

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002972.D
 Acq On : 22 Jun 2020 14:34
 Operator : SY/MD
 Sample : L3046-07RE
 Misc : 8.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G1

Quant Time: Jun 23 08:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

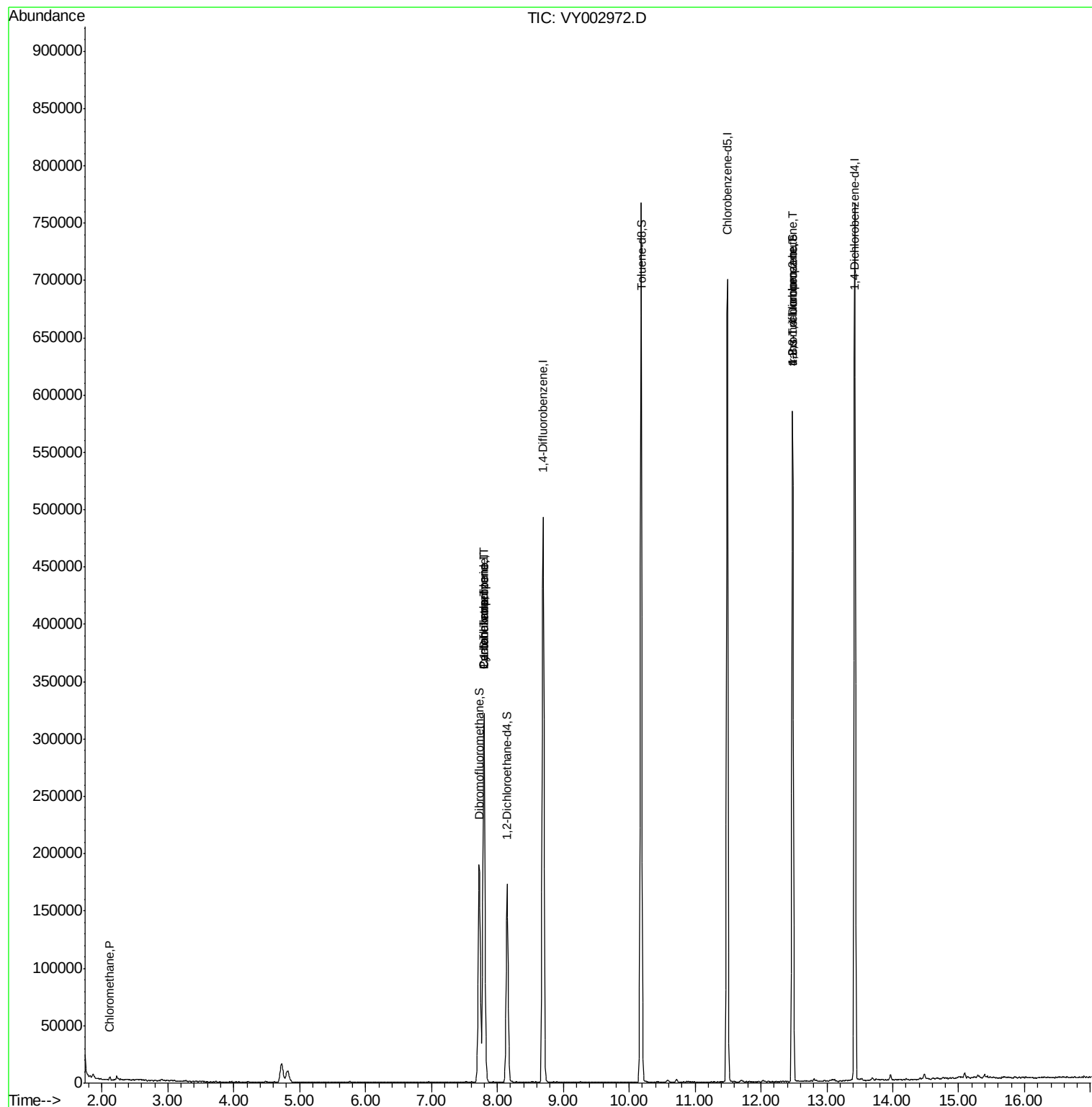
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	134746	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.08%	
35) Dibromofluoromethane	7.72	113	137816	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.18	98	516629	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.48	95	178328	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
Target Compounds						
3) Chloromethane	2.12	50	2600	1.322	ug/l	89
18) Methyl Acetate	4.47	43	860	Below Cal	#	54
20) Methylene Chloride	4.73	84	13186	Below Cal		96
31) Cyclohexane	7.79	56	4226	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16639	4.623	ug/l #	47
38) Carbon Tetrachloride	7.80	117	24091	6.074	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	83995	47.405	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83995	90.507	ug/l #	16

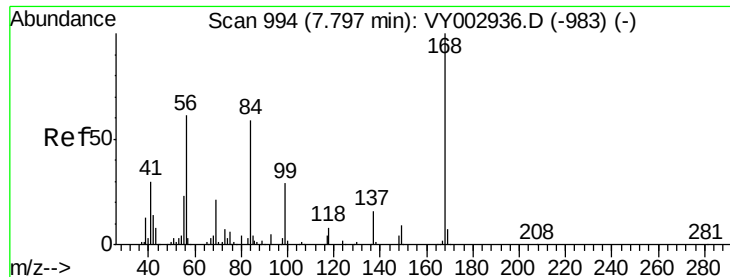
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
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Quant Time: Jun 23 08:12:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 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: VY002972.D

Acq: 22 Jun 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

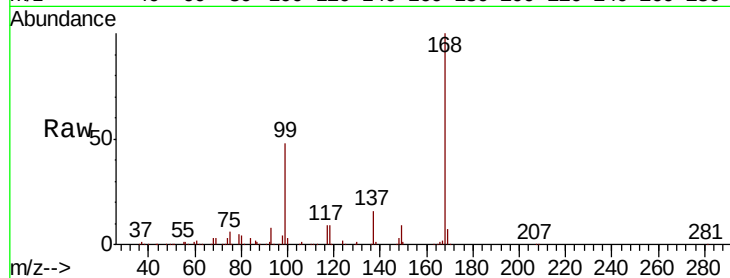
ISS-C-G1

Tot Ion:168 Resp: 271710

Ion Ratio Lower Upper

168 100

99 48.5 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002972.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002972.D (-945) (-)

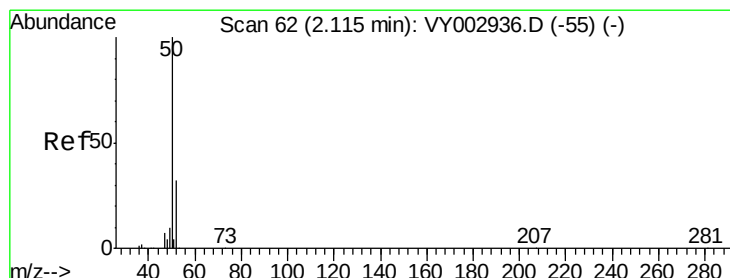
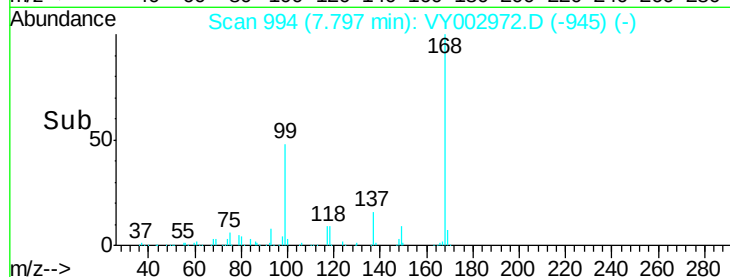
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.322 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002972.D

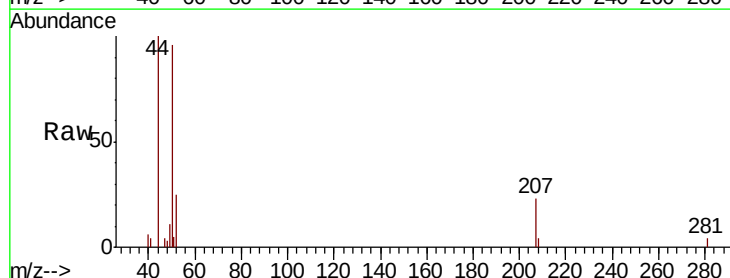
Acq: 22 Jun 2020 14:34

Tgt Ion: 50 Resp: 2600

Ion Ratio Lower Upper

50 100

52 26.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002972.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002972.D (-13) (-)

2.12

2000

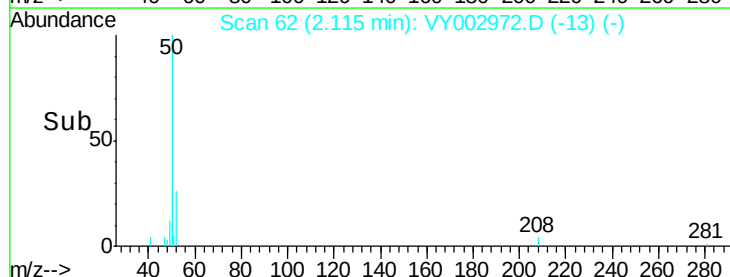
1500

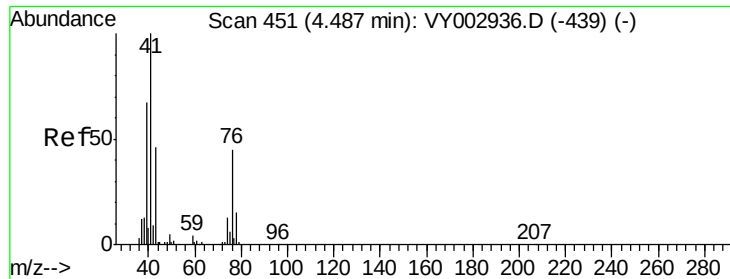
1000

500

0

Time-->

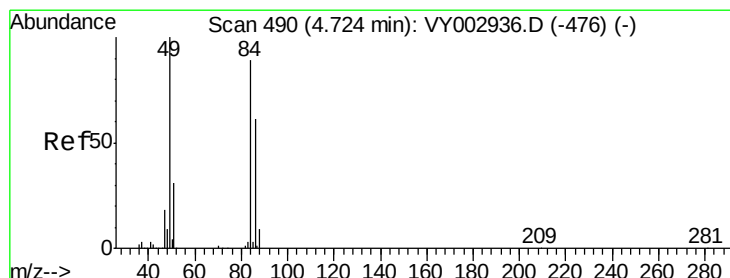
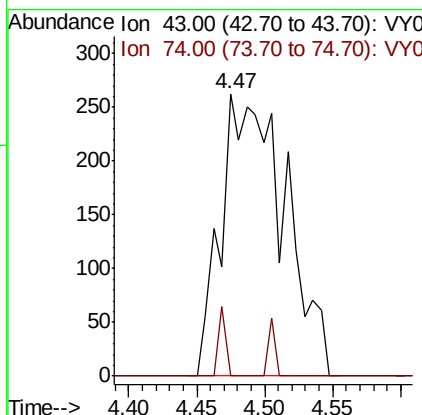
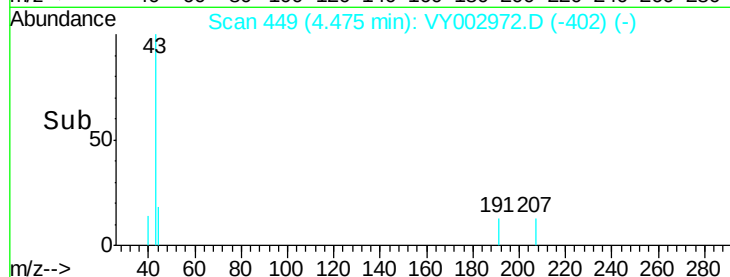
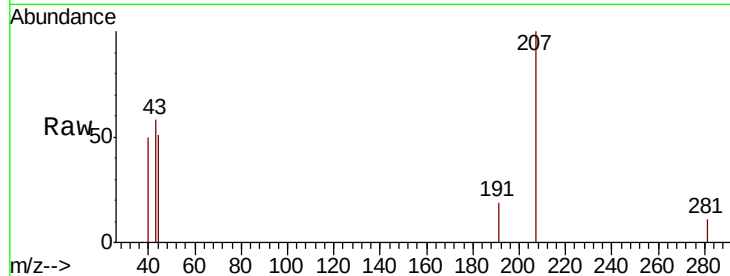




#18
Methyl Acetate
Concen: Below Cal
RT: 4.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: VY002972.D
Acq: 22 Jun 2020 14:34

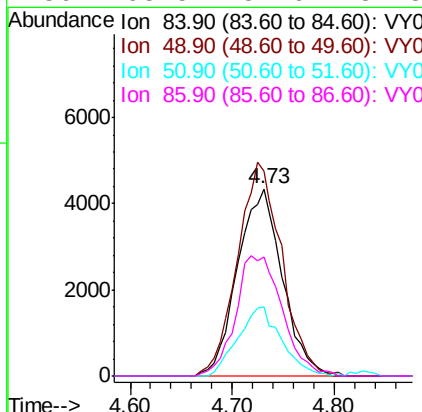
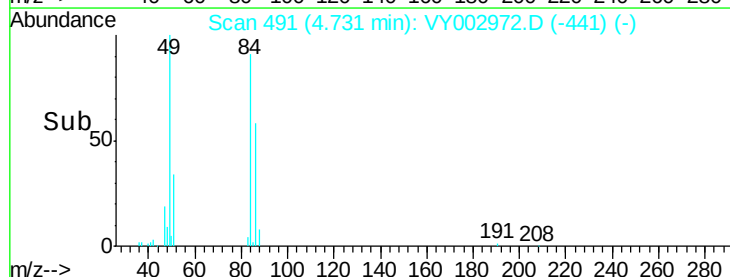
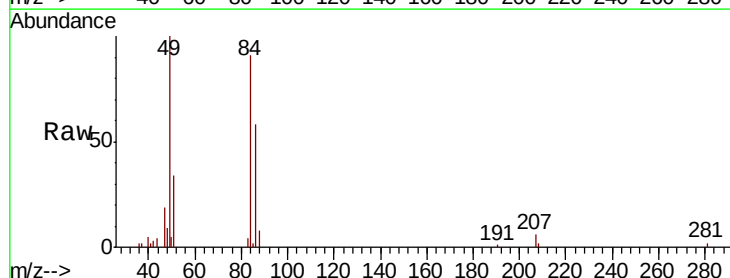
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

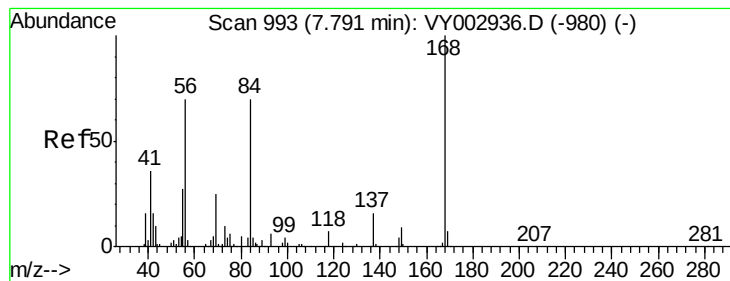
Tot Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
74 2.8 21.1 31.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002972.D
Acq: 22 Jun 2020 14:34

Tgt Ion: 84 Resp: 13186
Ion Ratio Lower Upper
84 100
49 109.7 90.0 135.0
51 37.3 27.9 41.9
86 63.5 54.6 81.8





#31

Cyclohexane

Concen: 1.097 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G1

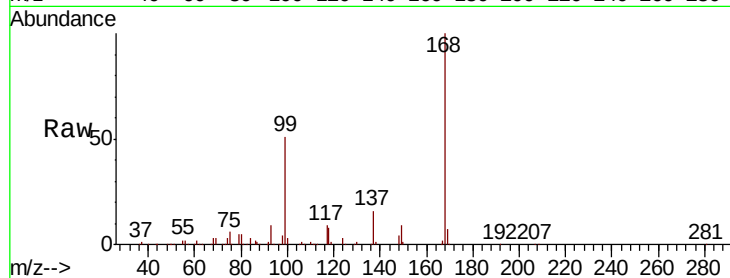
Tot Ion: 56 Resp: 4226

Ion Ratio Lower Upper

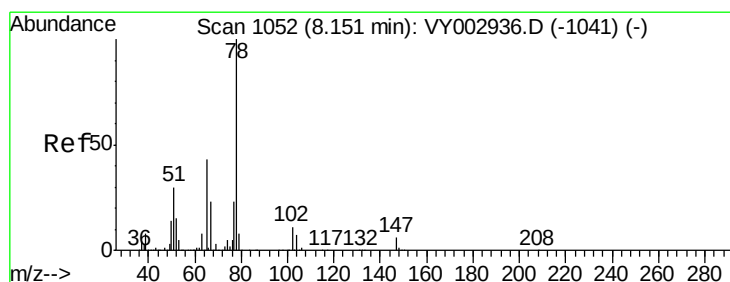
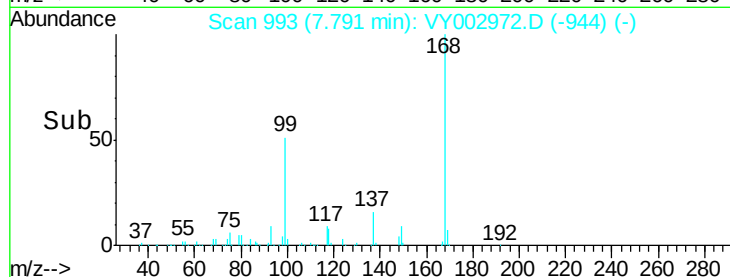
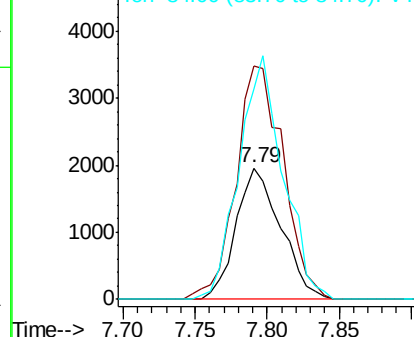
56 100

69 177.7 28.9 43.3#

84 160.2 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: 60.040 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002972.D

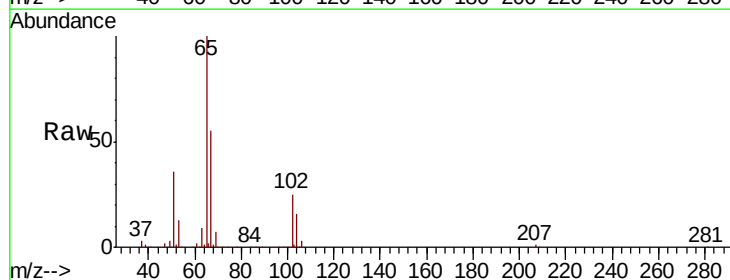
Acq: 22 Jun 2020 14:34

Tgt Ion: 65 Resp: 134746

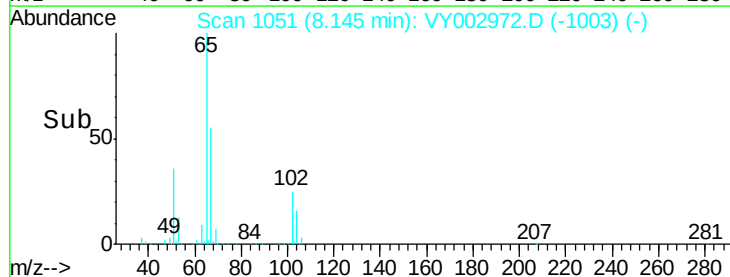
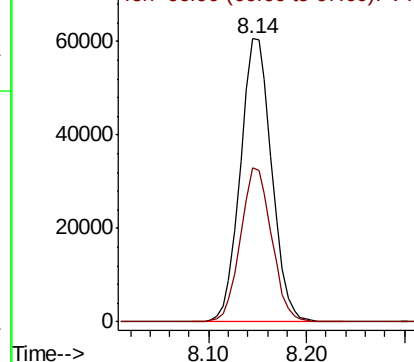
Ion Ratio Lower Upper

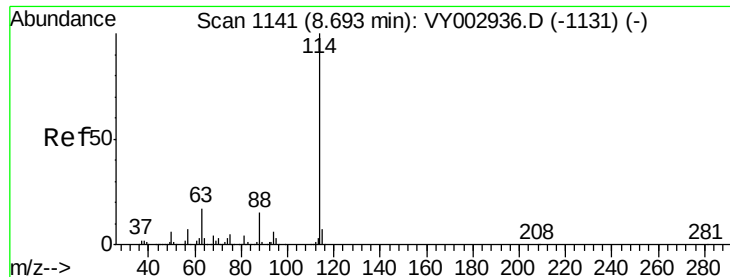
65 100

67 53.8 0.0 109.4



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

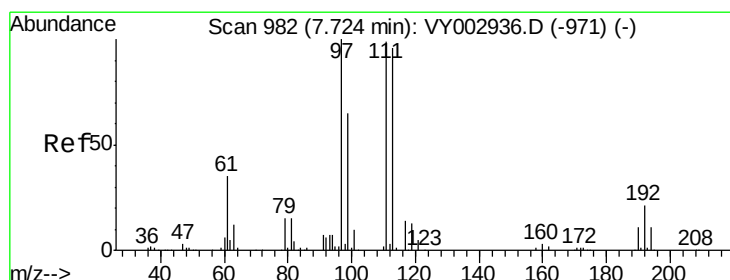
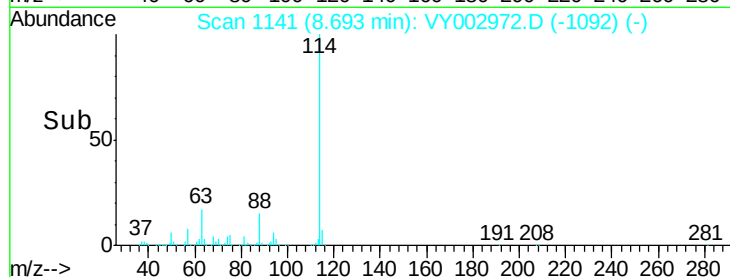
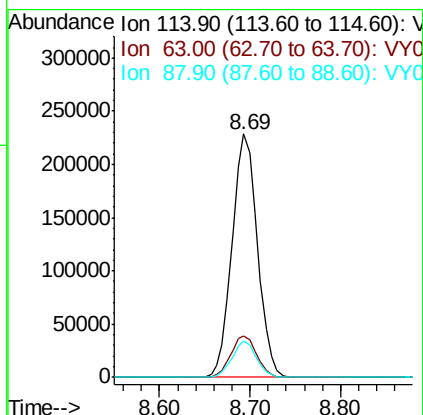
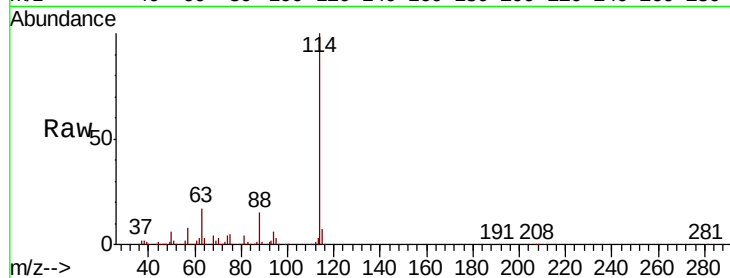




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002972.D
 Acq: 22 Jun 2020 14:34

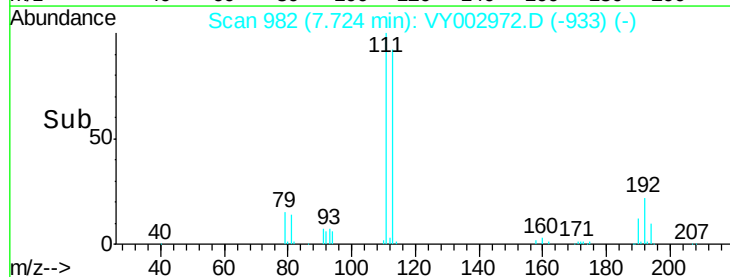
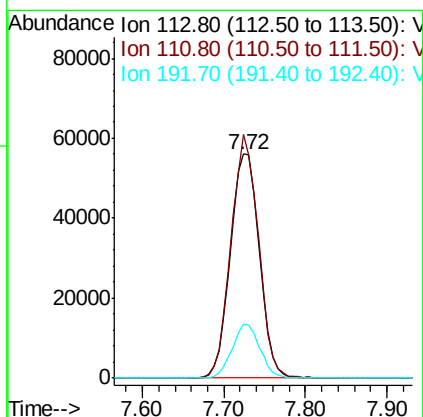
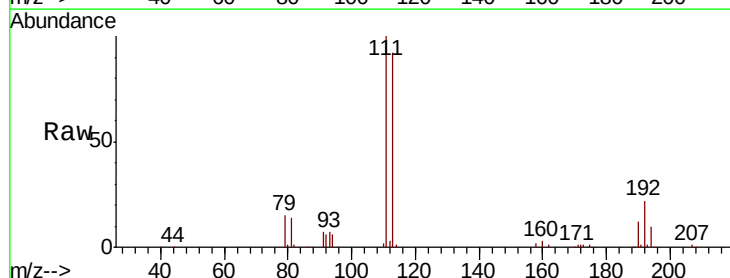
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G1

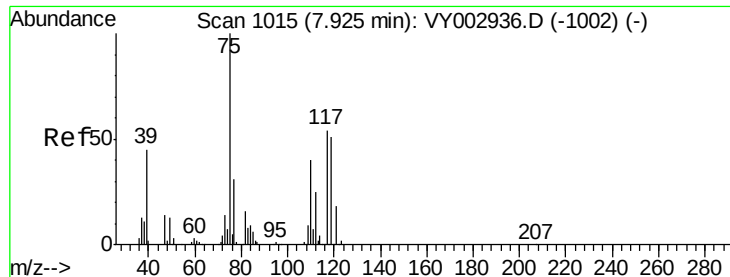
Tot Ion:114 Resp: 443177
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.6
 88 14.7 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 54.959 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002972.D
 Acq: 22 Jun 2020 14:34

Tgt Ion:113 Resp: 137816
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 22.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.623 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G1

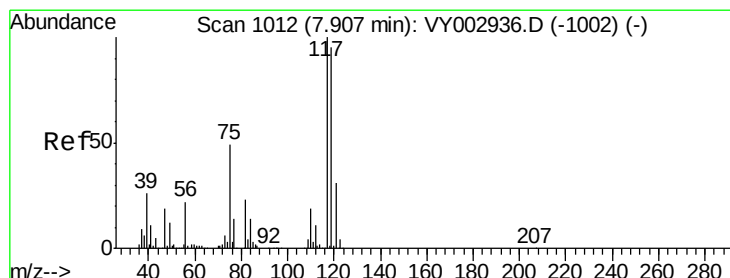
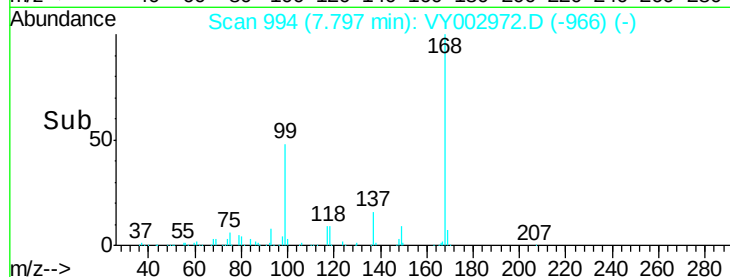
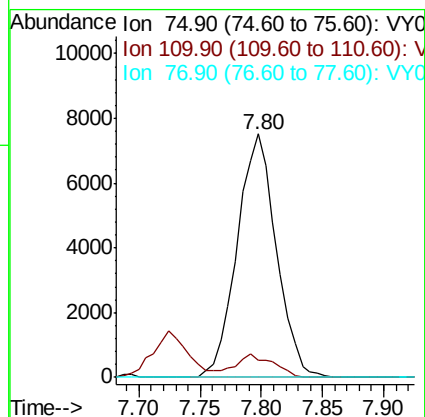
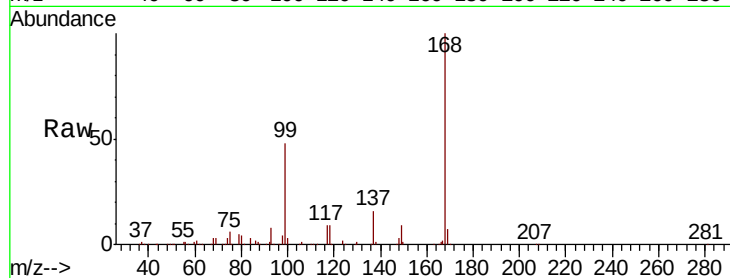
Tot Ion: 75 Resp: 16639

Ion Ratio Lower Upper

75 100

110 9.0 19.7 59.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.074 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

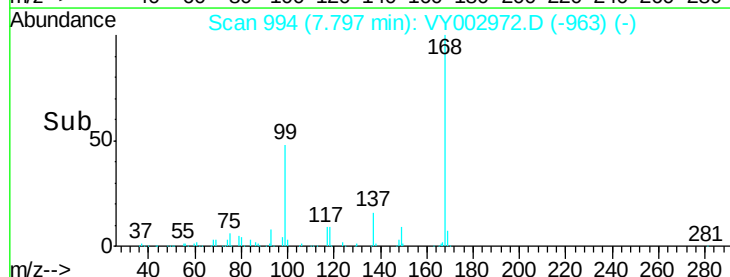
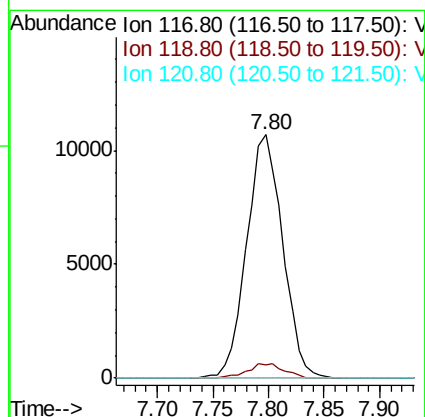
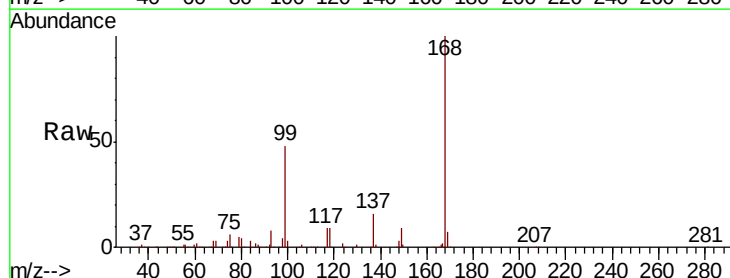
Tgt Ion: 117 Resp: 24091

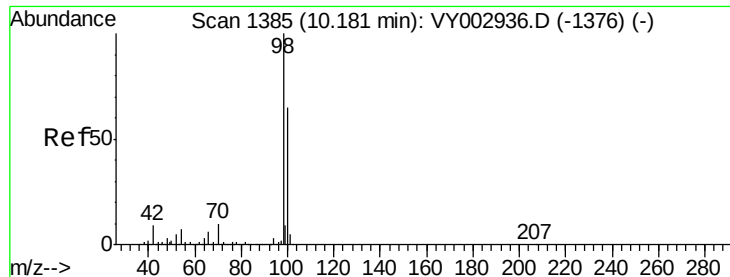
Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.252 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

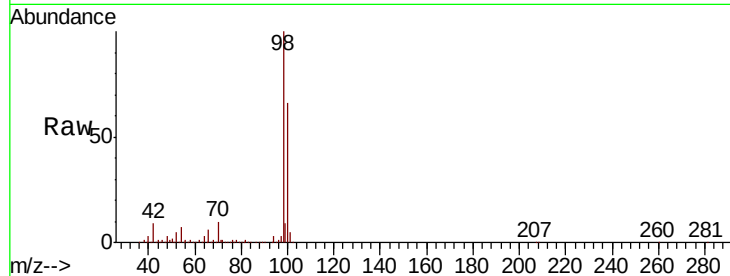
ISS-C-G1

Tot Ion: 98 Resp: 516629

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

300000

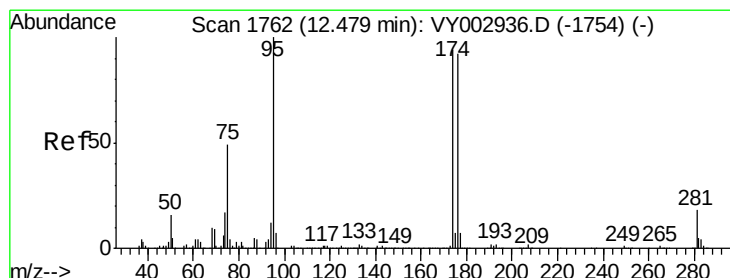
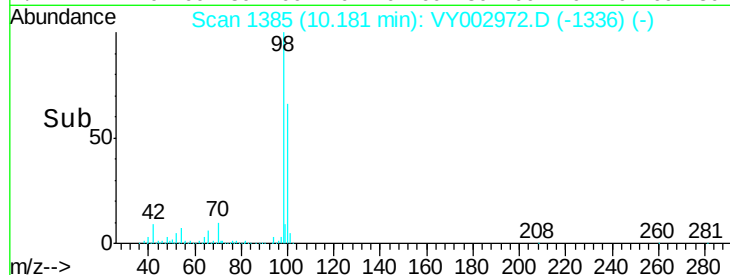
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 51.995 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

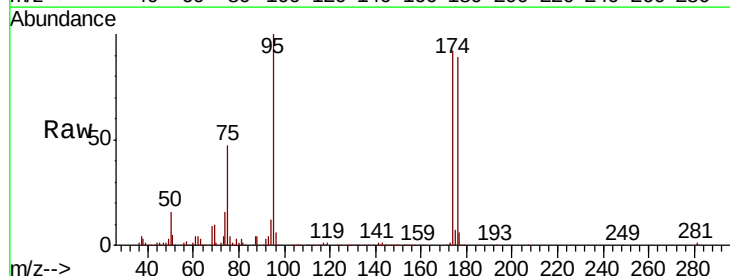
Tgt Ion: 95 Resp: 178328

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.2

176 92.0 0.0 186.0



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

12.48

150000

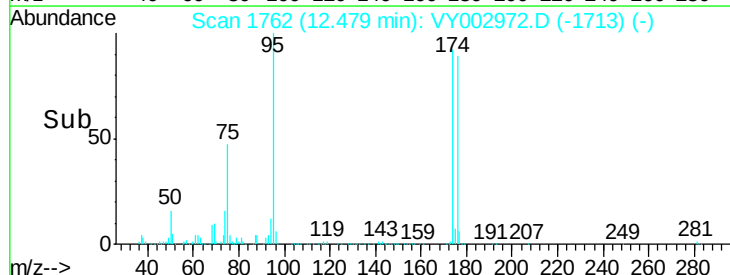
100000

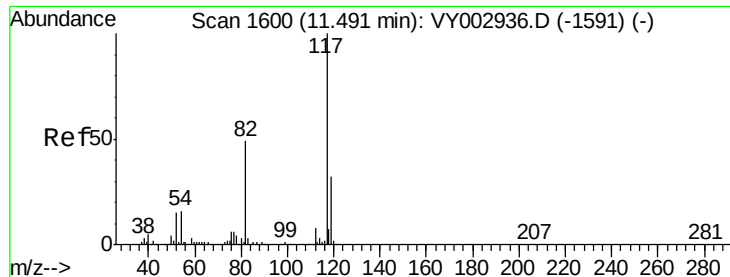
50000

0

Time-->

12.40 12.50

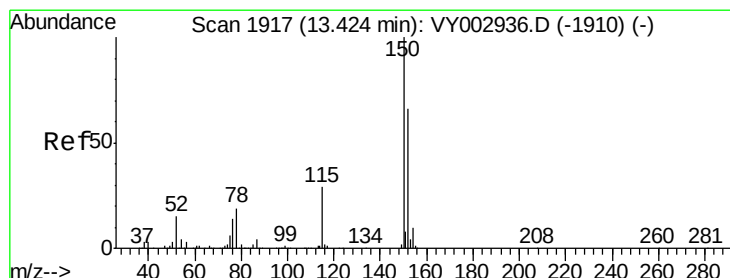
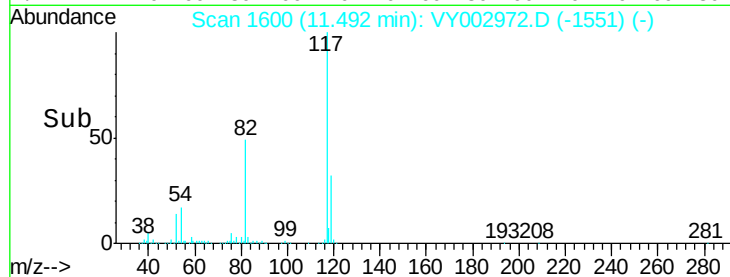
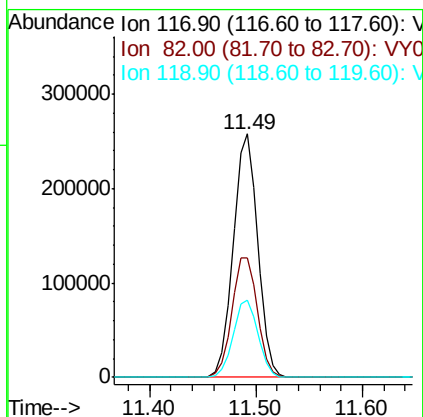
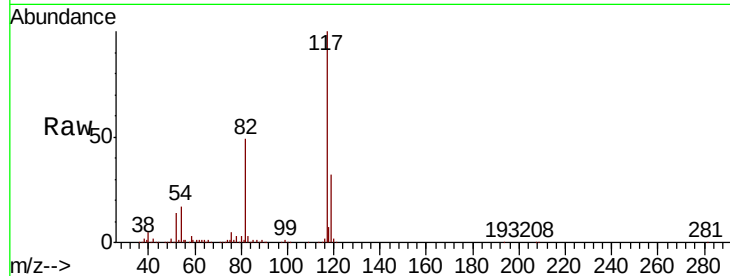




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002972.D
Acq: 22 Jun 2020 14:34

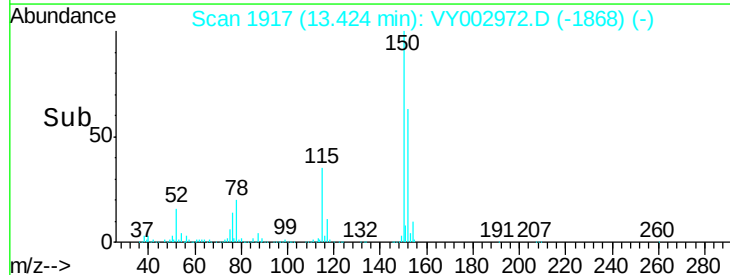
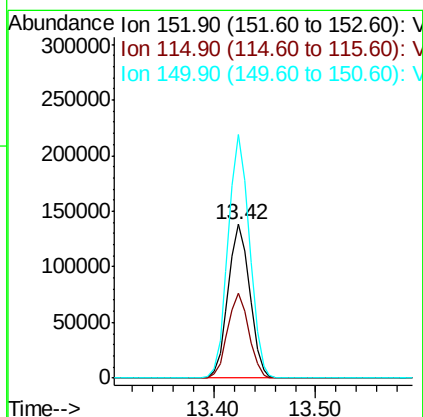
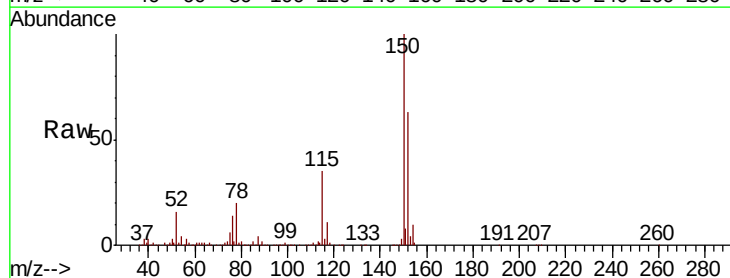
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

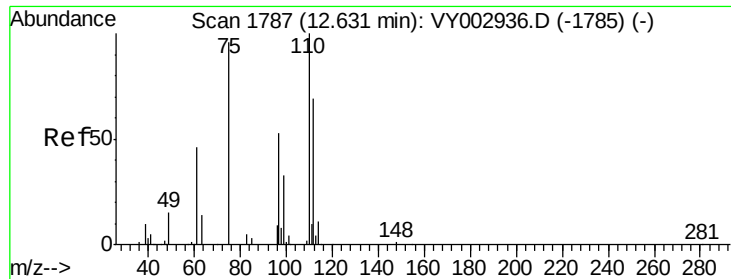
Tot Ion:117 Resp: 415716
Ion Ratio Lower Upper
117 100
82 49.3 39.4 59.0
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002972.D
Acq: 22 Jun 2020 14:34

Tgt Ion:152 Resp: 203450
Ion Ratio Lower Upper
152 100
115 54.3 26.9 80.6
150 156.5 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 47.405 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

Instrument :

MSVOA_Y

ClientSampled :

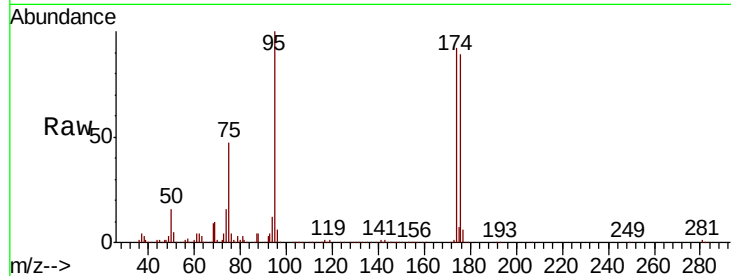
ISS-C-G1

Tot Ion: 75 Resp: 83995

Ion Ratio Lower Upper

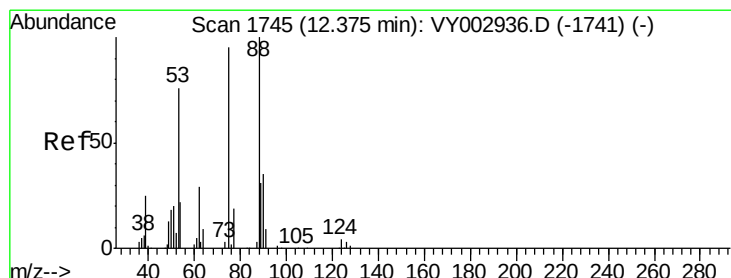
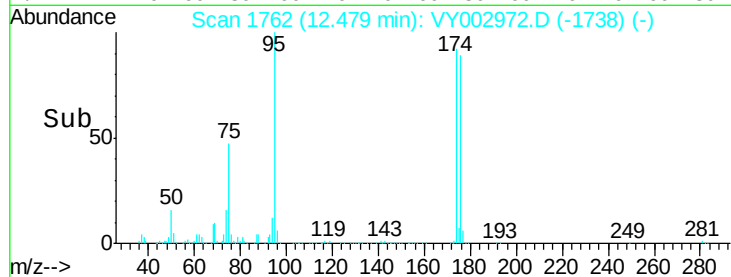
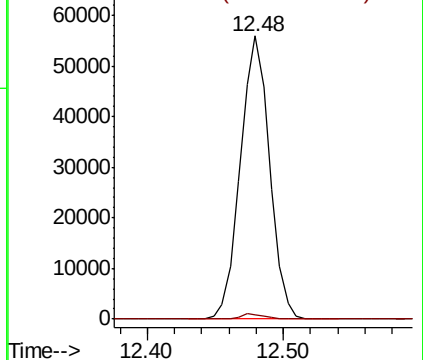
75 100

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: 90.507 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002972.D

Acq: 22 Jun 2020 14:34

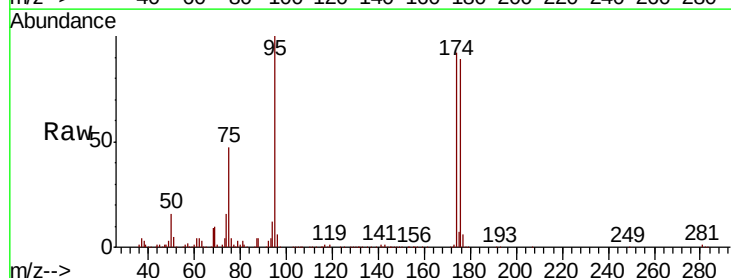
Tgt Ion: 75 Resp: 83995

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 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

