

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002946.D
 Acq On : 19 Jun 2020 18:36
 Operator : SY/MD
 Sample : L3046-01
 Misc : 7.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

Quant Time: Jun 20 03:58:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

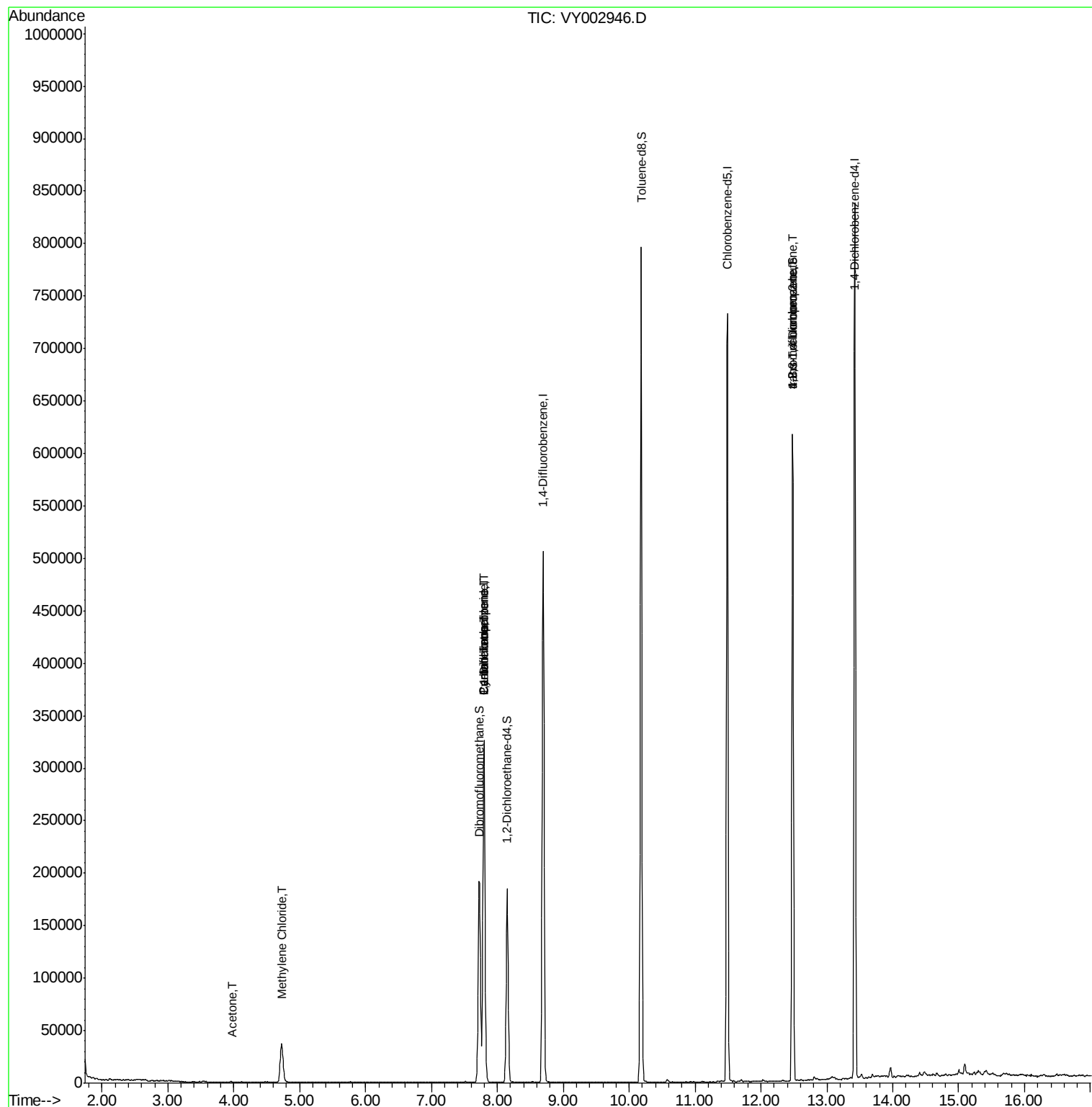
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	275932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	454257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140491	61.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.28%	
35) Dibromofluoromethane	7.73	113	141952	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
50) Toluene-d8	10.18	98	536340	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.48	95	191921	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	632	1.120	ug/l #	41
18) Methyl Acetate	4.48	43	416	Below Cal	#	65
20) Methylene Chloride	4.72	84	29825	4.926	ug/l	95
31) Cyclohexane	7.79	56	3992	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17192	4.660	ug/l #	48
38) Carbon Tetrachloride	7.80	117	24606	6.052	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	88918	45.775	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88918	87.394	ug/l #	16

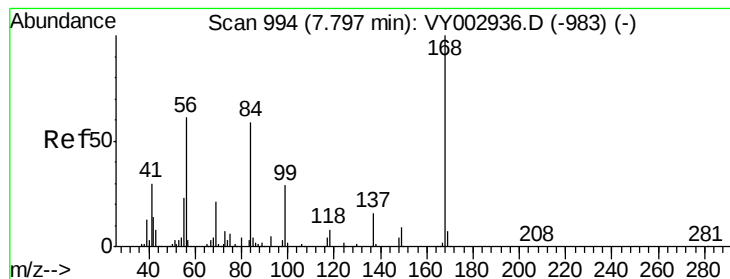
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

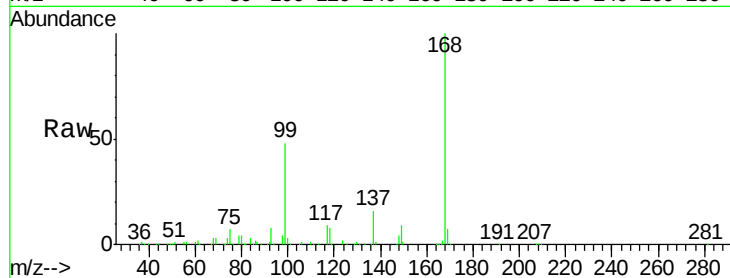
ISS-A-G1

Tgt Ion:168 Resp: 275932

Ion Ratio Lower Upper

168 100

99 47.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

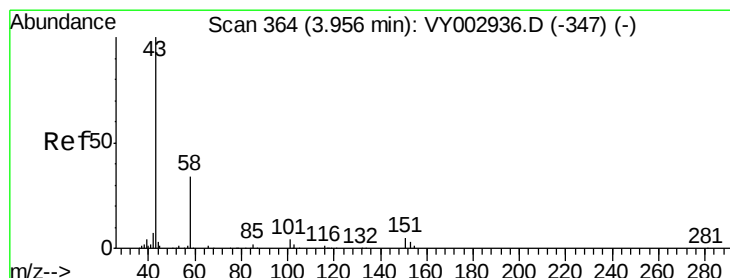
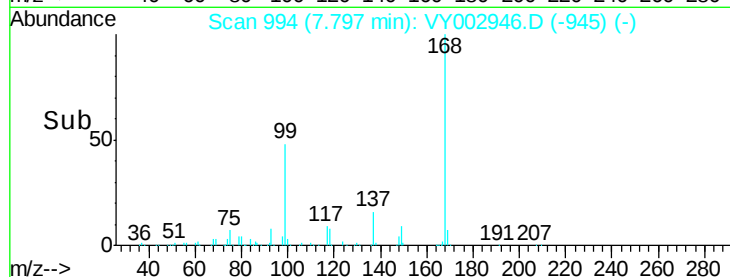
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 1.120 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002946.D

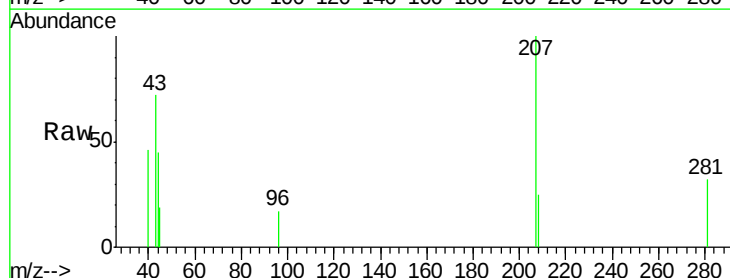
Acq: 19 Jun 2020 18:36

Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

43 100

58 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.96

300

250

200

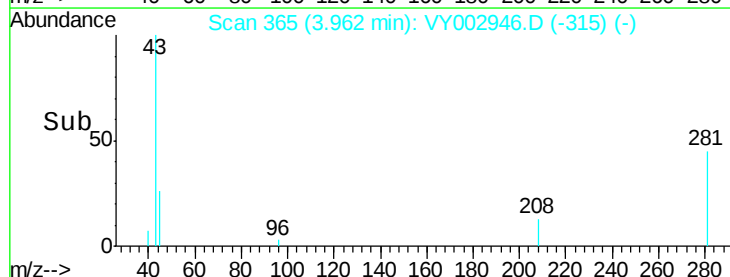
150

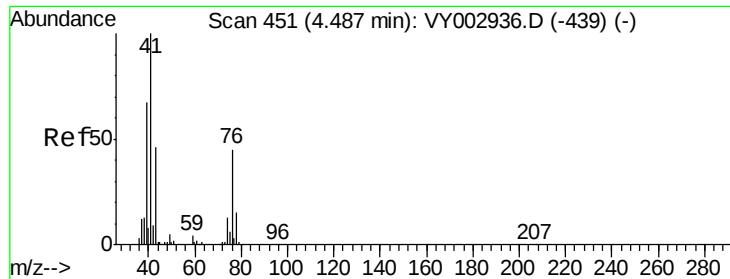
100

50

0

Time-->

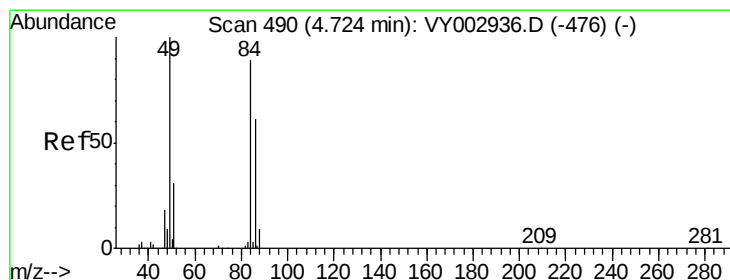
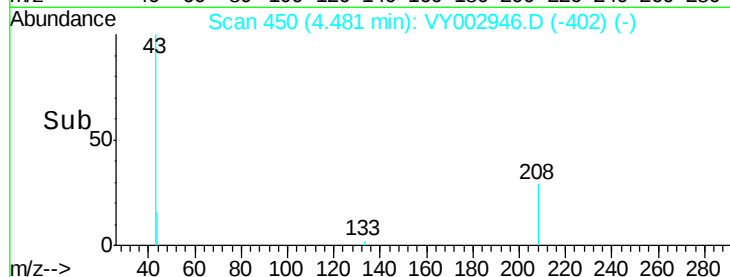
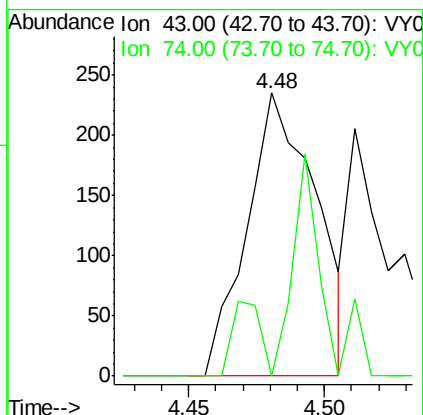
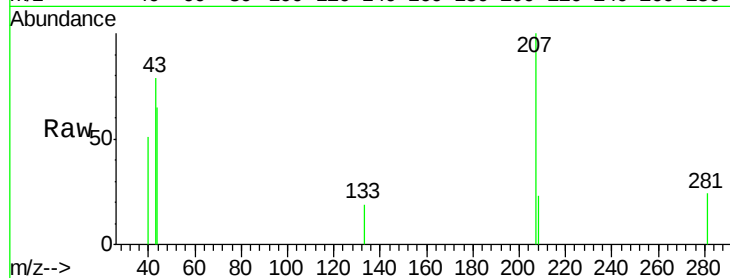




#18
Methyl Acetate
Concen: Below Cal
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002946.D
Acq: 19 Jun 2020 18:36

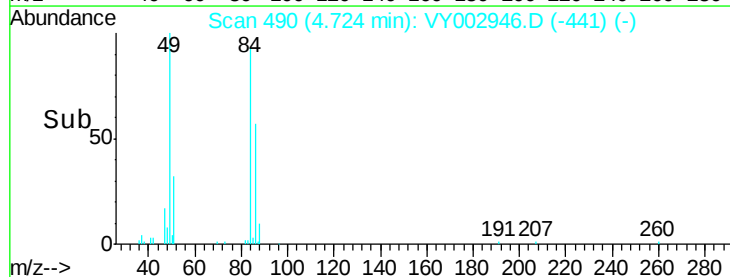
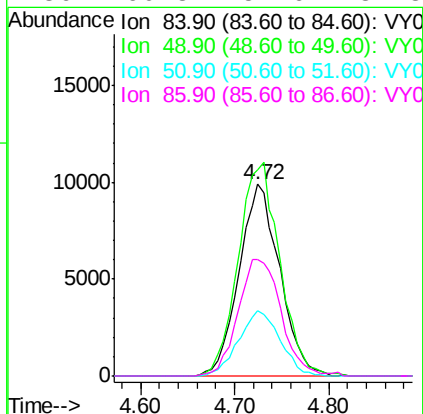
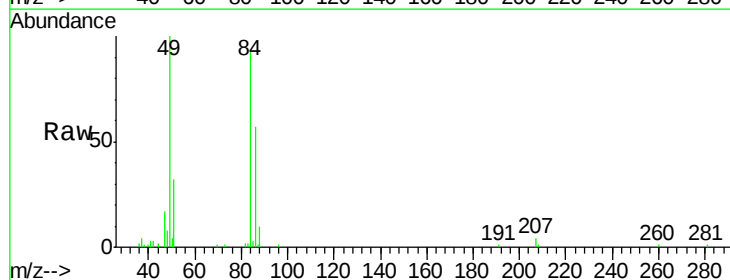
Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

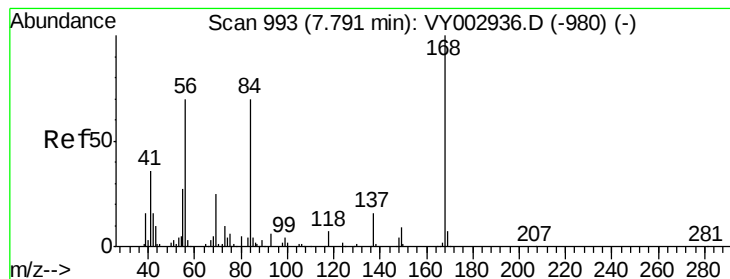
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
74 44.5 21.1 31.7#



#20
Methylene Chloride
Concen: 4.926 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002946.D
Acq: 19 Jun 2020 18:36

Tgt Ion: 84 Resp: 29825
Ion Ratio Lower Upper
84 100
49 107.7 90.0 135.0
51 34.1 27.9 41.9
86 60.8 54.6 81.8





#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G1

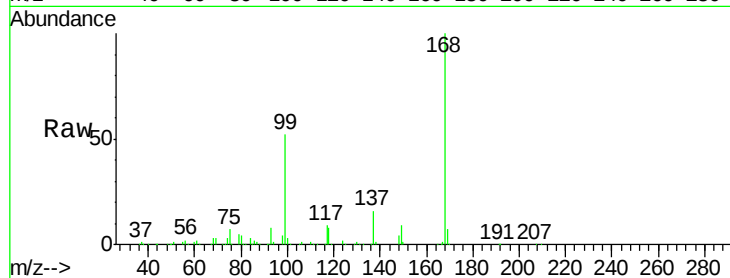
Tgt Ion: 56 Resp: 3992

Ion Ratio Lower Upper

56 100

69 200.0 28.9 43.3#

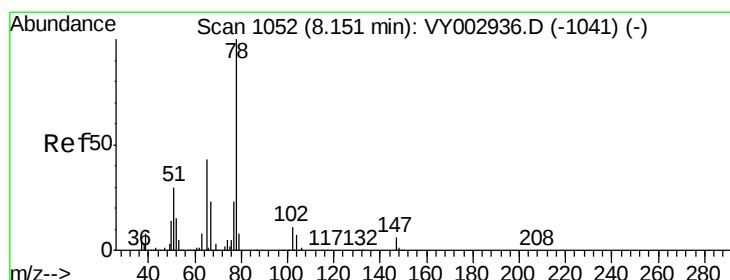
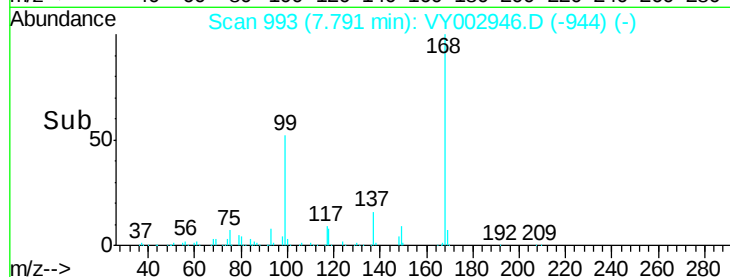
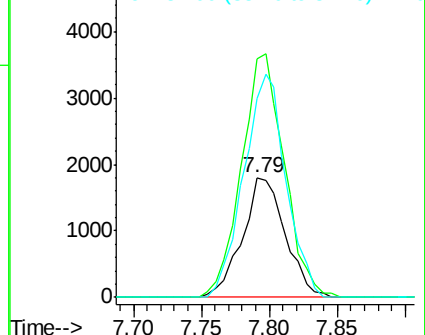
84 177.5 80.1 120.1#



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: 61.642 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002946.D

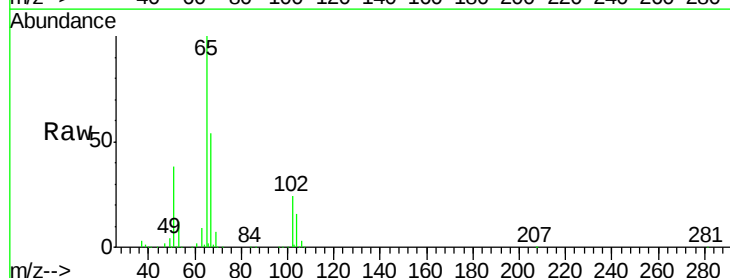
Acq: 19 Jun 2020 18:36

Tgt Ion: 65 Resp: 140491

Ion Ratio Lower Upper

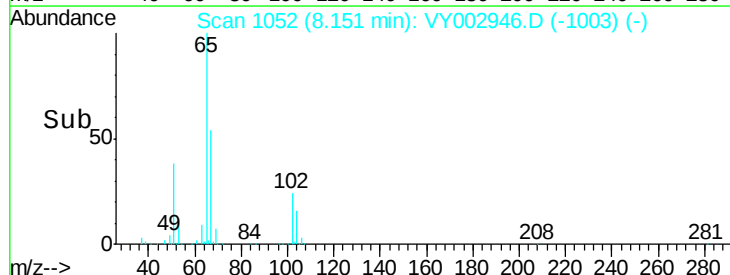
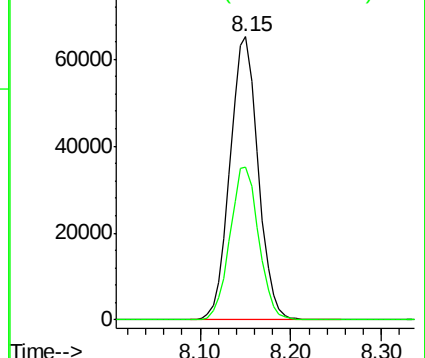
65 100

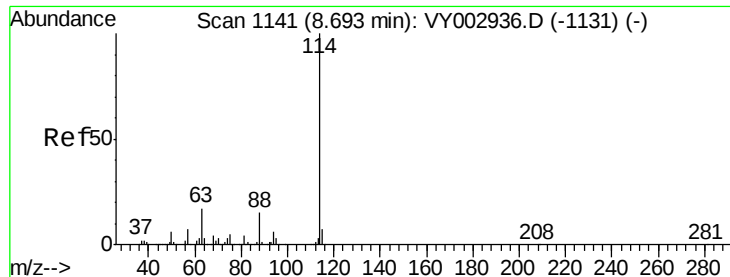
67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

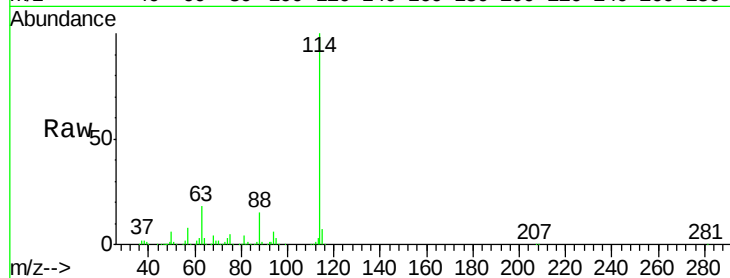




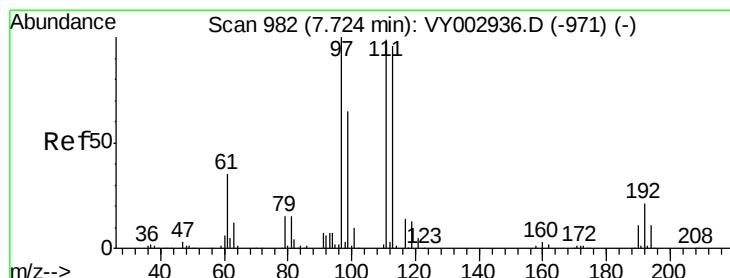
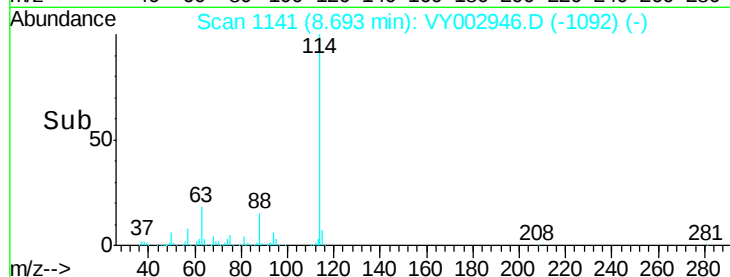
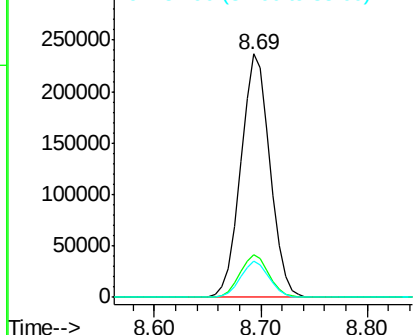
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002946.D
 Acq: 19 Jun 2020 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

Tgt Ion:114 Resp: 454257
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.6
 88 14.7 0.0 29.2

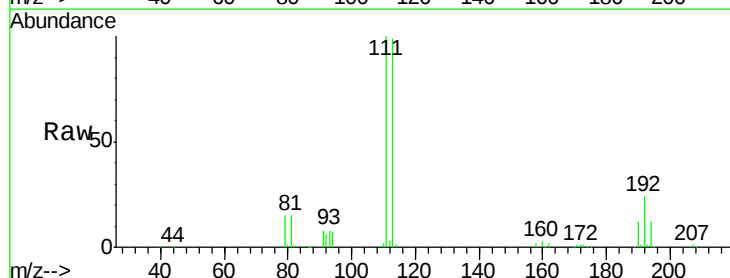


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

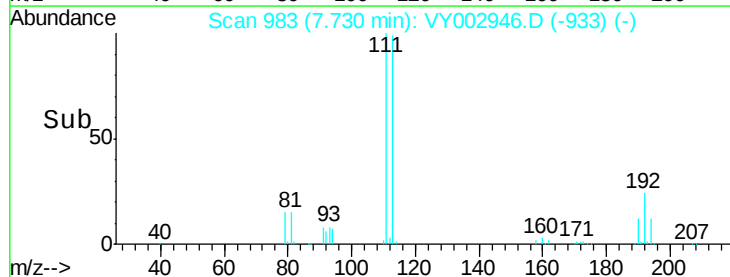
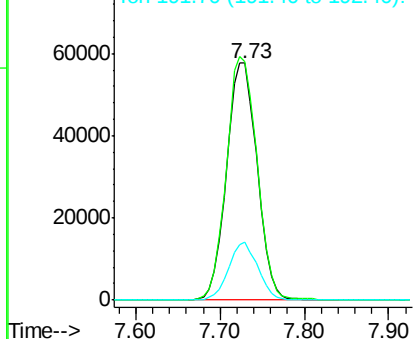


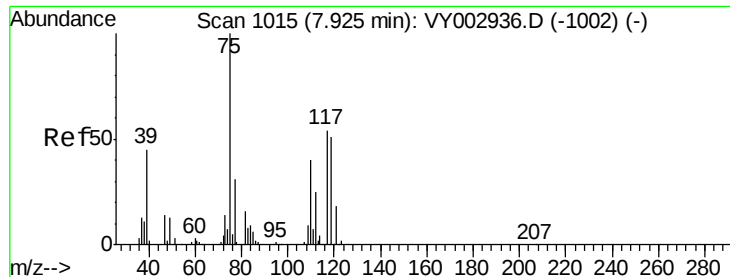
#35
 Dibromofluoromethane
 Concen: 55.228 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY002946.D
 Acq: 19 Jun 2020 18:36

Tgt Ion:113 Resp: 141952
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 23.2 19.2 28.8



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

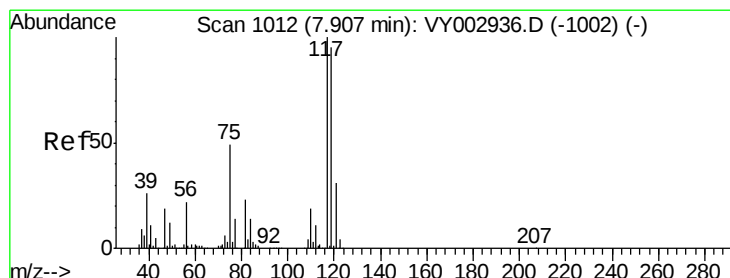
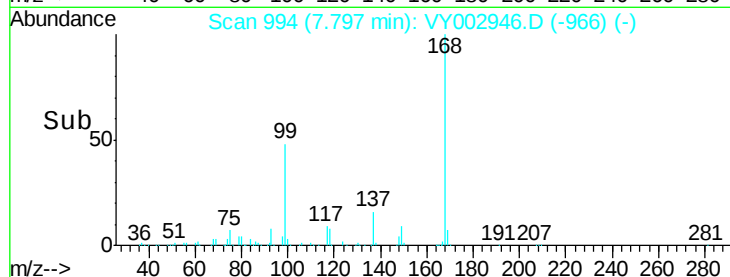
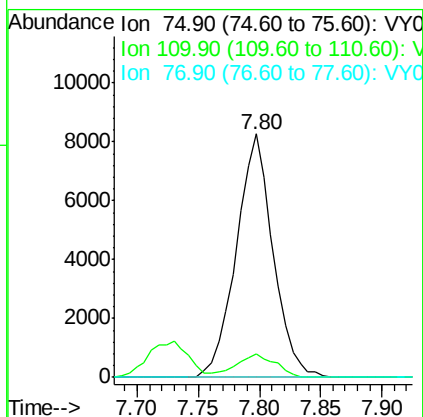
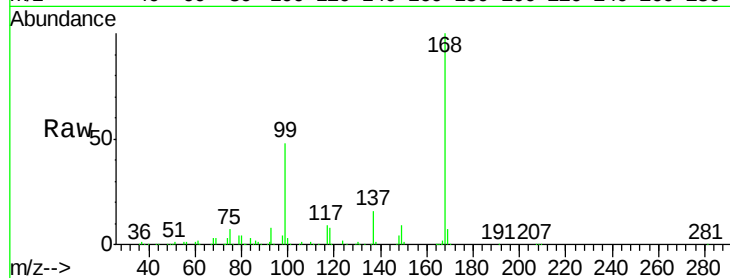




#36
 1,1-Dichloropropene
 Concen: 4.660 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002946.D
 Acq: 19 Jun 2020 18:36

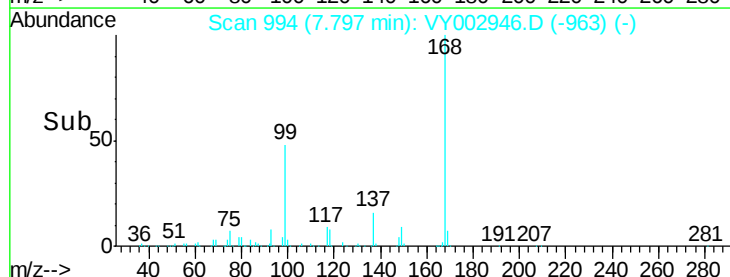
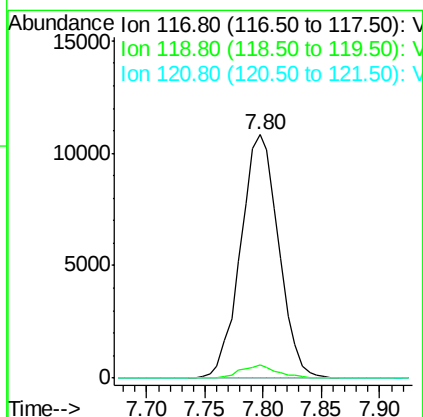
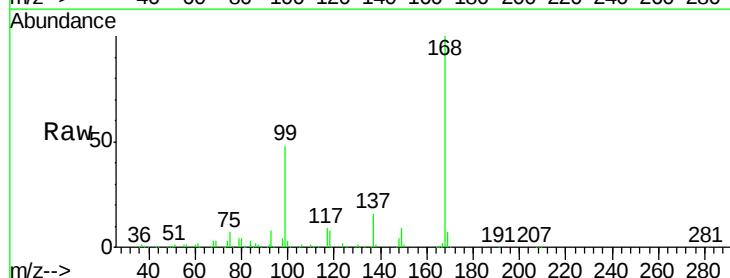
Instrument :
 MSVOA_Y
 ClientSampled :
 ISS-A-G1

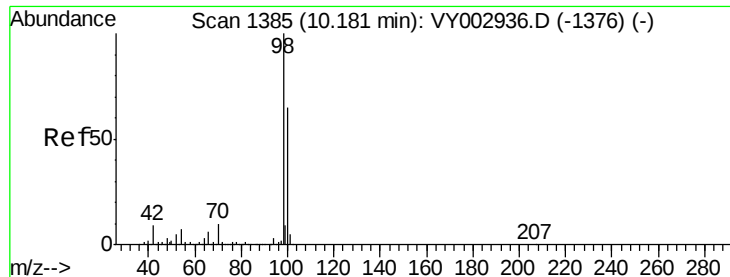
Tgt Ion: 75 Resp: 17192
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.7 59.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.052 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002946.D
 Acq: 19 Jun 2020 18:36

Tgt Ion: 117 Resp: 24606
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.1 114.1#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.922 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

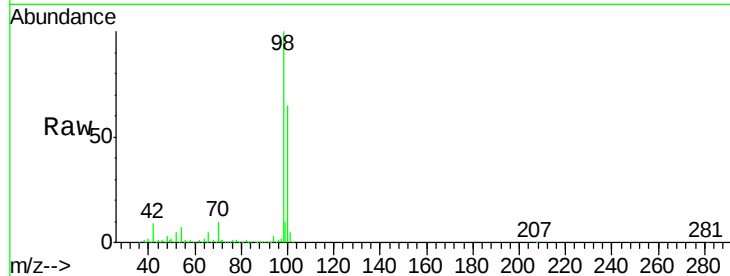
ISS-A-G1

Tgt Ion: 98 Resp: 536340

Ion Ratio Lower Upper

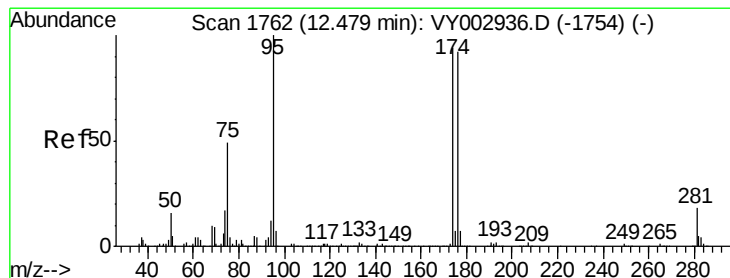
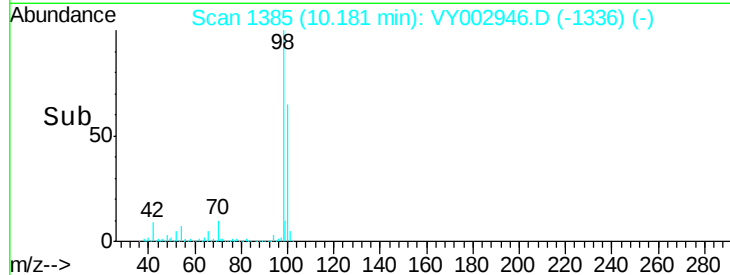
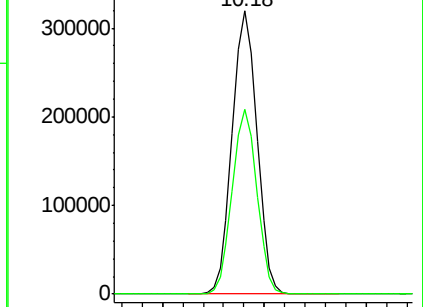
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY002936.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002936.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 54.594 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

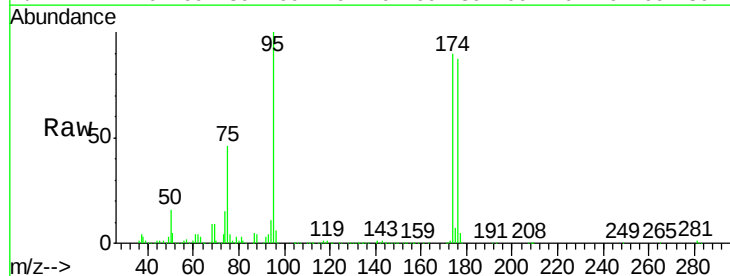
Tgt Ion: 95 Resp: 191921

Ion Ratio Lower Upper

95 100

174 93.4 0.0 191.2

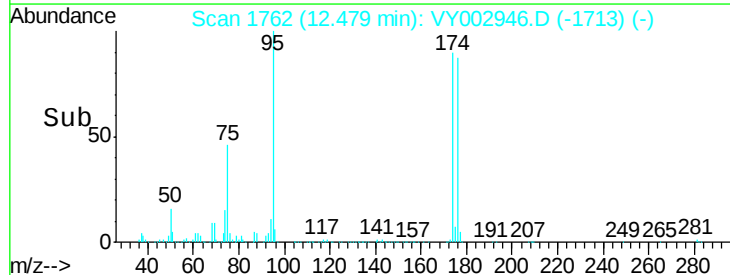
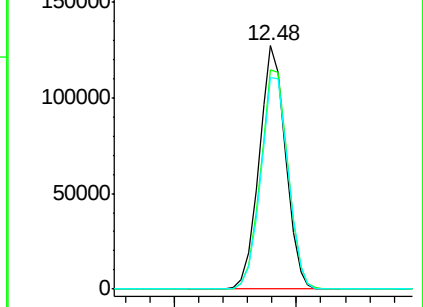
176 90.4 0.0 186.0

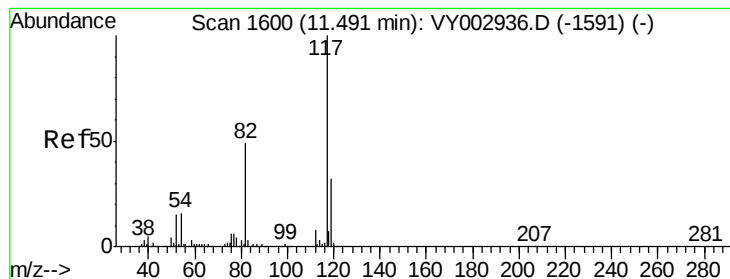


Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

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ClientSampleId :

ISS-A-G1

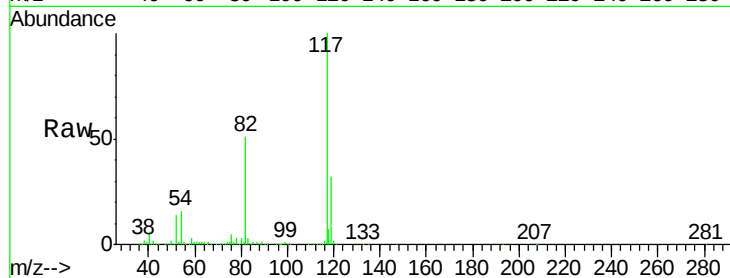
Tgt Ion:117 Resp: 433940

Ion Ratio Lower Upper

117 100

82 50.6 39.4 59.0

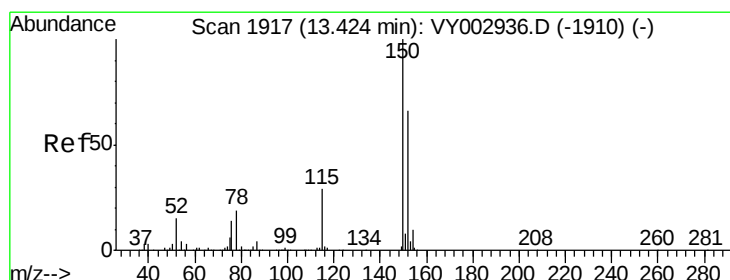
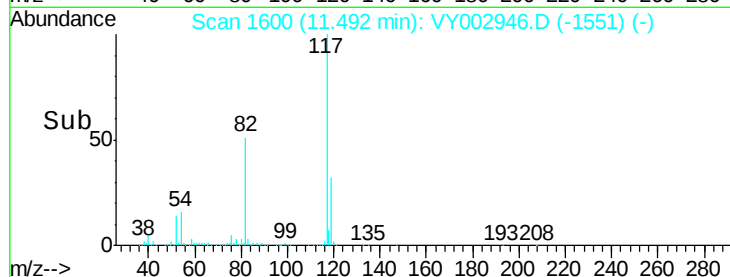
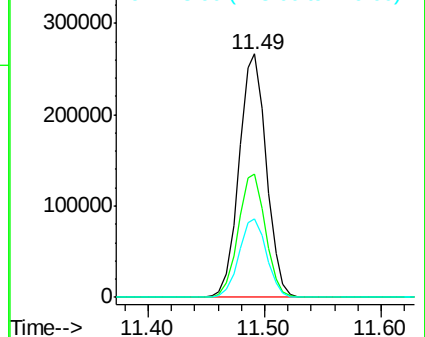
119 32.3 25.4 38.0



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: VY002946.D

Acq: 19 Jun 2020 18:36

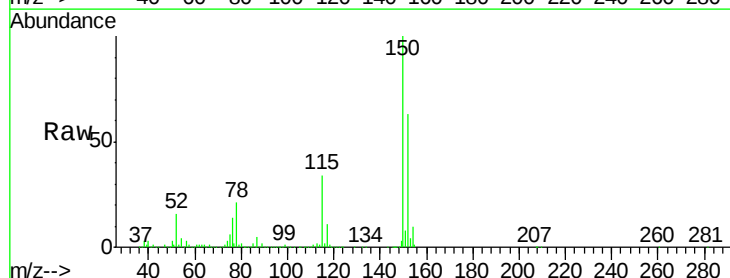
Tgt Ion:152 Resp: 223046

Ion Ratio Lower Upper

152 100

115 54.4 26.9 80.6

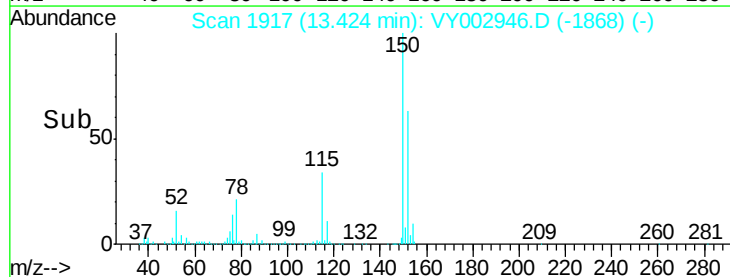
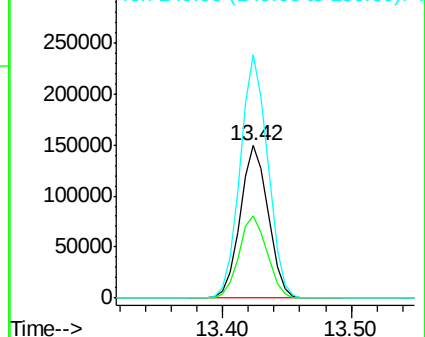
150 158.1 0.0 341.8

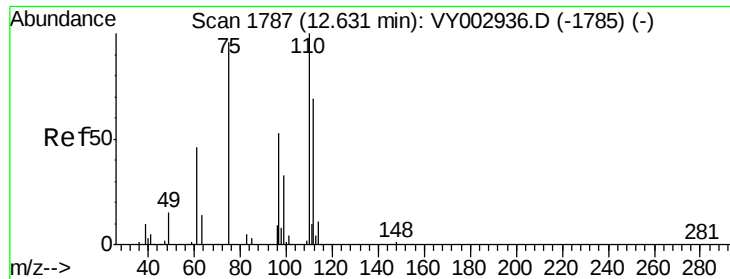


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 45.775 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

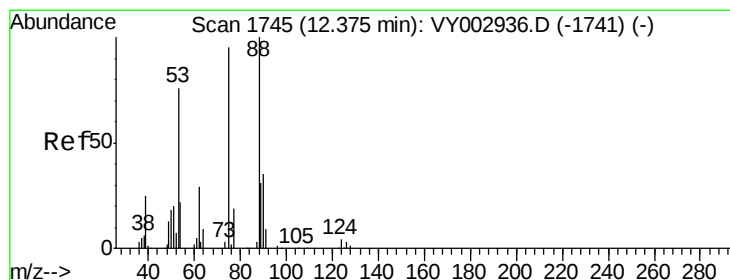
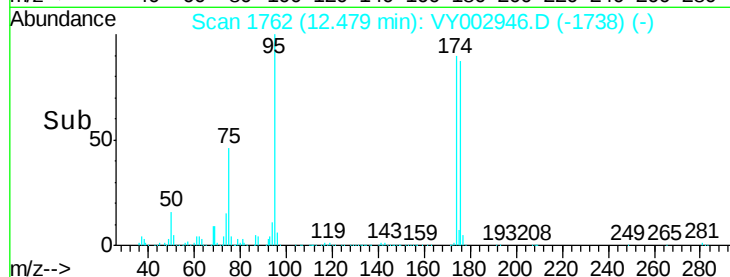
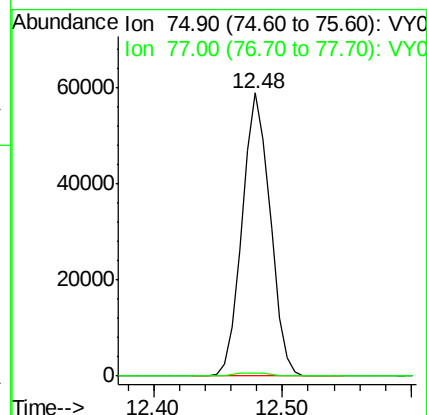
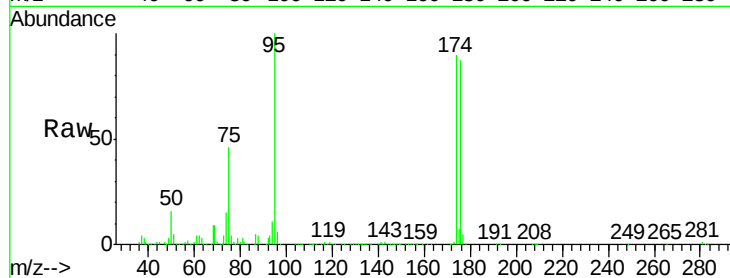
ISS-A-G1

Tgt Ion: 75 Resp: 88918

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.394 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Tgt Ion: 75 Resp: 88918

Ion Ratio Lower Upper

75 100

53 0.1 65.1 97.7#

89 0.0 38.4 57.6#

