

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003322.D
 Acq On : 23 Jul 2020 17:34
 Operator : SY/MD
 Sample : L3308-20
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20

Quant Time: Jul 24 04:42:20 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

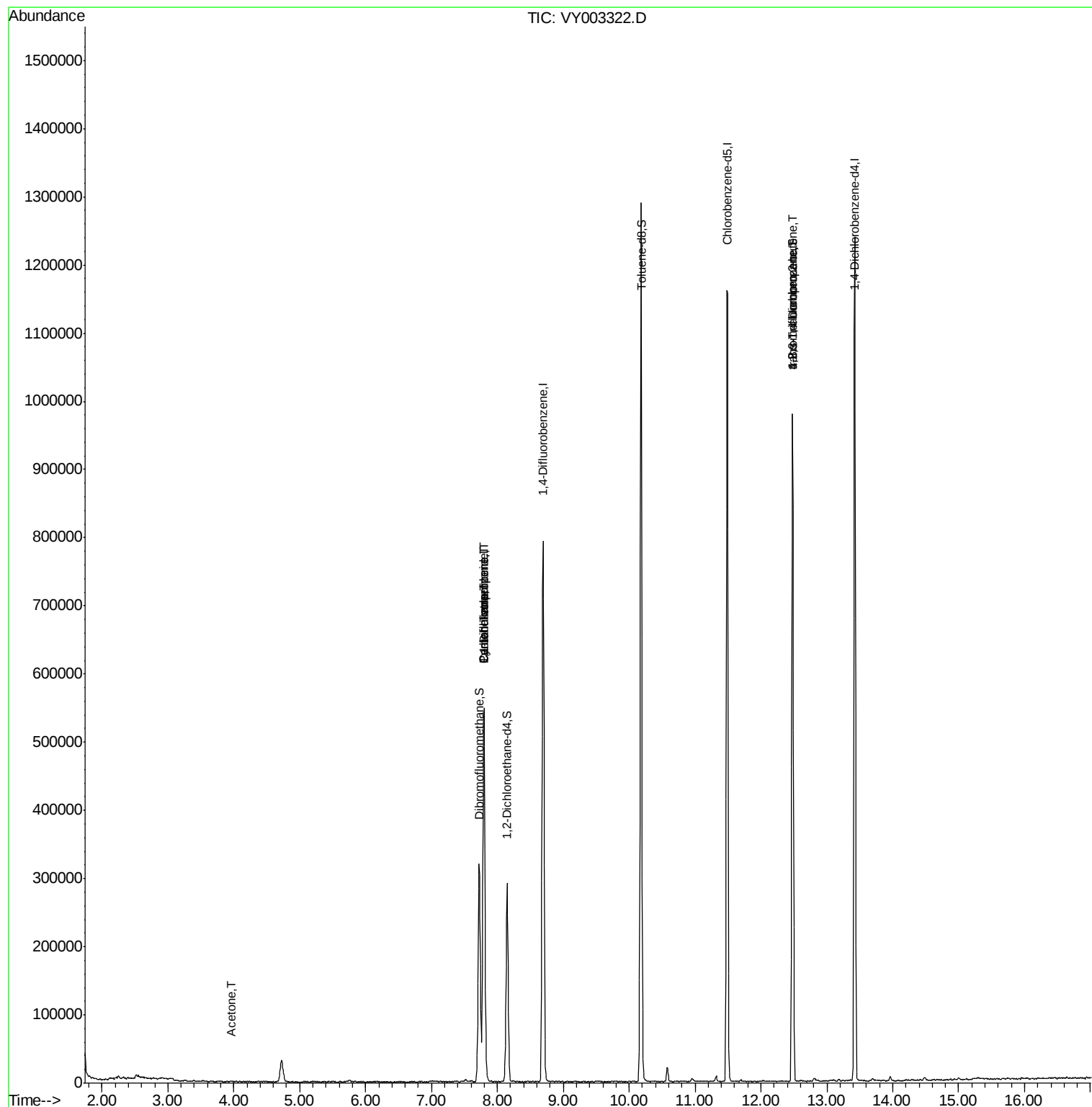
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	454707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	226026	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	7.72	113	221527	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
50) Toluene-d8	10.18	98	851627	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.48	95	278921	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	3.96	43	1379	1.609	ug/l	95
31) Cyclohexane	7.79	56	8727	1.250	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	30636	4.797	ug/l #	51
38) Carbon Tetrachloride	7.80	117	41695	6.325	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	142179	48.641	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	142179	94.664	ug/l #	13

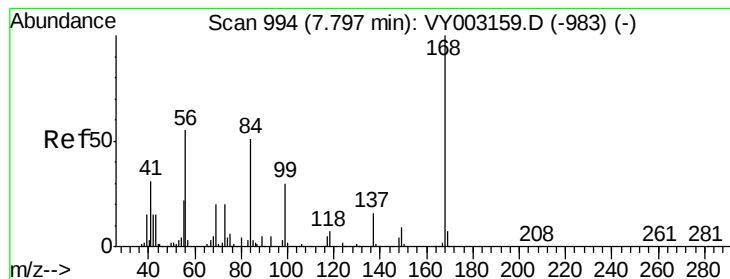
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20

Quant Time: Jul 24 04:42:20 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: VY003322.D

Acq: 23 Jul 2020 17:34

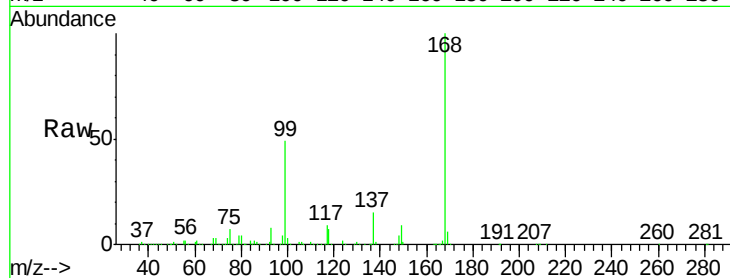
Instrument :
MSVOA_Y
ClientSampled :
20

Tot Ion:168 Resp: 454707

Ion Ratio Lower Upper

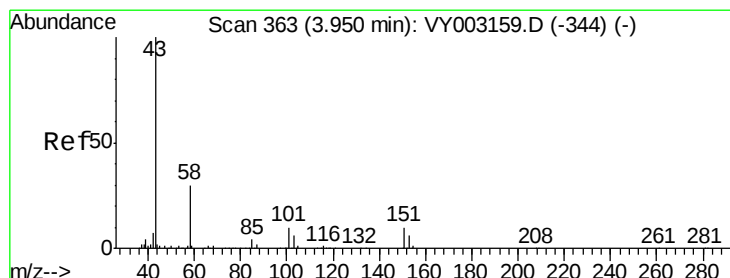
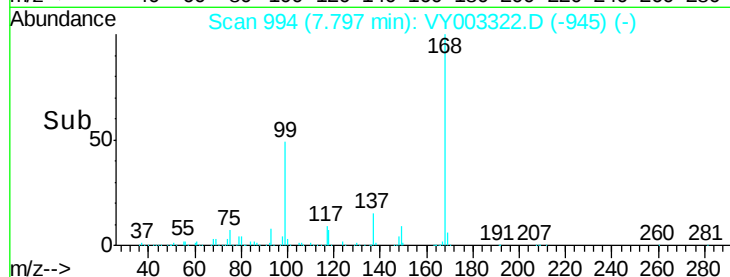
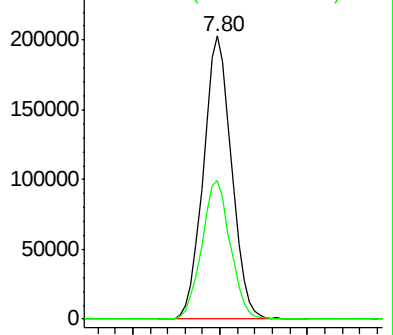
168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#16

Acetone

Concen: 1.609 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003322.D

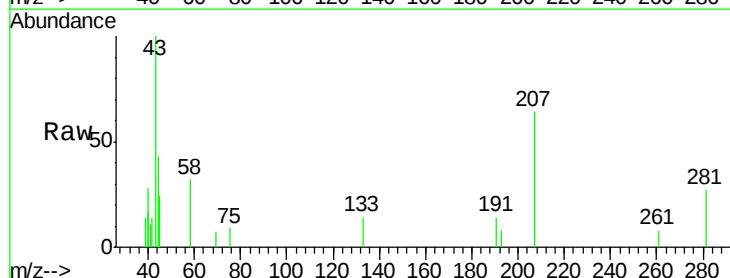
Acq: 23 Jul 2020 17:34

Tgt Ion: 43 Resp: 1379

Ion Ratio Lower Upper

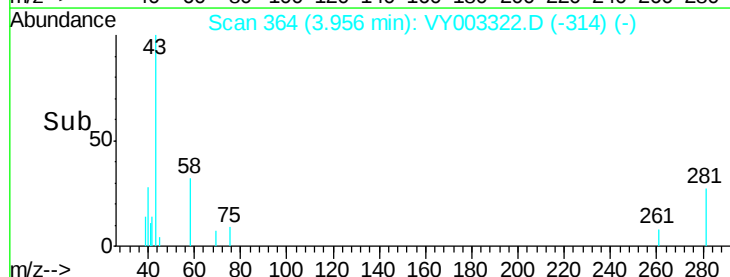
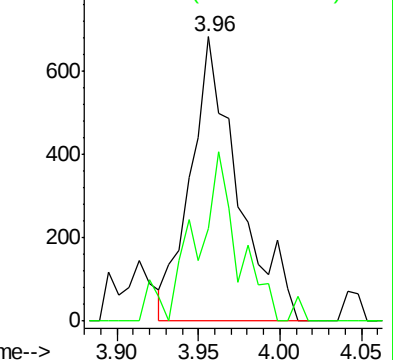
43 100

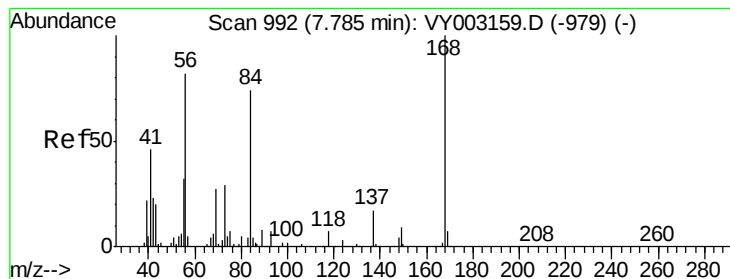
58 32.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
20

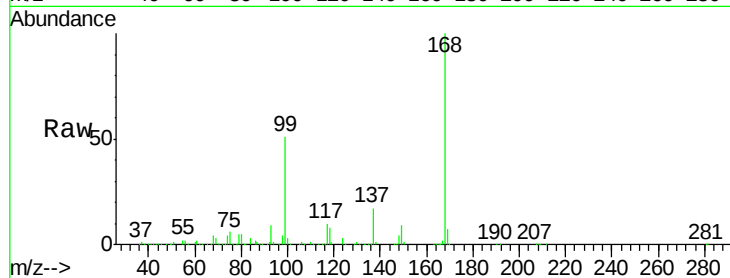
Tot Ion: 56 Resp: 8727

Ion Ratio Lower Upper

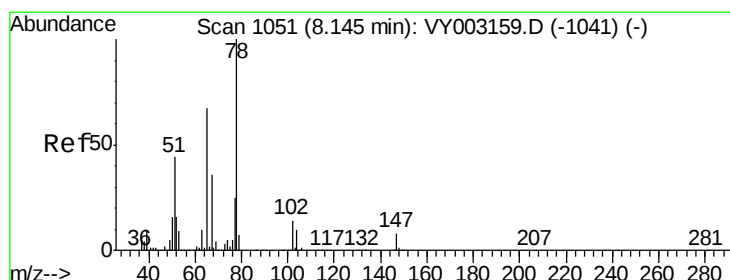
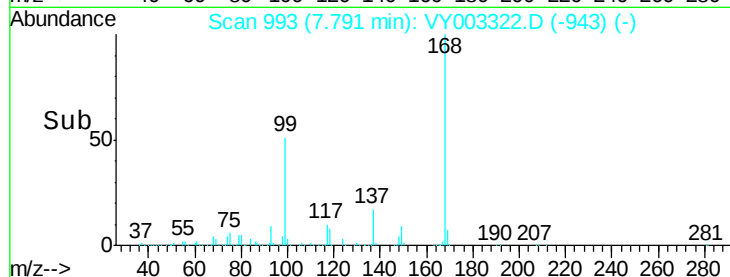
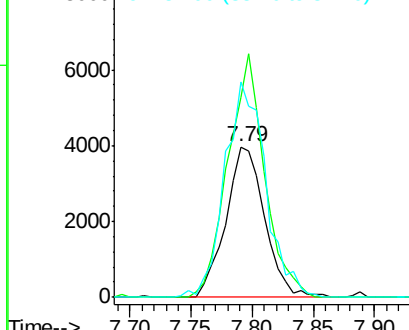
56 100

69 132.8 26.7 40.1#

84 143.2 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: 58.893 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003322.D

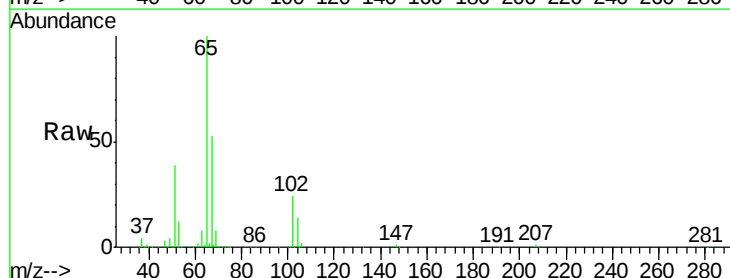
Acq: 23 Jul 2020 17:34

Tgt Ion: 65 Resp: 226026

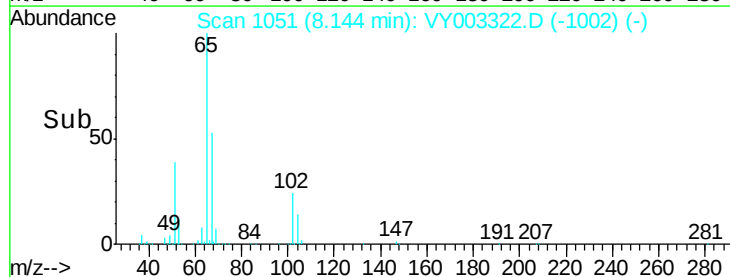
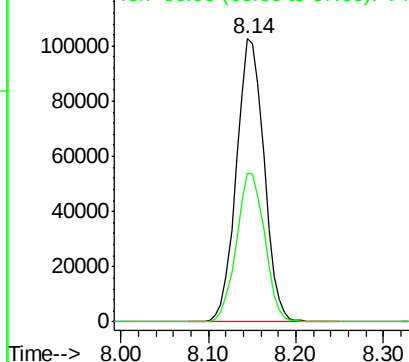
Ion Ratio Lower Upper

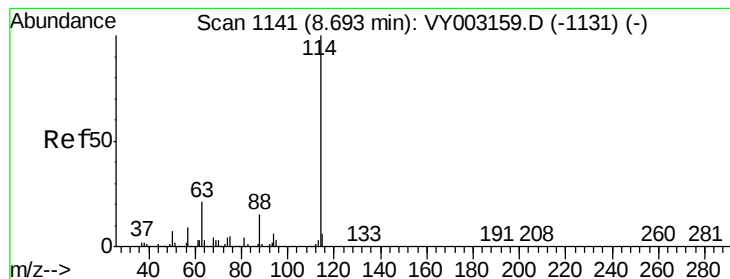
65 100

67 53.7 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: VY003322.D

Acq: 23 Jul 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

20

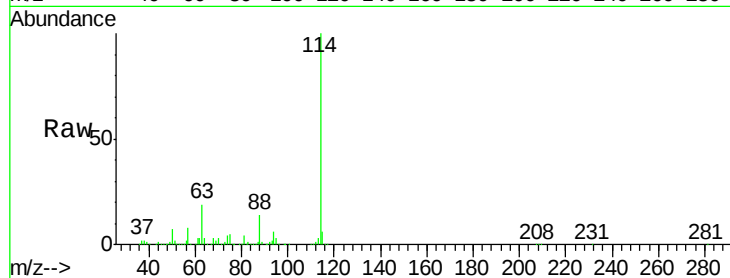
Tot Ion:114 Resp: 704586

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

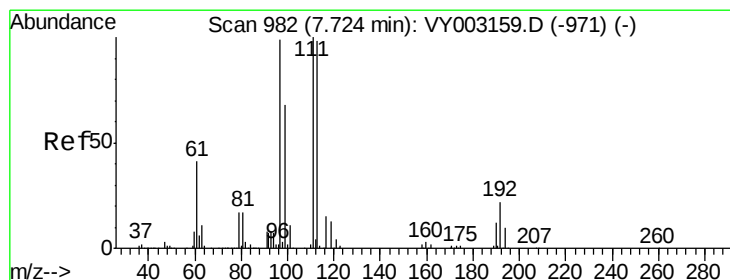
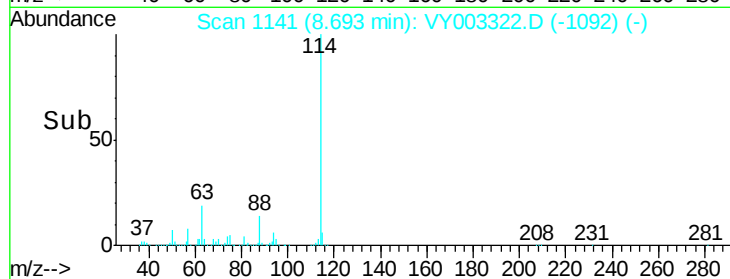
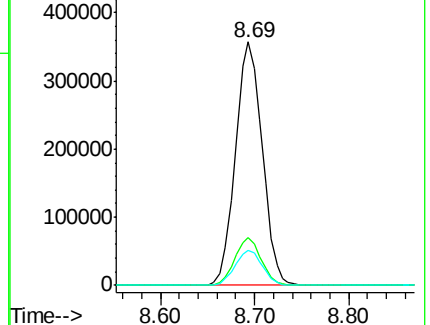
88 14.1 0.0 30.2



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: 54.634 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

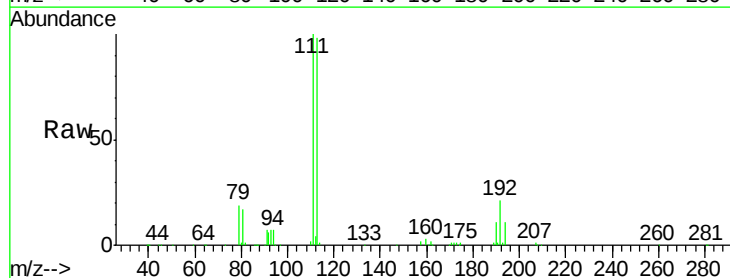
Tgt Ion:113 Resp: 221527

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

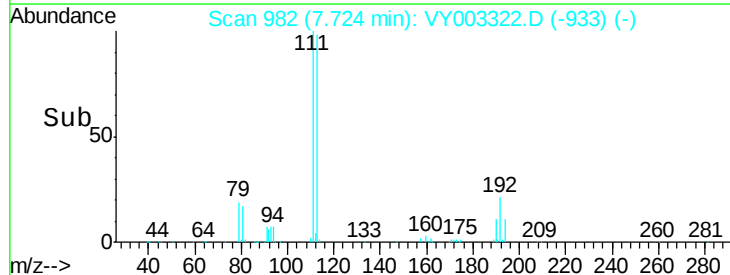
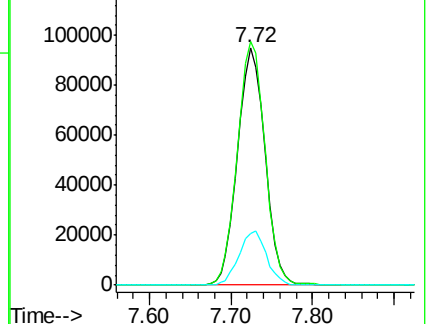
192 22.9 18.8 28.2

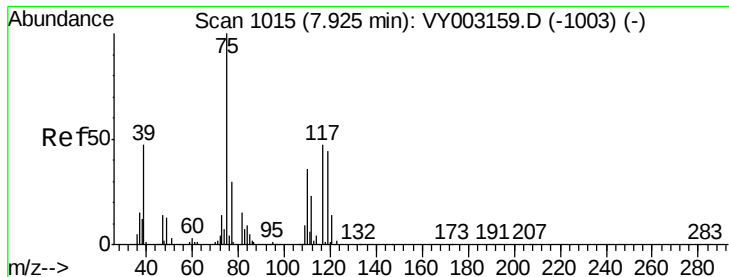


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
20

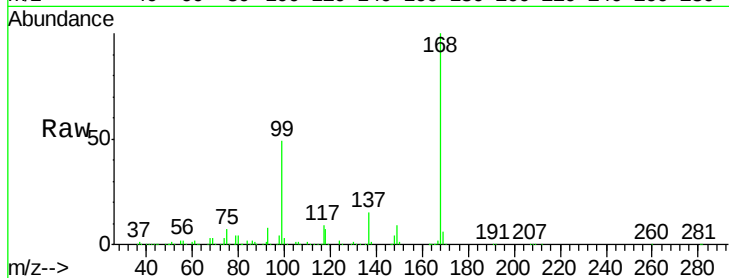
Tot Ion: 75 Resp: 30636

Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.1#

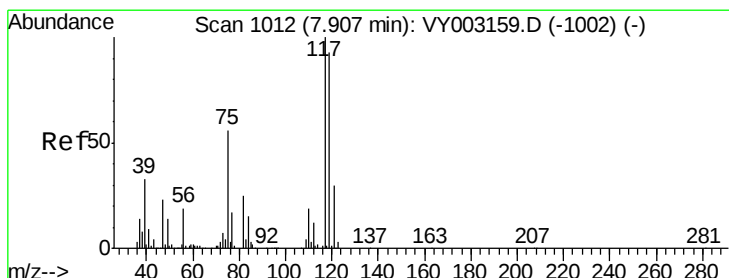
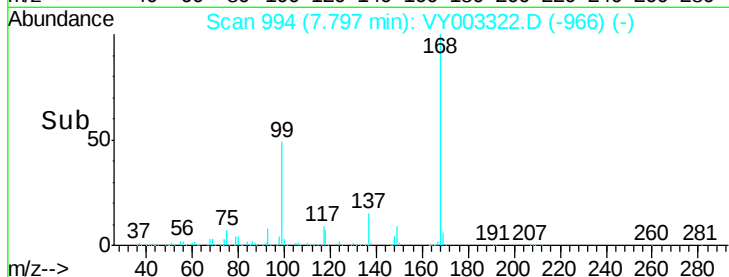
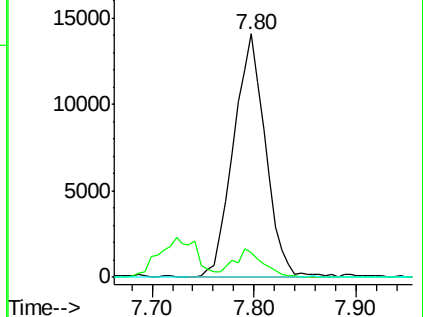
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY003322.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003322.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003322.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 6.325 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

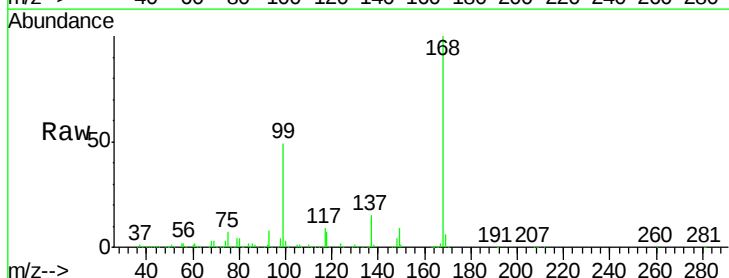
Tgt Ion: 117 Resp: 41695

Ion Ratio Lower Upper

117 100

119 5.3 74.5 111.7#

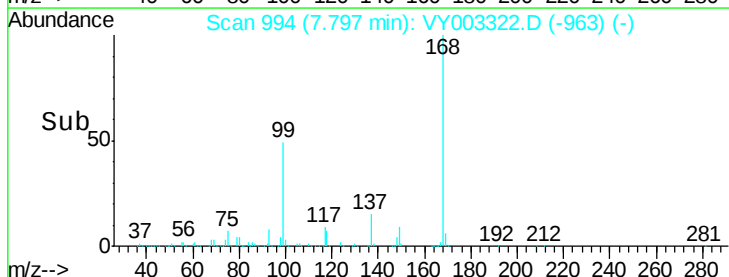
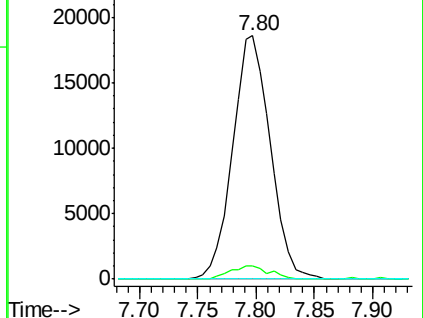
121 0.0 24.2 36.2#

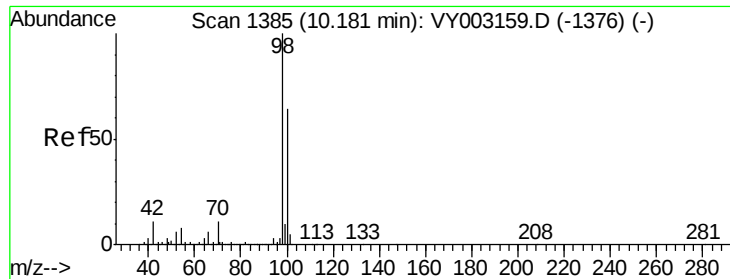


Abundance Ion 116.80 (116.50 to 117.50): VY003322.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003322.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003322.D (-963) (-)





#50

Toluene-d8

Concen: 56.493 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

Instrument :

MSVOA_Y

ClientSampled :

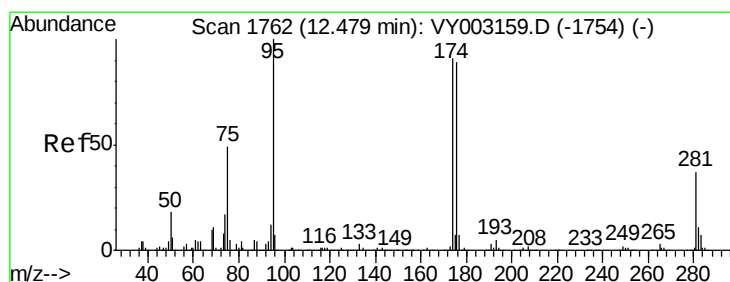
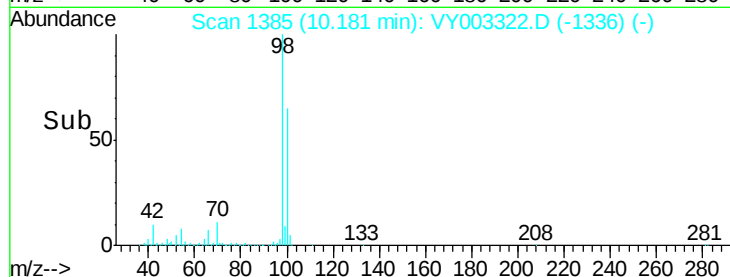
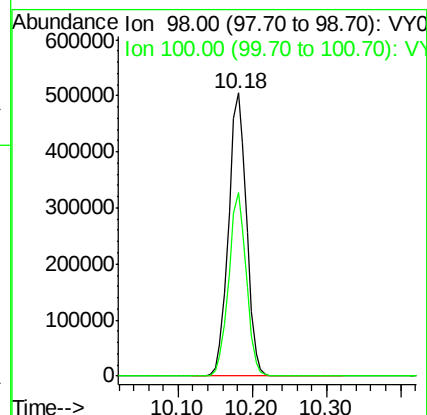
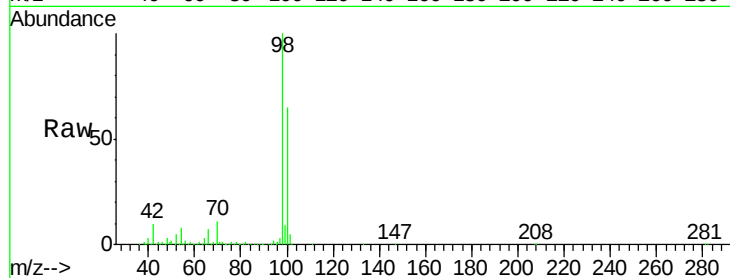
20

Tot Ion: 98 Resp: 851627

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.216 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

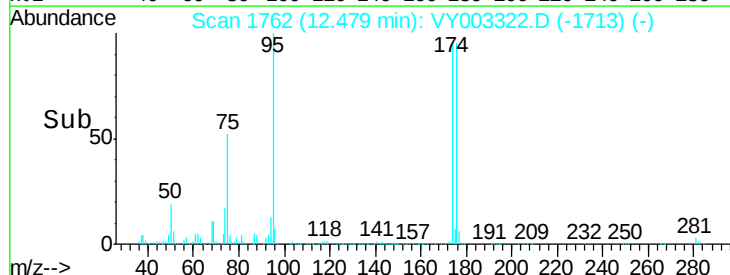
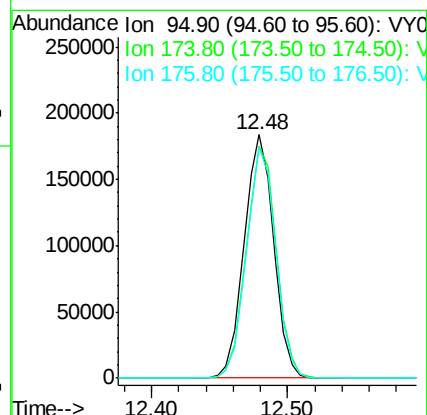
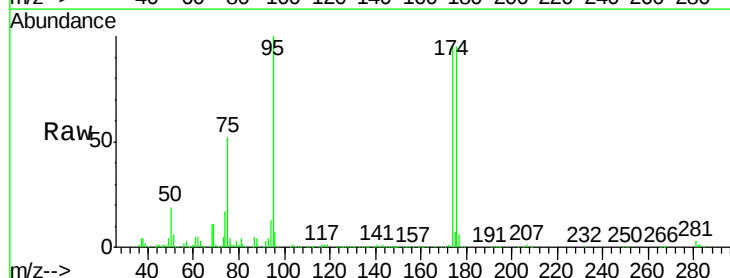
Tgt Ion: 95 Resp: 278921

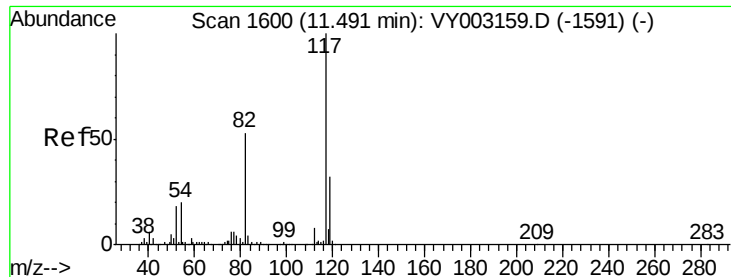
Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

176 93.7 0.0 186.4

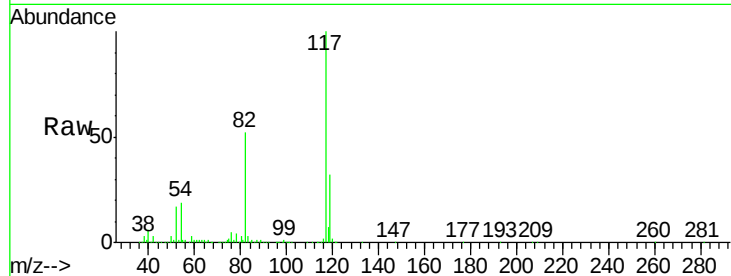




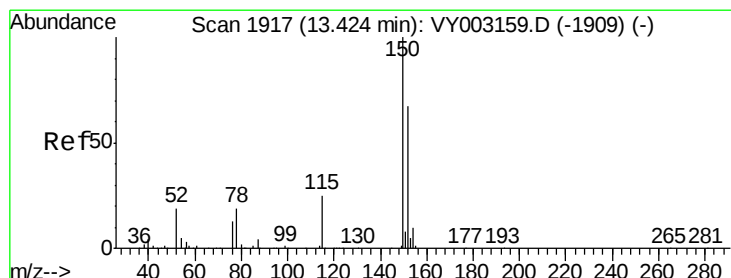
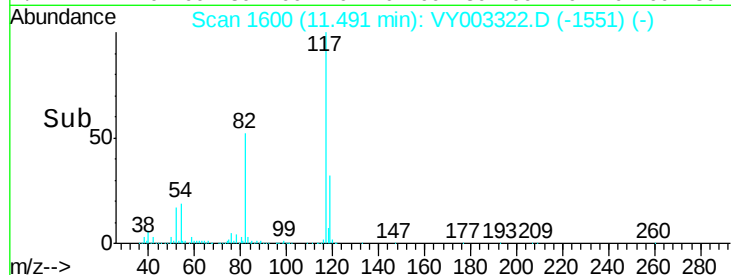
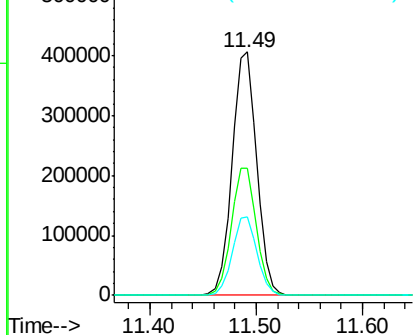
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003322.D
Acq: 23 Jul 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
20

Tot Ion:117 Resp: 657422
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.3 25.5 38.3

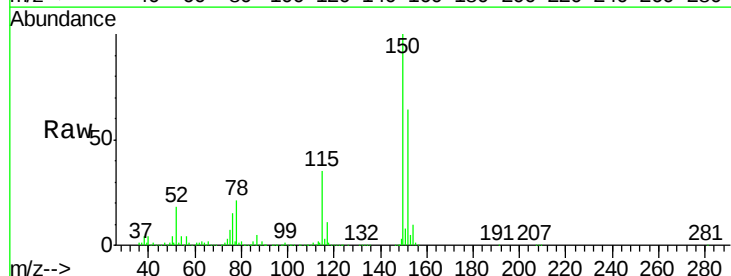


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

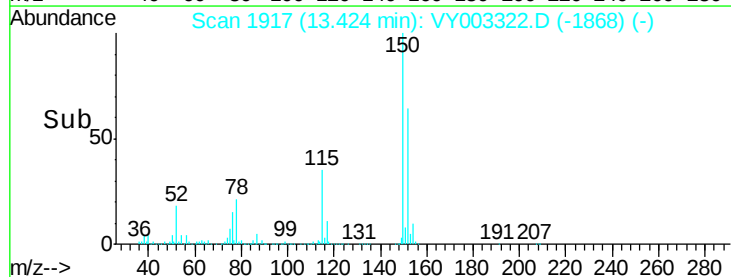
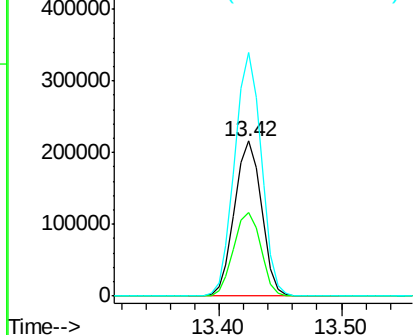


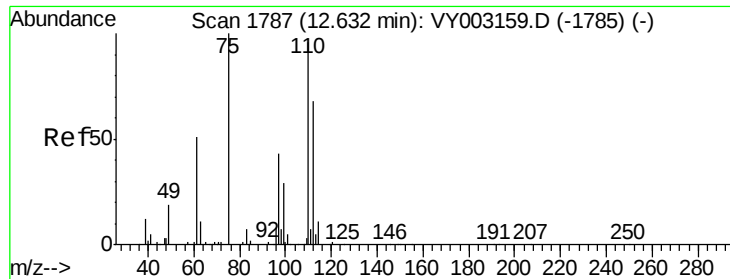
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003322.D
Acq: 23 Jul 2020 17:34

Tgt Ion:152 Resp: 330224
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 155.2 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: 48.641 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

Instrument :

MSVOA_Y

ClientSampled :

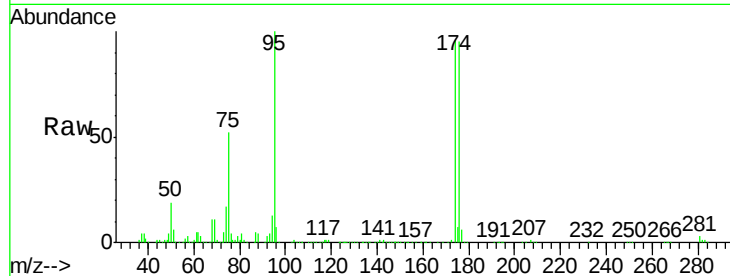
20

Tot Ion: 75 Resp: 142179

Ion Ratio Lower Upper

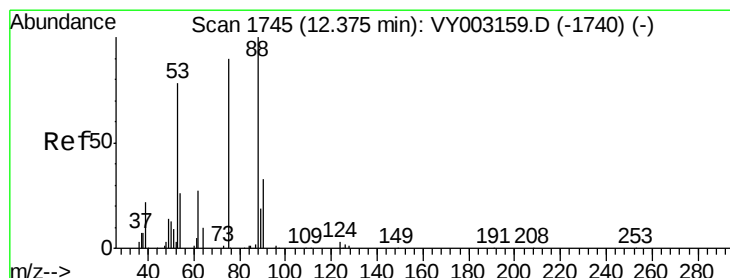
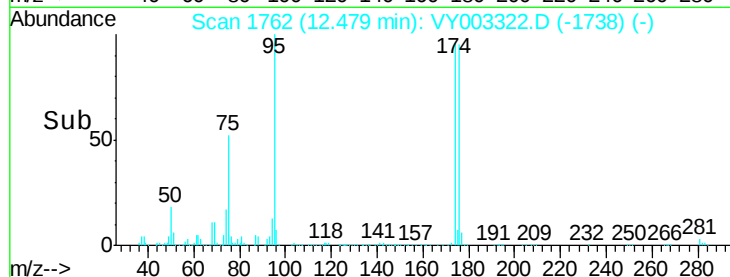
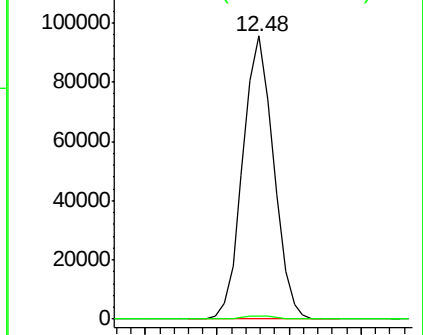
75 100

77 1.4 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: 94.664 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003322.D

Acq: 23 Jul 2020 17:34

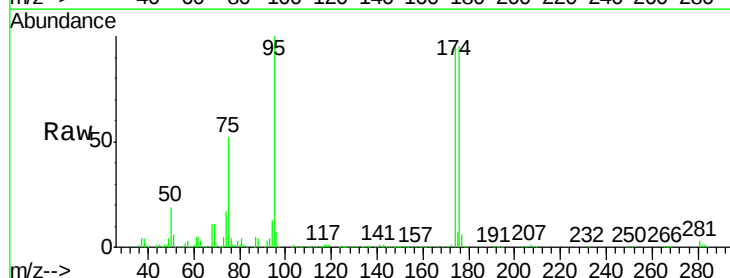
Tgt Ion: 75 Resp: 142179

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

