

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002971.D
 Acq On : 22 Jun 2020 14:10
 Operator : SY/MD
 Sample : L3046-06RE
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G3

Quant Time: Jun 23 08:12:00 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

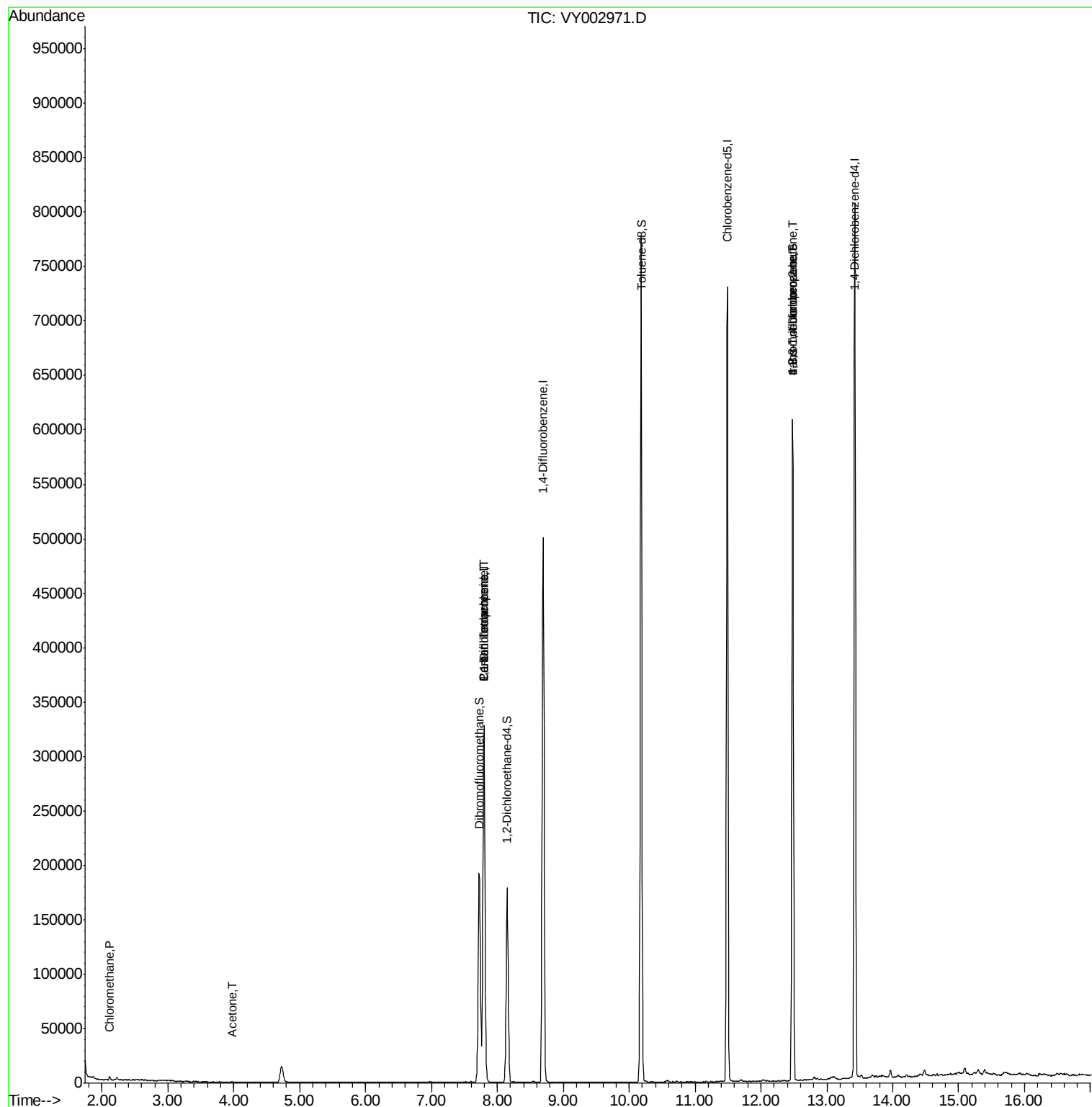
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	275768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	448756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	428728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136428	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
35) Dibromofluoromethane	7.72	113	139154	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
50) Toluene-d8	10.18	98	527905	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	188410	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	3015	1.510	ug/l	96
16) Acetone	3.97	43	691	1.225	ug/l #	87
18) Methyl Acetate	4.48	43	362	Below Cal	#	49
20) Methylene Chloride	4.73	84	12297	Below Cal		94
36) 1,1-Dichloropropene	7.80	75	16576	4.548	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23845	5.937	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	87926	45.238	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87926	86.368	ug/l #	16

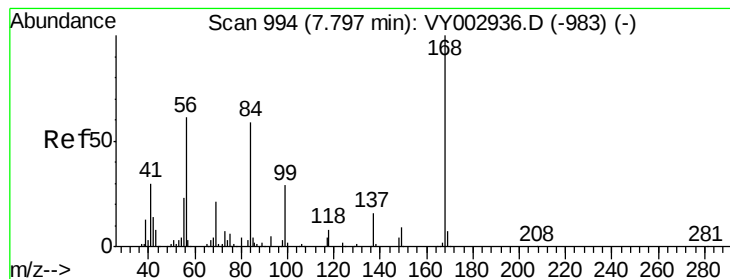
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002971.D

Acq: 22 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampled :

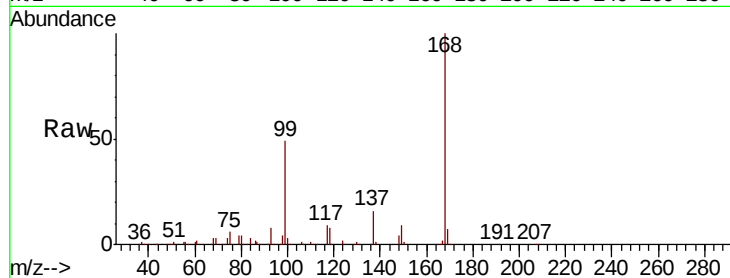
ISS-B-G3

Tot Ion:168 Resp: 275768

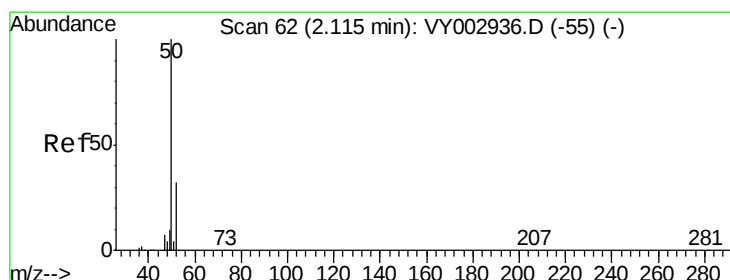
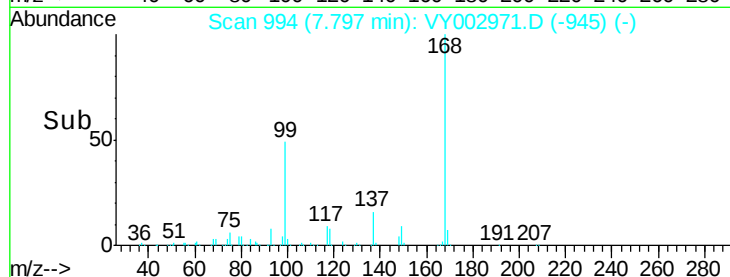
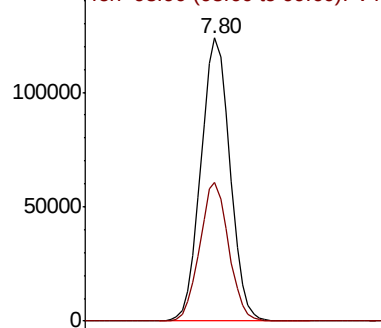
Ion Ratio Lower Upper

168 100

99 49.1 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002971.D (-945) (-)



#3

Chloromethane

Concen: 1.510 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002971.D

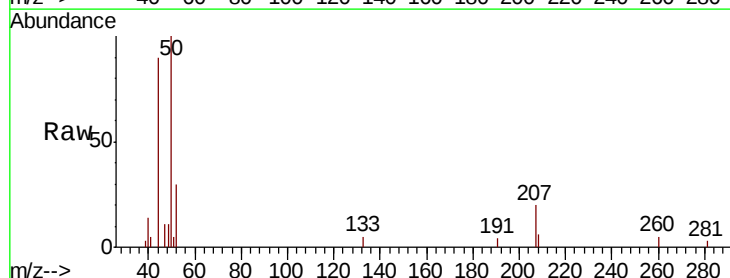
Acq: 22 Jun 2020 14:10

Tgt Ion: 50 Resp: 3015

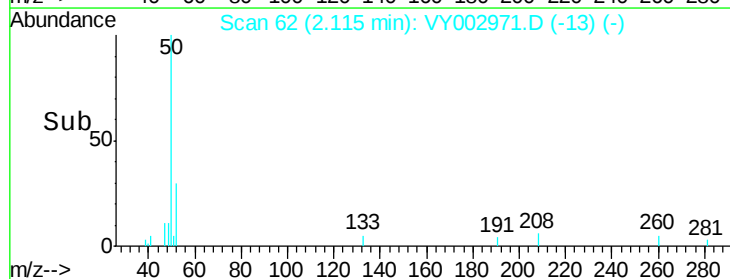
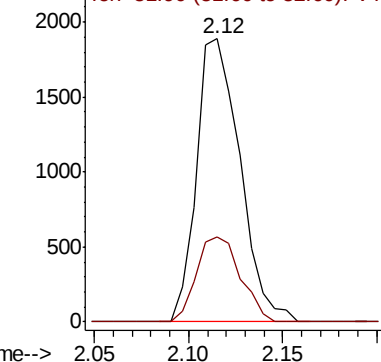
Ion Ratio Lower Upper

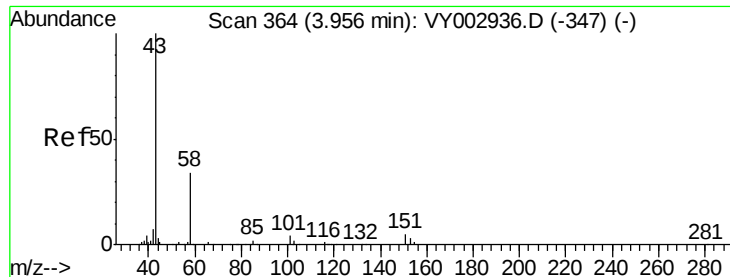
50 100

52 30.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002971.D (-13) (-)





#16

Acetone

Concen: 1.225 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002971.D

Acq: 22 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

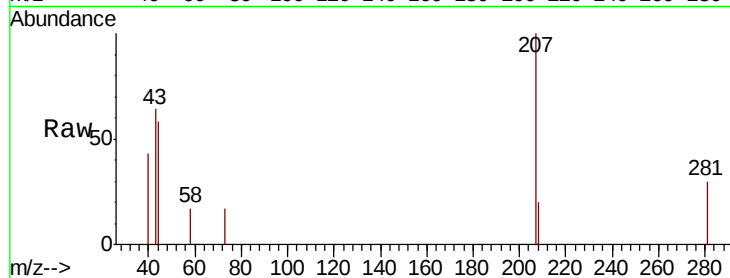
ISS-B-G3

Tot Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 26.8 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

250

200

150

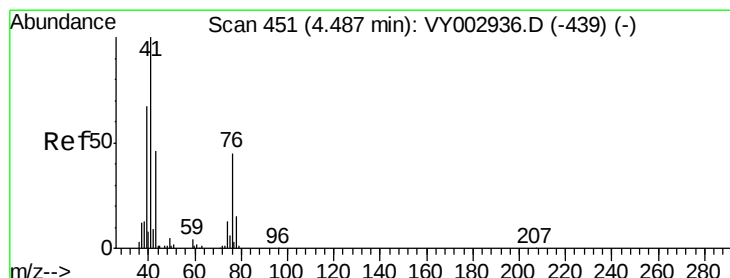
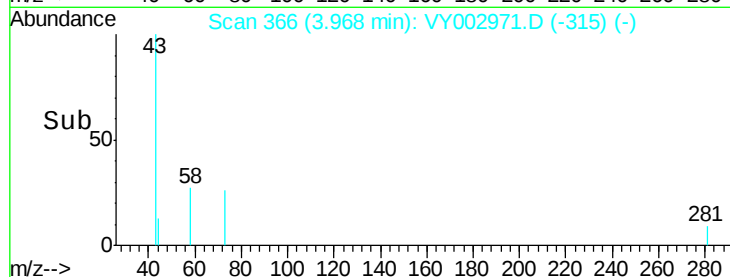
100

50

0

3.90 3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002971.D

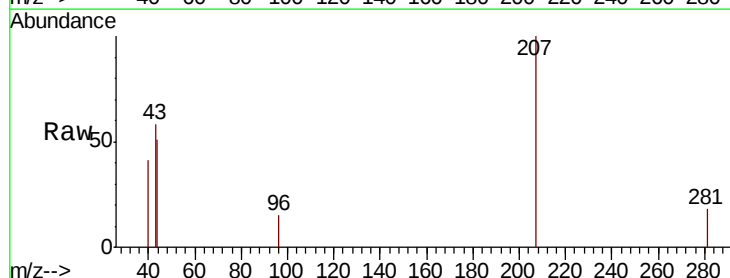
Acq: 22 Jun 2020 14:10

Tgt Ion: 43 Resp: 362

Ion Ratio Lower Upper

43 100

74 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

300

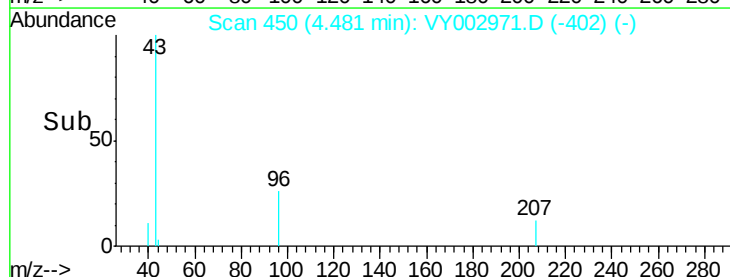
200

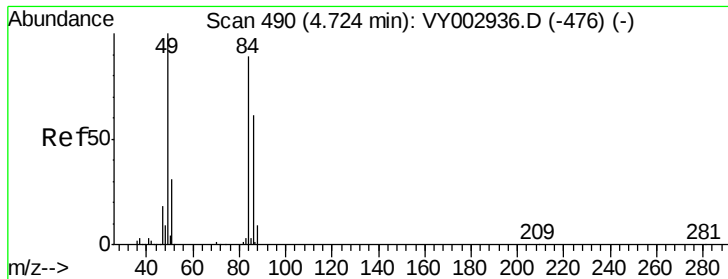
100

0

4.44 4.46 4.48 4.50

Time-->

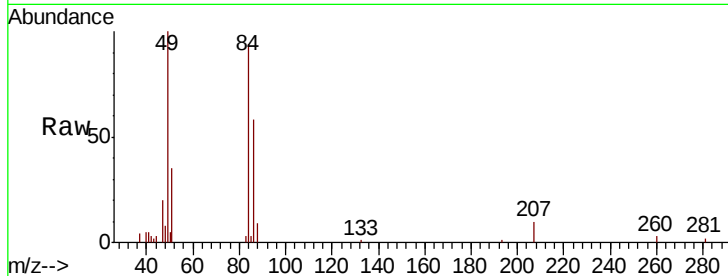




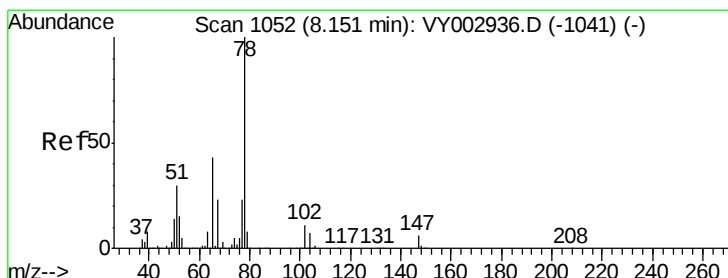
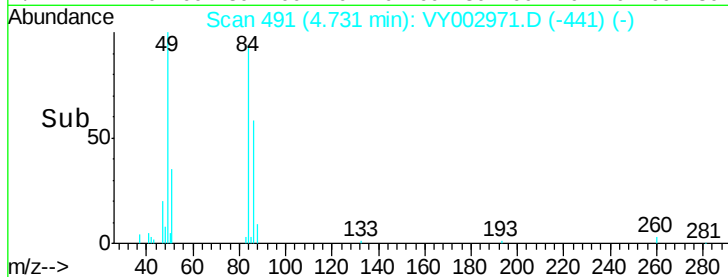
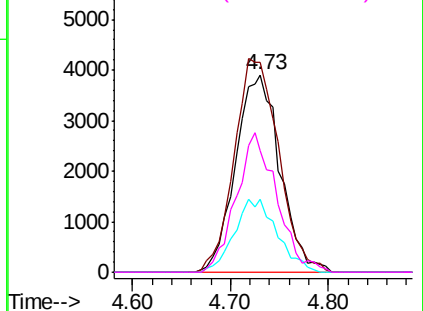
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

Tot Ion:	84	Resp:	12297
Ion	Ratio	Lower	Upper
84	100		
49	106.5	90.0	135.0
51	36.7	27.9	41.9
86	61.5	54.6	81.8

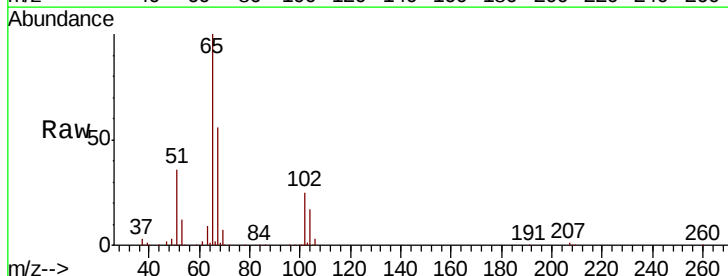


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

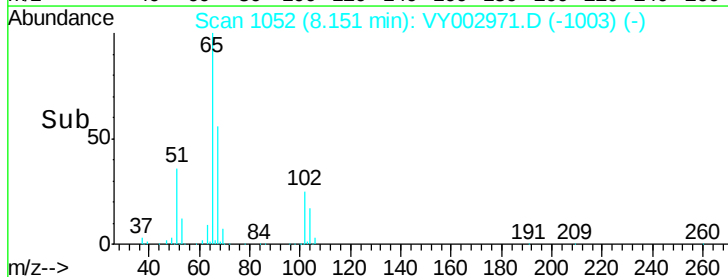
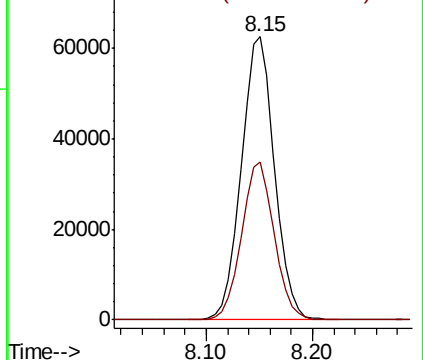


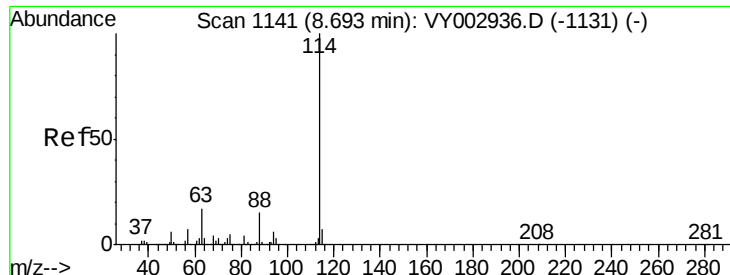
#33
1,2-Dichloroethane-d4
Concen: 59.895 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

Tgt Ion:	65	Resp:	136428
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.4



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

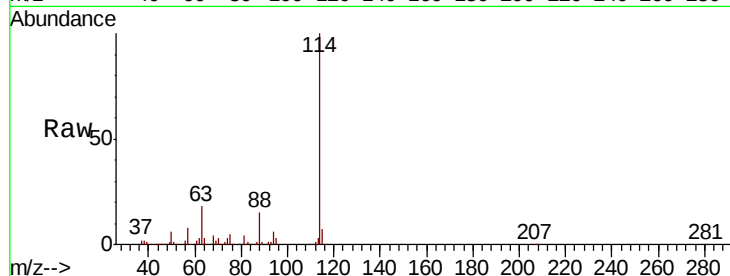




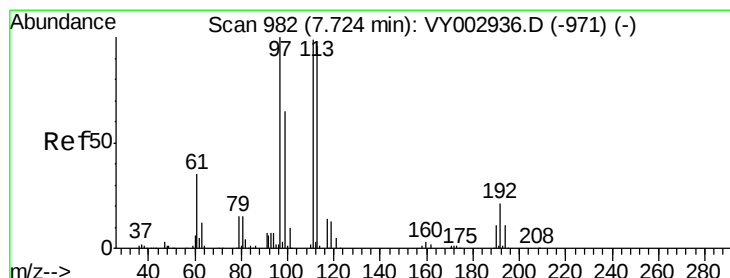
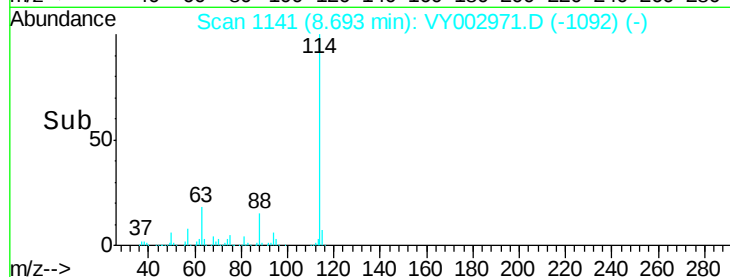
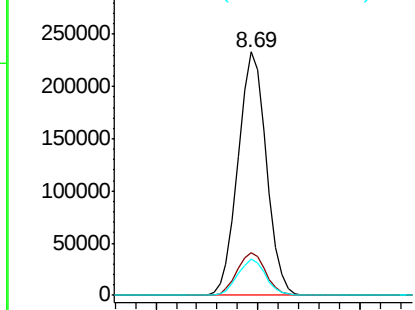
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.6
88	15.1	0.0	29.2

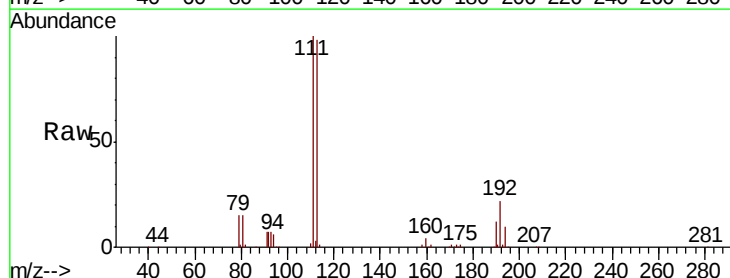


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

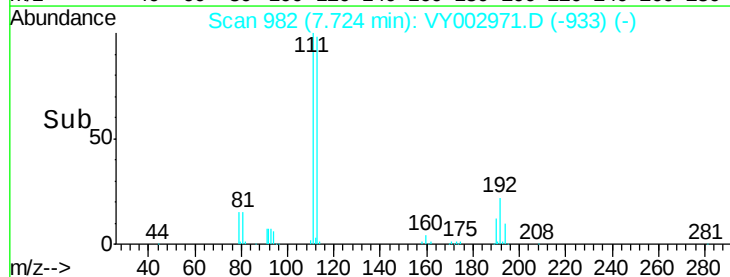
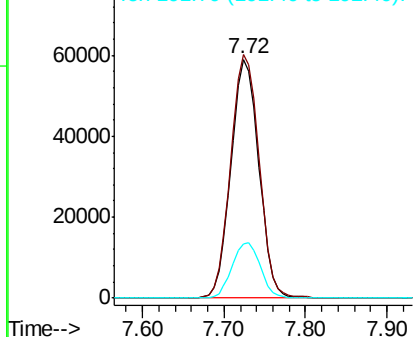


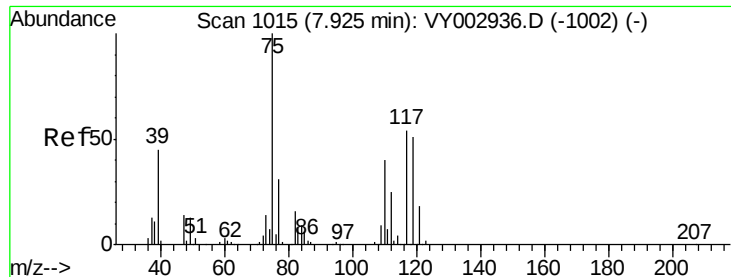
#35
Dibromofluoromethane
Concen: 54.803 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.5	122.3
192	23.5	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

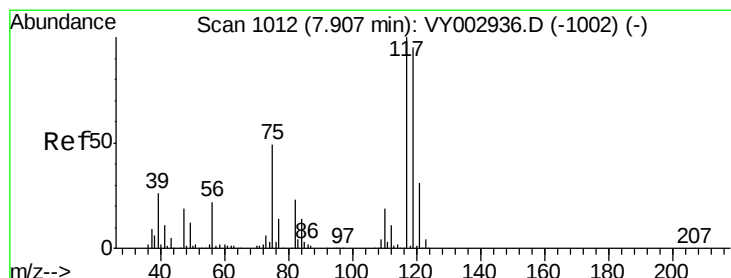
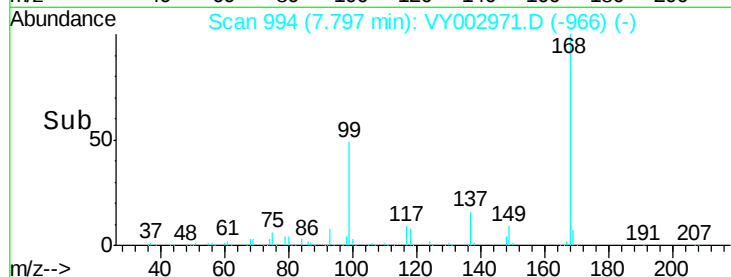
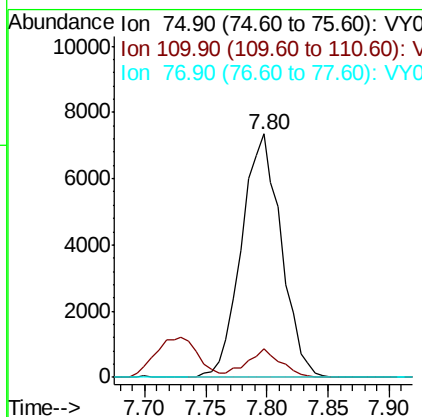
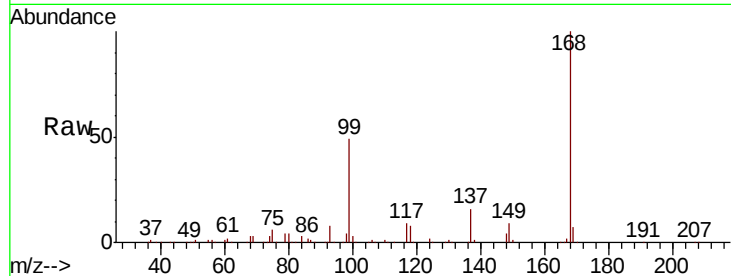




#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002971.D
 Acq: 22 Jun 2020 14:10

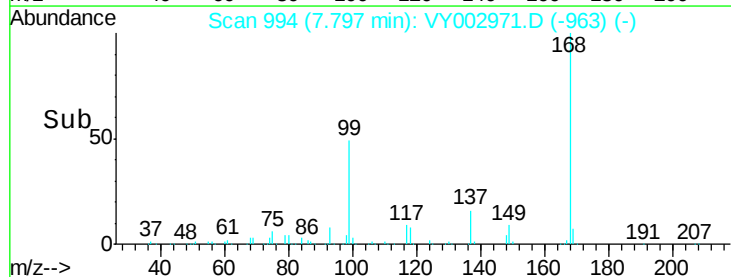
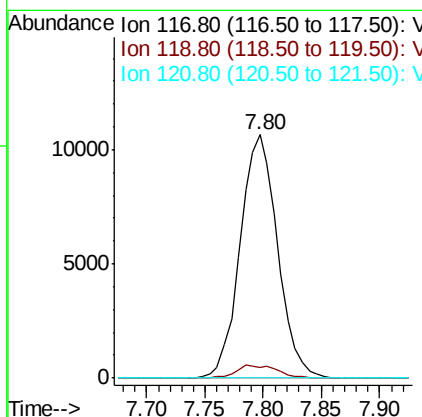
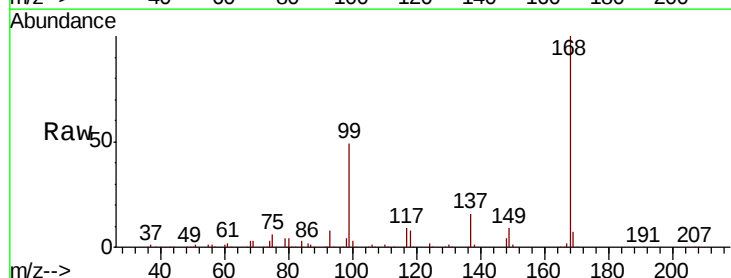
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G3

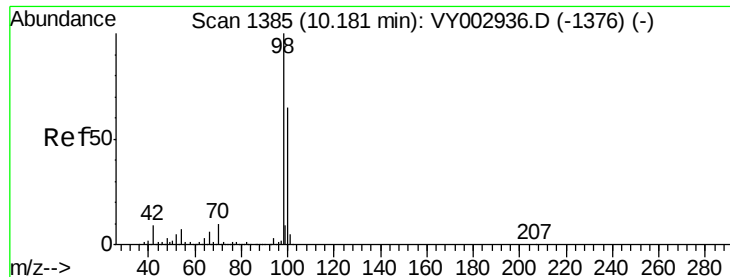
Tot Ion	75	Resp	16576
Ion Ratio	Lower	Upper	
75	100		
110	9.9	19.7	59.0#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.937 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002971.D
 Acq: 22 Jun 2020 14:10

Tgt Ion	117	Resp	23845
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.3	76.1	114.1#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 52.728 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002971.D

Acq: 22 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

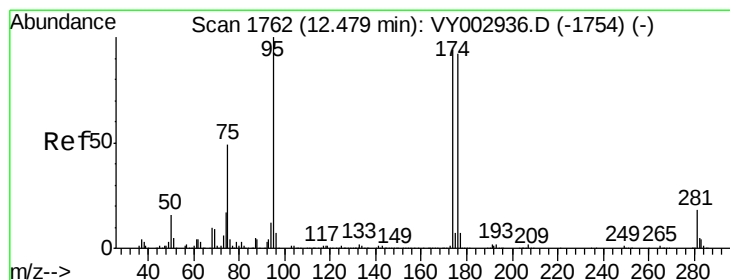
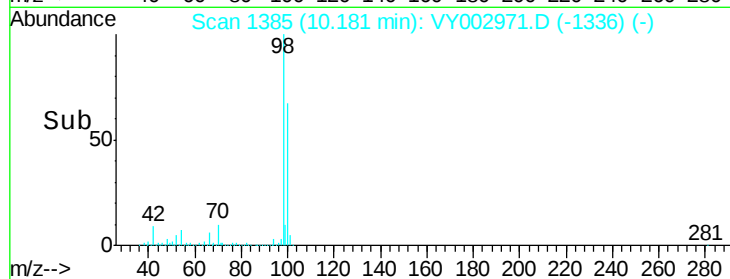
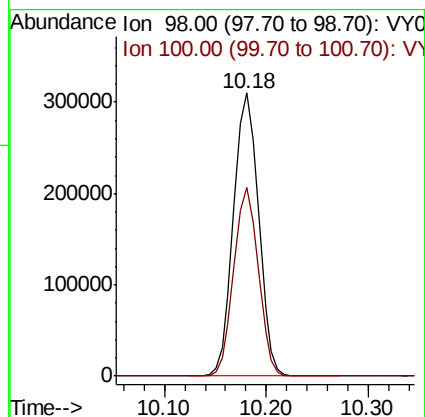
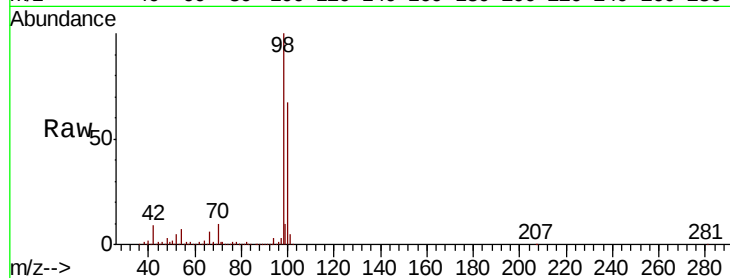
ISS-B-G3

Tot Ion: 98 Resp: 527905

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.252 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002971.D

Acq: 22 Jun 2020 14:10

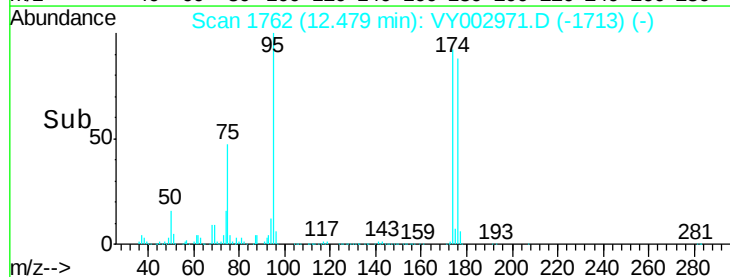
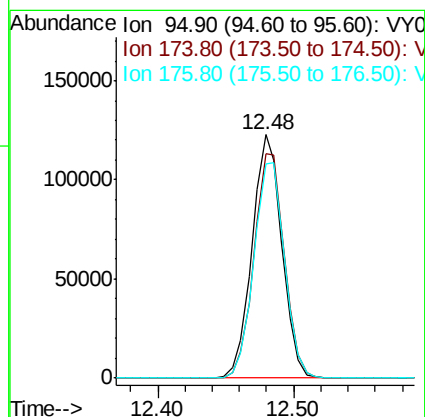
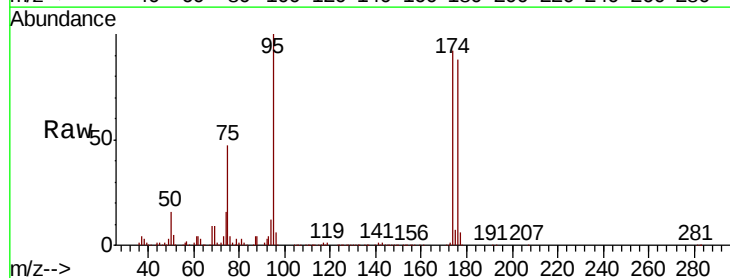
Tgt Ion: 95 Resp: 188410

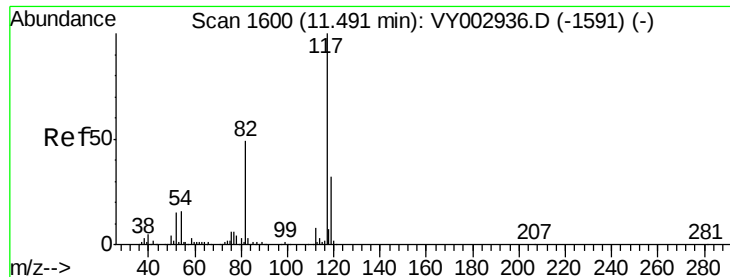
Ion Ratio Lower Upper

95 100

174 94.4 0.0 191.2

176 91.4 0.0 186.0

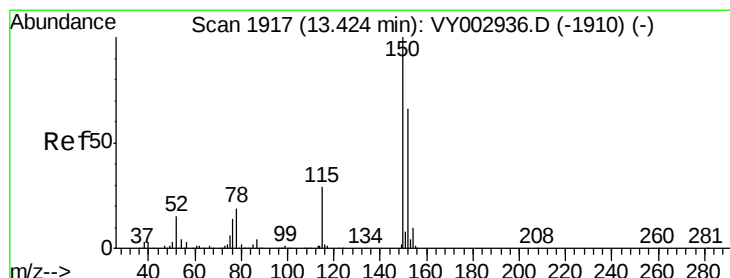
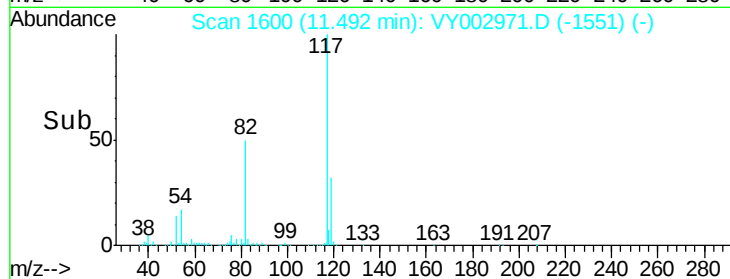
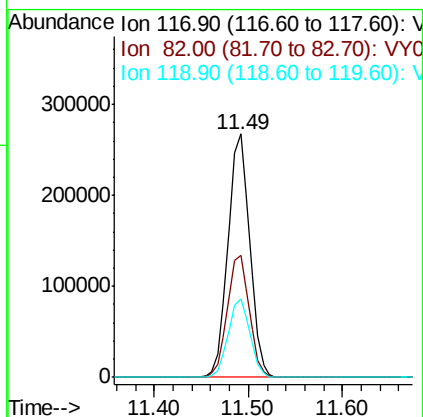
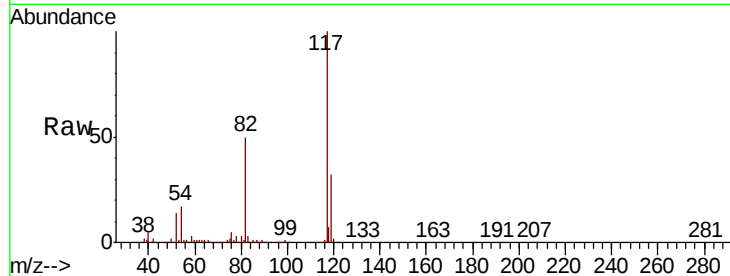




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

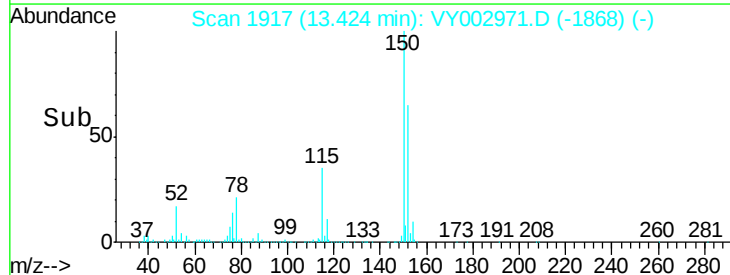
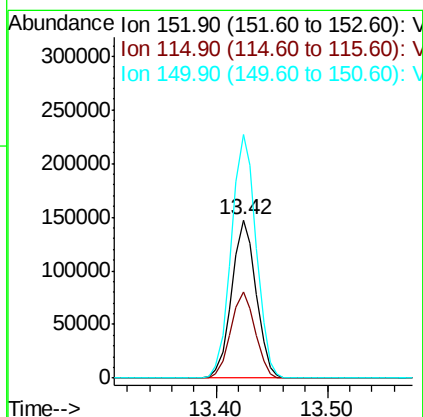
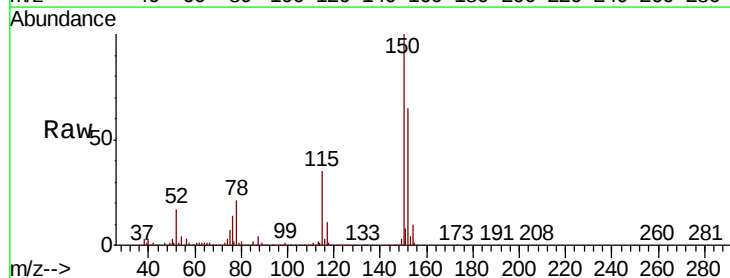
Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

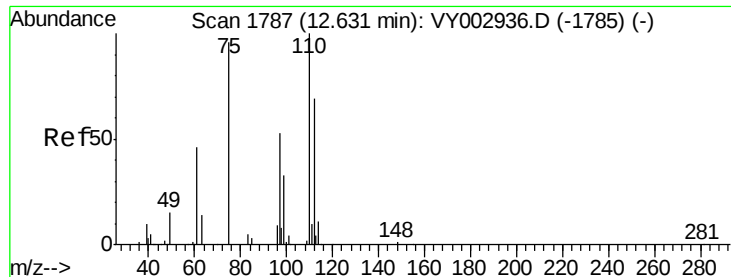
Tot Ion:117 Resp: 428728
Ion Ratio Lower Upper
117 100
82 50.2 39.4 59.0
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002971.D
Acq: 22 Jun 2020 14:10

Tgt Ion:152 Resp: 223178
Ion Ratio Lower Upper
152 100
115 54.3 26.9 80.6
150 157.0 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 45.238 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002971.D

Acq: 22 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

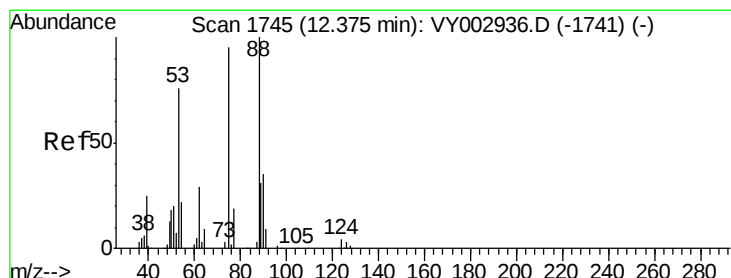
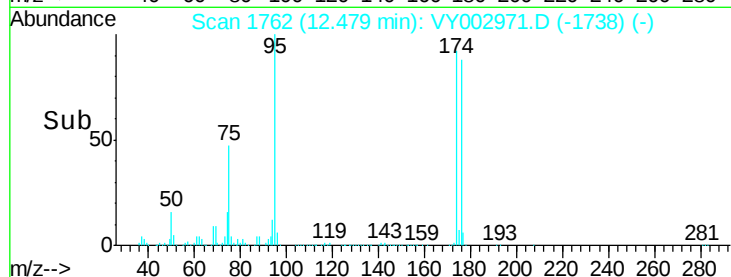
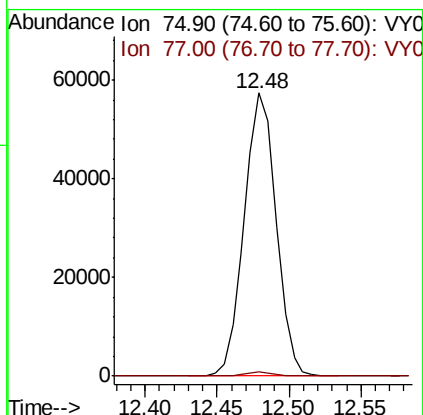
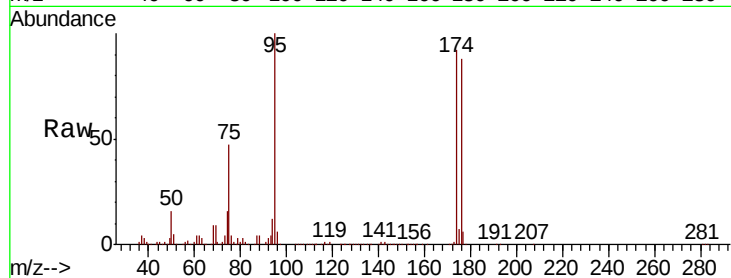
ISS-B-G3

Tot Ion: 75 Resp: 87926

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.368 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002971.D

Acq: 22 Jun 2020 14:10

Tgt Ion: 75 Resp: 87926

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.1 38.4 57.6#

