

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001559.D
 Acq On : 07 Feb 2020 17:09
 Operator : SY/MD
 Sample : L1403-01RE
 Misc : 10.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:27:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

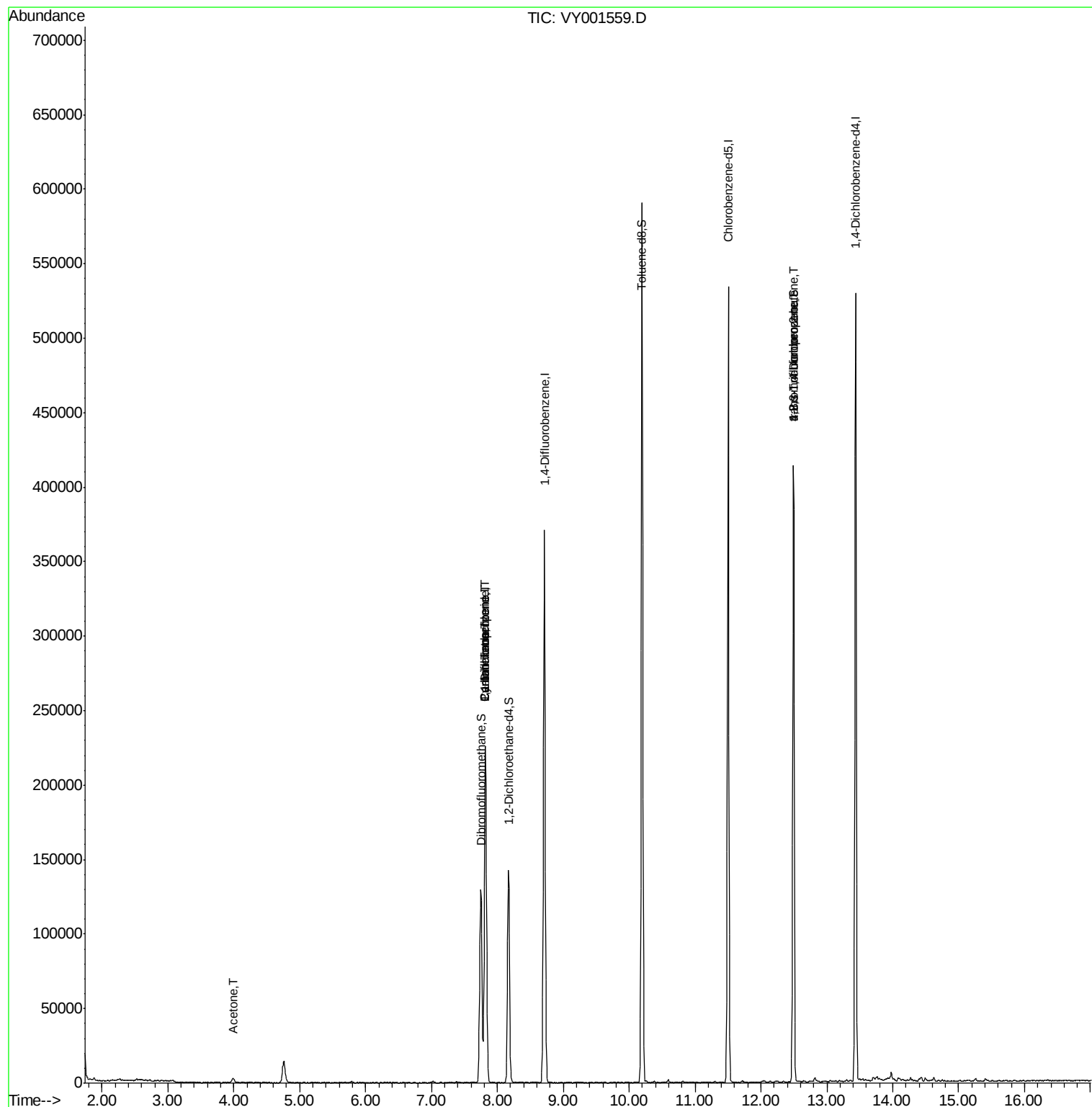
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	178298	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	315079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	105438	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
35) Dibromofluoromethane	7.75	113	93422	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.19	98	375400	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.49	95	134136	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds				Qvalue		
16) Acetone	3.99	43	5572	10.730	ug/l #	78
31) Cyclohexane	7.82	56	3707	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14141	4.906	ug/l #	48
38) Carbon Tetrachloride	7.82	117	17143	6.147	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	66343	46.594	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66343	90.158	ug/l #	16

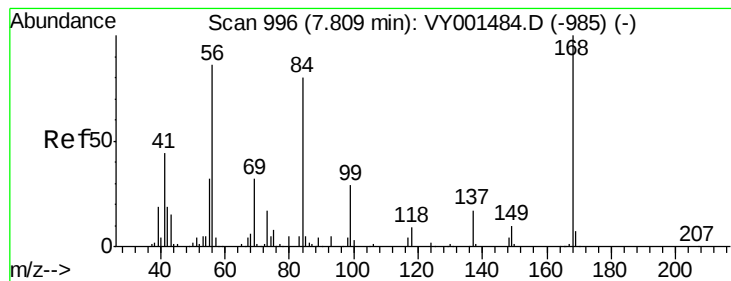
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001559.D
Acq On : 07 Feb 2020 17:09
Operator : SY/MD
Sample : L1403-01RE
Misc : 10.23G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 08 01:27:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

Instrument :

MSVOA_Y

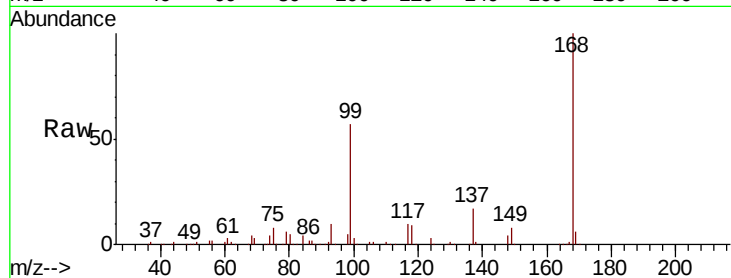
ClientSampleId :

Tot Ion:168 Resp: 178298

Ion Ratio Lower Upper

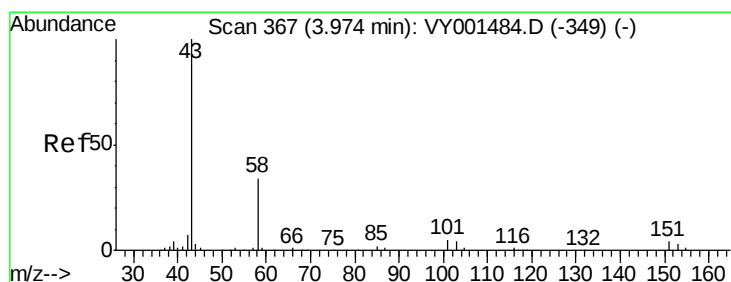
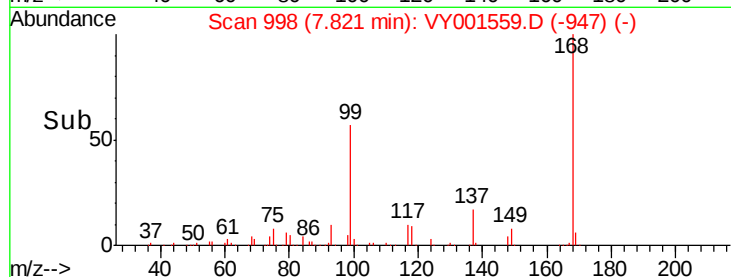
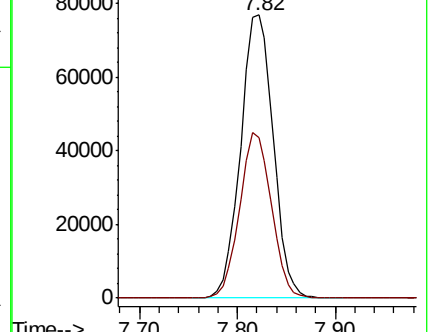
168 100

99 56.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#16

Acetone

Concen: 10.730 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001559.D

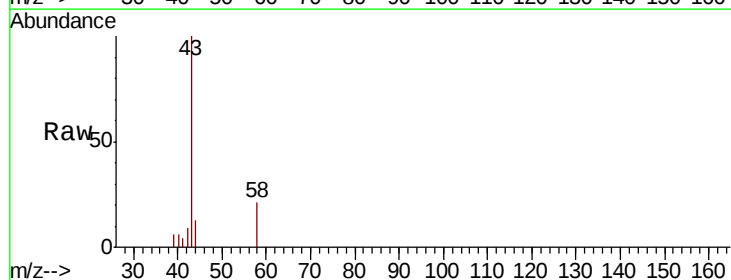
Acq: 07 Feb 2020 17:09

Tgt Ion: 43 Resp: 5572

Ion Ratio Lower Upper

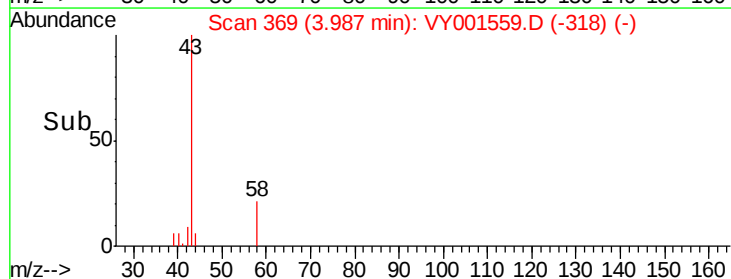
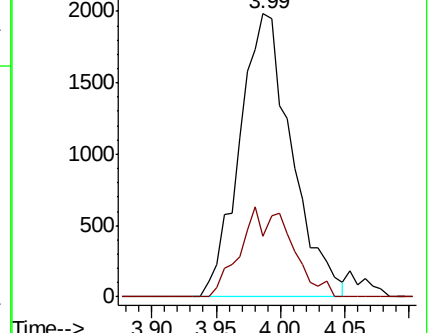
43 100

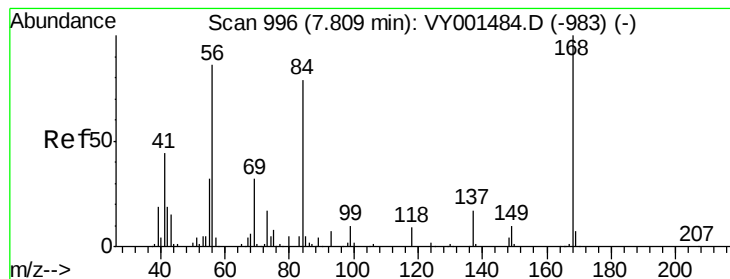
58 21.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)





#31

Cyclohexane

Concen: 1.060 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

Instrument :

MSVOA_Y

ClientSampleId :

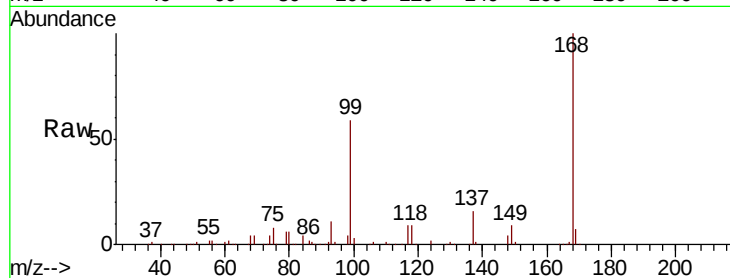
Tot Ion: 56 Resp: 3707

Ion Ratio Lower Upper

56 100

69 178.2 29.6 44.4#

84 159.4 73.6 110.4#

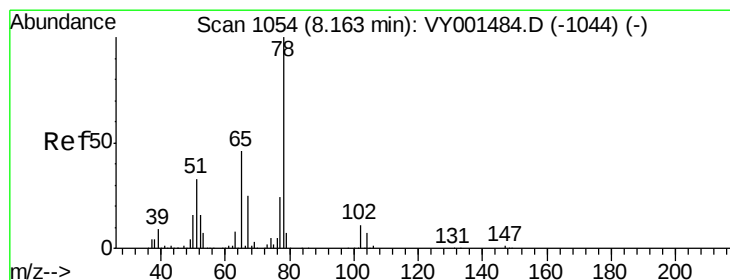
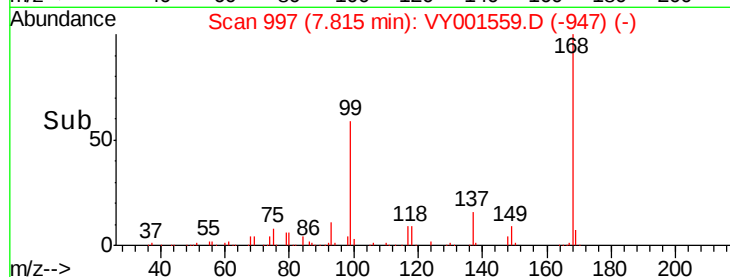
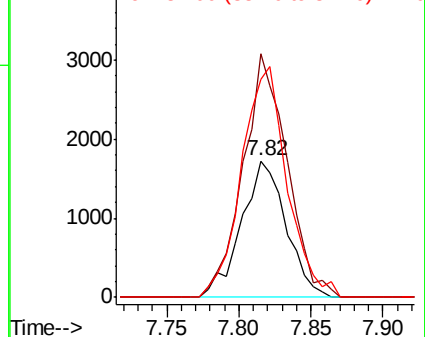


Abundance

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: 58.733 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001559.D

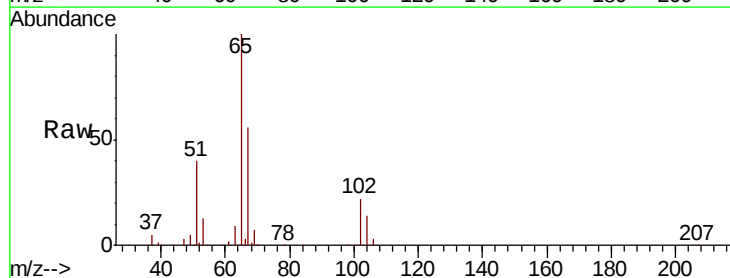
Acq: 07 Feb 2020 17:09

Tgt Ion: 65 Resp: 105438

Ion Ratio Lower Upper

65 100

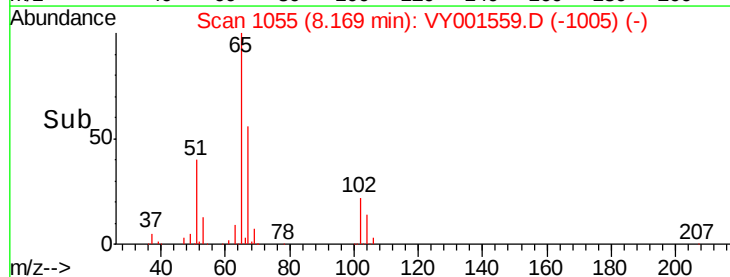
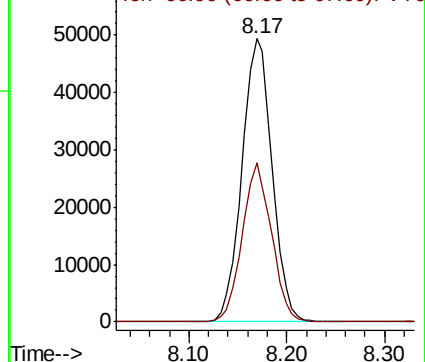
67 54.5 0.0 108.6

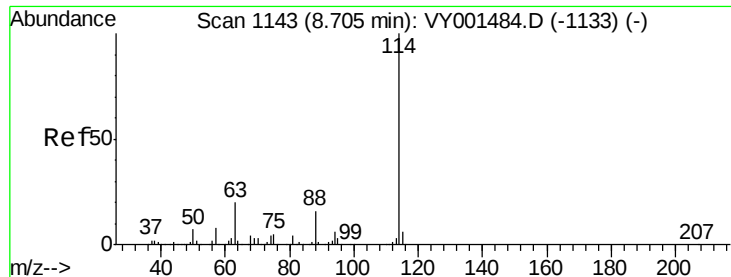


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

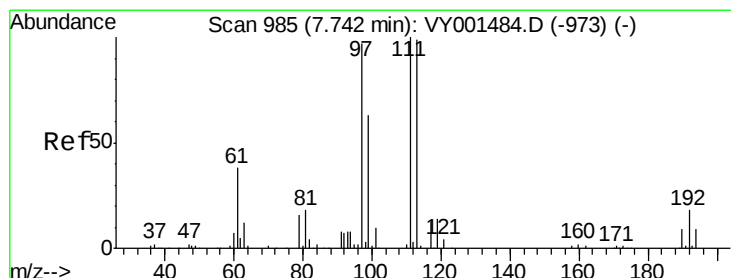
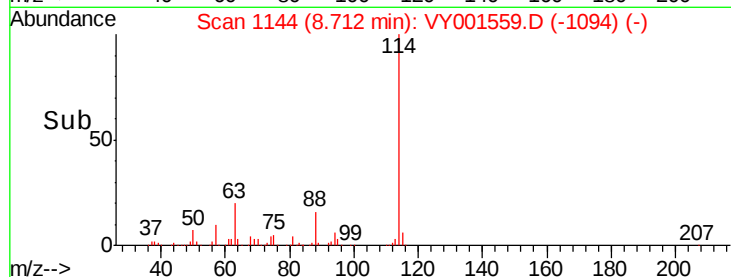
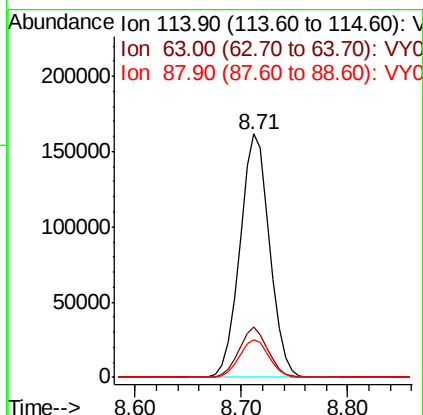
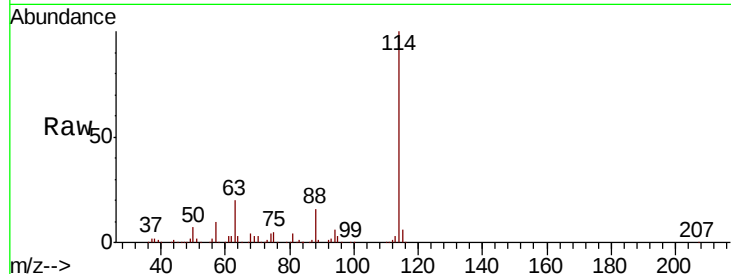




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001559.D
 Acq: 07 Feb 2020 17:09

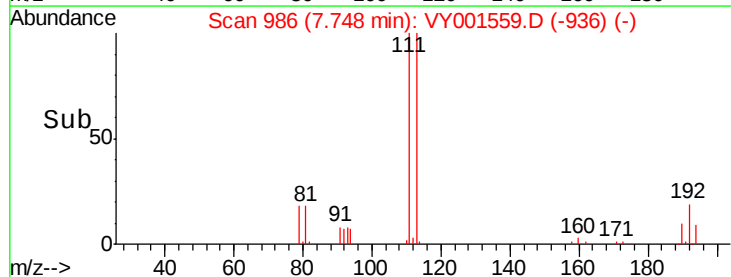
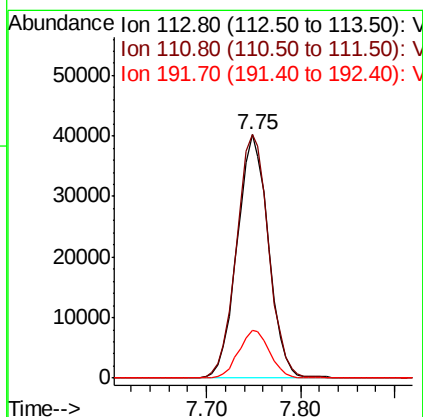
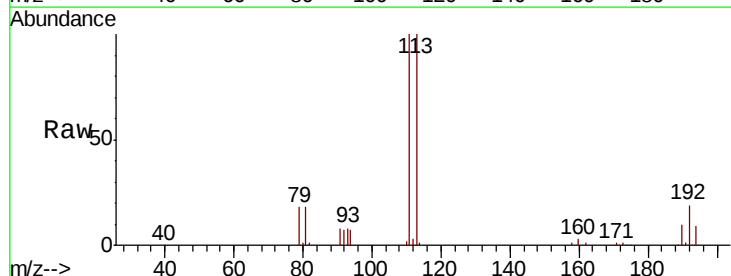
Instrument :
 MSVOA_Y
 ClientSampleId :

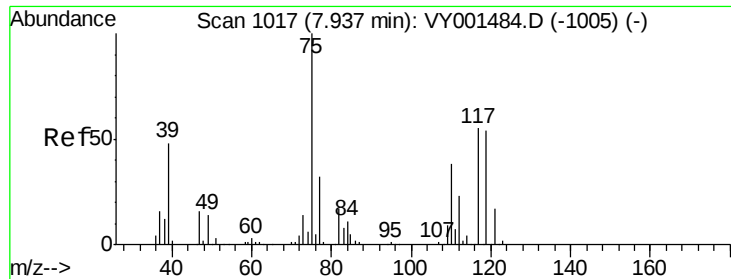
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.418 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001559.D
 Acq: 07 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.5	14.6	22.0

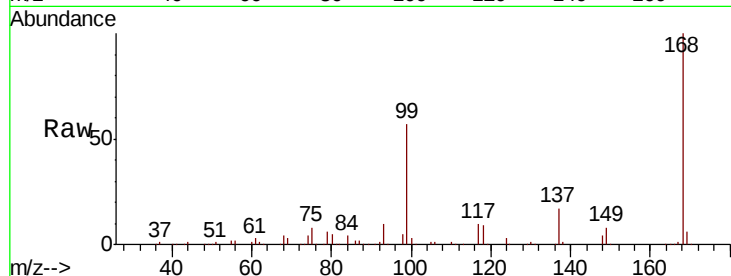




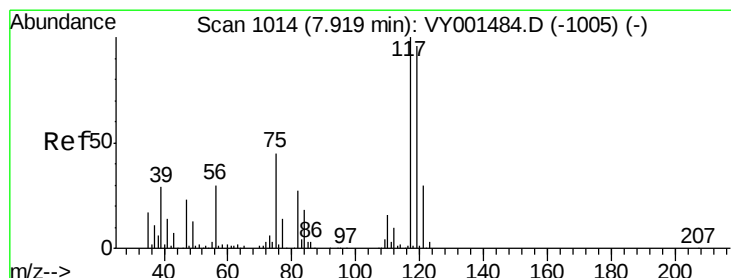
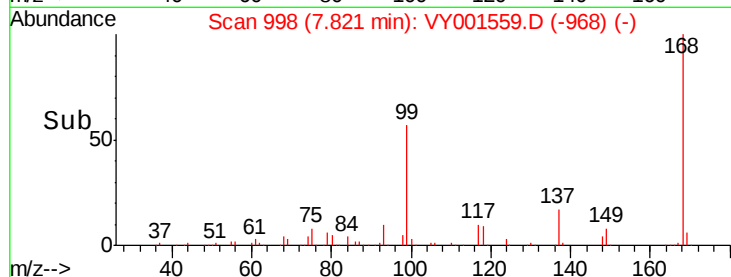
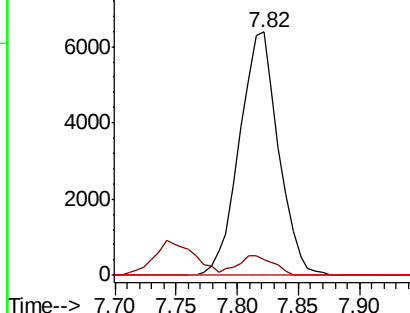
#36
 1,1-Dichloropropene
 Concen: 4.906 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001559.D
 Acq: 07 Feb 2020 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.2	54.6#
77	0.0	25.0	37.4#

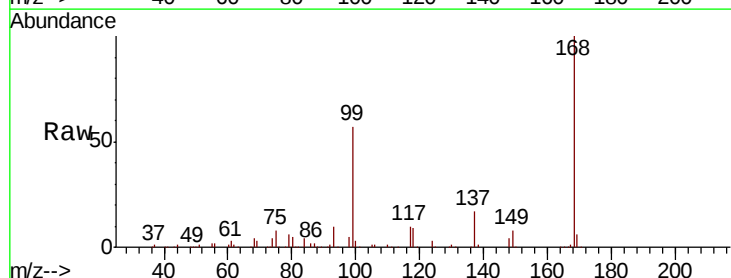


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

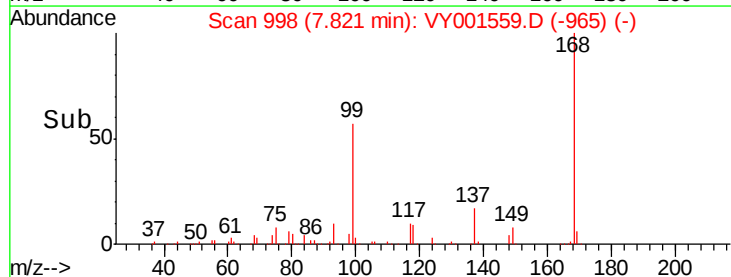
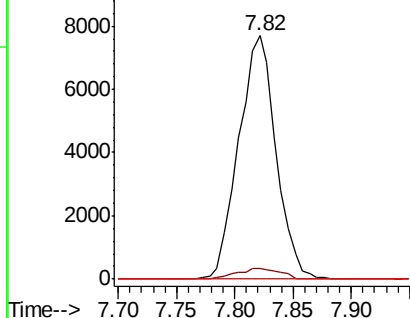


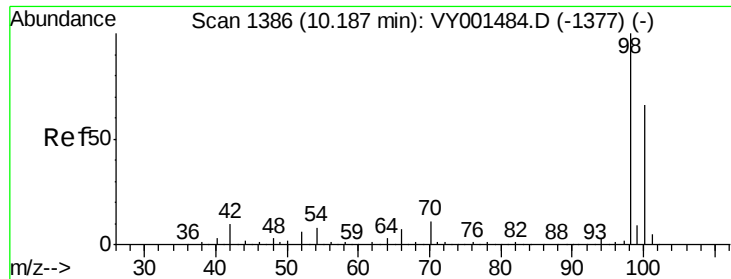
#38
 Carbon Tetrachloride
 Concen: 6.147 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001559.D
 Acq: 07 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.4	114.6#
121	0.0	24.2	36.4#



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: 54.611 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

Instrument :

MSVOA_Y

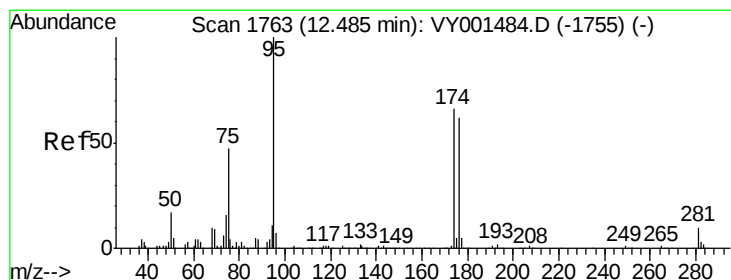
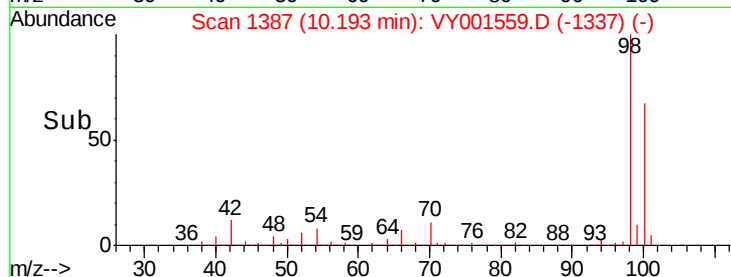
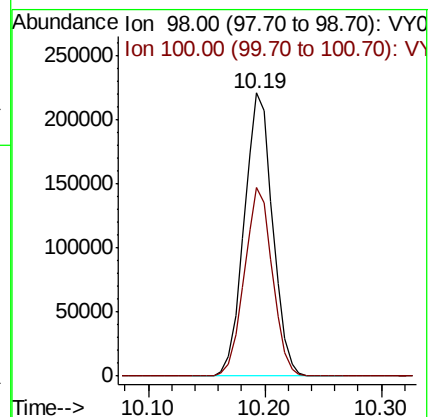
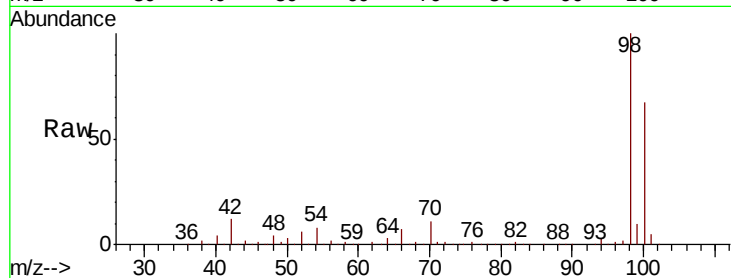
ClientSampleId :

Tot Ion: 98 Resp: 375400

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 49.533 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

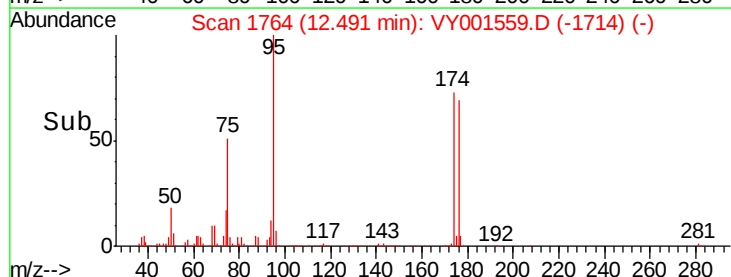
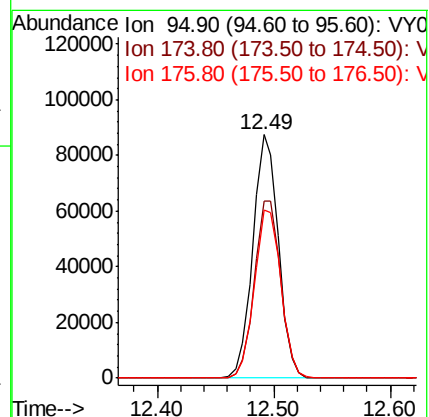
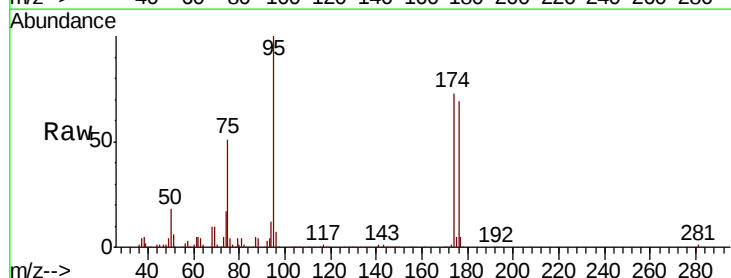
Tgt Ion: 95 Resp: 134136

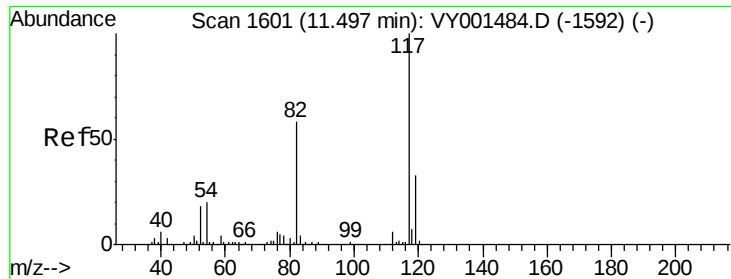
Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 71.7 0.0 135.4

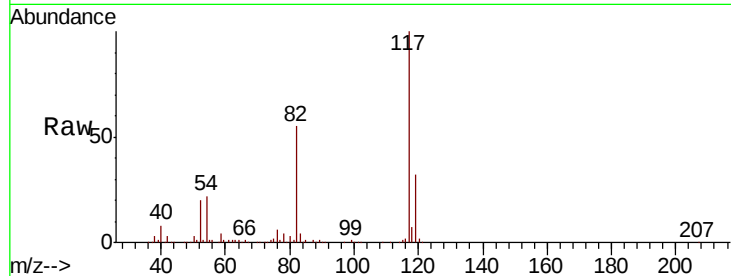




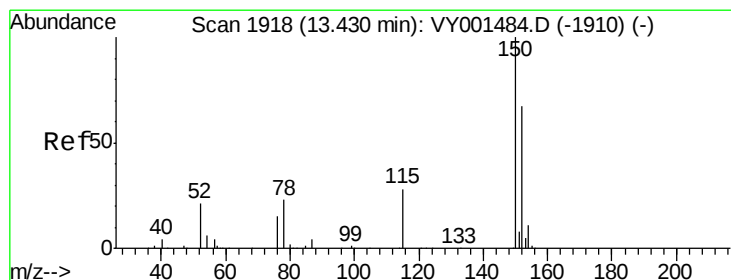
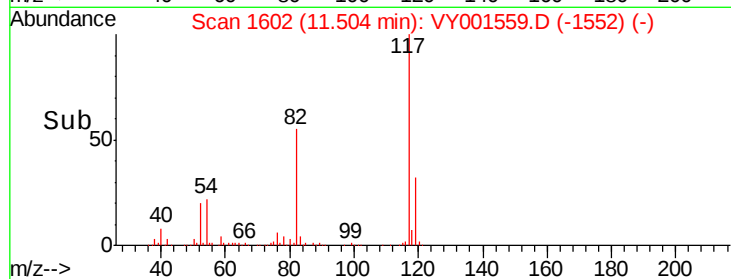
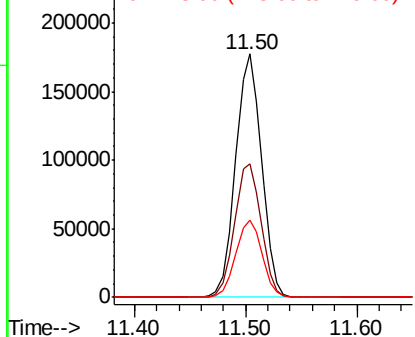
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001559.D
Acq: 07 Feb 2020 17:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 286445
Ion Ratio Lower Upper
117 100
82 54.7 46.1 69.1
119 31.7 26.1 39.1

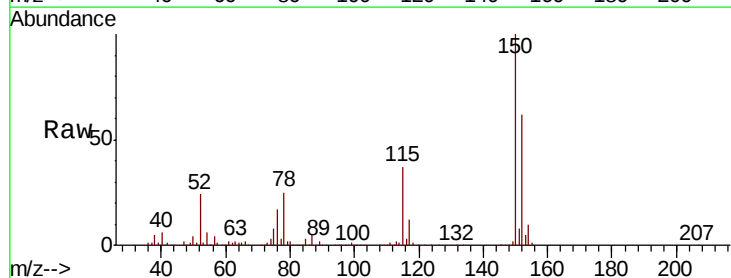


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

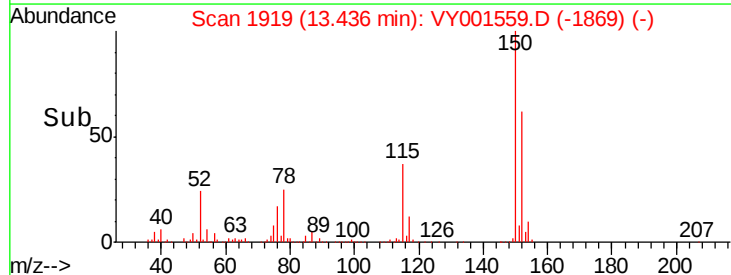
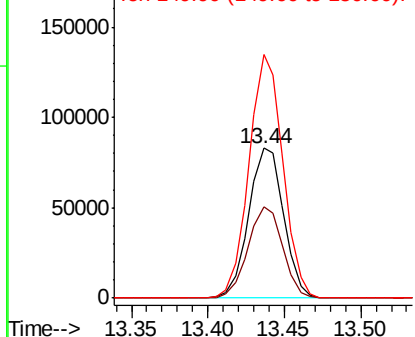


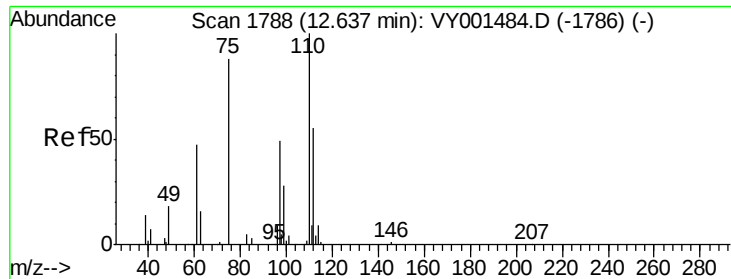
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001559.D
Acq: 07 Feb 2020 17:09

Tgt Ion:152 Resp: 132401
Ion Ratio Lower Upper
152 100
115 60.0 31.4 94.3
150 156.5 0.0 346.8



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: 46.594 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

Instrument :

MSVOA_Y

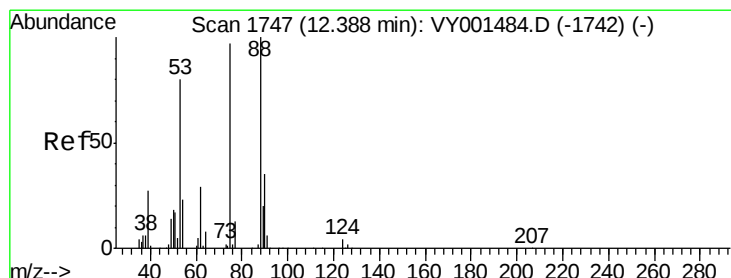
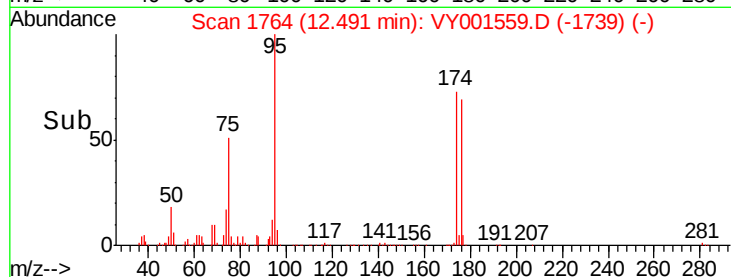
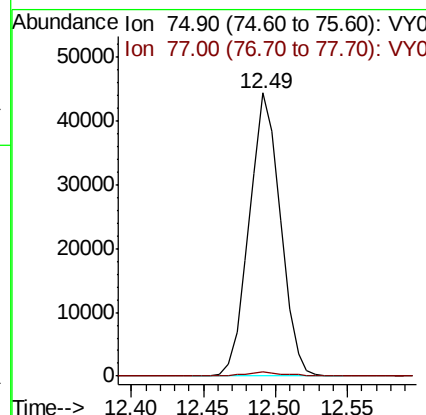
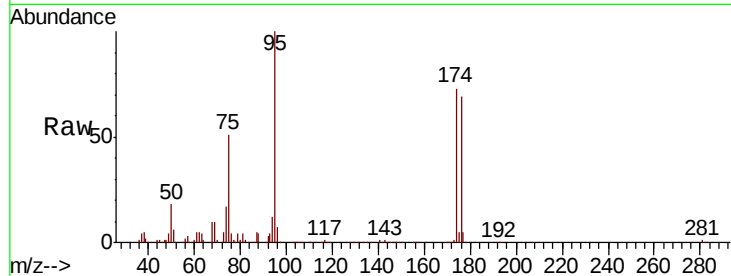
ClientSampleId :

Tot Ion: 75 Resp: 66343

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.158 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001559.D

Acq: 07 Feb 2020 17:09

Tgt Ion: 75 Resp: 66343

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#

