

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003326.D
 Acq On : 23 Jul 2020 19:10
 Operator : SY/MD
 Sample : L3382-13
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-005

Quant Time: Jul 24 04:43:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

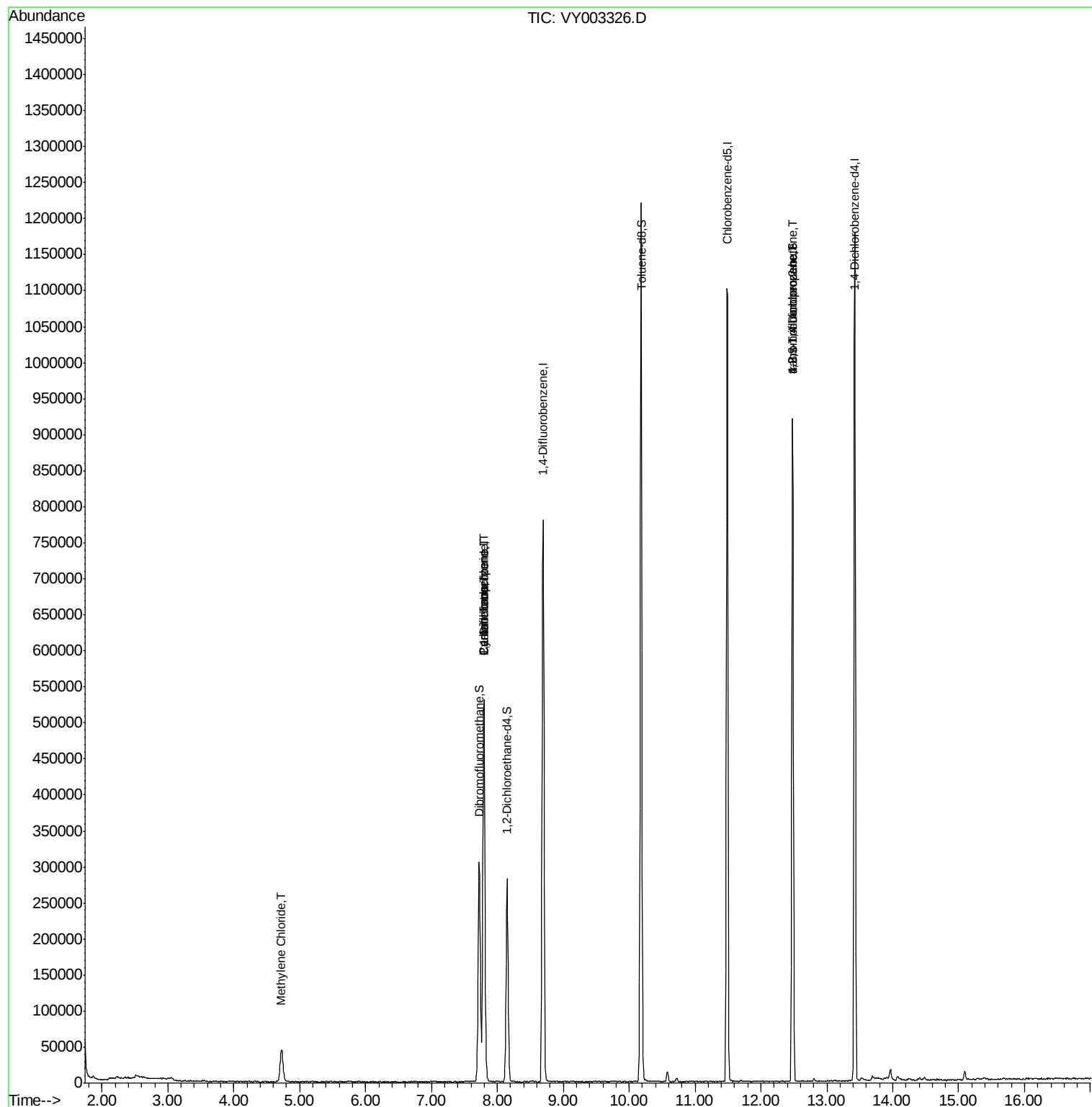
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	441090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	677764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	631514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	220544	59.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.48%	
35) Dibromofluoromethane	7.72	113	214764	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
50) Toluene-d8	10.18	98	817799	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.48	95	265270	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.72	84	34677	3.137	ug/l	94
31) Cyclohexane	7.79	56	7546	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	30458	4.958	ug/l #	48
38) Carbon Tetrachloride	7.80	117	40487	6.384	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	133006	49.226	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	133006	95.803	ug/l #	13

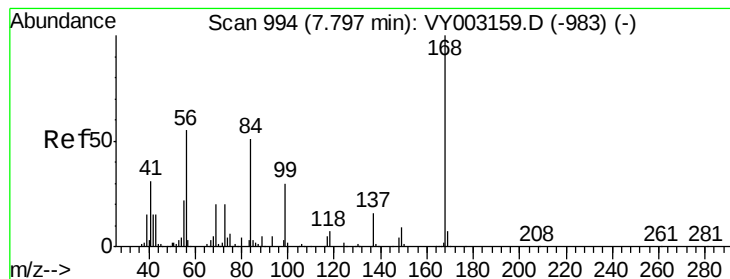
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003326.D
Acq On : 23 Jul 2020 19:10
Operator : SY/MD
Sample : L3382-13
Misc : 7.33G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CTR-005

Quant Time: Jul 24 04:43:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

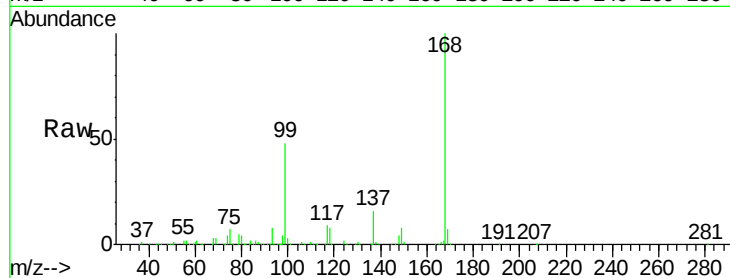
CTR-005

Tot Ion:168 Resp: 441090

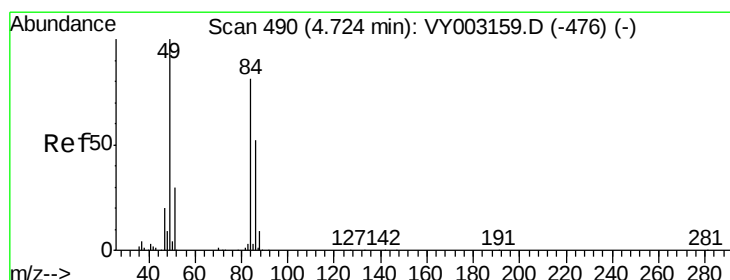
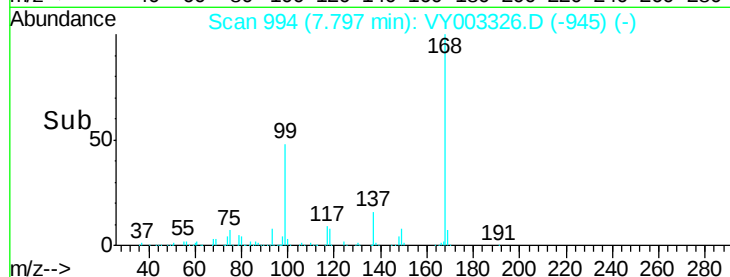
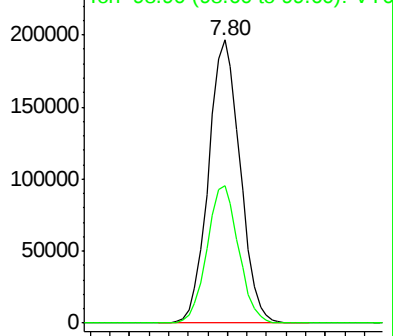
Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003326.D (-945) (-)



#20

Methylene Chloride

Concen: 3.137 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

Tgt Ion: 84 Resp: 34677

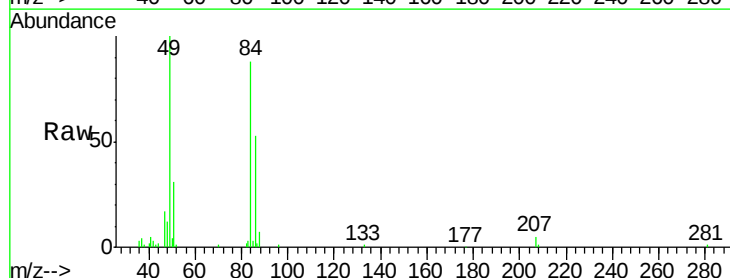
Ion Ratio Lower Upper

84 100

49 113.7 98.2 147.4

51 34.8 29.8 44.6

86 60.8 51.2 76.8

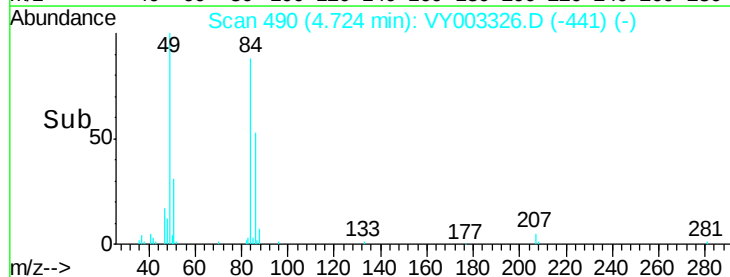
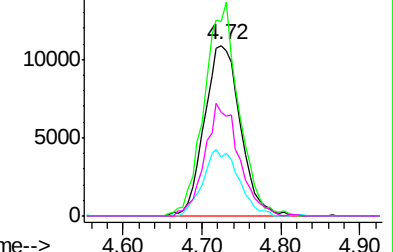


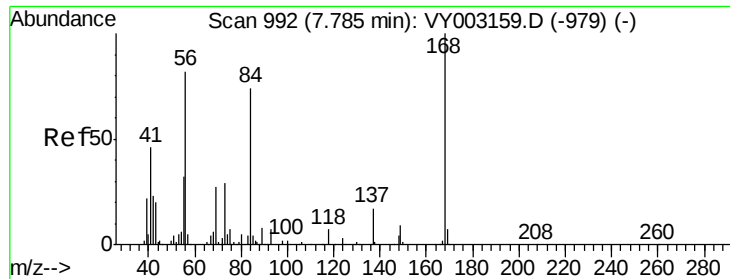
Abundance Ion 83.90 (83.60 to 84.60): VY003326.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003326.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003326.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003326.D (-441) (-)

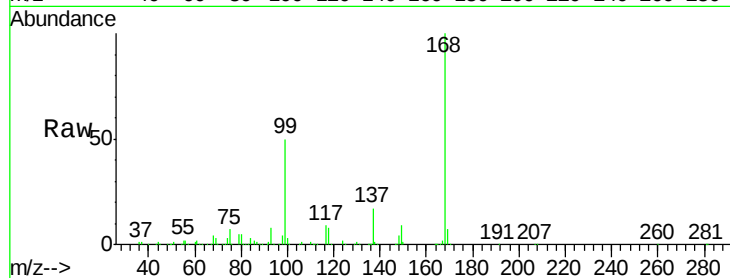




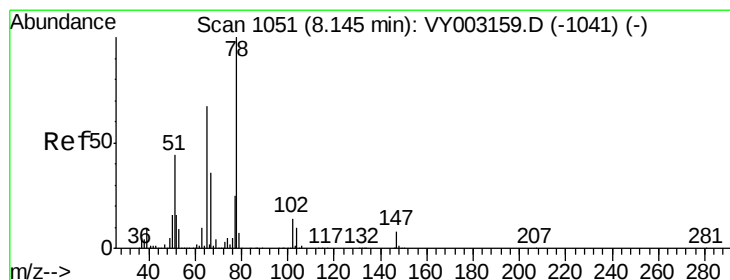
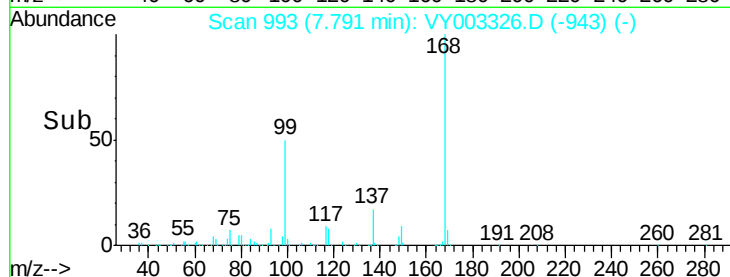
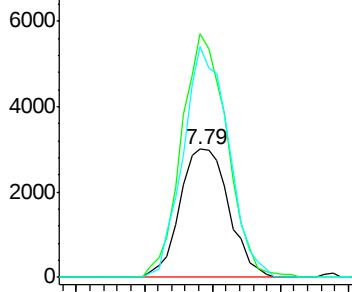
#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003326.D
Acq: 23 Jul 2020 19:10

Instrument :
MSVOA_Y
ClientSampleId :
CTR-005

Tot Ion: 56 Resp: 7546
Ion Ratio Lower Upper
56 100
69 190.3 26.7 40.1#
84 180.5 72.3 108.5#

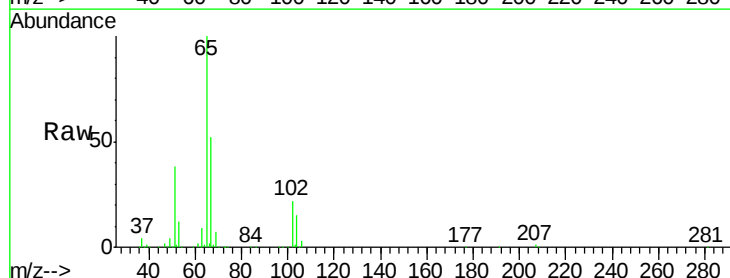


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

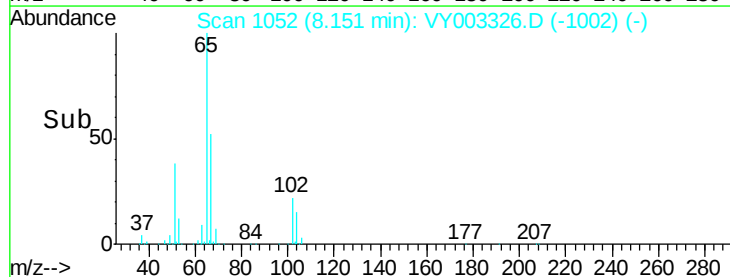
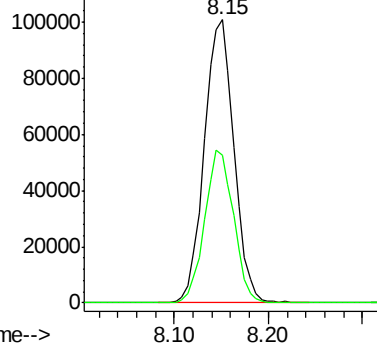


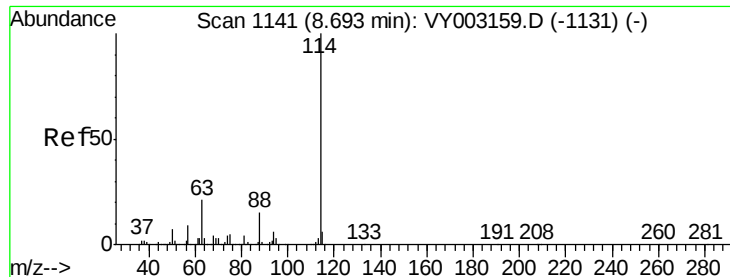
#33
1,2-Dichloroethane-d4
Concen: 59.239 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003326.D
Acq: 23 Jul 2020 19:10

Tgt Ion: 65 Resp: 220544
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

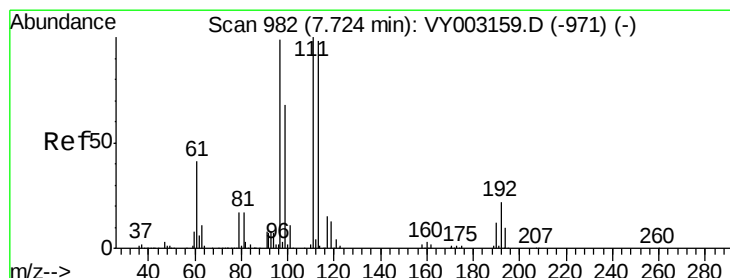
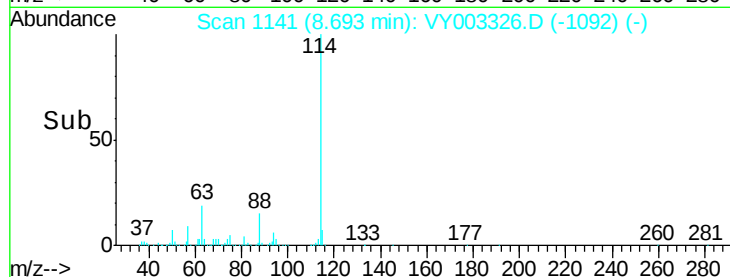
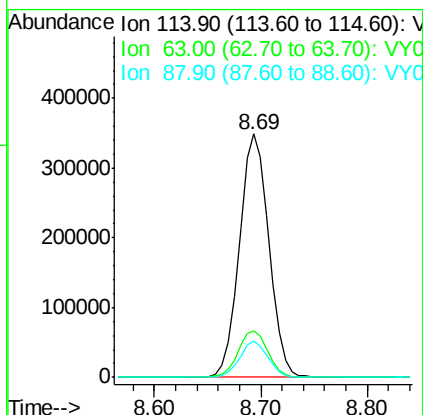
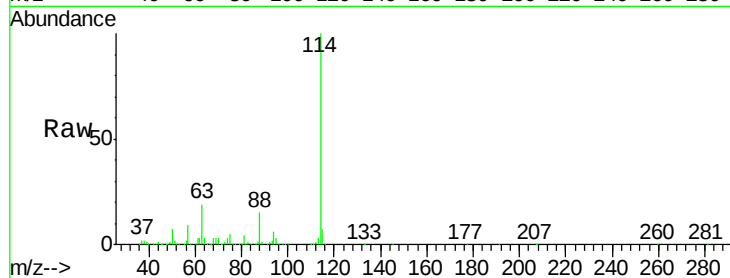




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003326.D
 Acq: 23 Jul 2020 19:10

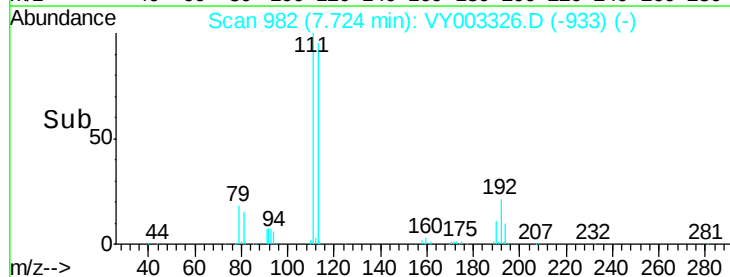
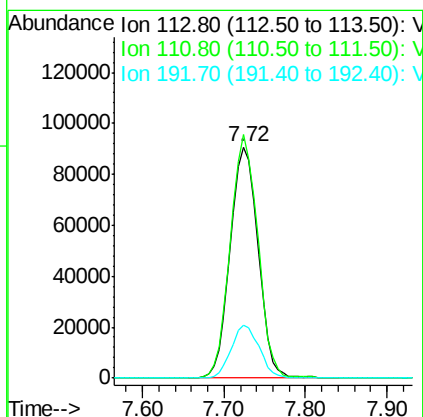
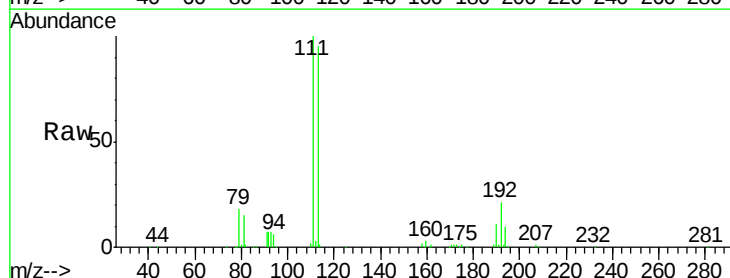
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-005

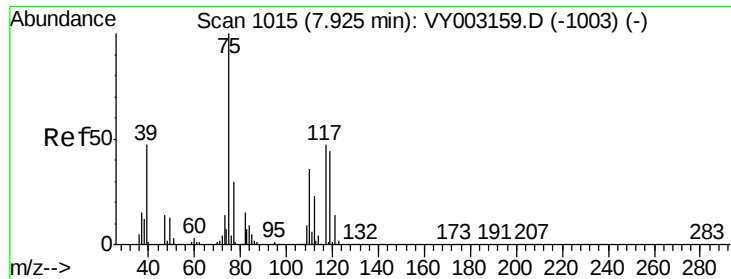
Tot Ion:114 Resp: 677764
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 15.1 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 55.062 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003326.D
 Acq: 23 Jul 2020 19:10

Tgt Ion:113 Resp: 214764
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 22.8 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

CTR-005

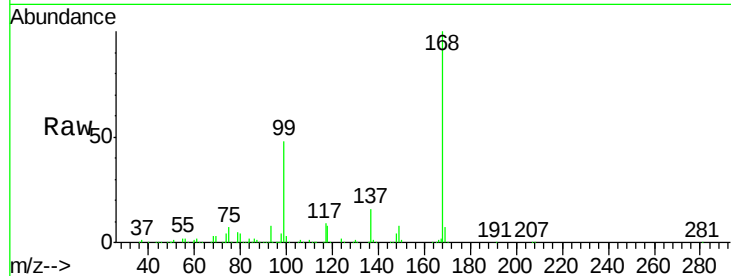
Tot Ion: 75 Resp: 30458

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.1#

77 0.1 24.8 37.2#

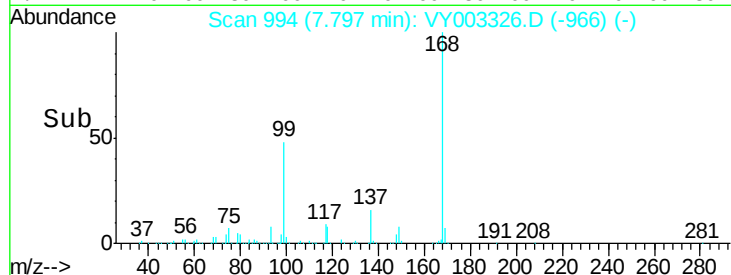


Abundance Ion 74.90 (74.60 to 75.60): VY003326.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003326.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003326.D (-966) (-)

Time-->



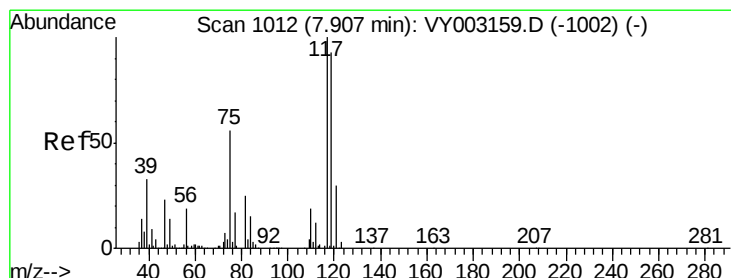
Abundance

Ion 74.90 (74.60 to 75.60): VY003326.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003326.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003326.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.384 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

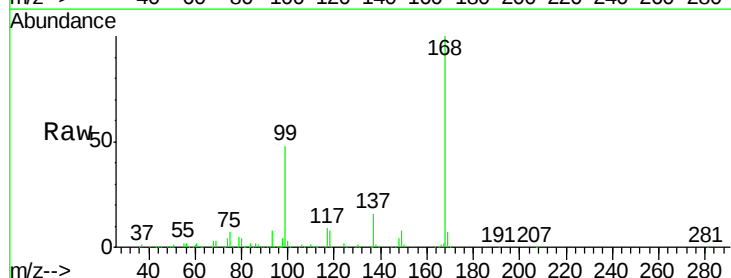
Tgt Ion: 117 Resp: 40487

Ion Ratio Lower Upper

117 100

119 4.7 74.5 111.7#

121 0.0 24.2 36.2#

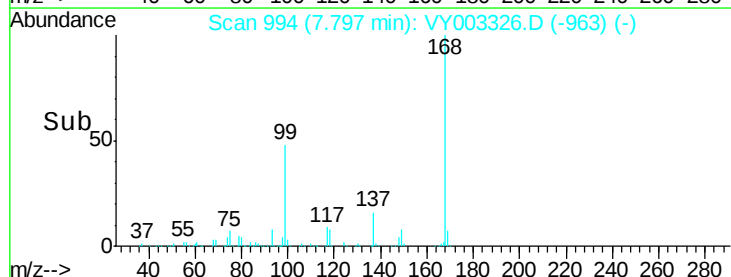


Abundance Ion 116.80 (116.50 to 117.50): VY003326.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003326.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003326.D (-963) (-)

Time-->



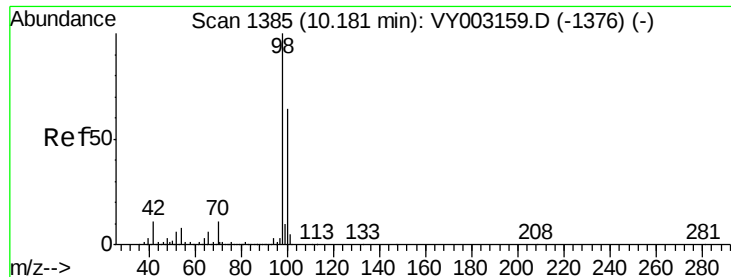
Abundance

Ion 116.80 (116.50 to 117.50): VY003326.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003326.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003326.D (-963) (-)

Time-->



#50

Toluene-d8

Concen: 56.396 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

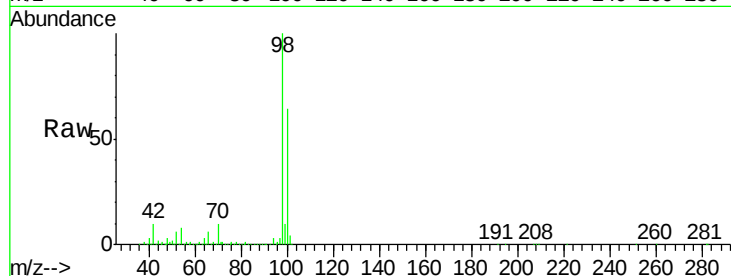
CTR-005

Tot Ion: 98 Resp: 817799

Ion Ratio Lower Upper

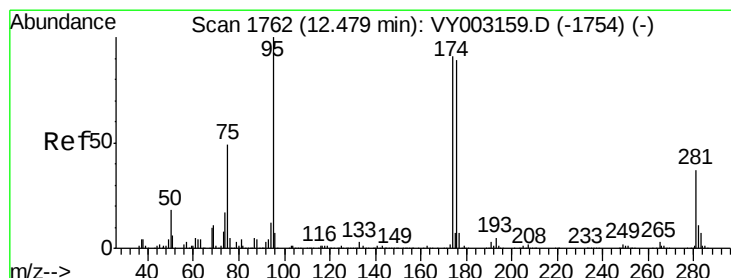
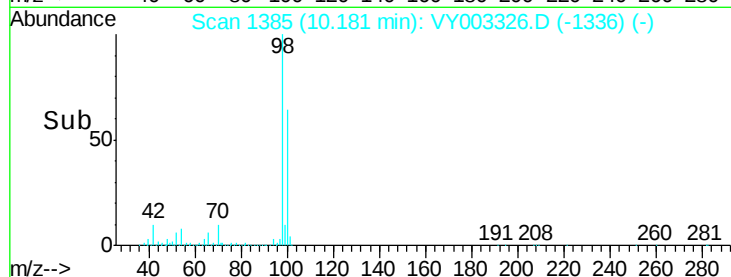
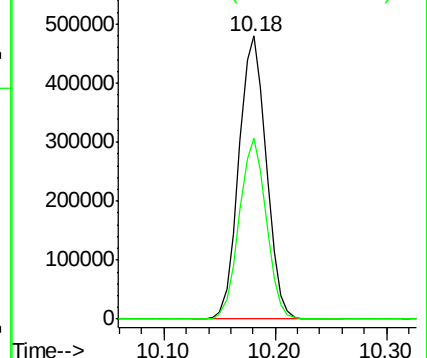
98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.637 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

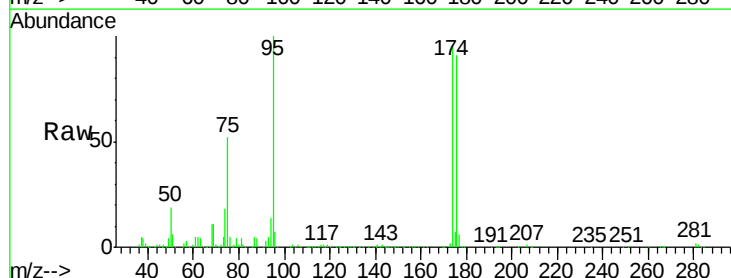
Tgt Ion: 95 Resp: 265270

Ion Ratio Lower Upper

95 100

174 97.0 0.0 190.6

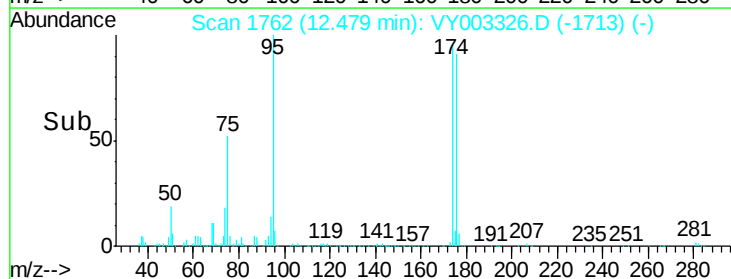
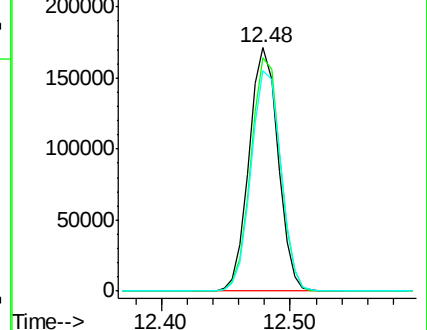
176 92.8 0.0 186.4

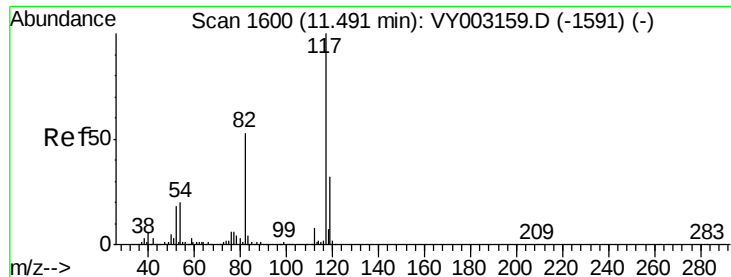


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

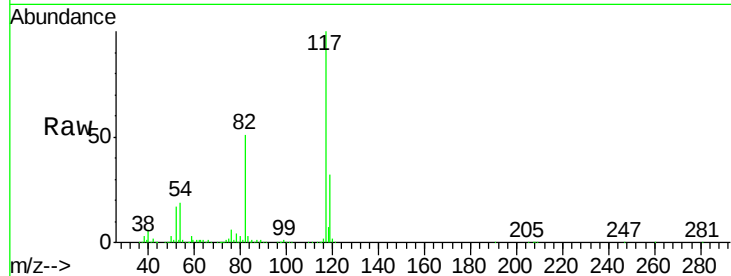




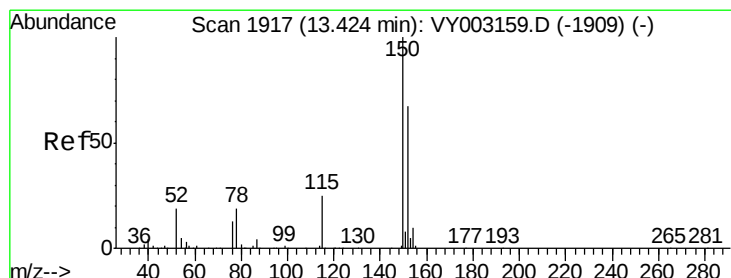
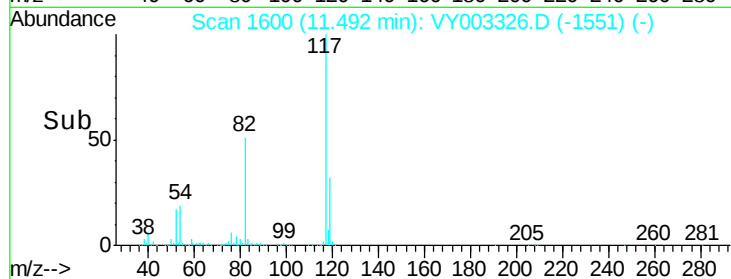
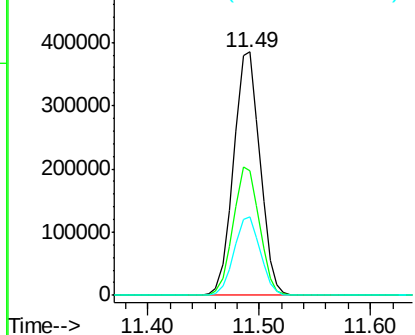
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003326.D
Acq: 23 Jul 2020 19:10

Instrument :
MSVOA_Y
ClientSampled :
CTR-005

Tot Ion:117 Resp: 631514
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.1 25.5 38.3

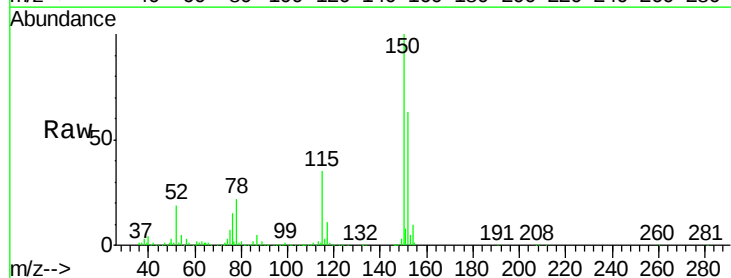


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

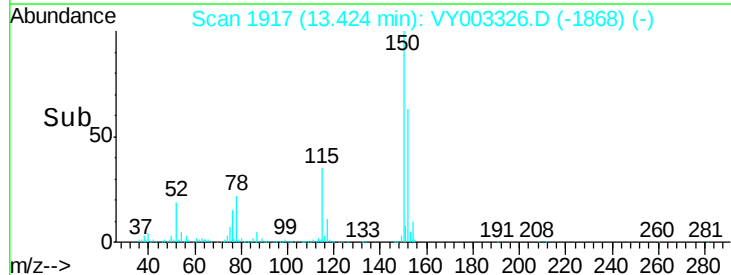
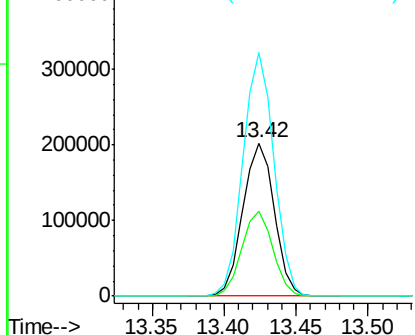


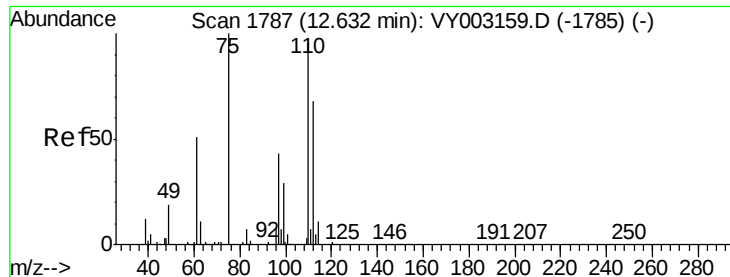
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003326.D
Acq: 23 Jul 2020 19:10

Tgt Ion:152 Resp: 305246
Ion Ratio Lower Upper
152 100
115 54.7 26.9 80.7
150 156.4 0.0 338.0



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: 49.226 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

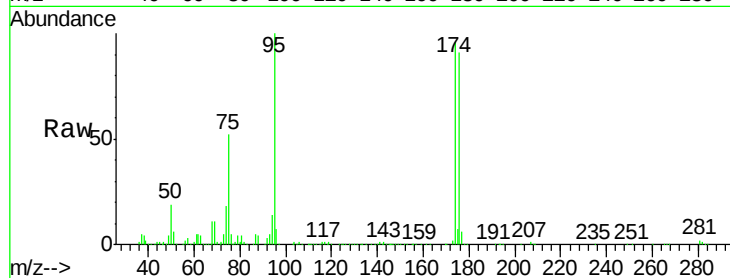
CTR-005

Tot Ion: 75 Resp: 133006

Ion Ratio Lower Upper

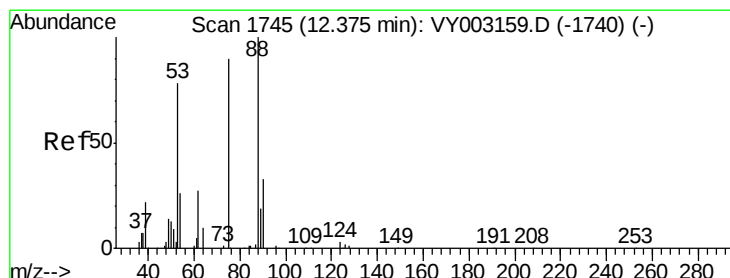
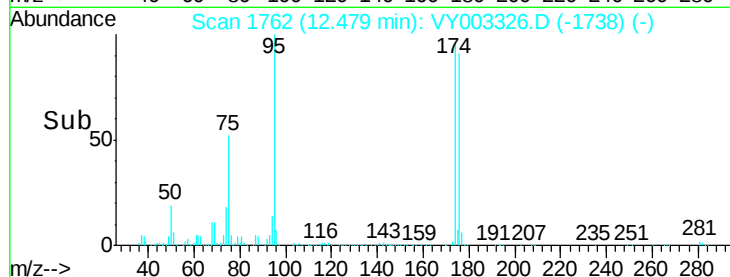
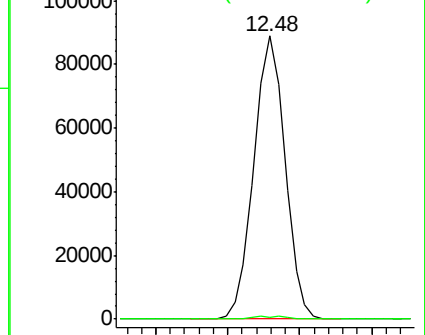
75 100

77 1.2 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: 95.803 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003326.D

Acq: 23 Jul 2020 19:10

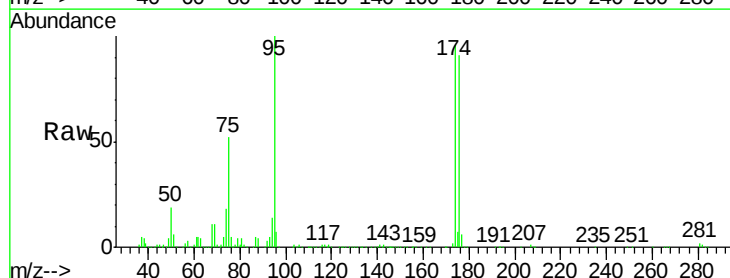
Tgt Ion: 75 Resp: 133006

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#



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

