

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002889.D
 Acq On : 11 Jun 2020 15:20
 Operator : SY/MD
 Sample : L2979-01
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15-SP

Quant Time: Jun 11 16:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	425034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	397470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	127944	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	7.72	113	132748	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	10.18	98	502946	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	164499	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

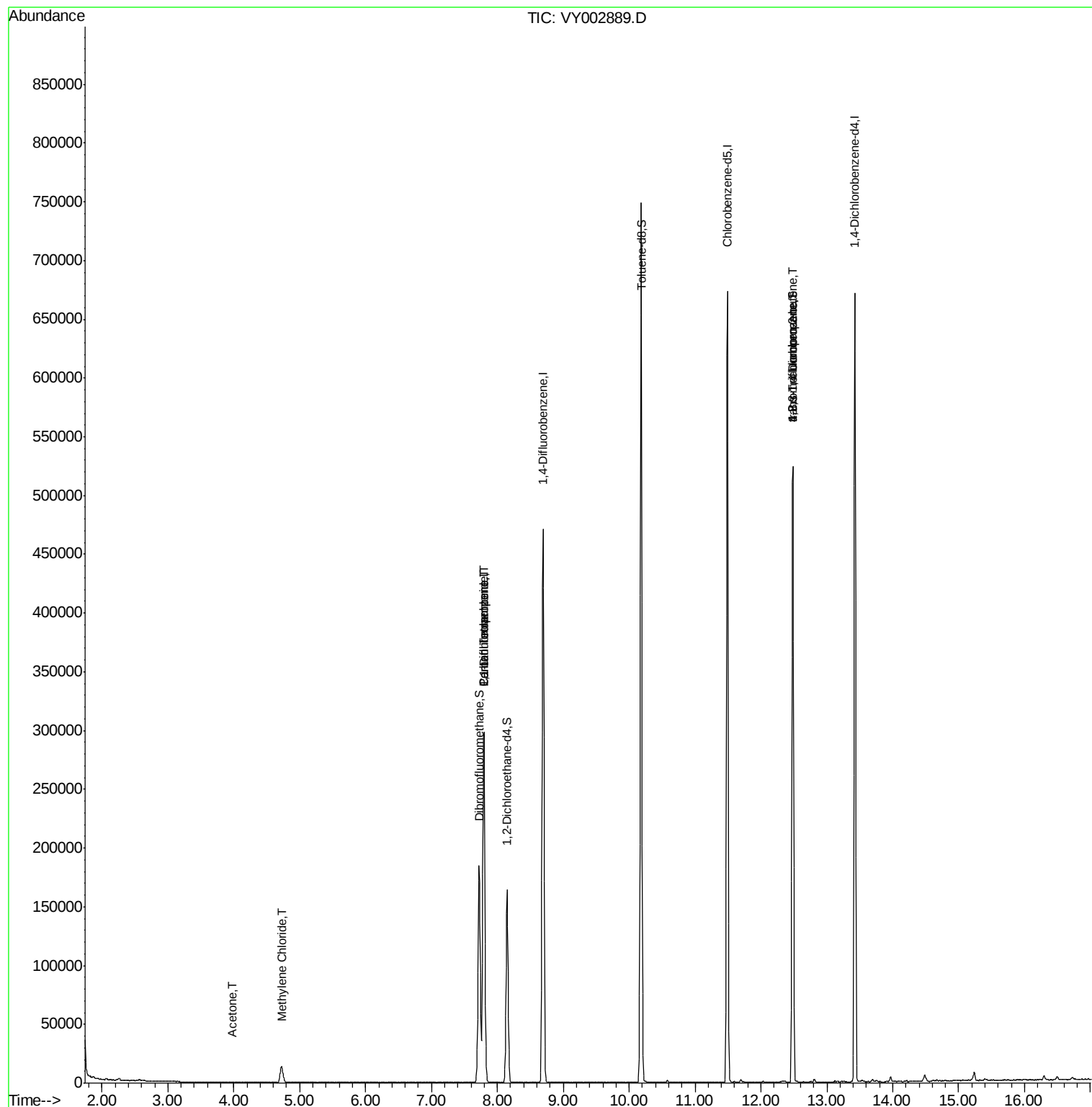
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	840	1.60	ug/l	99
18) Methyl Acetate	4.50	43	620	Below Cal	#	48
20) Methylene Chloride	4.72	84	11120	4.33	ug/l	94
36) 1,1-Dichloropropene	7.79	75	15720	4.39	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	23346	5.87	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	79703	47.39	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	79703	89.28	ug/l	# 17

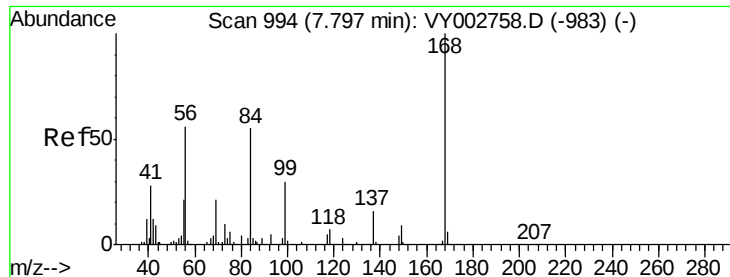
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

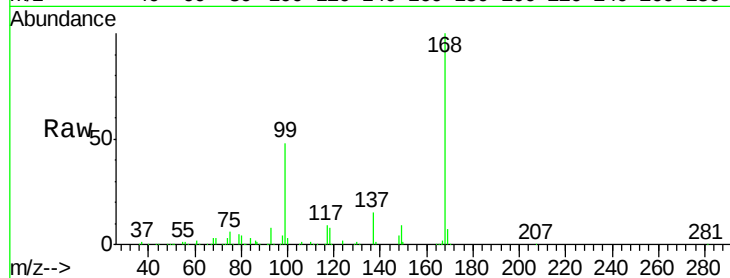
15-SP

Tgt Ion:168 Resp: 258379

Ion Ratio Lower Upper

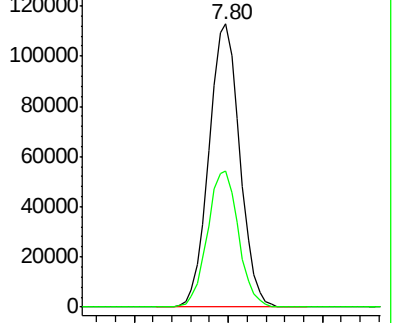
168 100

99 48.3 39.0 58.4

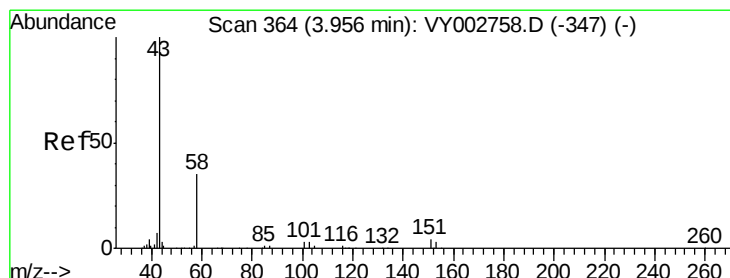
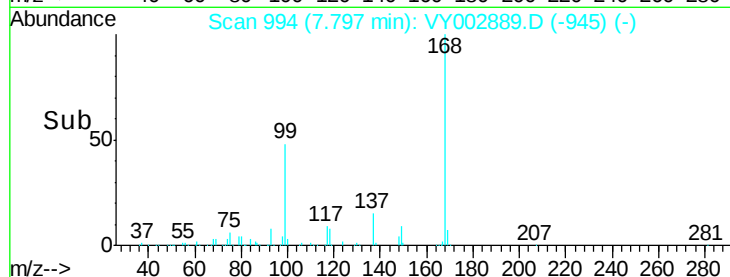


Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



Time-->



#16

Acetone

Concen: 1.60 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002889.D

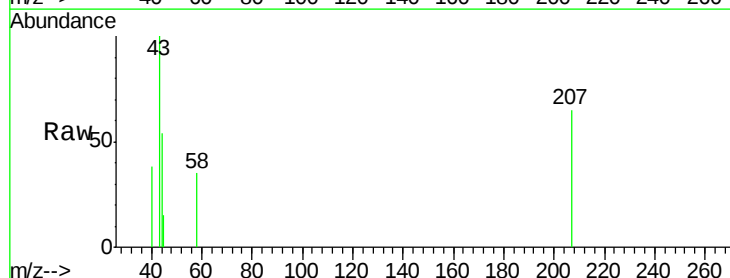
Acq: 11 Jun 2020 15:20

Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

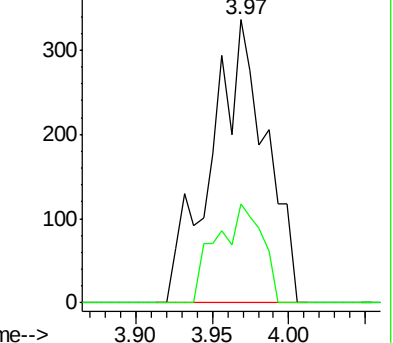
43 100

58 35.1 27.7 41.5

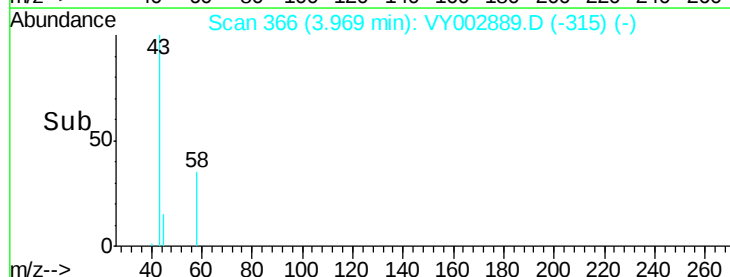


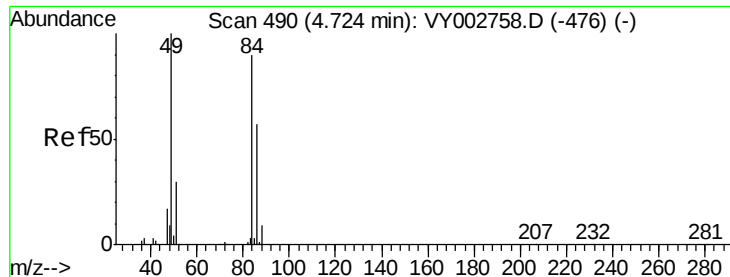
Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)



Time-->

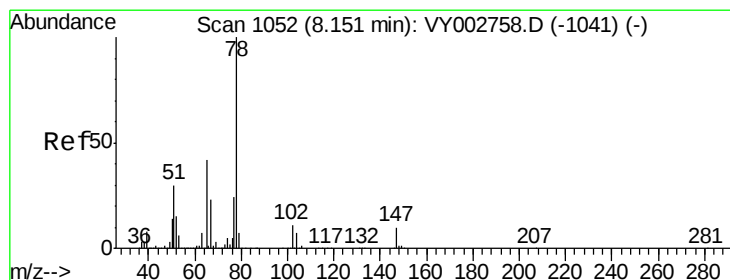
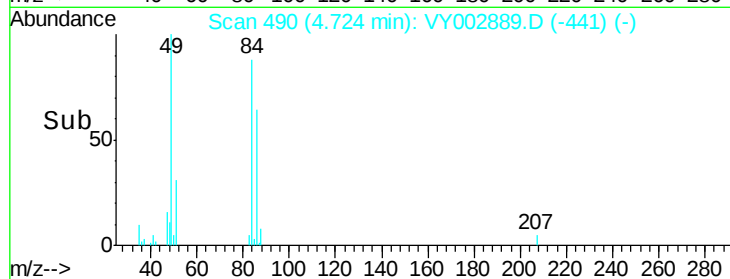
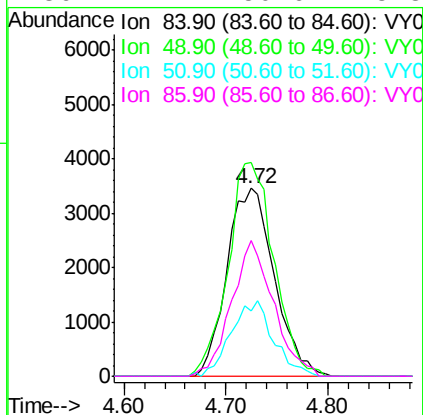
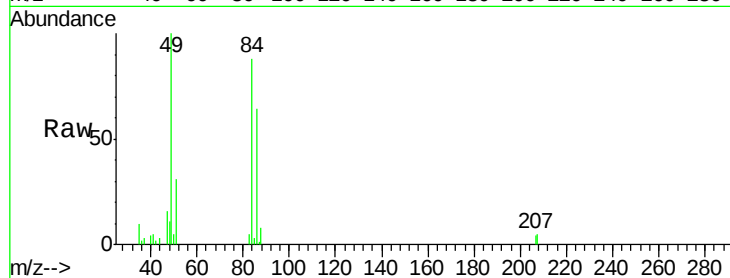




#20
Methylene Chloride
Concen: 4.33 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002889.D
Acq: 11 Jun 2020 15:20

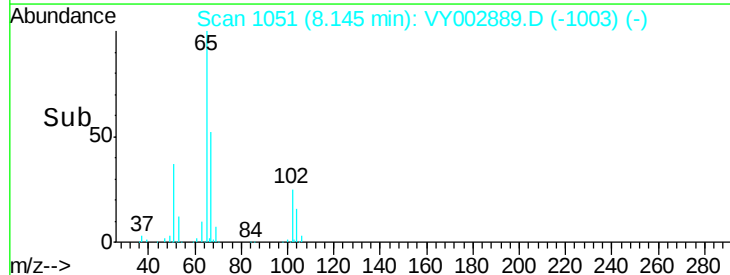
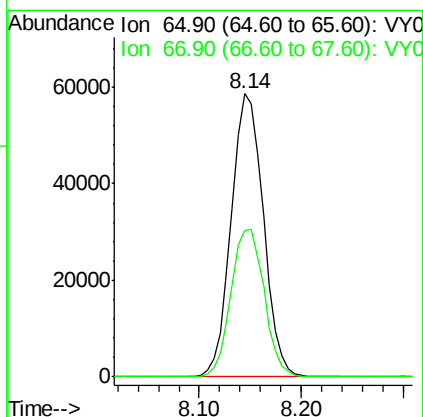
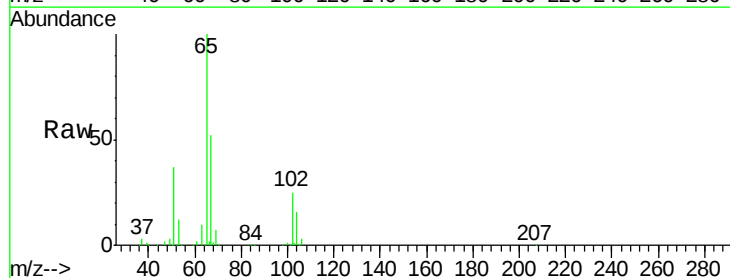
Instrument :
MSVOA_Y
ClientSampled :
15-SP

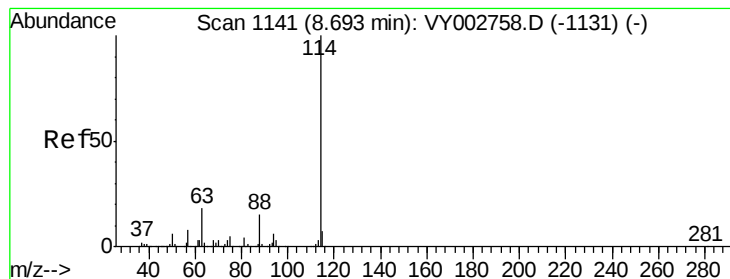
Tgt Ion: 84 Resp: 11120
Ion Ratio Lower Upper
84 100
49 113.9 88.5 132.7
51 34.9 26.8 40.2
86 72.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 57.03 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002889.D
Acq: 11 Jun 2020 15:20

Tgt Ion: 65 Resp: 127944
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

15-SP

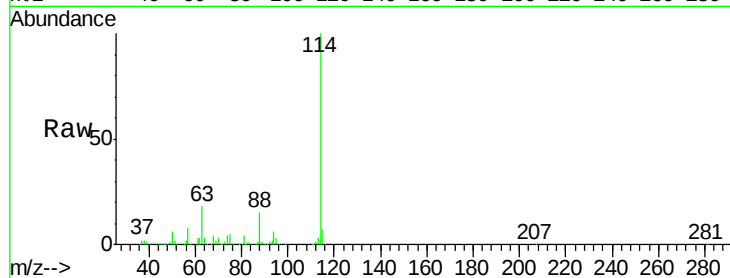
Tgt Ion:114 Resp: 425034

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

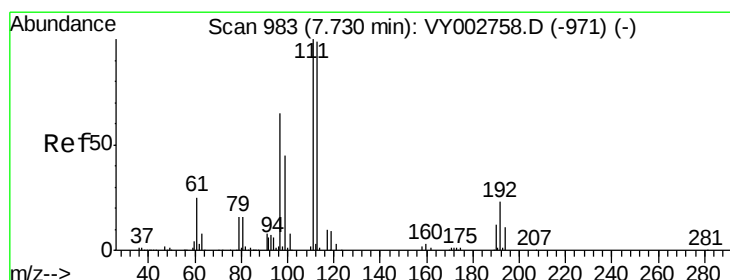
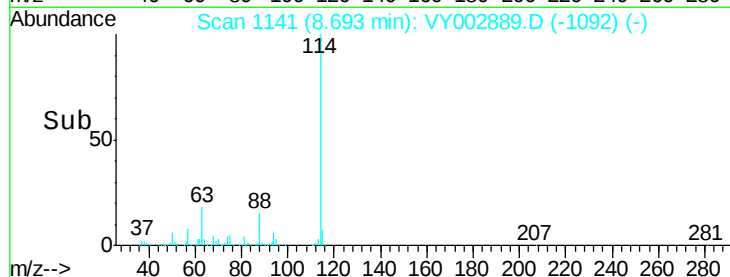
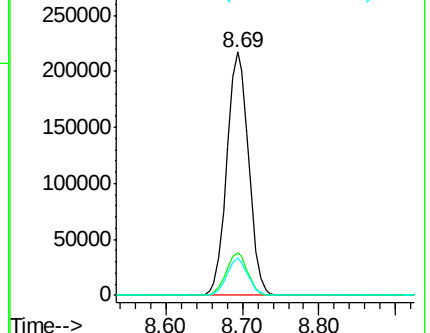
88 15.2 0.0 29.2



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: 53.29 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

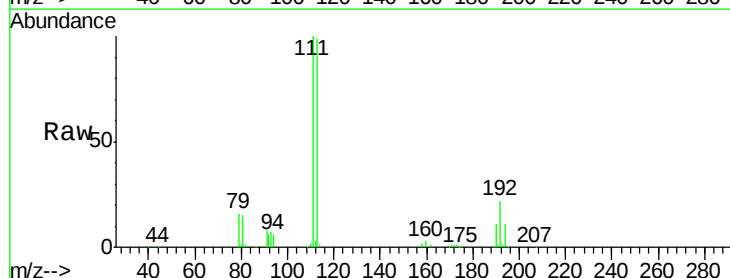
Tgt Ion:113 Resp: 132748

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

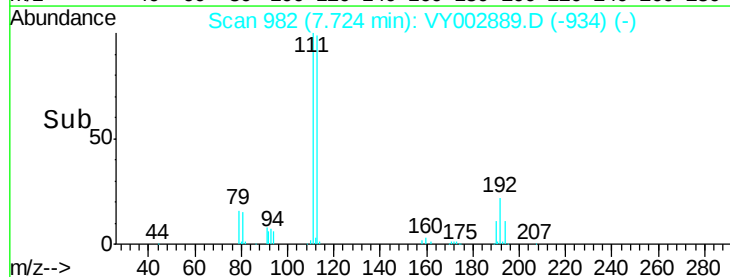
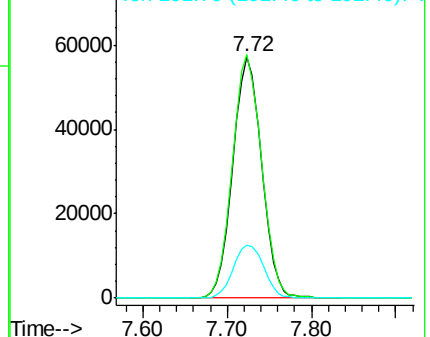
192 23.3 18.9 28.3

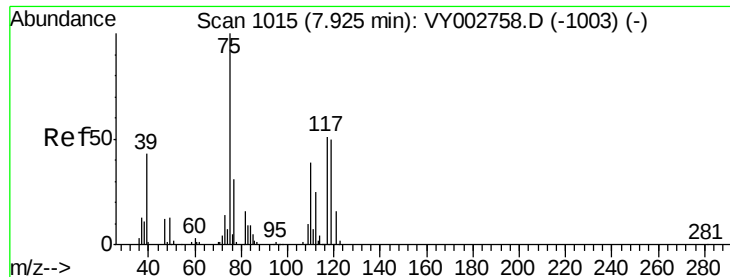


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

15-SP

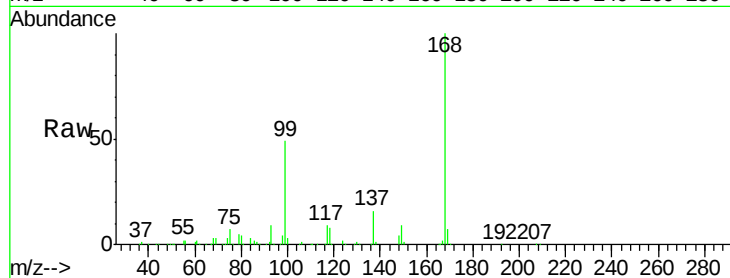
Tgt Ion: 75 Resp: 15720

Ion Ratio Lower Upper

75 100

110 9.9 19.3 57.9#

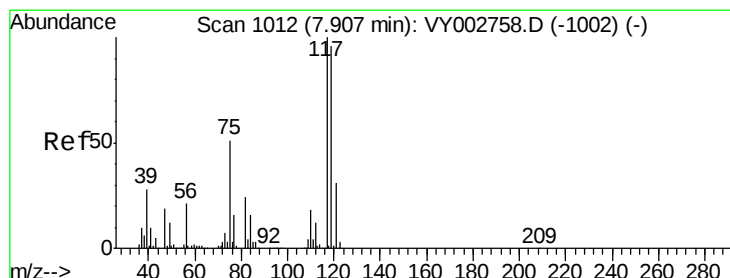
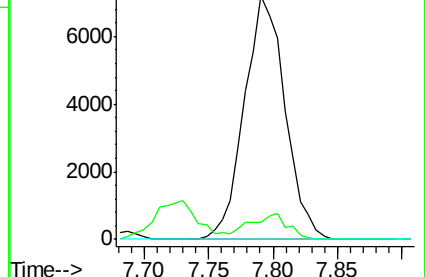
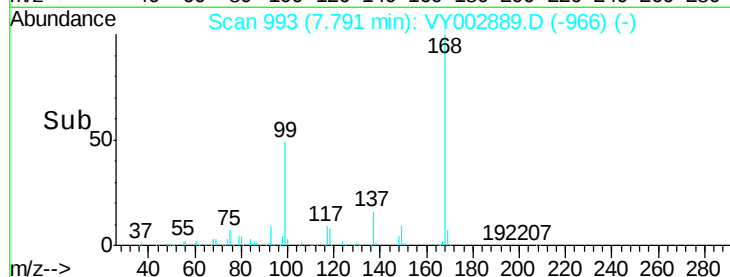
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY002889.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002889.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002889.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.87 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

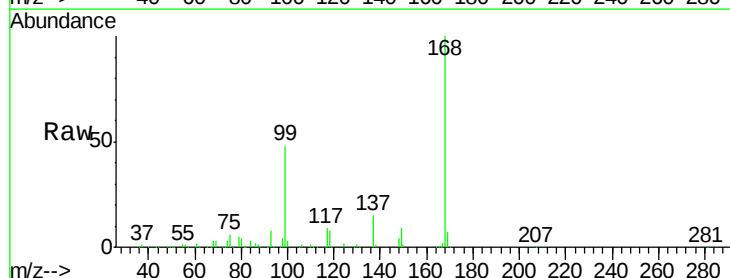
Tgt Ion: 117 Resp: 23346

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

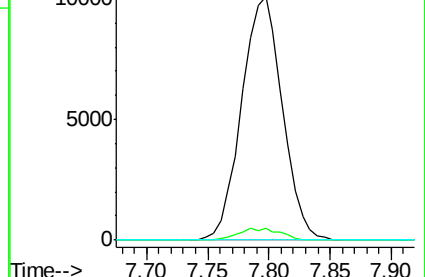
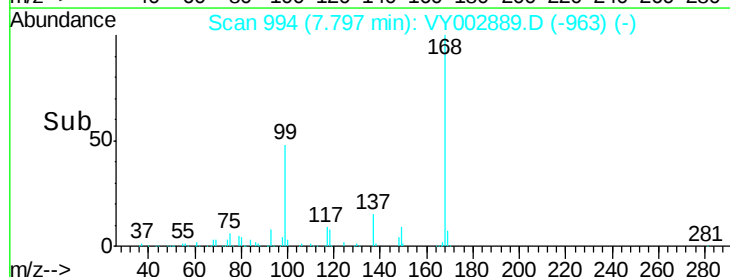
121 0.0 24.8 37.2#

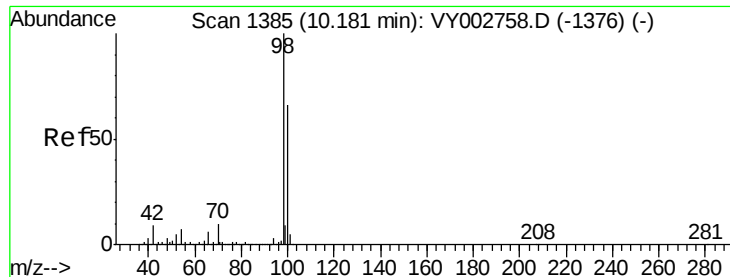


Abundance Ion 116.80 (116.50 to 117.50): VY002889.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002889.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002889.D (-963) (-)





#50

Toluene-d8

Concen: 49.94 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

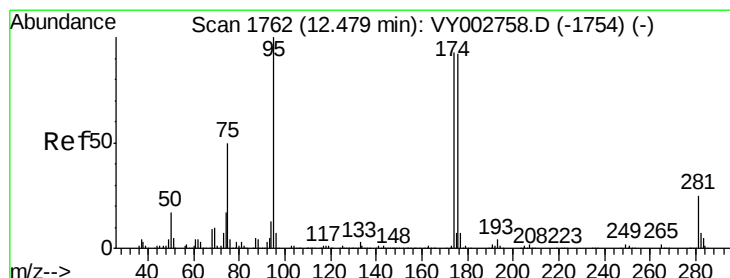
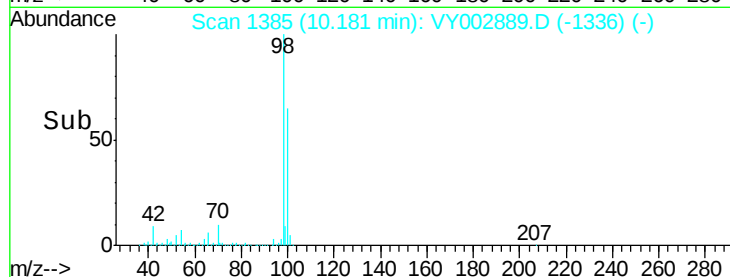
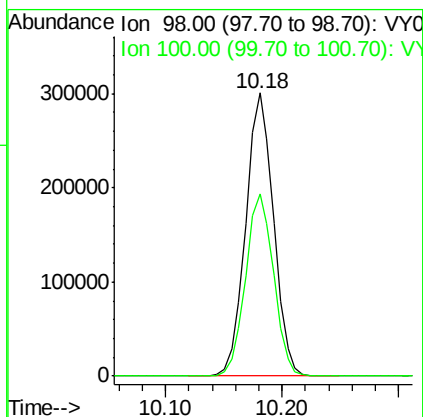
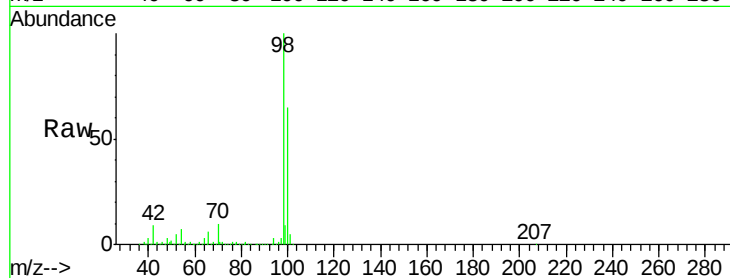
15-SP

Tgt Ion: 98 Resp: 502946

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.79 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

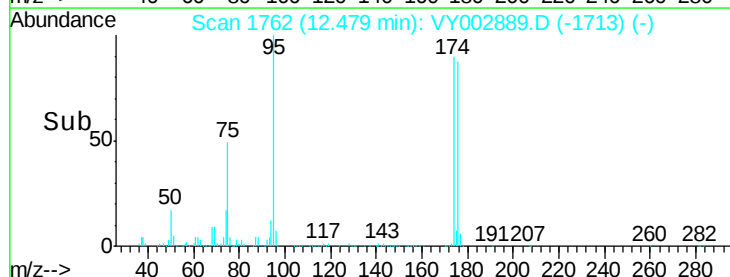
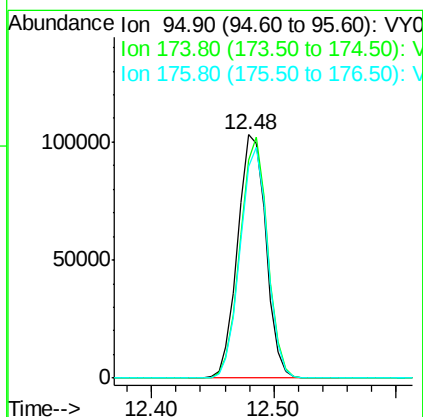
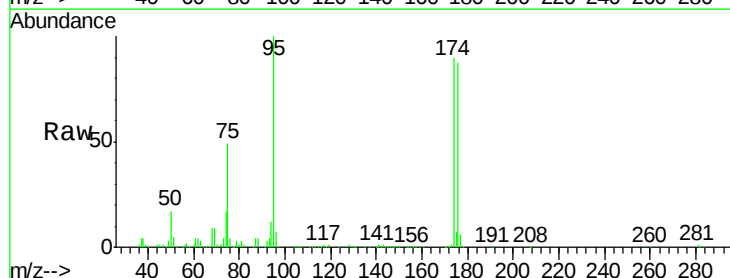
Tgt Ion: 95 Resp: 164499

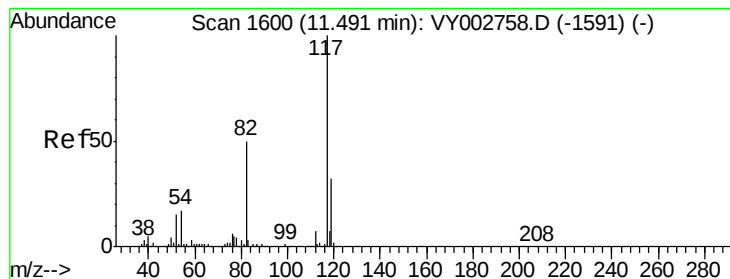
Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.2

176 92.5 0.0 188.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

15-SP

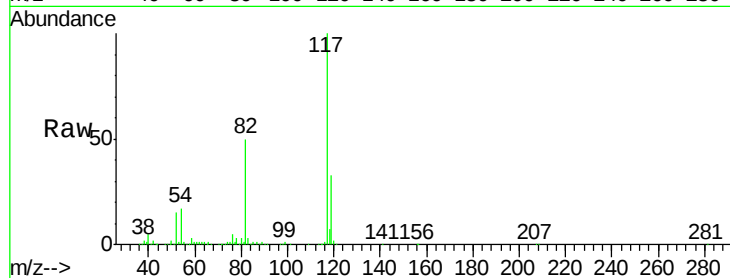
Tgt Ion:117 Resp: 397470

Ion Ratio Lower Upper

117 100

82 49.9 40.2 60.4

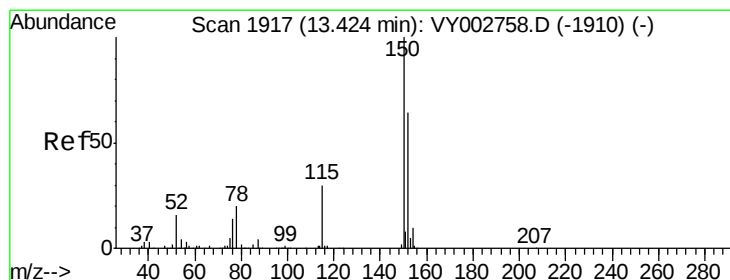
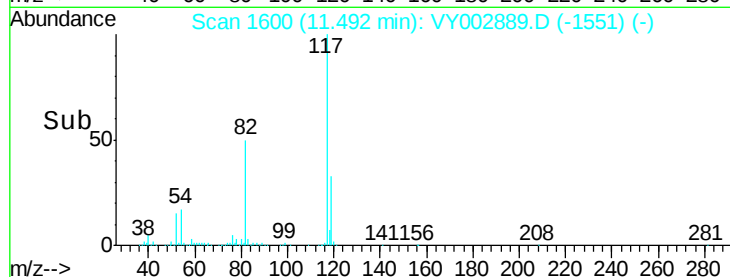
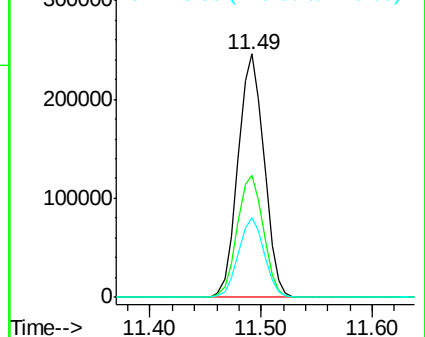
119 32.9 25.8 38.8



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: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002889.D

Acq: 11 Jun 2020 15:20

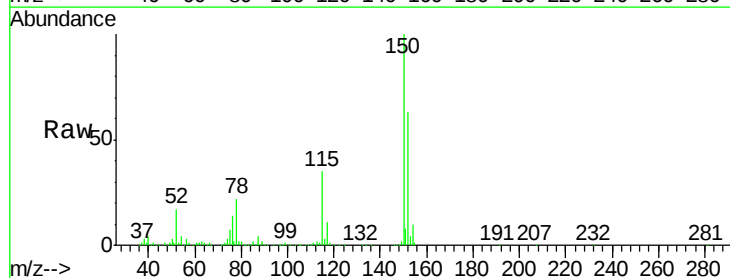
Tgt Ion:152 Resp: 186651

Ion Ratio Lower Upper

152 100

115 54.8 27.0 81.0

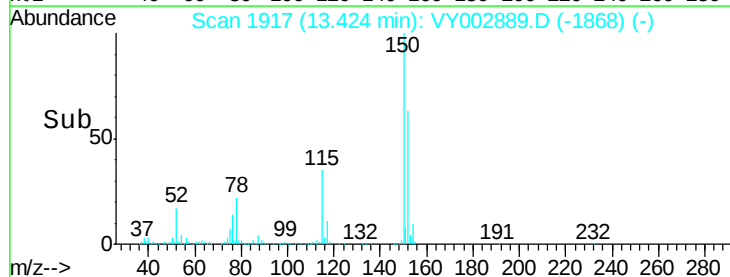
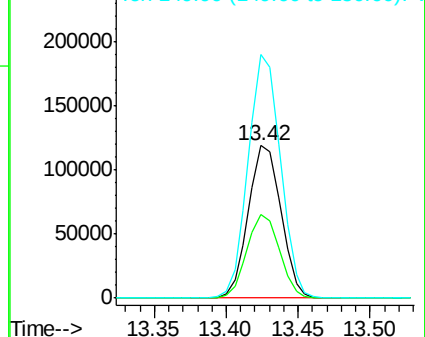
150 157.9 0.0 344.8

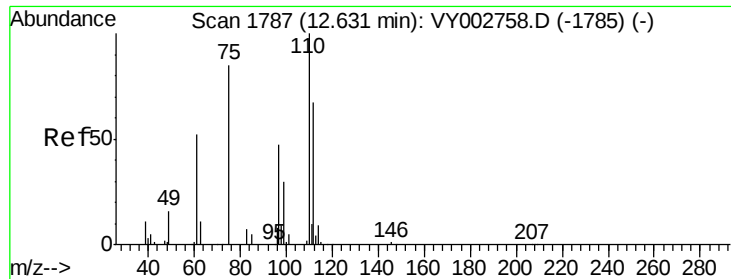


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

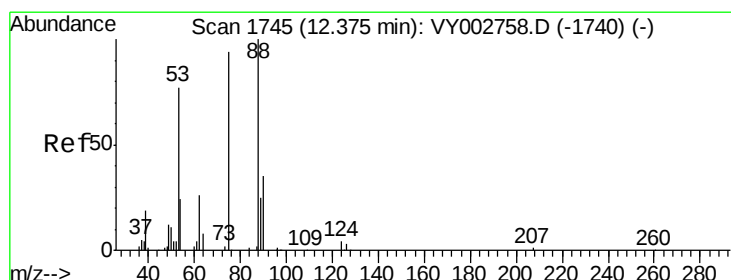
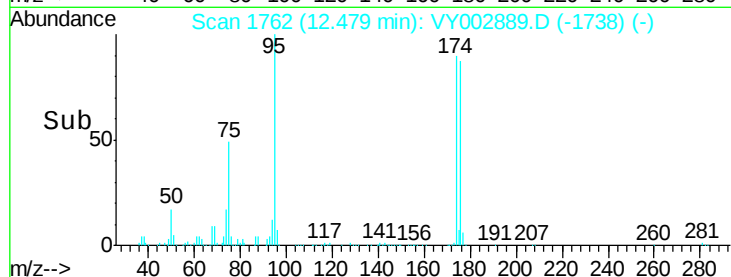
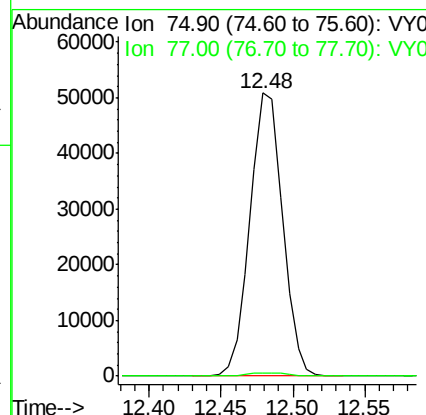
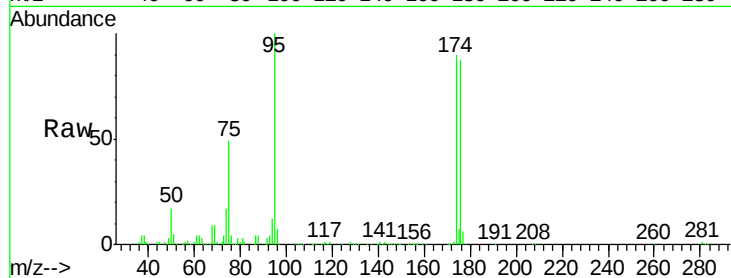




#76
 1,2,3-Trichloropropane
 Concen: 47.39 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002889.D
 Acq: 11 Jun 2020 15:20

Instrument :
 MSVOA_Y
 ClientSampled :
 15-SP

Tgt Ion: 75 Resp: 79703
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.28 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002889.D
 Acq: 11 Jun 2020 15:20

Tgt Ion: 75 Resp: 79703
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.0 96.0#
 89 0.0 37.4 56.2#

