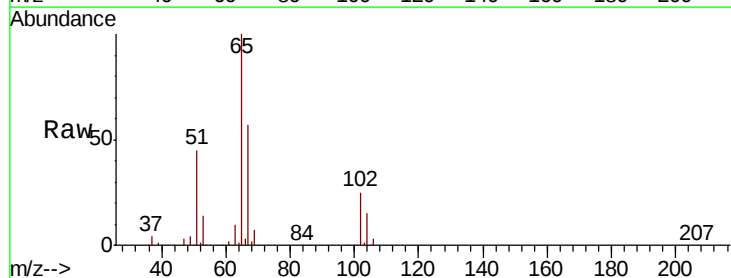


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

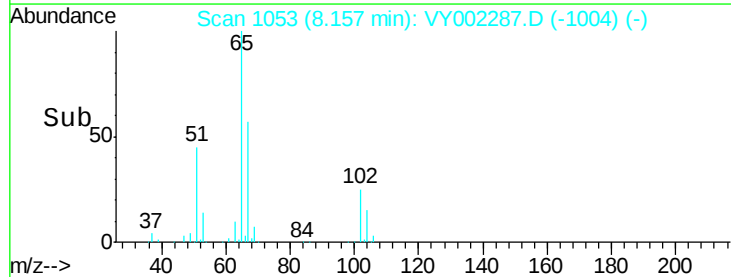
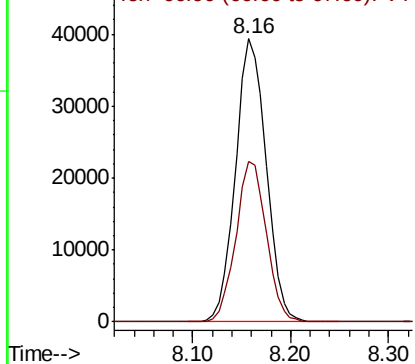


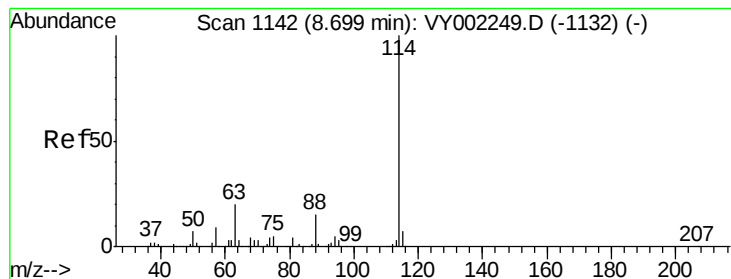
#33
1,2-Dichloroethane-d4
Concen: 55.091 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY002287.D
Acq: 13 Apr 2020 17:53

Tgt Ion: 65 Resp: 85887
Ion Ratio Lower Upper
65 100
67 56.3 0.0 114.0



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: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

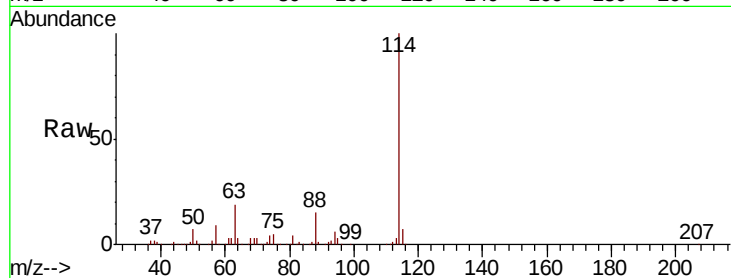
Tot Ion:114 Resp: 282623

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

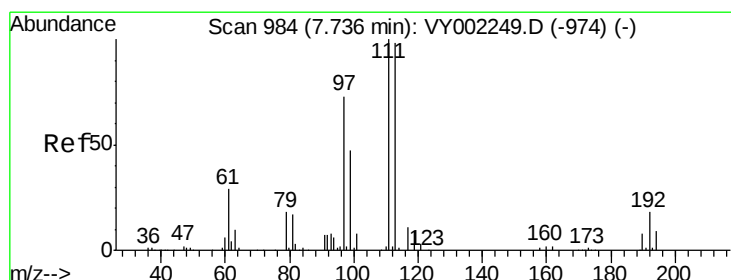
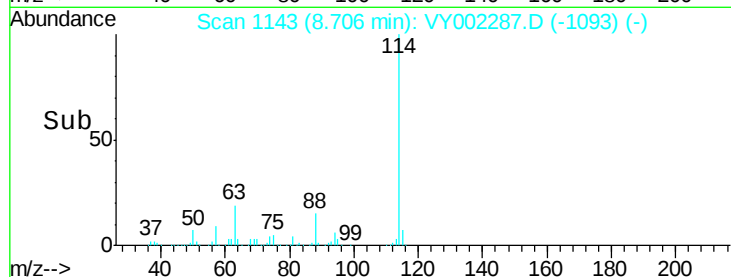
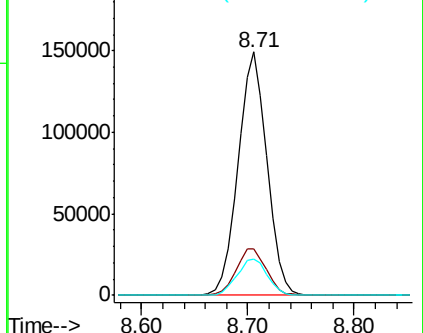
88 14.8 0.0 31.0



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: 49.751 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

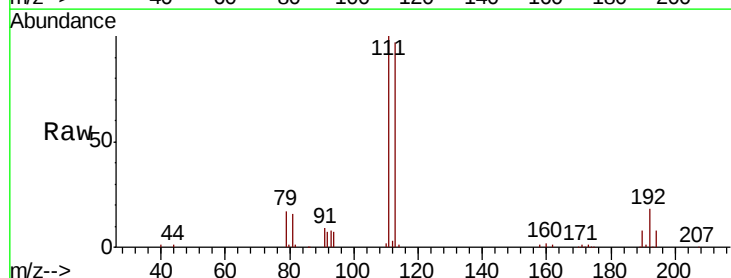
Tgt Ion:113 Resp: 83666

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

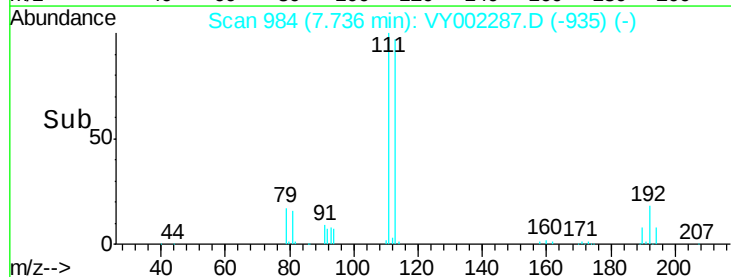
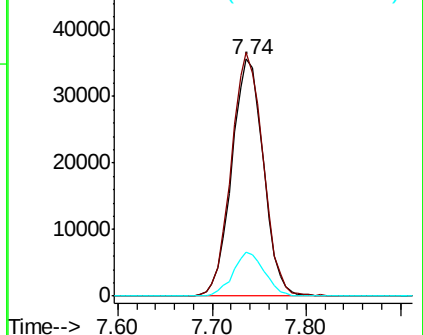
192 18.3 14.7 22.1

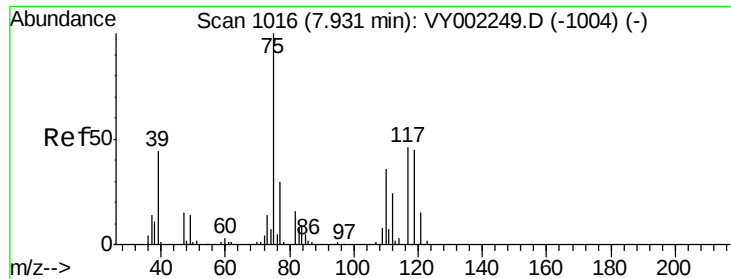


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

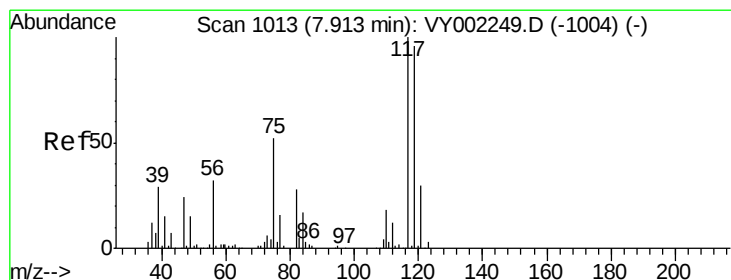
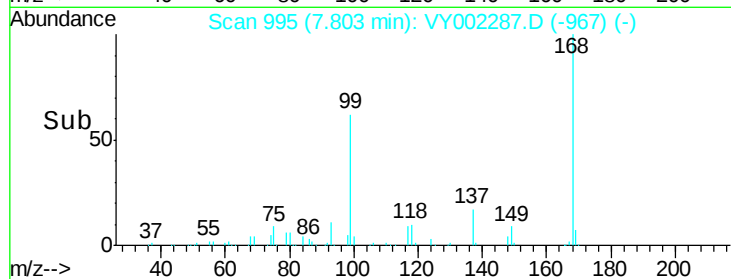
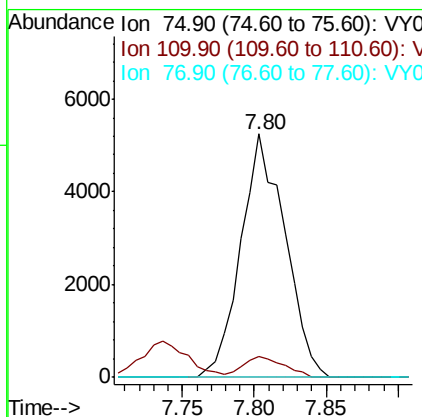
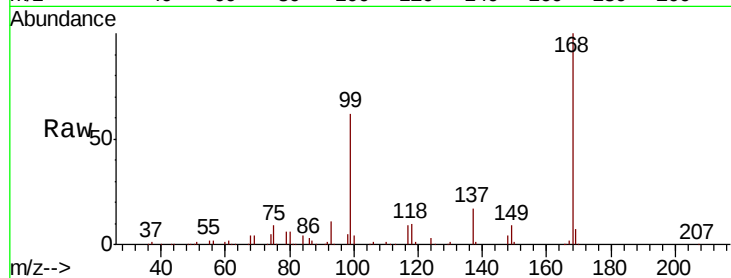




#36
 1,1-Dichloropropene
 Concen: 4.014 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002287.D
 Acq: 13 Apr 2020 17:53

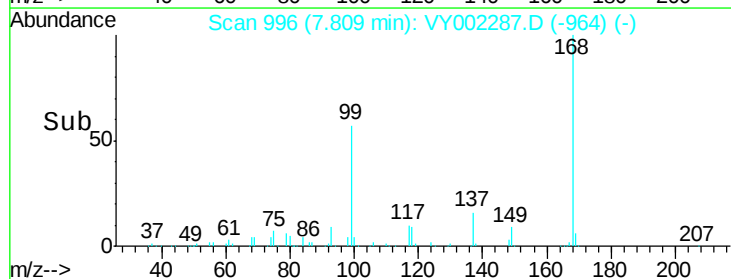
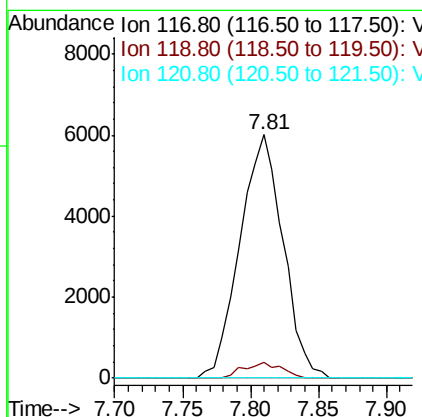
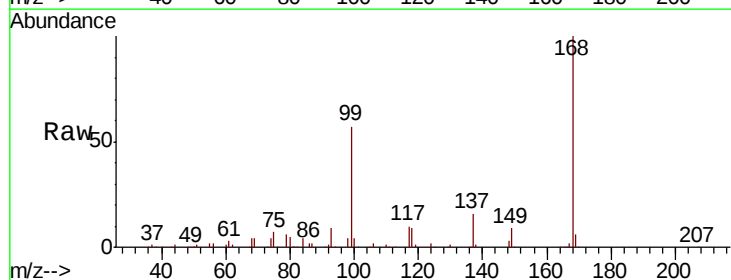
Instrument :
 MSVOA_Y
 ClientSampleId :

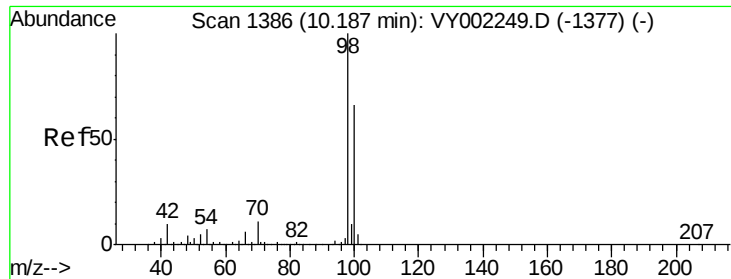
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.589 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002287.D
 Acq: 13 Apr 2020 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.823 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

Instrument :

MSVOA_Y

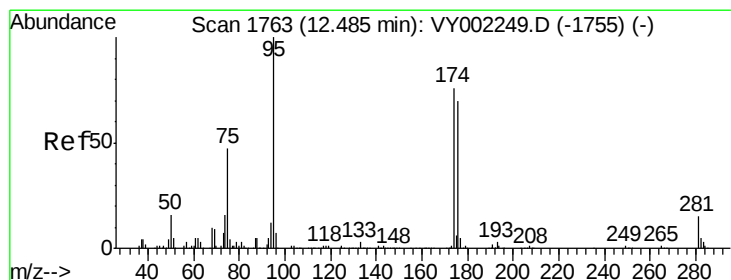
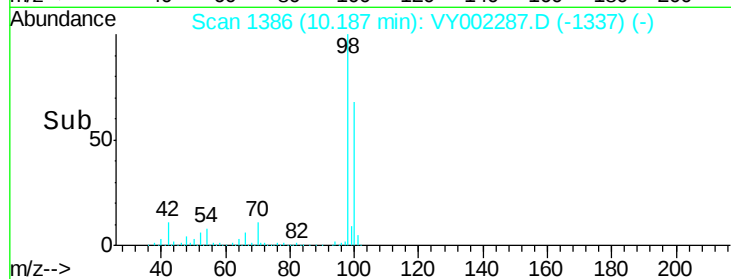
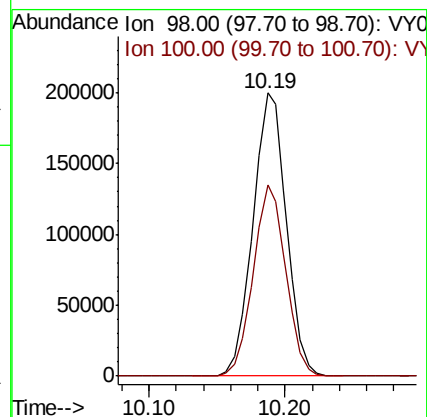
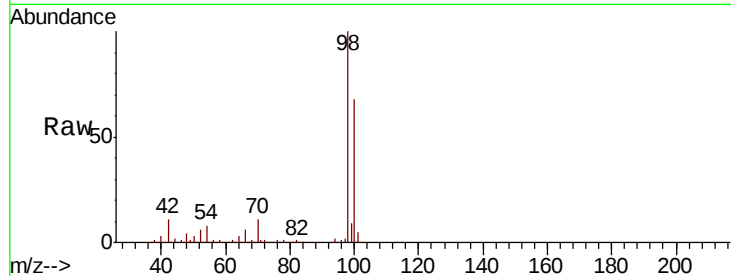
ClientSampled :

Tot Ion: 98 Resp: 343658

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.694 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

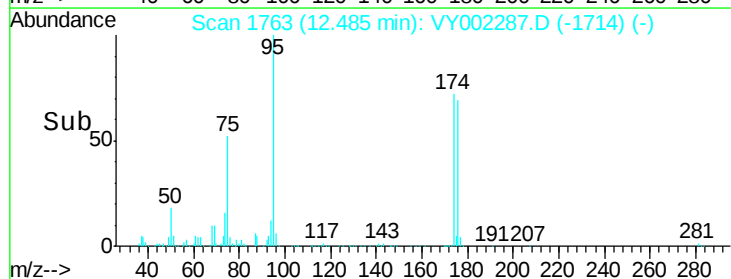
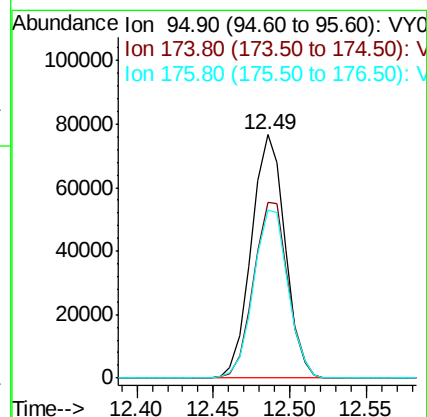
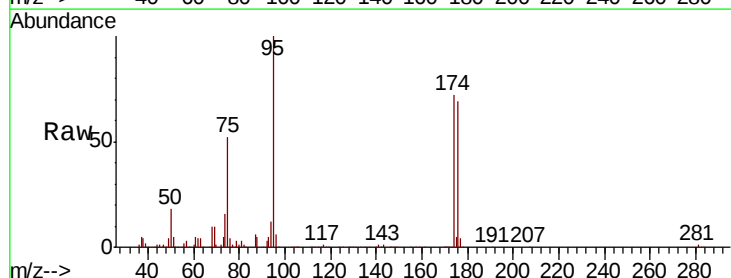
Tgt Ion: 95 Resp: 117724

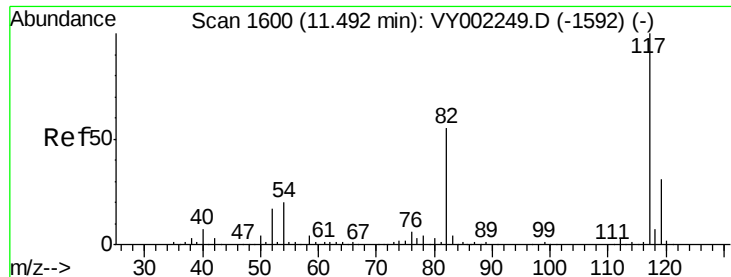
Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.6

176 70.9 0.0 141.4

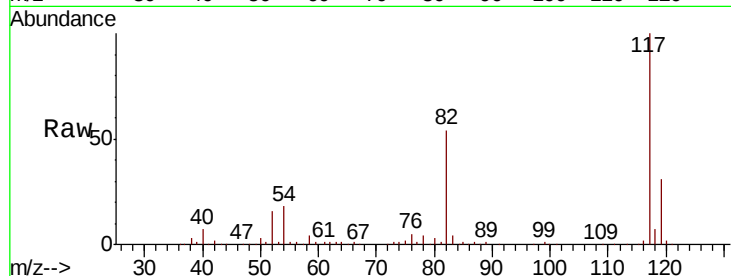




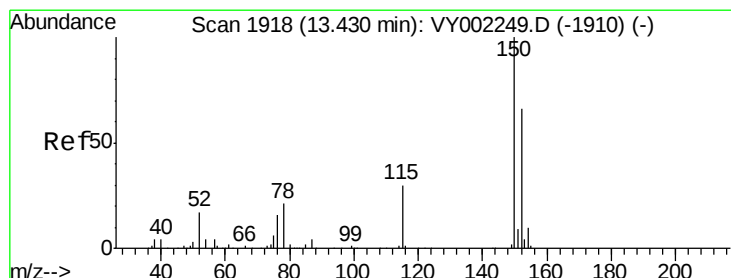
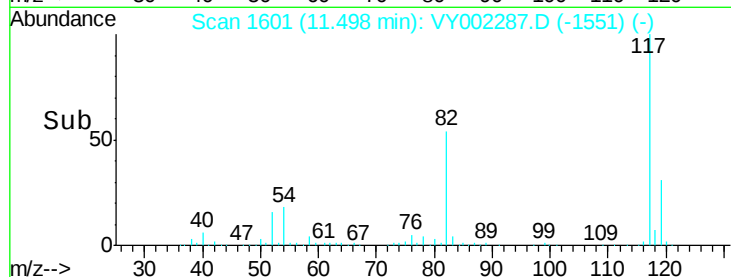
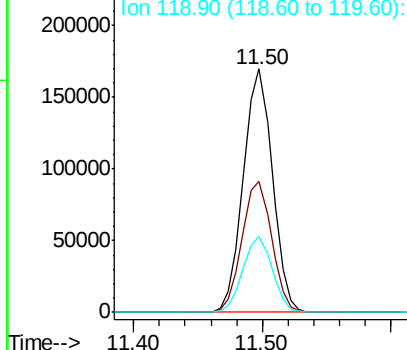
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002287.D
Acq: 13 Apr 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 265238
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 31.0 25.1 37.7

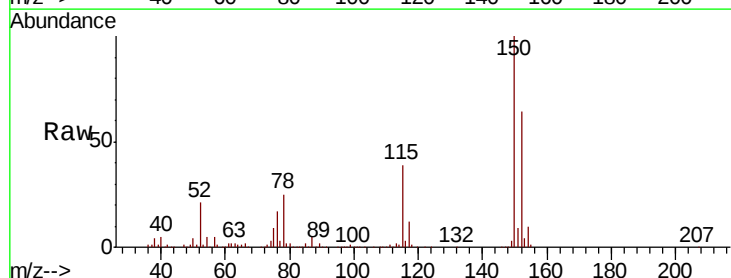


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

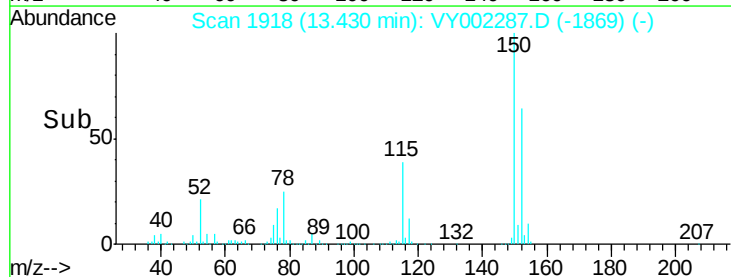
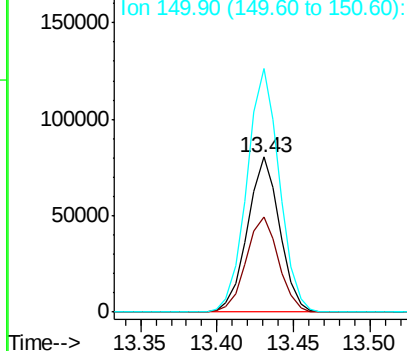


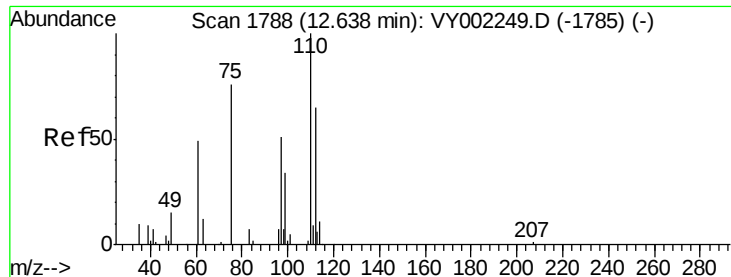
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002287.D
Acq: 13 Apr 2020 17:53

Tgt Ion:152 Resp: 118207
Ion Ratio Lower Upper
152 100
115 61.6 30.7 92.1
150 157.6 0.0 350.6



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: 42.746 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

Instrument :

MSVOA_Y

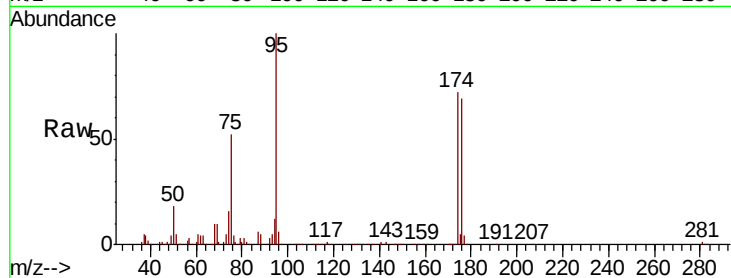
ClientSampleId :

Tot Ion: 75 Resp: 58675

Ion Ratio Lower Upper

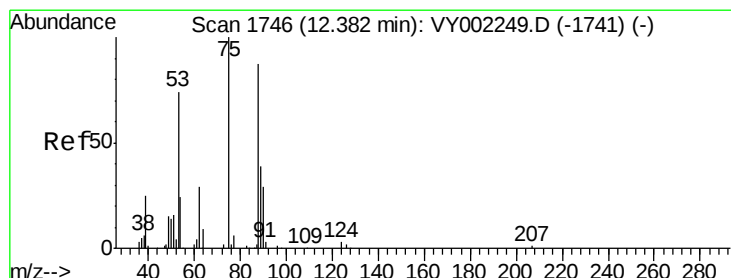
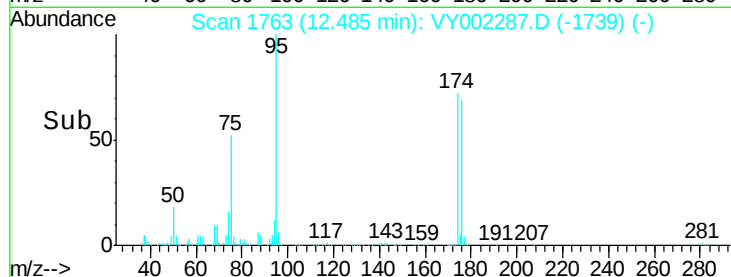
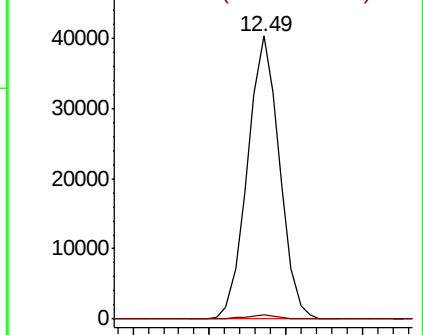
75 100

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: 83.140 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002287.D

Acq: 13 Apr 2020 17:53

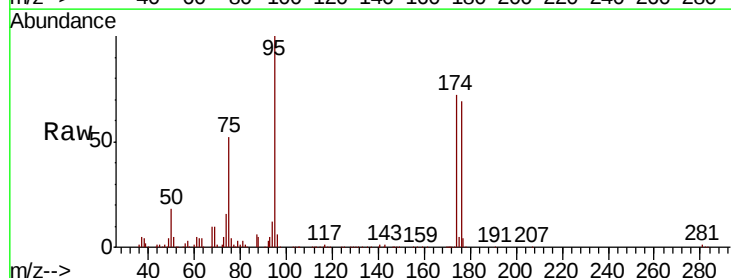
Tgt Ion: 75 Resp: 58675

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

