

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002952.D
 Acq On : 19 Jun 2020 20:59
 Operator : SY/MD
 Sample : L3046-07
 Misc : 9.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G1

Quant Time: Jun 20 03:59:17 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

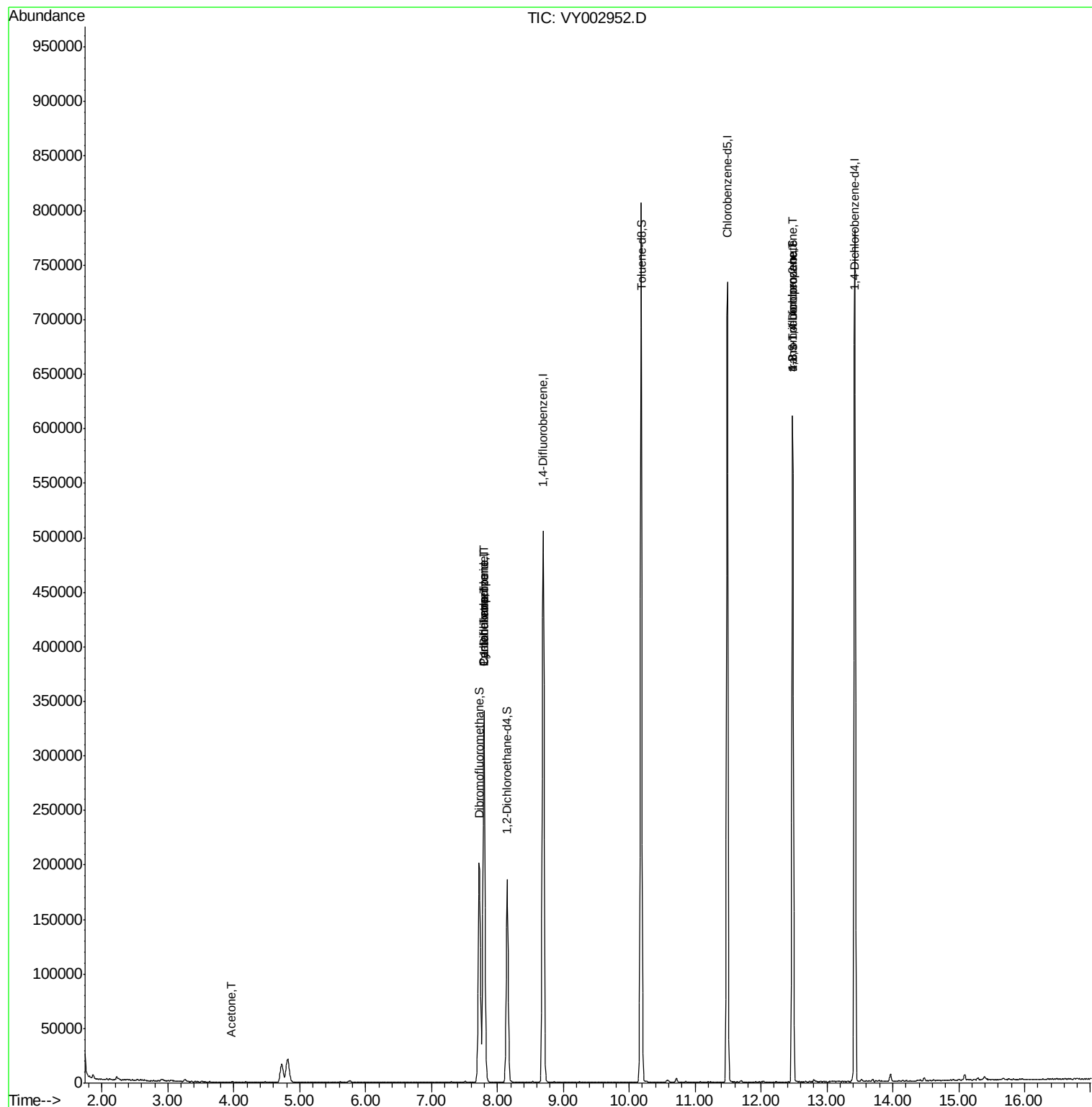
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	280526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142594	61.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.08%	
35) Dibromofluoromethane	7.72	113	145695	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
50) Toluene-d8	10.18	98	541062	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.48	95	186315	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	609	1.061 ug/l	#	41
18) Methyl Acetate	4.49	43	746	Below Cal	#	49
20) Methylene Chloride	4.72	84	14001	Below Cal		93
31) Cyclohexane	7.80	56	4246	1.067 ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	17032	4.525 ug/l	#	48
38) Carbon Tetrachloride	7.80	117	25790	6.217 ug/l	#	17
76) 1,2,3-Trichloropropane	12.48	75	87931	47.854 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87931	91.364 ug/l	#	16

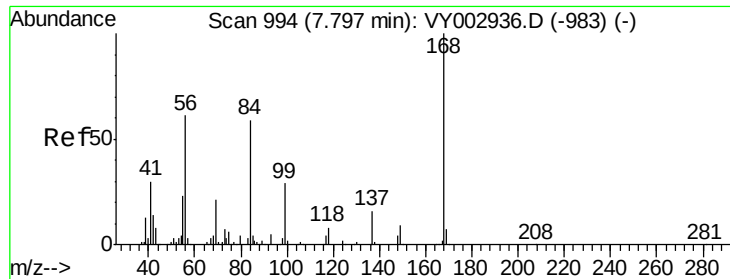
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002952.D

Acq: 19 Jun 2020 20:59

Instrument :

MSVOA_Y

ClientSampled :

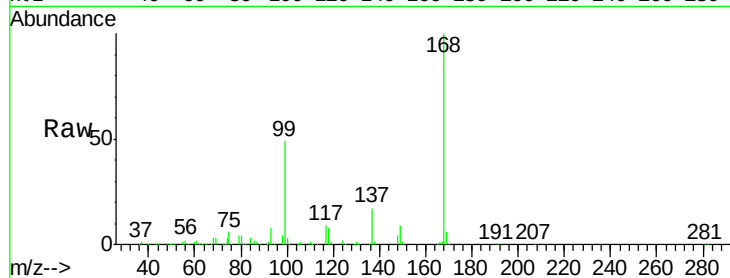
ISS-C-G1

Tgt Ion:168 Resp: 280526

Ion Ratio Lower Upper

168 100

99 48.5 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

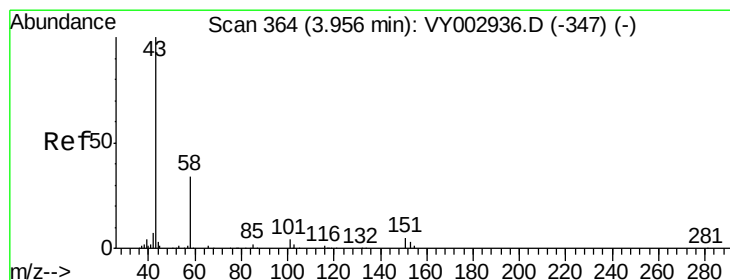
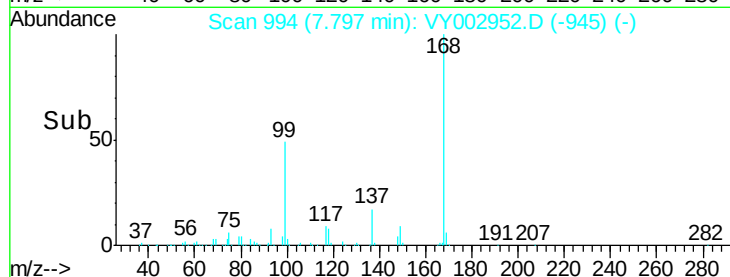
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.061 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002952.D

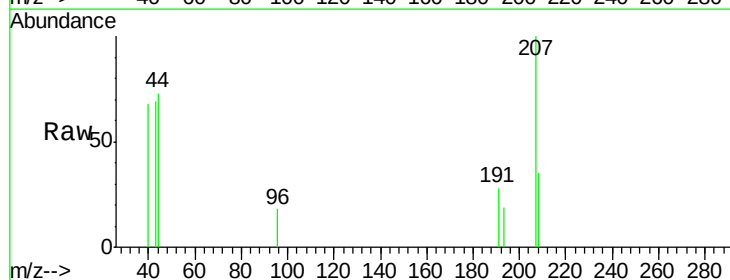
Acq: 19 Jun 2020 20:59

Tgt Ion: 43 Resp: 609

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

200

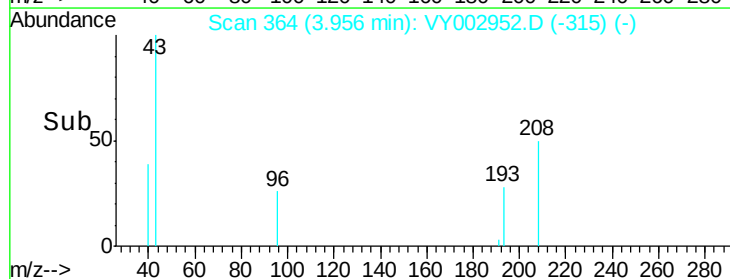
150

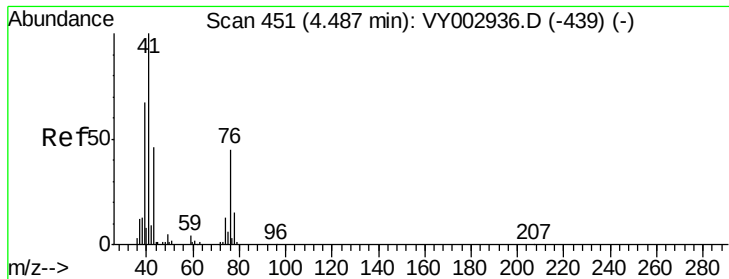
100

50

0

Time-->

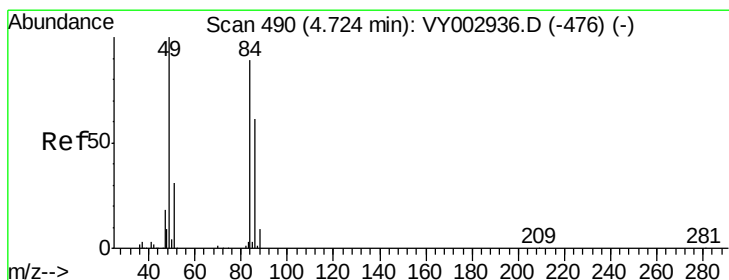
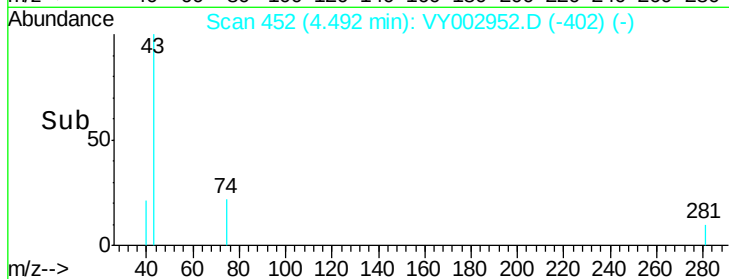
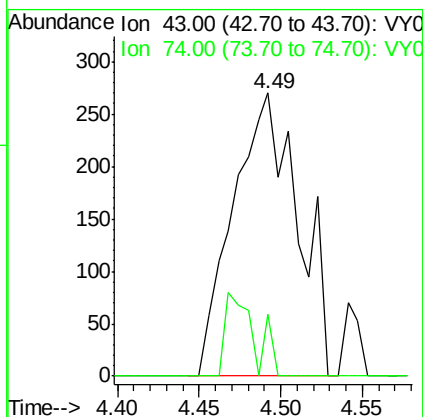
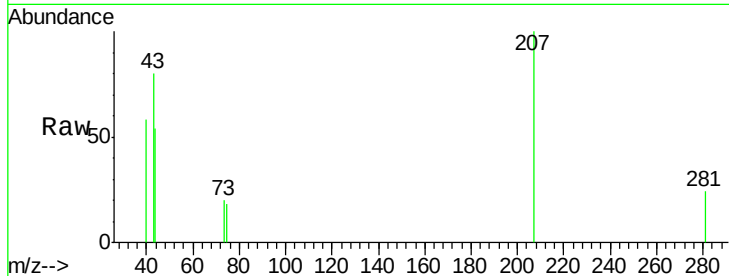




#18
Methyl Acetate
Concen: Below Cal
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

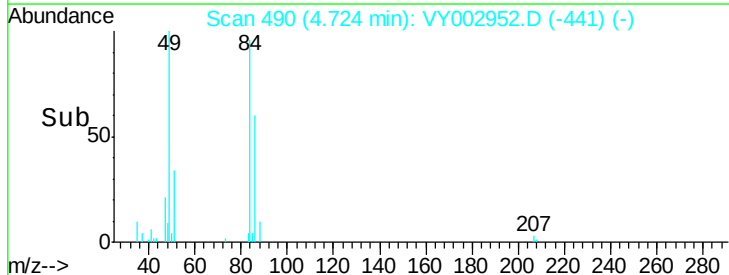
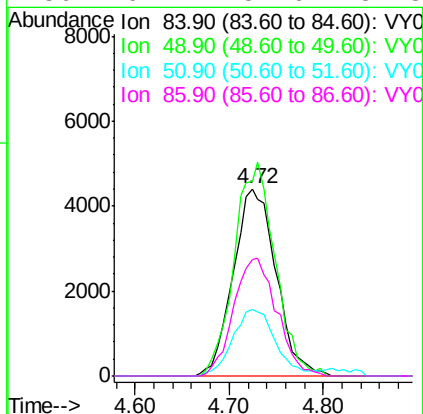
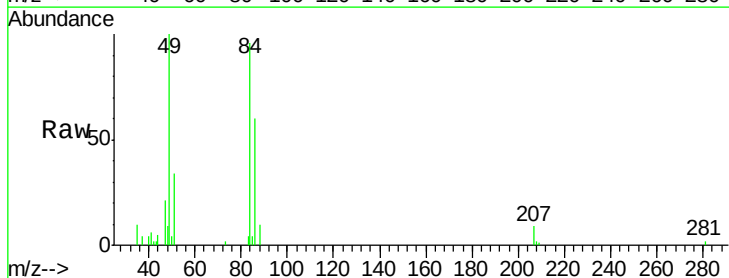
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

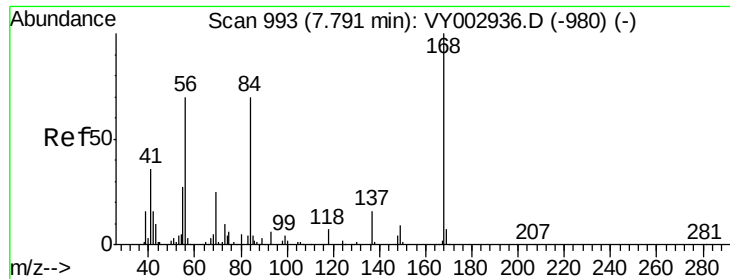
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

Tgt Ion: 84 Resp: 14001
Ion Ratio Lower Upper
84 100
49 104.1 90.0 135.0
51 35.8 27.9 41.9
86 62.1 54.6 81.8

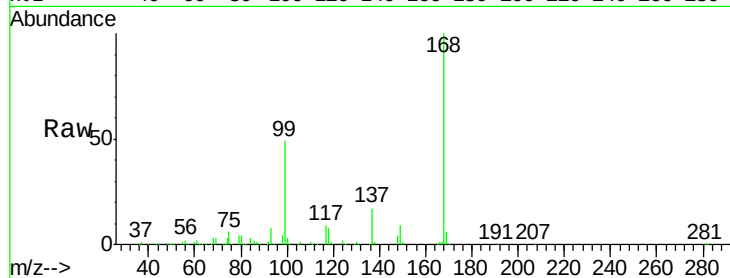




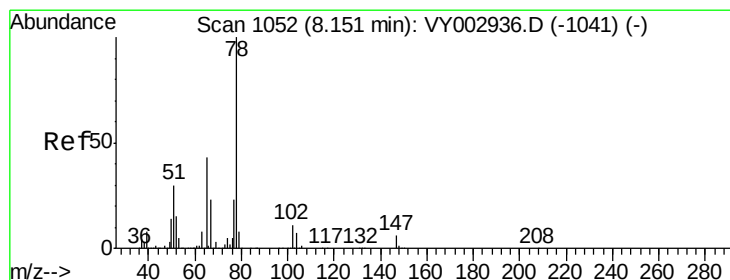
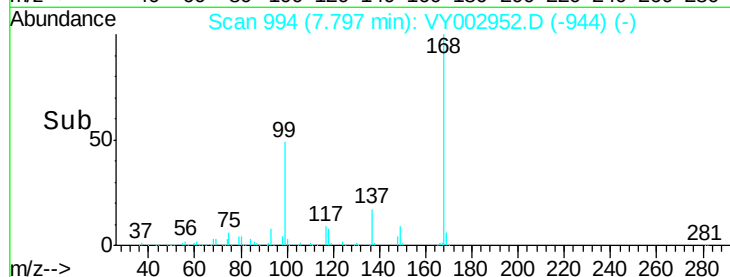
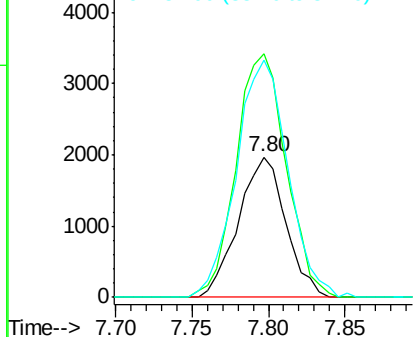
#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

Tgt Ion: 56 Resp: 4246
Ion Ratio Lower Upper
56 100
69 173.8 28.9 43.3#
84 169.1 80.1 120.1#

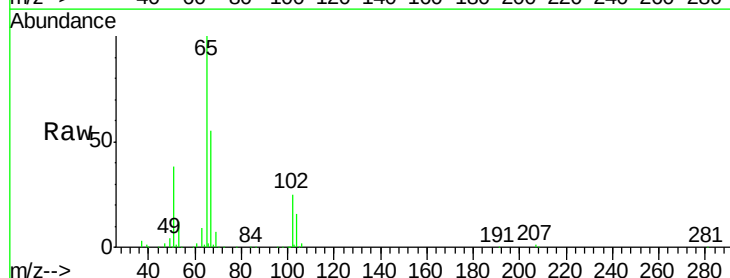


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

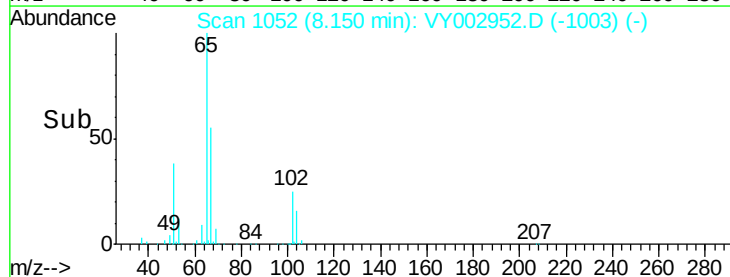
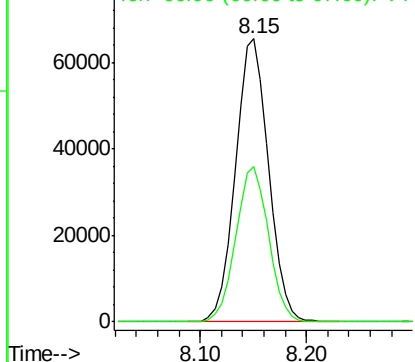


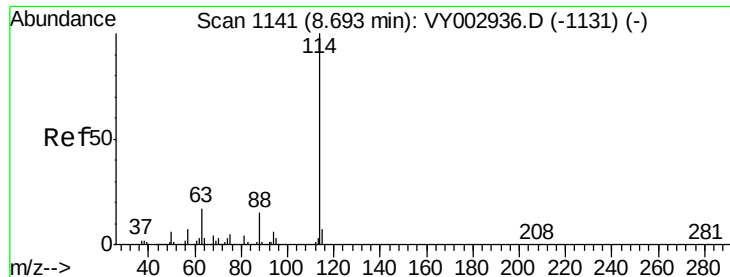
#33
1,2-Dichloroethane-d4
Concen: 61.540 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

Tgt Ion: 65 Resp: 142594
Ion Ratio Lower Upper
65 100
67 54.5 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: VY002952.D

Acq: 19 Jun 2020 20:59

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G1

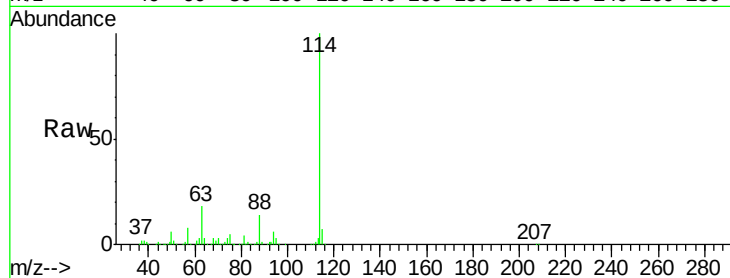
Tgt Ion:114 Resp: 463513

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.6

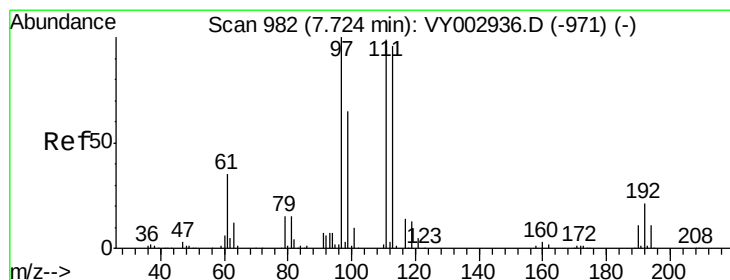
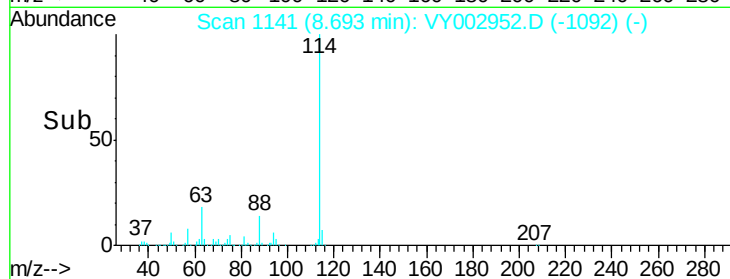
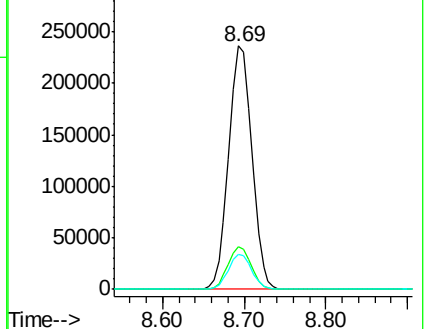
88 14.3 0.0 29.2



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: 55.552 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

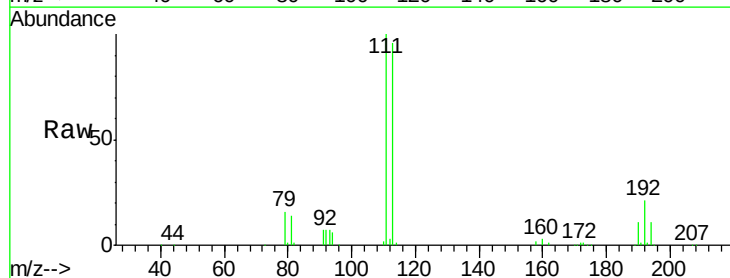
Tgt Ion:113 Resp: 145695

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

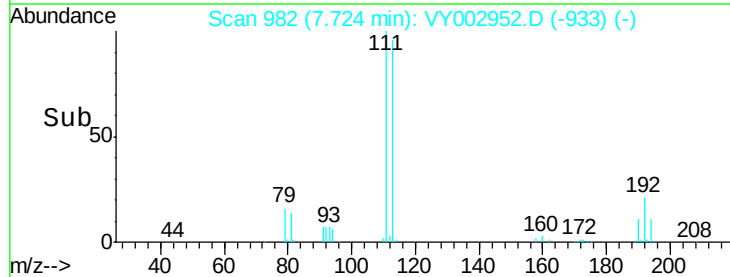
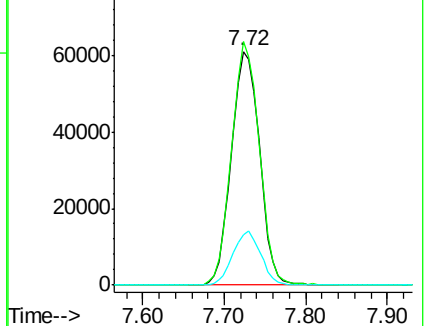
192 22.8 19.2 28.8

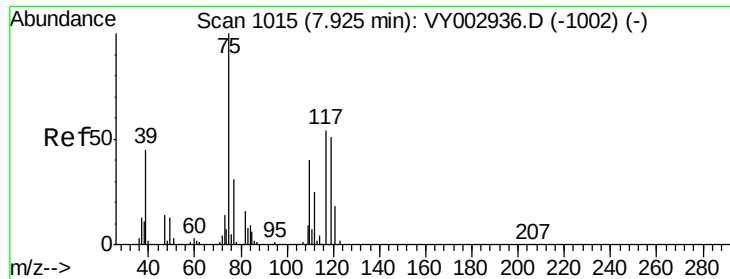


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G1

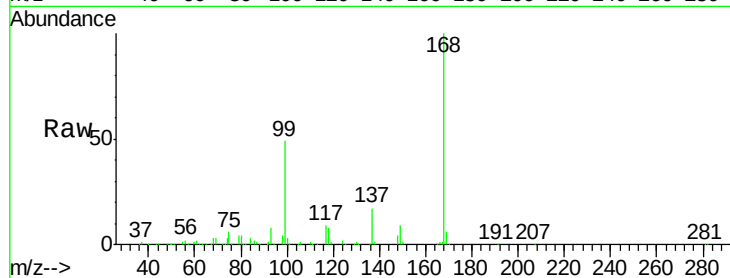
Tgt Ion: 75 Resp: 17032

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.0#

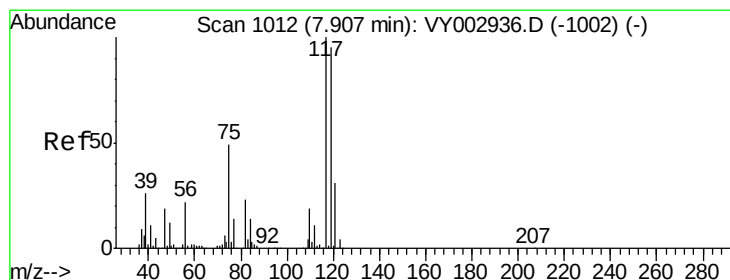
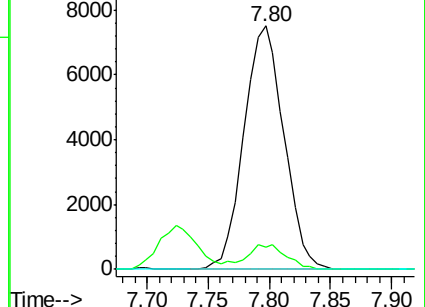
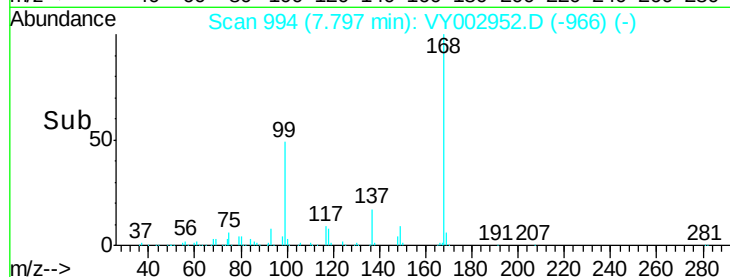
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY002952.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002952.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002952.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 6.217 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

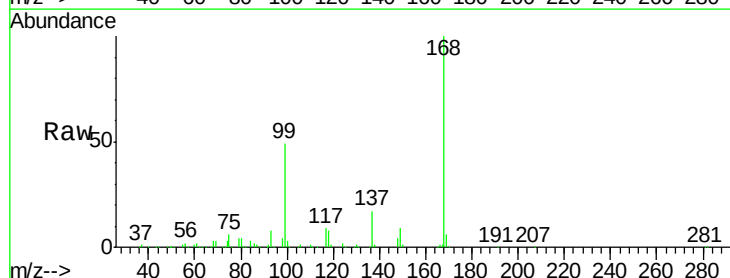
Tgt Ion: 117 Resp: 25790

Ion Ratio Lower Upper

117 100

119 6.2 76.1 114.1#

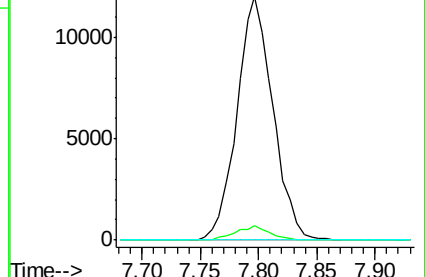
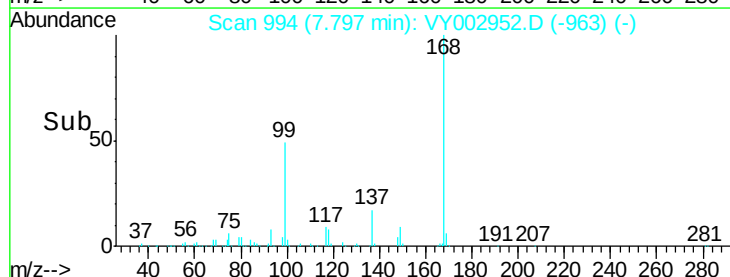
121 0.0 24.8 37.2#

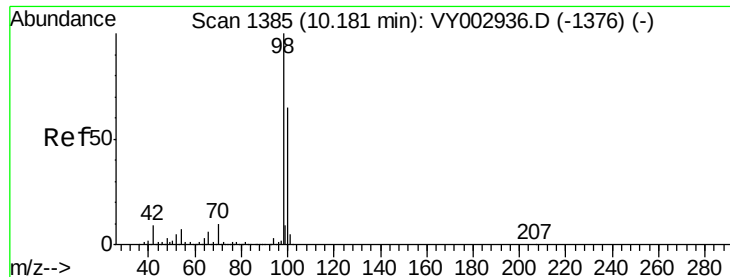


Abundance Ion 116.80 (116.50 to 117.50): VY002952.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002952.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002952.D (-963) (-)





#50

Toluene-d8

Concen: 52.322 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

Instrument :

MSVOA_Y

ClientSampleId :

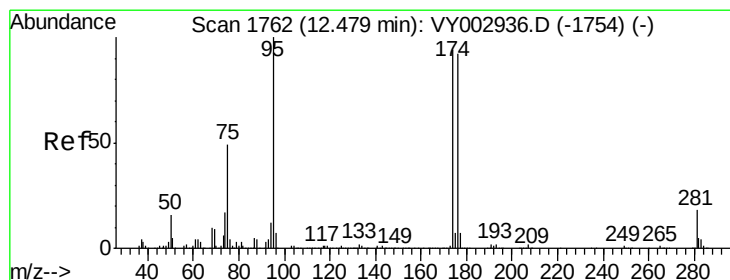
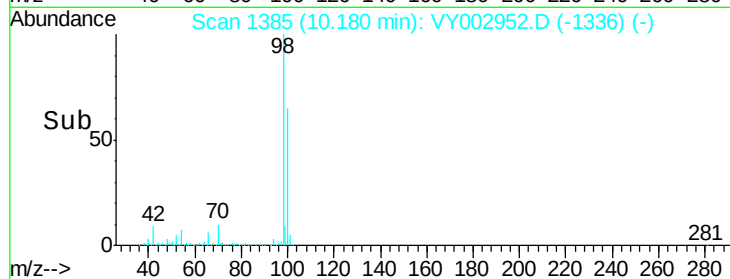
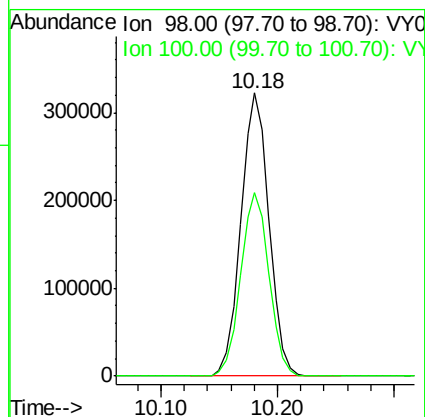
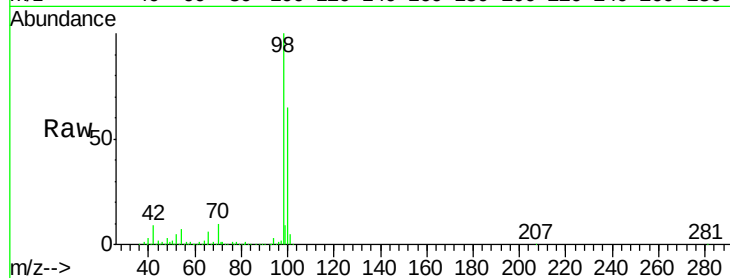
ISS-C-G1

Tgt Ion: 98 Resp: 541062

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.941 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

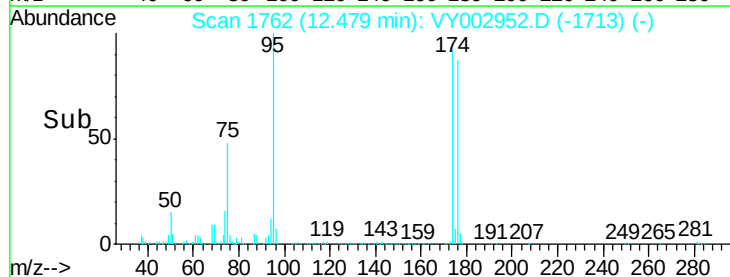
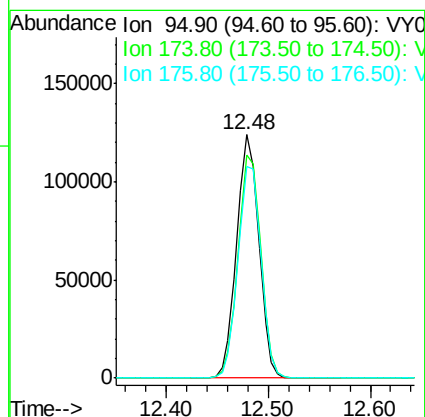
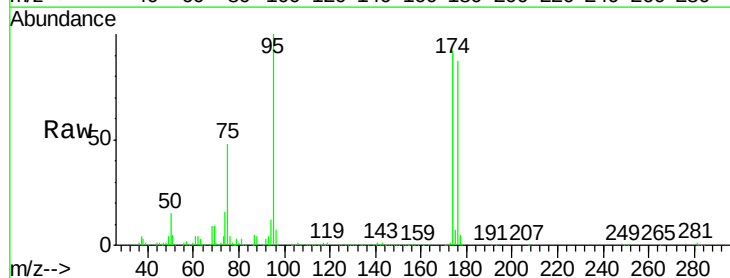
Tgt Ion: 95 Resp: 186315

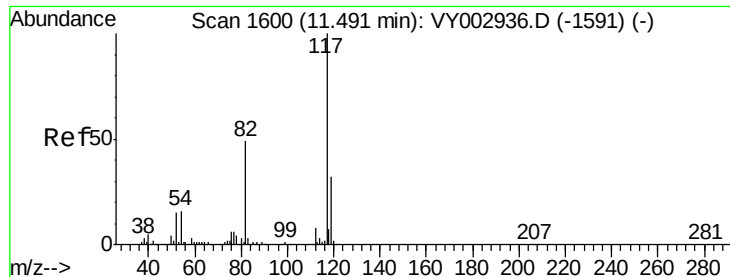
Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

176 90.3 0.0 186.0

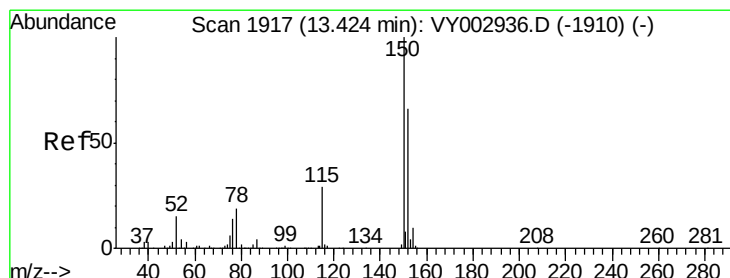
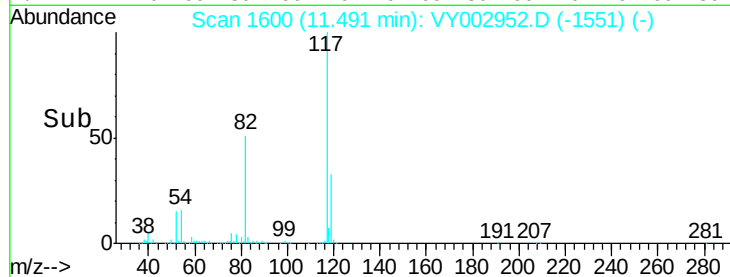
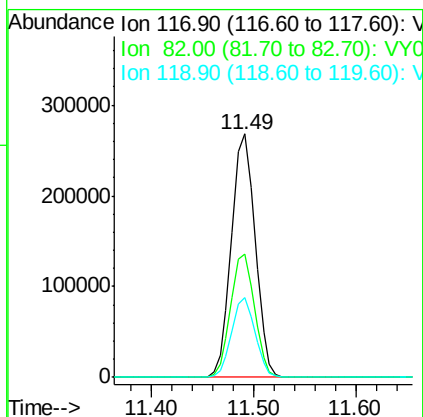
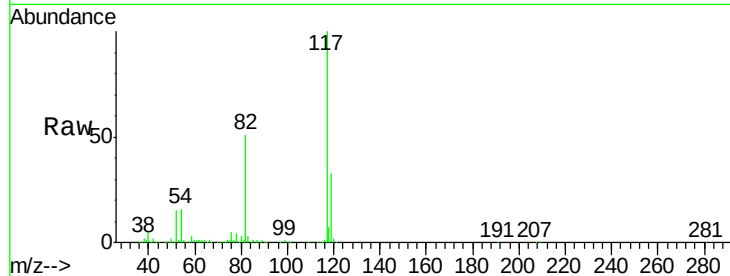




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

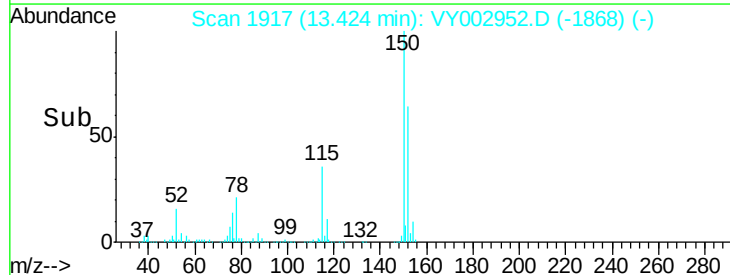
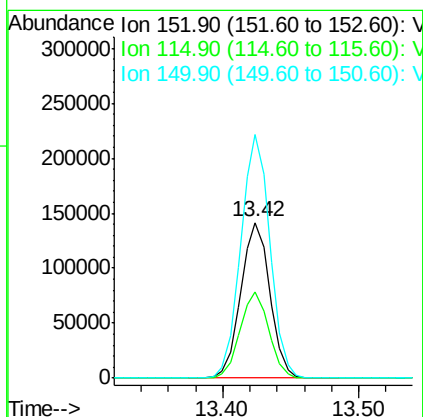
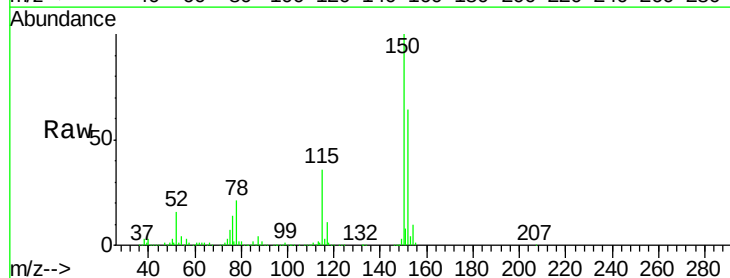
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

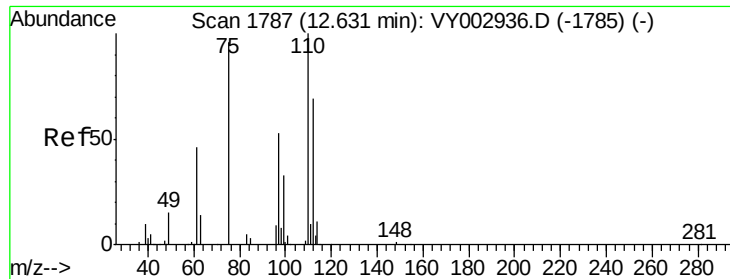
Tgt Ion:117 Resp: 431815
Ion Ratio Lower Upper
117 100
82 50.7 39.4 59.0
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002952.D
Acq: 19 Jun 2020 20:59

Tgt Ion:152 Resp: 210986
Ion Ratio Lower Upper
152 100
115 54.9 26.9 80.6
150 156.7 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 47.854 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

Instrument :

MSVOA_Y

ClientSampleId :

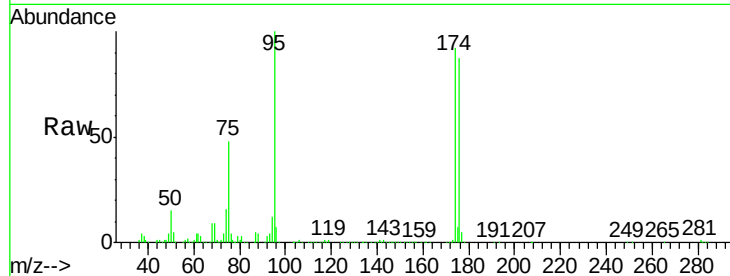
ISS-C-G1

Tgt Ion: 75 Resp: 87931

Ion Ratio Lower Upper

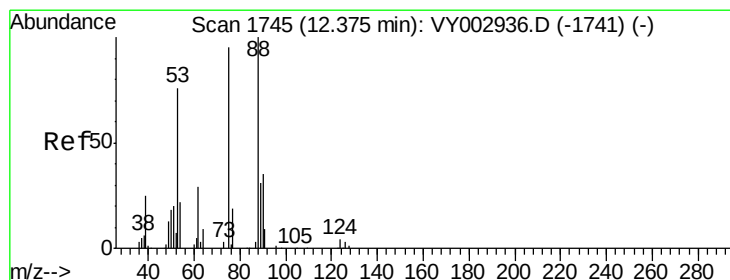
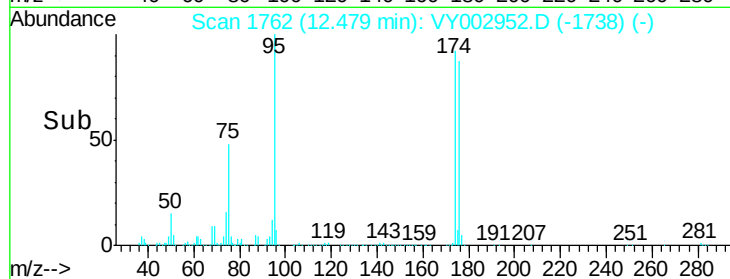
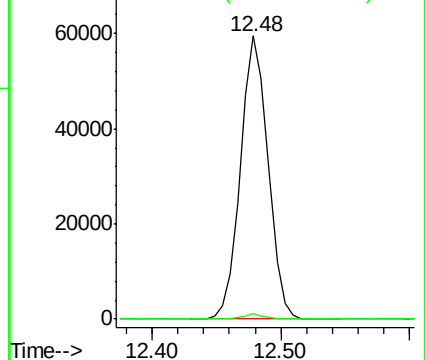
75 100

77 1.5 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: 91.364 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002952.D

Acq: 19 Jun 2020 20:59

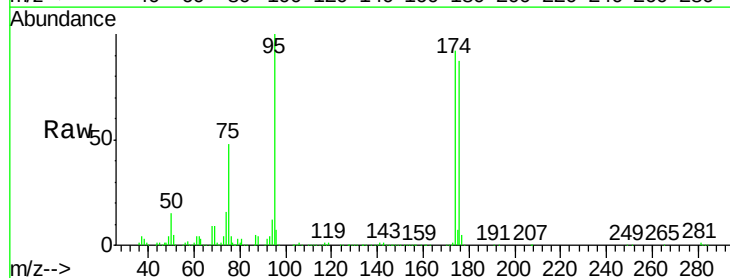
Tgt Ion: 75 Resp: 87931

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.1 38.4 57.6#



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

