

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002295.D
 Acq On : 13 Apr 2020 20:52
 Operator : SY/MD
 Sample : L2224-02
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:53:09 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

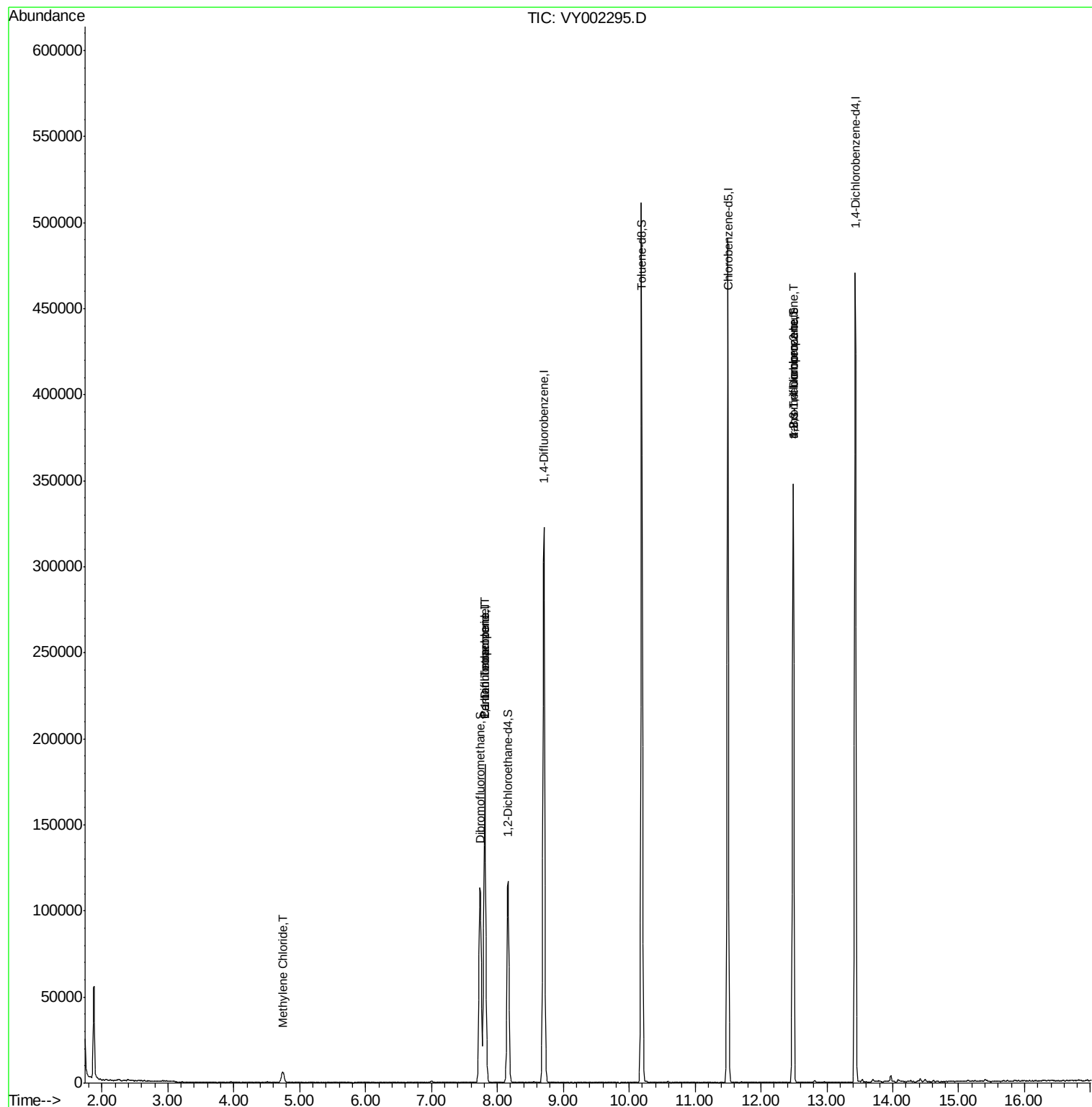
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	141789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85489	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.74	113	84442	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.19	98	341852	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.49	95	116148	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	19	Below Cal	#	77
20) Methylene Chloride	4.74	84	4925	2.413	ug/l	95
36) 1,1-Dichloropropene	7.81	75	11609	4.155	ug/l #	49
38) Carbon Tetrachloride	7.81	117	14270	5.971	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	56565	41.063	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56565	79.866	ug/l #	19

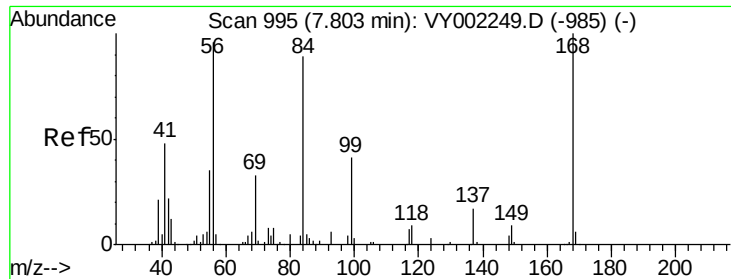
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
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: VY002295.D

Acq: 13 Apr 2020 20:52

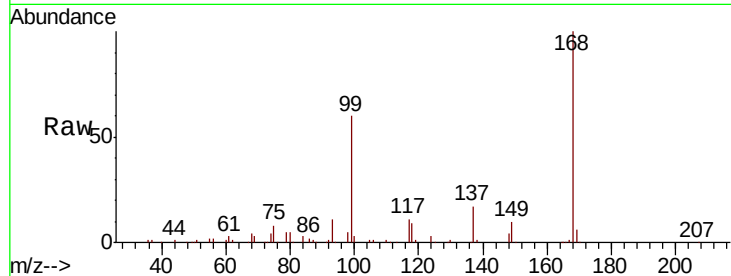
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 141789

Ion Ratio Lower Upper

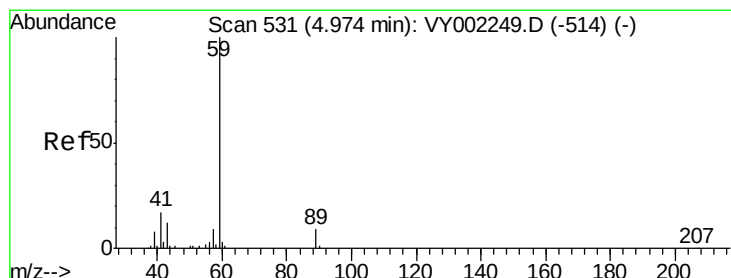
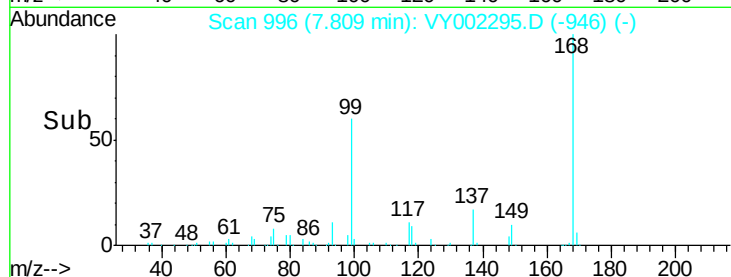
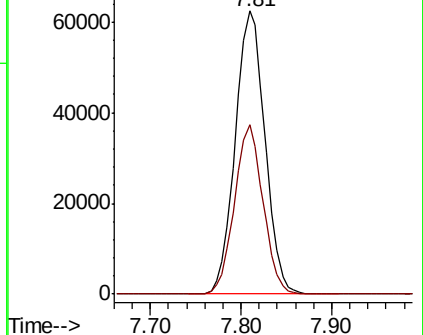
168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 536

Delta R.T. 0.03 min

Lab File: VY002295.D

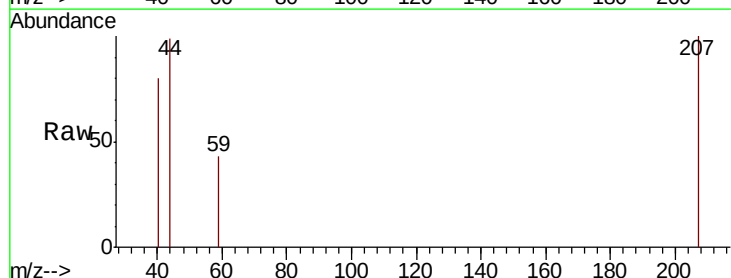
Acq: 13 Apr 2020 20:52

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

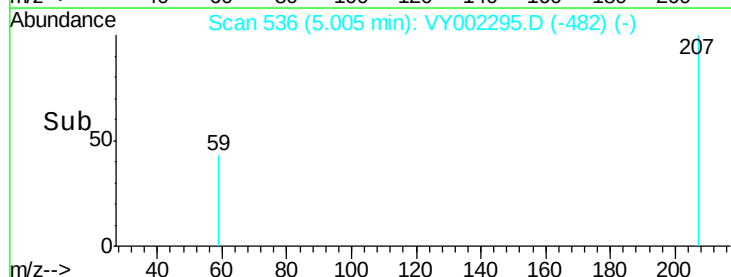
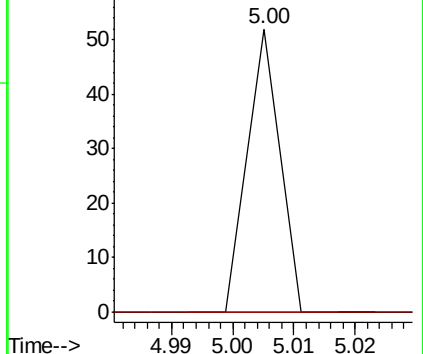
59 100

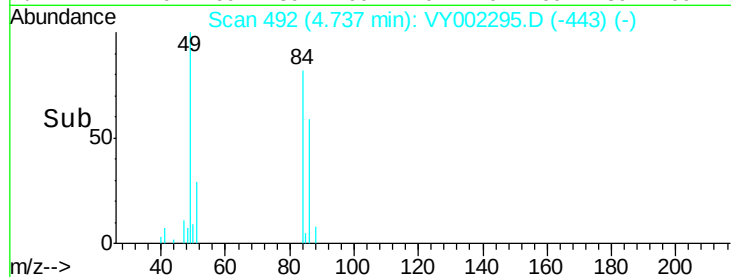
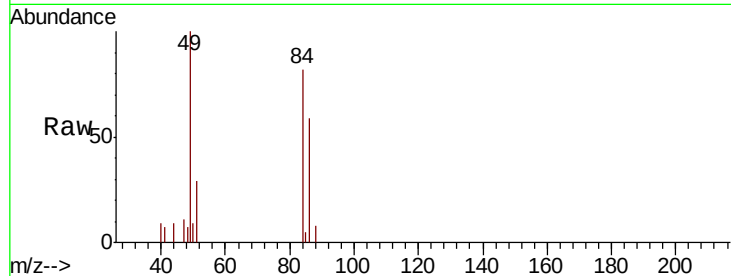
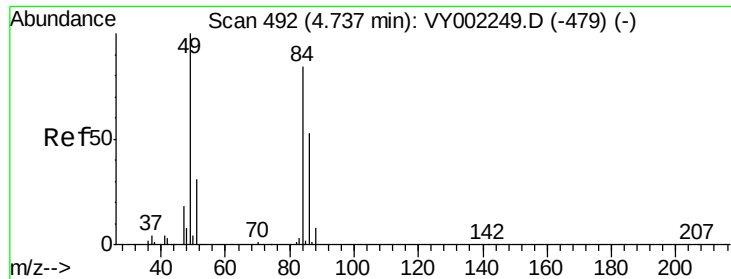
57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

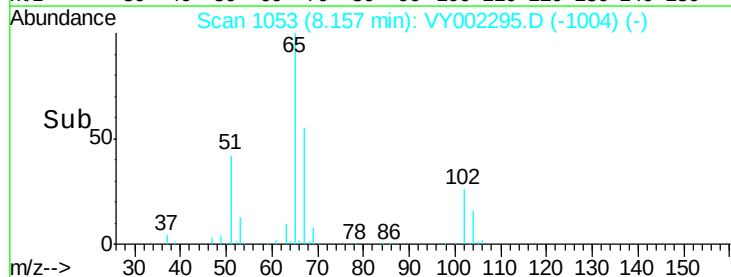
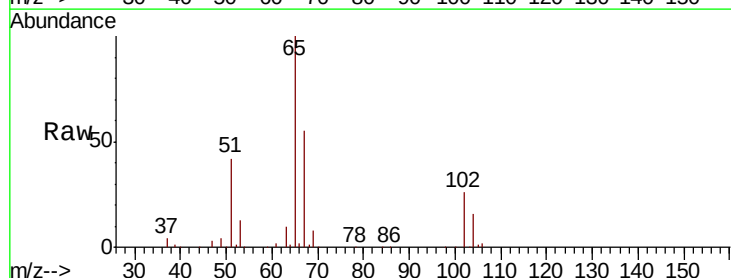
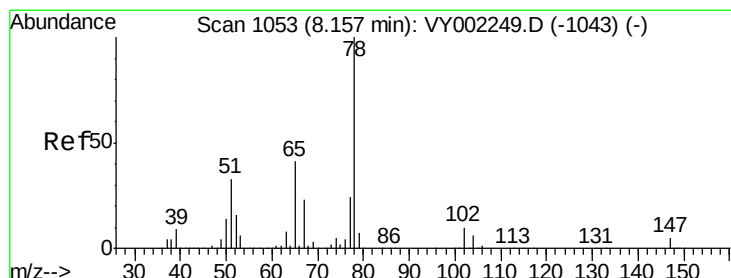
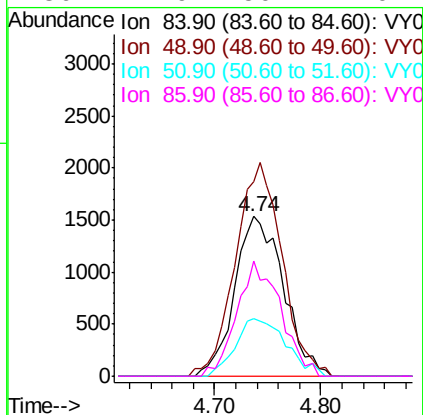




#20
Methylene Chloride
Concen: 2.413 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

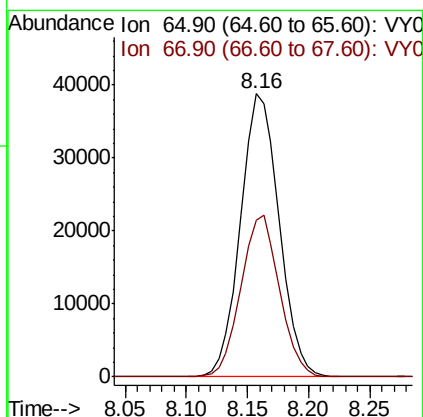
Instrument :
MSVOA_Y
ClientSampleId :

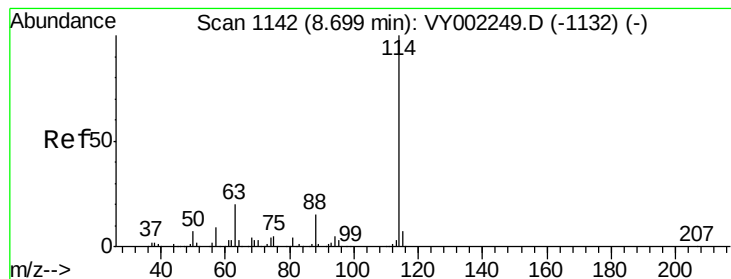
Tot Ion	84	Resp	4925
Ion	Ratio	Lower	Upper
84	100		
49	121.6	95.5	143.3
51	35.8	29.5	44.3
86	71.9	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 54.217 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

Tgt Ion	65	Resp	85489
Ion	Ratio	Lower	Upper
65	100		
67	56.9	0.0	114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

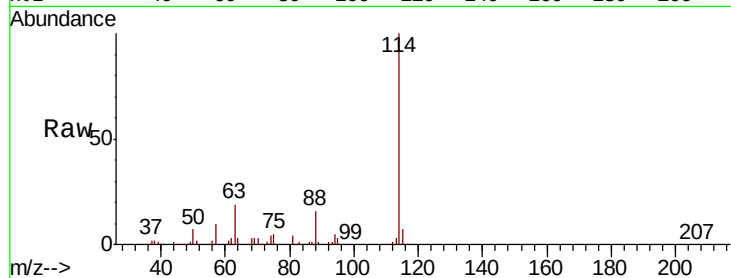
Tot Ion:114 Resp: 283672

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

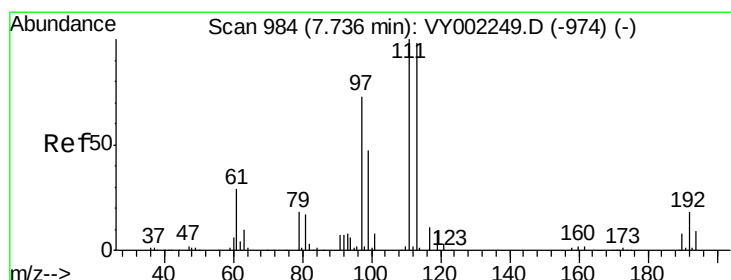
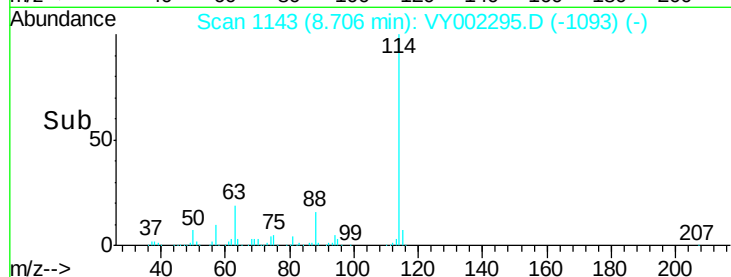
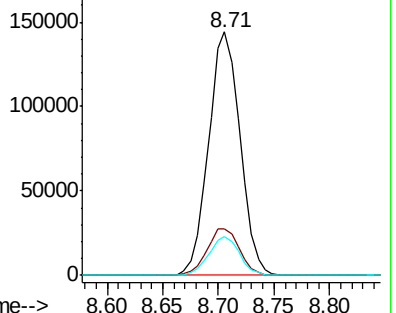
88 16.0 0.0 31.0



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: 50.027 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

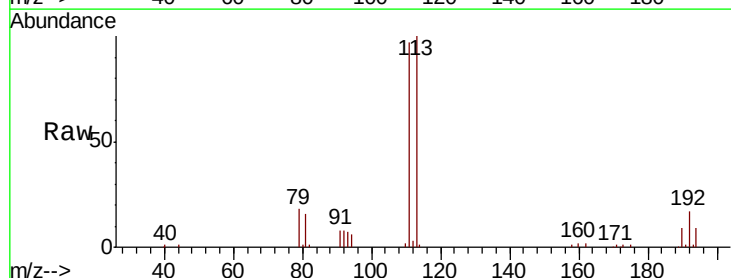
Tgt Ion:113 Resp: 84442

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

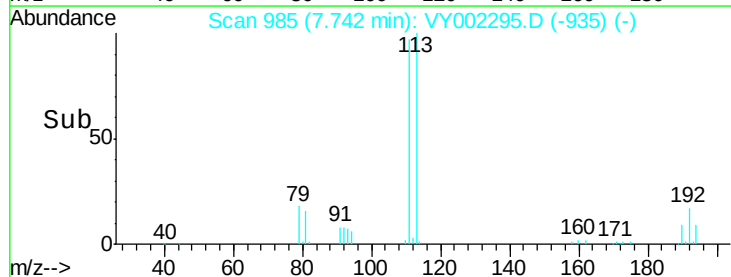
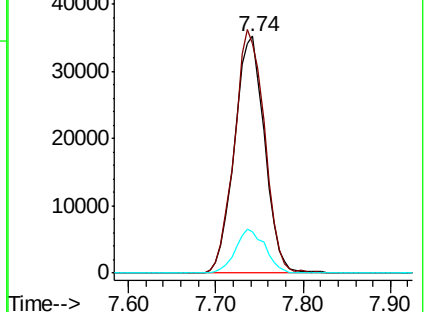
192 18.2 14.7 22.1

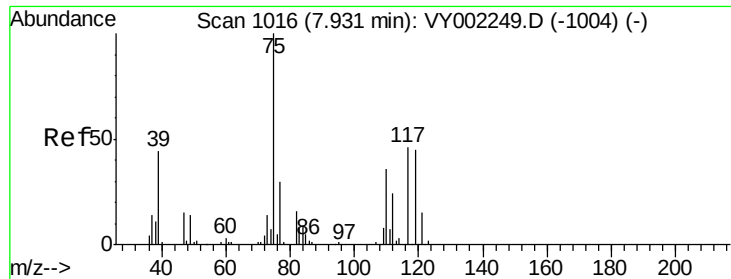


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

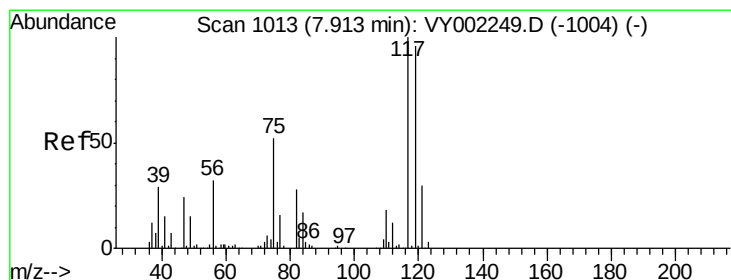
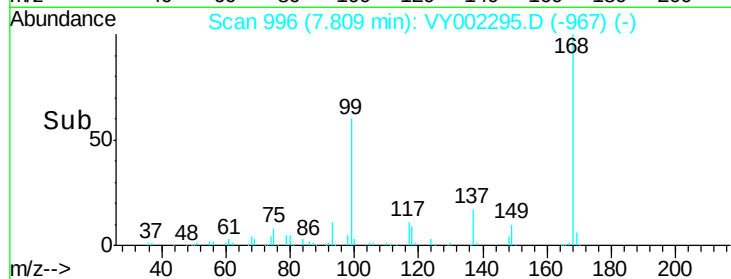
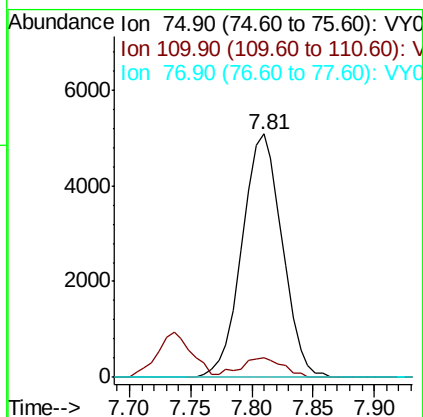
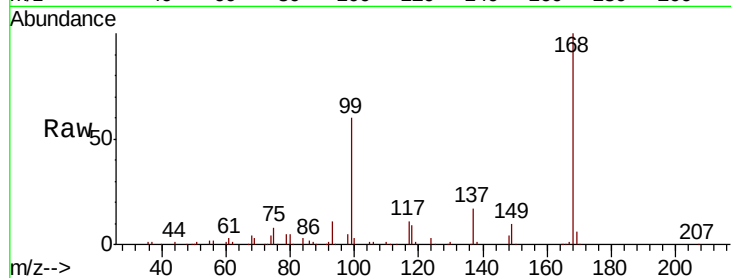




#36
 1,1-Dichloropropene
 Concen: 4.155 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002295.D
 Acq: 13 Apr 2020 20:52

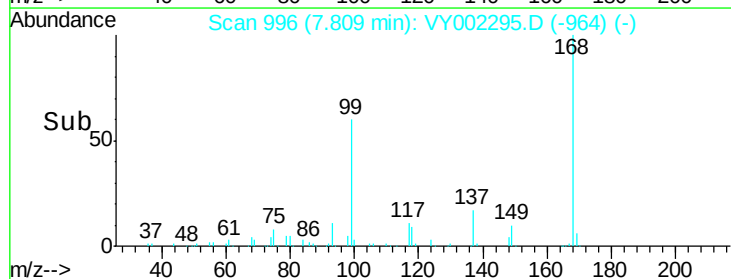
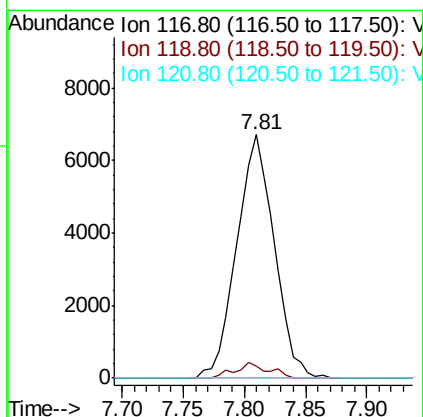
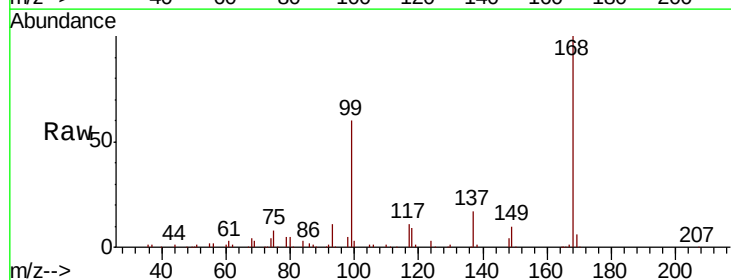
Instrument :
 MSVOA_Y
 ClientSampled :

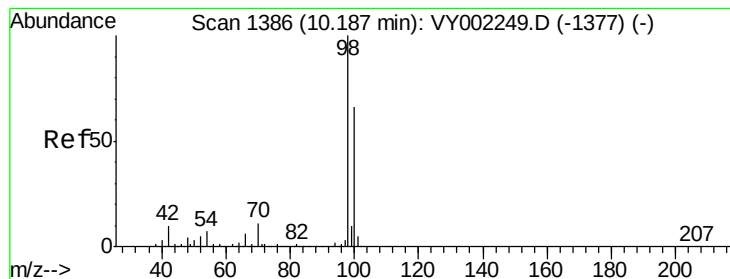
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.971 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002295.D
 Acq: 13 Apr 2020 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

Instrument :

MSVOA_Y

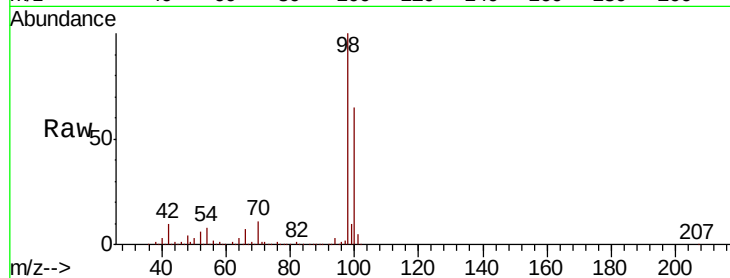
ClientSampleId :

Tot Ion: 98 Resp: 341852

Ion Ratio Lower Upper

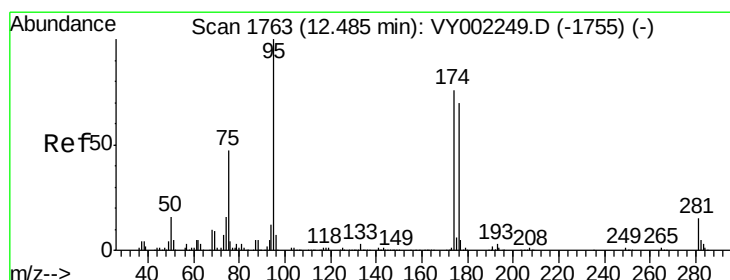
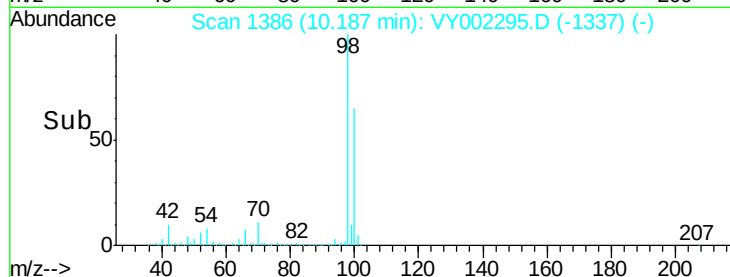
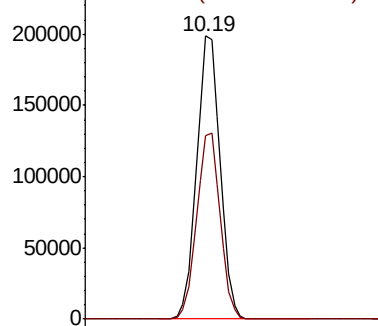
98 100

100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.831 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

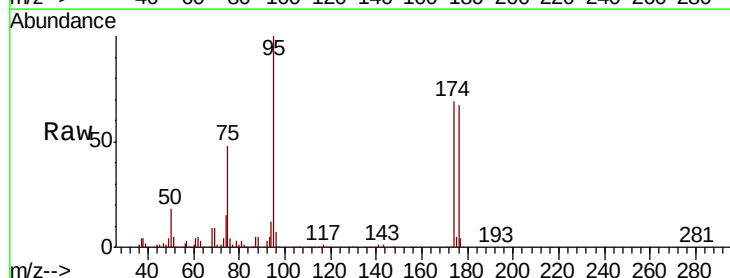
Tgt Ion: 95 Resp: 116148

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

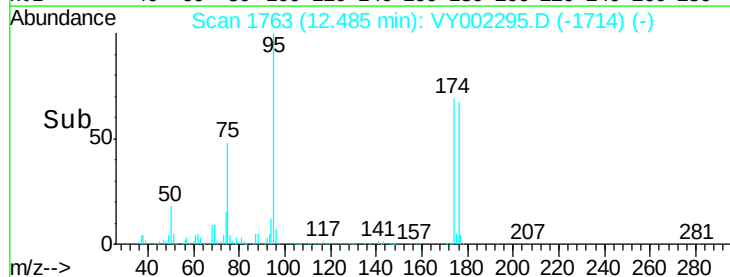
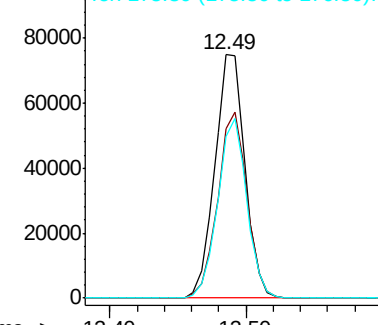
176 71.7 0.0 141.4

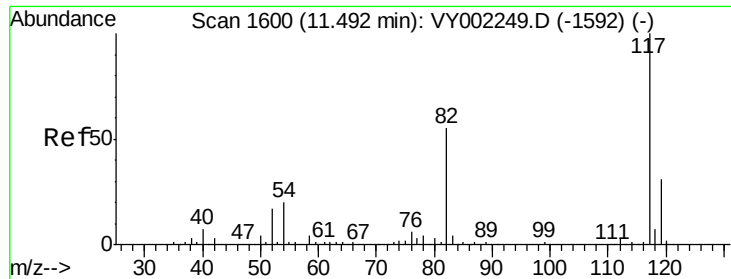


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

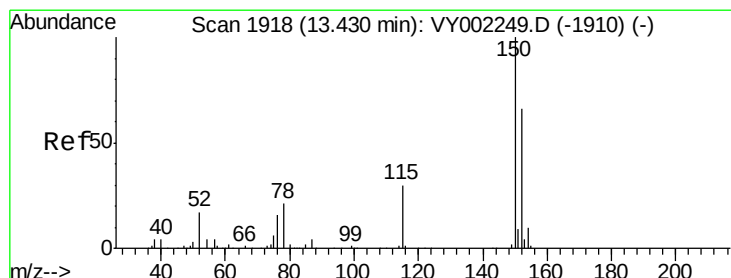
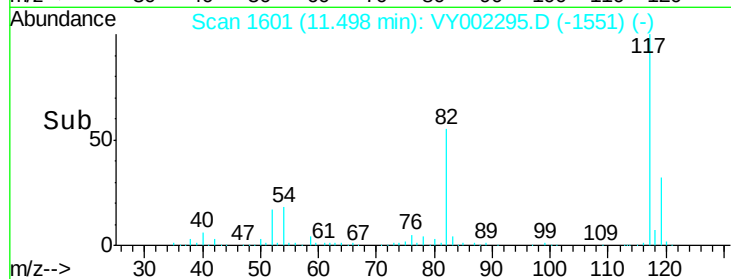
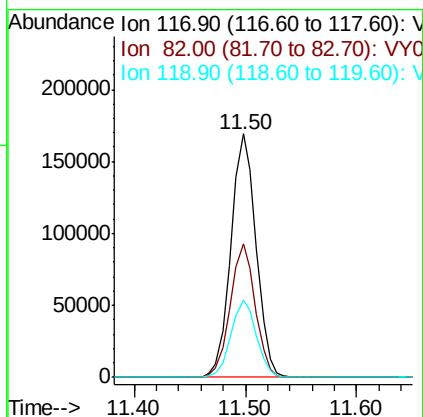
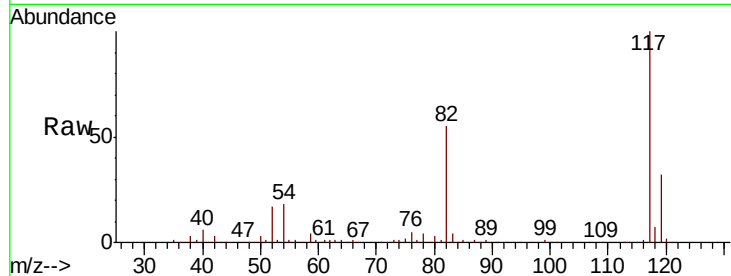




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

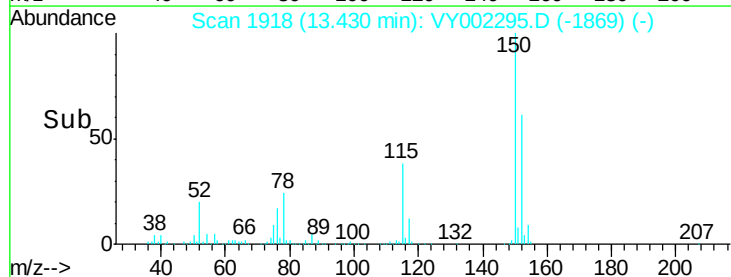
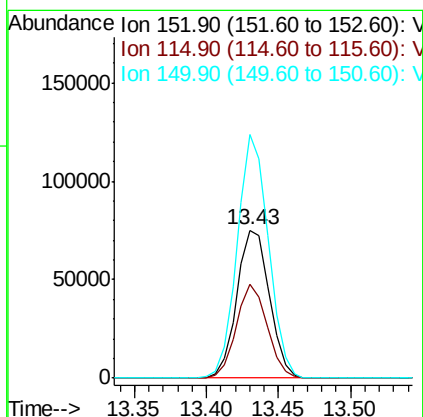
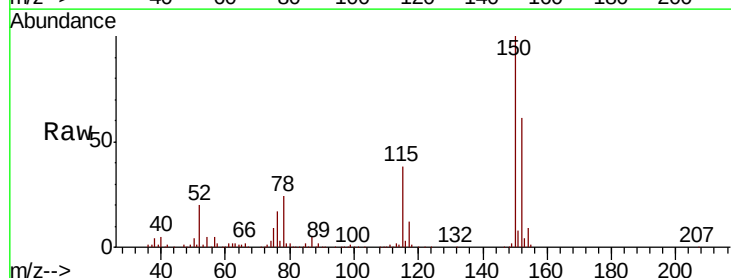
Instrument :
MSVOA_Y
ClientSampled :

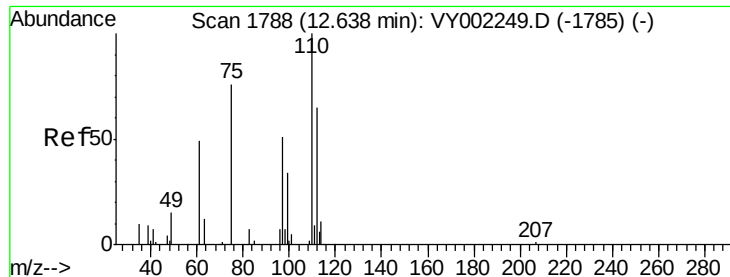
Tot Ion:117 Resp: 263648
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

Tgt Ion:152 Resp: 118628
Ion Ratio Lower Upper
152 100
115 60.3 30.7 92.1
150 157.1 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 41.063 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

Instrument :

MSVOA_Y

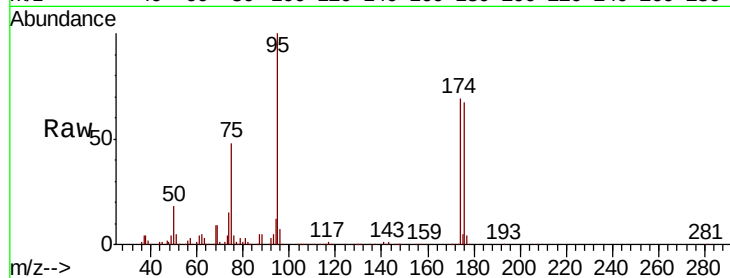
ClientSampleId :

Tot Ion: 75 Resp: 56565

Ion Ratio Lower Upper

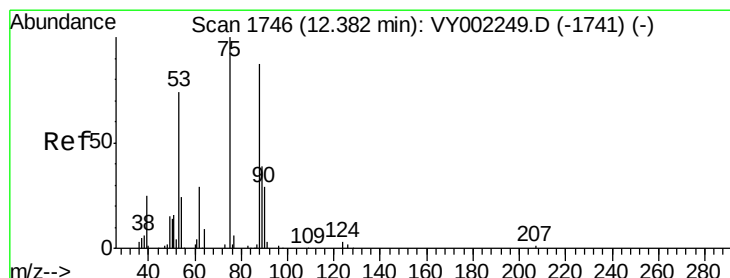
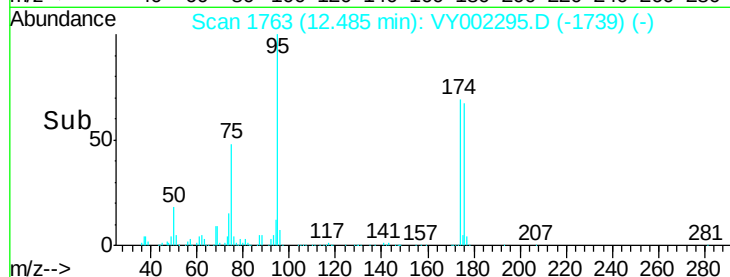
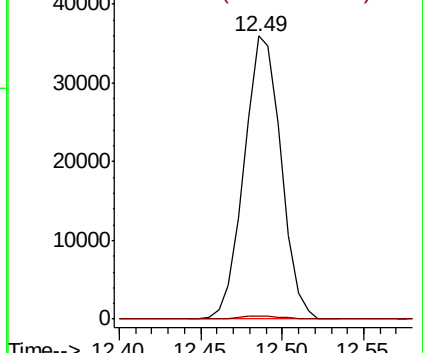
75 100

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: 79.866 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

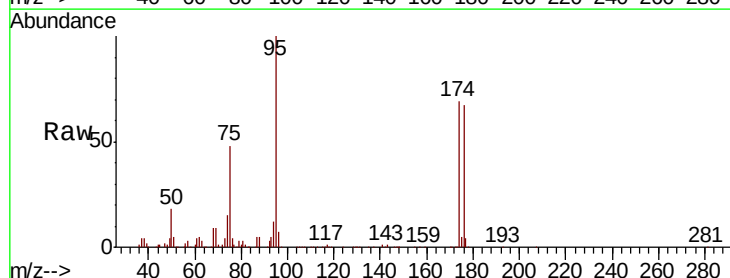
Tgt Ion: 75 Resp: 56565

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.1 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

