

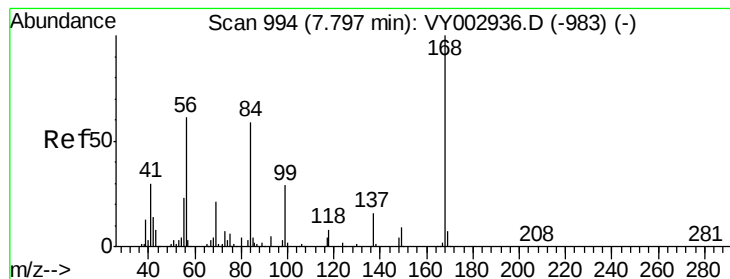
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002953.D
 Acq On : 19 Jun 2020 21:23
 Operator : SY/MD
 Sample : L3046-08
 Misc : 9.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G2

Quant Time: Jun 20 03:59:25 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	287362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	468751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	439809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142315	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.92%	
35) Dibromofluoromethane	7.72	113	145331	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	10.18	98	550253	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	190870	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
18) Methyl Acetate	4.49	43	569	Below Cal	#	56
20) Methylene Chloride	4.73	84	30774	4.810	ug/l	94
31) Cyclohexane	7.80	56	4116	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17427	4.578	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25232	6.014	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	89666	46.452	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	89666	88.687	ug/l #	16

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002953.D

Acq: 19 Jun 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

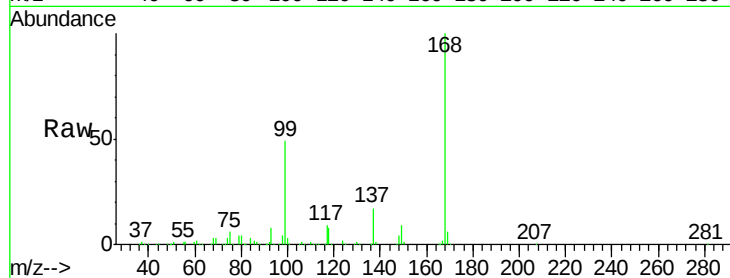
ISS-C-G2

Tgt Ion:168 Resp: 287362

Ion Ratio Lower Upper

168 100

99 48.8 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002953.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002953.D (-983) (-)

7.80

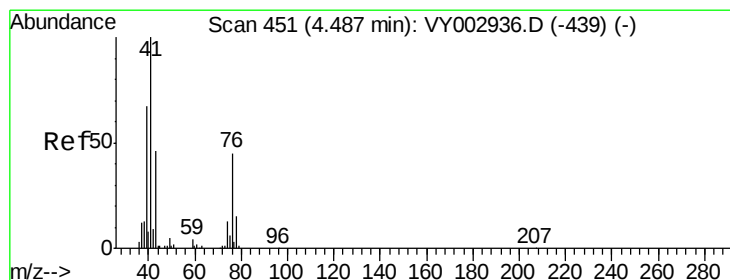
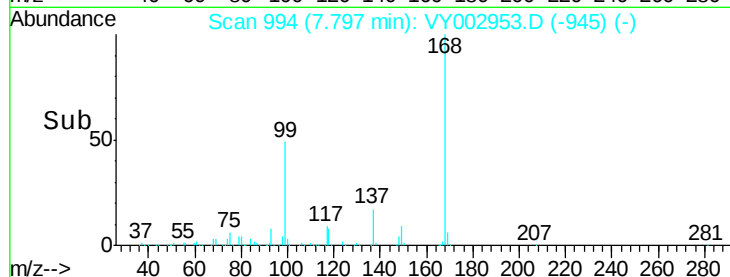
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002953.D

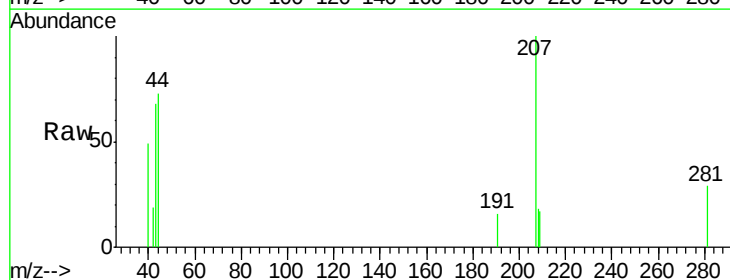
Acq: 19 Jun 2020 21:23

Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

74 3.9 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002953.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY002953.D (-402) (-)

4.49

250

200

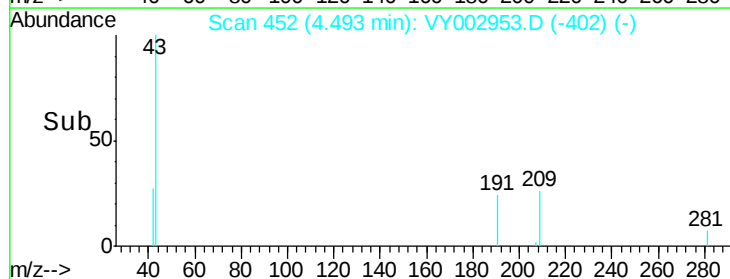
150

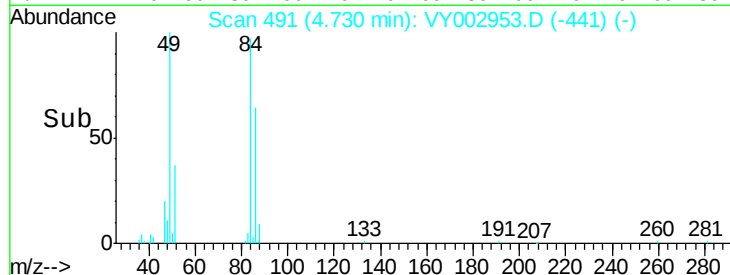
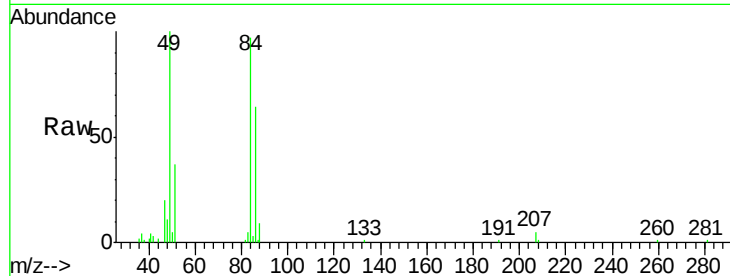
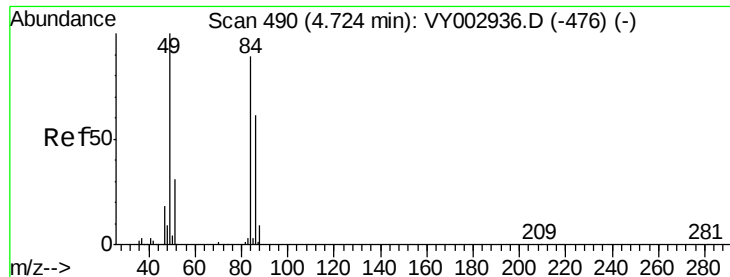
100

50

0

Time-->

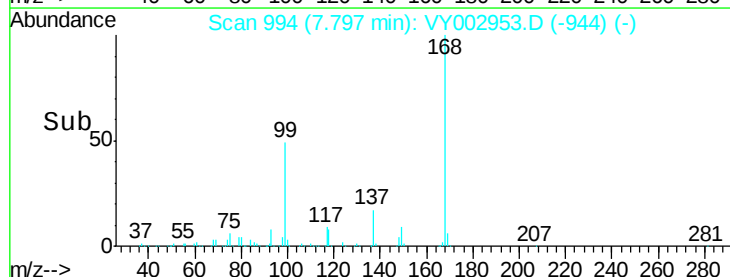
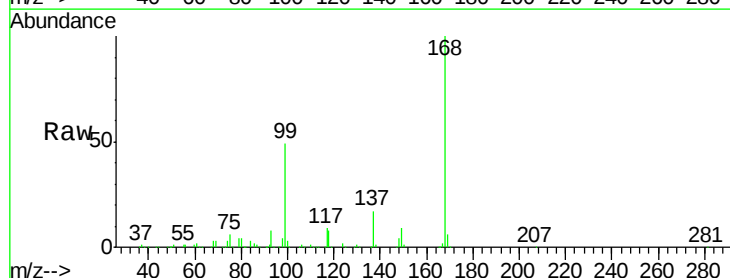
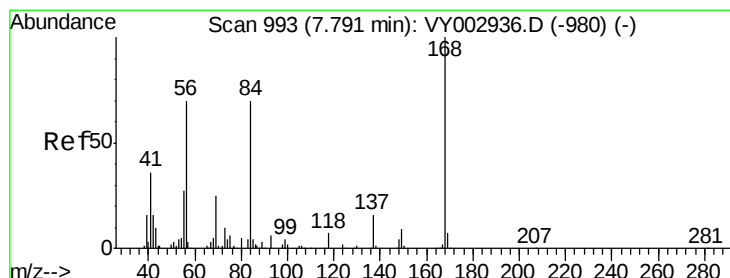
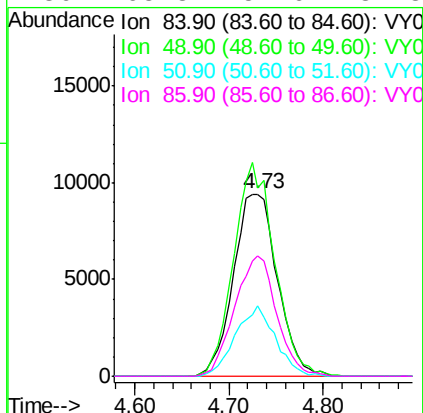




#20
Methylene Chloride
Concen: 4.810 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002953.D
Acq: 19 Jun 2020 21:23

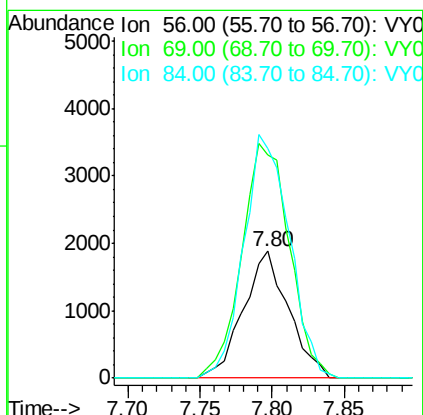
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G2

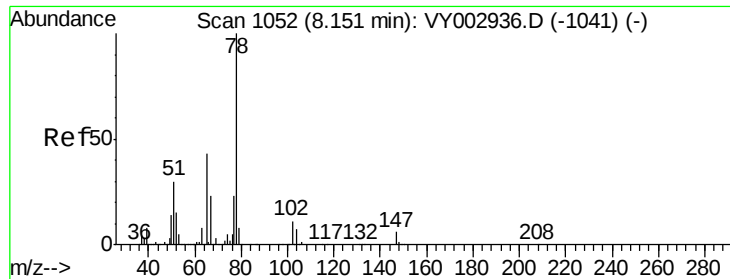
Tgt Ion:	84	Resp:	30774
Ion	Ratio	Lower	Upper
84	100		
49	103.3	90.0	135.0
51	38.7	27.9	41.9
86	65.8	54.6	81.8



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002953.D
Acq: 19 Jun 2020 21:23

Tgt Ion:	56	Resp:	4116
Ion	Ratio	Lower	Upper
56	100		
69	175.4	28.9	43.3#
84	181.2	80.1	120.1#

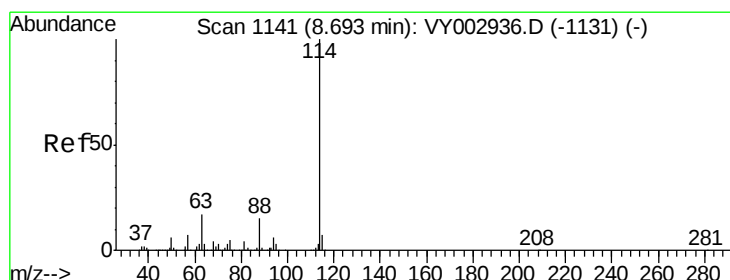
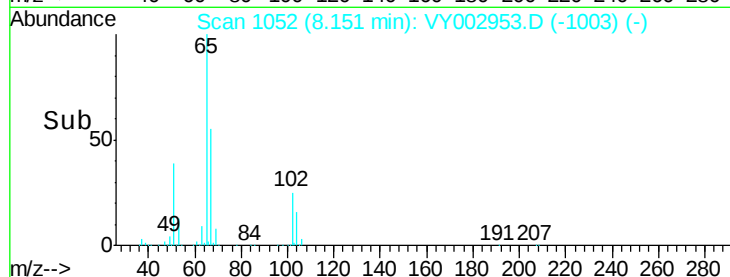
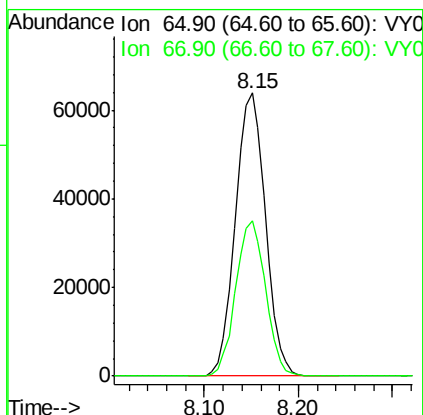
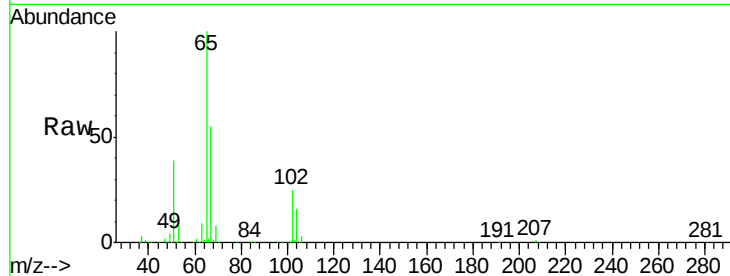




#33
 1,2-Dichloroethane-d4
 Concen: 59.958 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002953.D
 Acq: 19 Jun 2020 21:23

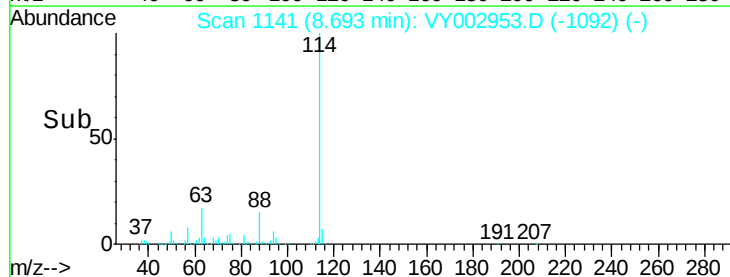
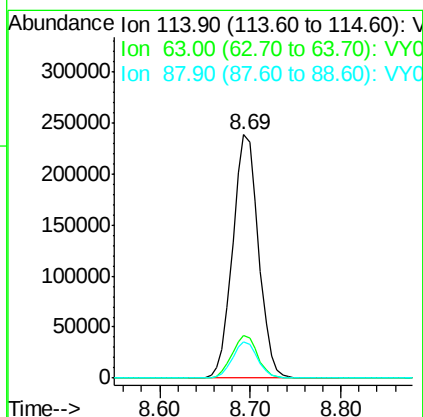
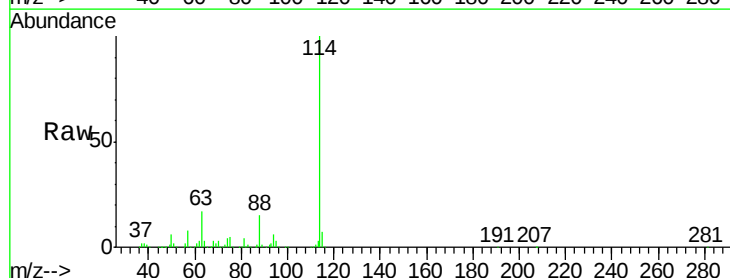
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G2

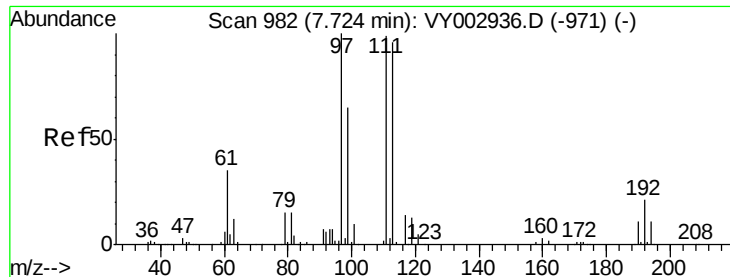
Tgt Ion: 65 Resp: 142315
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002953.D
 Acq: 19 Jun 2020 21:23

Tgt Ion: 114 Resp: 468751
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.6
 88 14.7 0.0 29.2

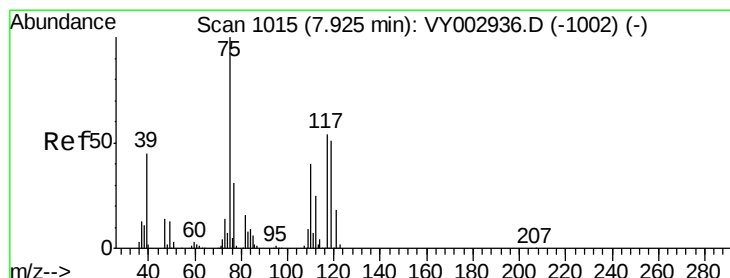
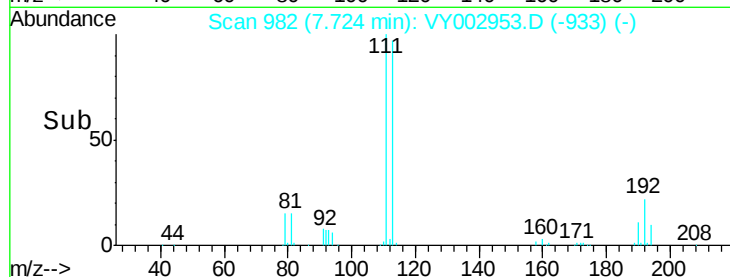
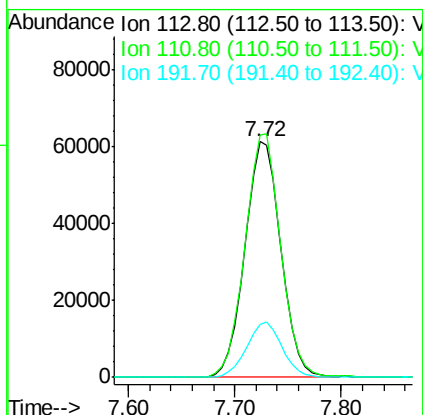
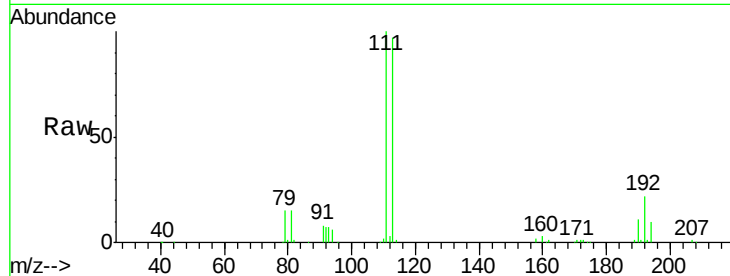




#35
 Dibromofluoromethane
 Concen: 54.794 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002953.D
 Acq: 19 Jun 2020 21:23

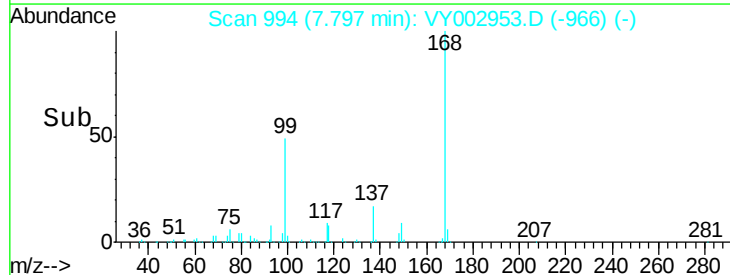
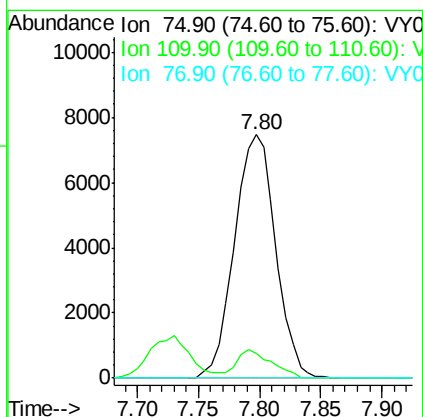
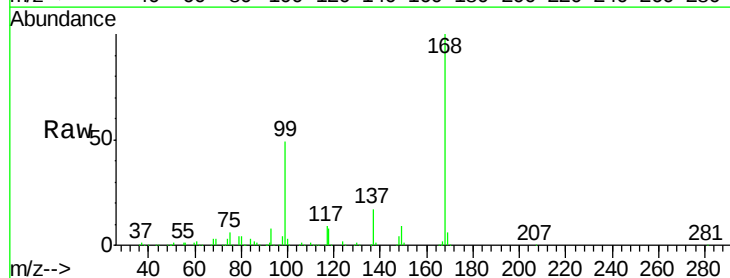
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G2

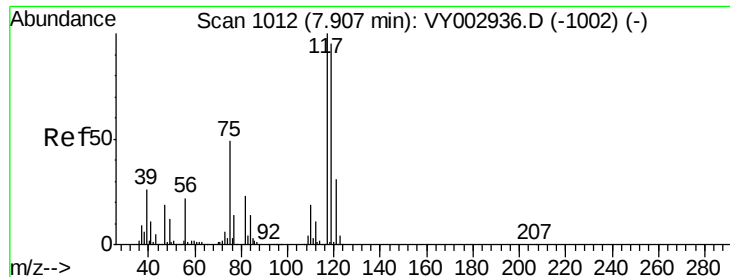
Tgt Ion: 113 Resp: 145331
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.5 122.3
 192 23.0 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002953.D
 Acq: 19 Jun 2020 21:23

Tgt Ion: 75 Resp: 17427
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.7 59.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002953.D

Acq: 19 Jun 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G2

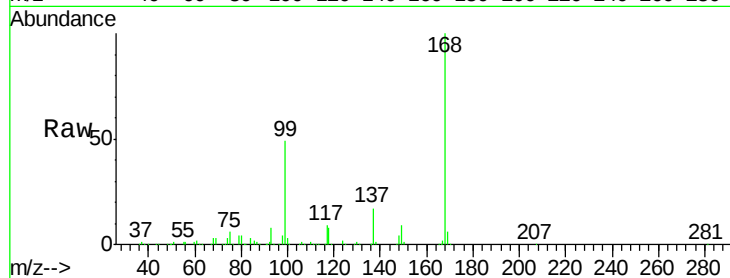
Tgt Ion:117 Resp: 25232

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

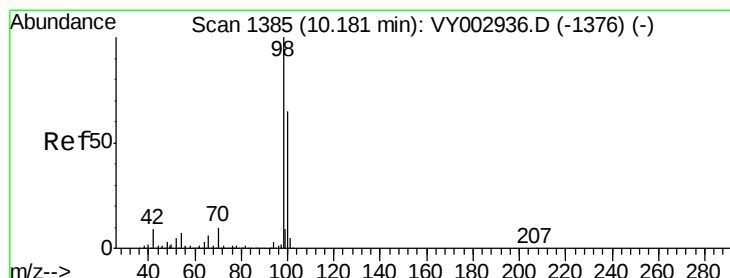
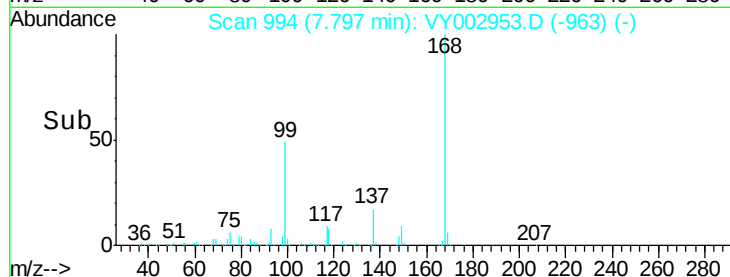
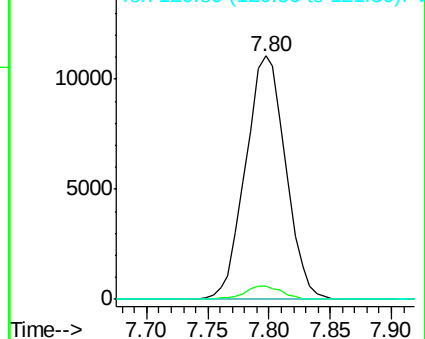
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.616 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002953.D

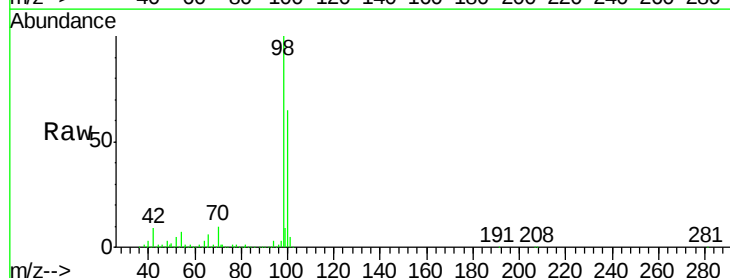
Acq: 19 Jun 2020 21:23

Tgt Ion: 98 Resp: 550253

Ion Ratio Lower Upper

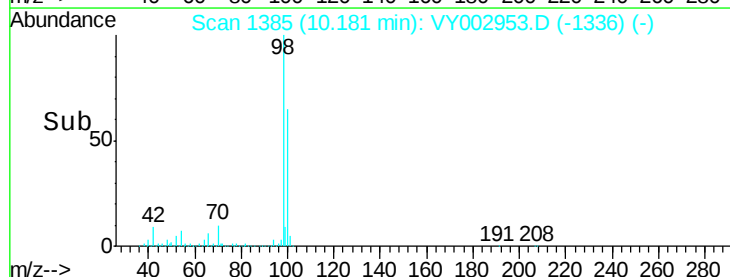
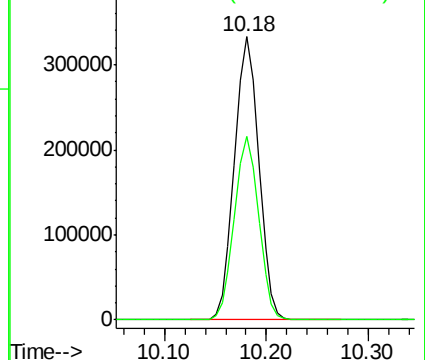
98 100

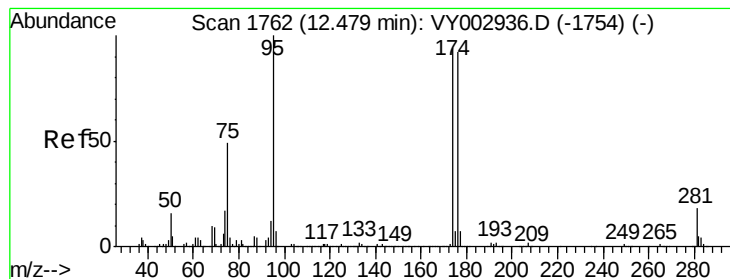
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 52.616 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002953.D

Acq: 19 Jun 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G2

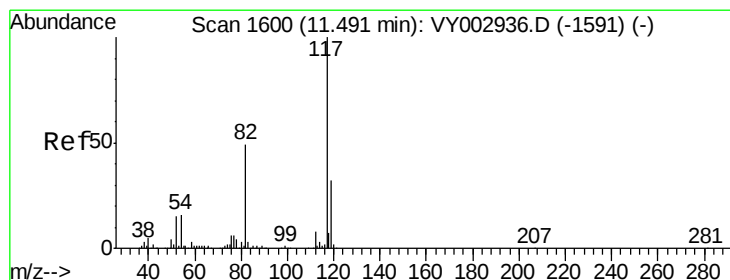
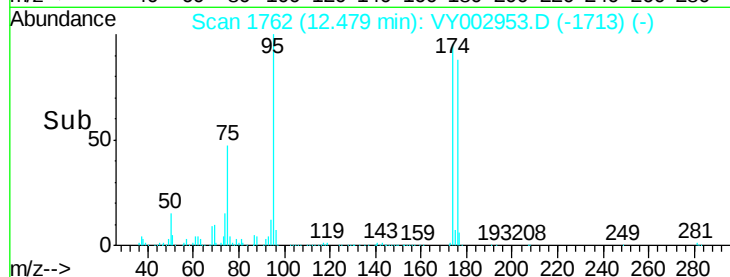
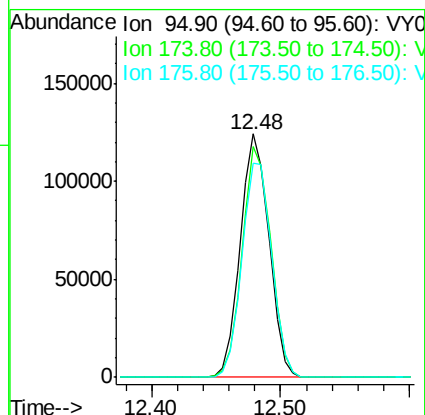
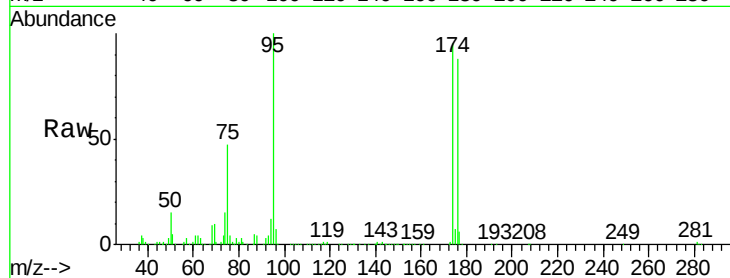
Tgt Ion: 95 Resp: 190870

Ion Ratio Lower Upper

95 100

174 94.6 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: VY002953.D

Acq: 19 Jun 2020 21:23

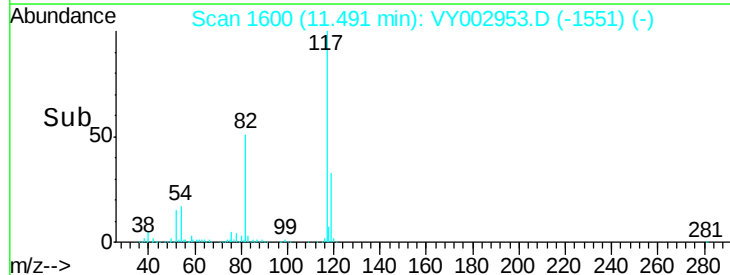
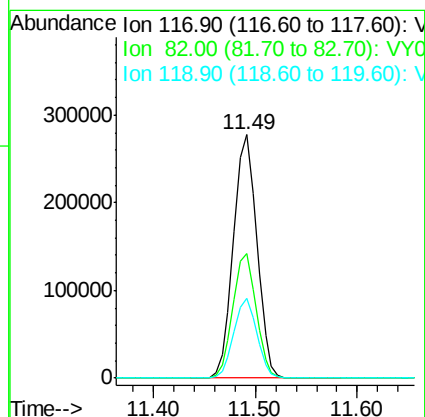
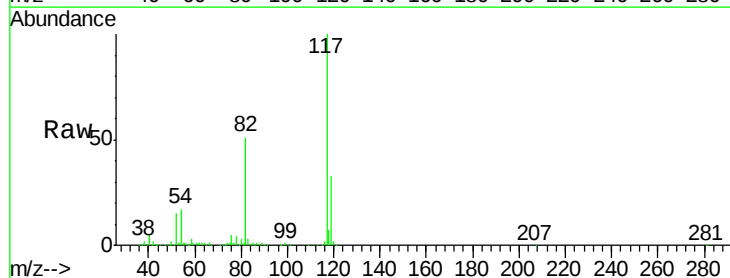
Tgt Ion: 117 Resp: 439809

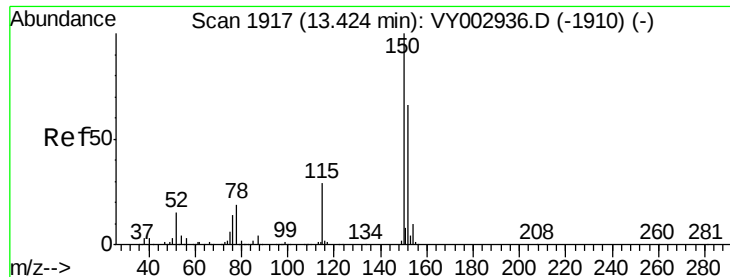
Ion Ratio Lower Upper

117 100

82 51.2 39.4 59.0

119 32.6 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: VY002953.D

Acq: 19 Jun 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G2

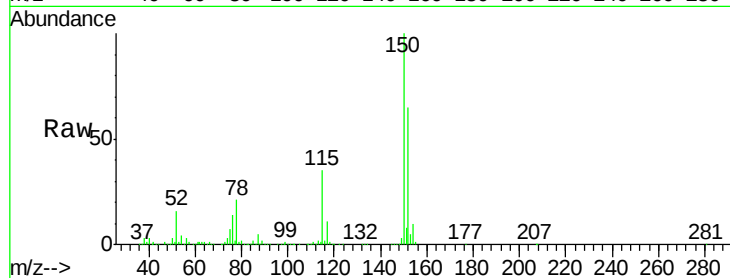
Tgt Ion:152 Resp: 221642

Ion Ratio Lower Upper

152 100

115 54.5 26.9 80.6

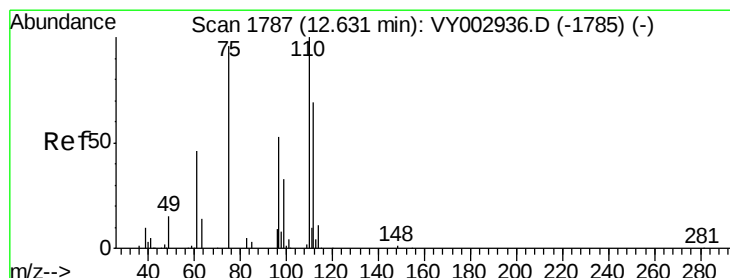
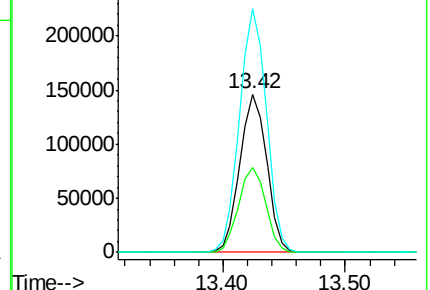
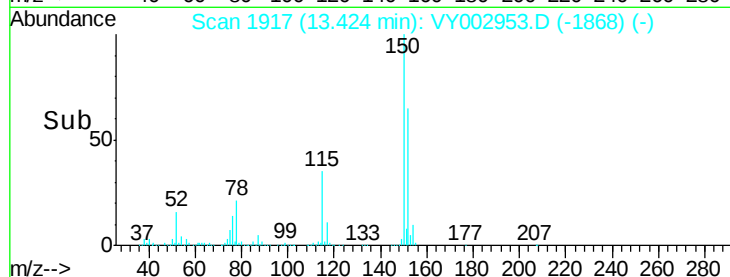
150 154.3 0.0 341.8



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: 46.452 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002953.D

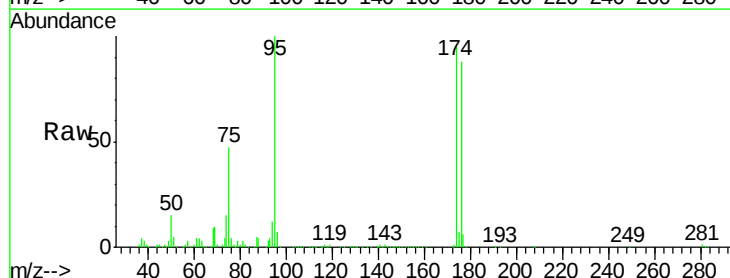
Acq: 19 Jun 2020 21:23

Tgt Ion: 75 Resp: 89666

Ion Ratio Lower Upper

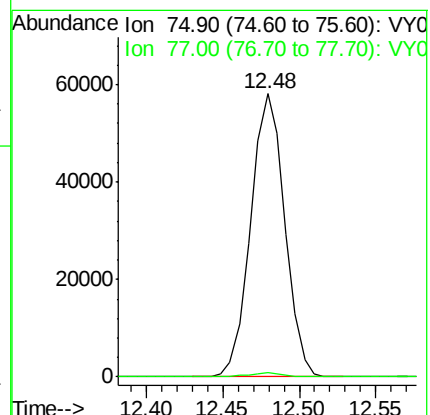
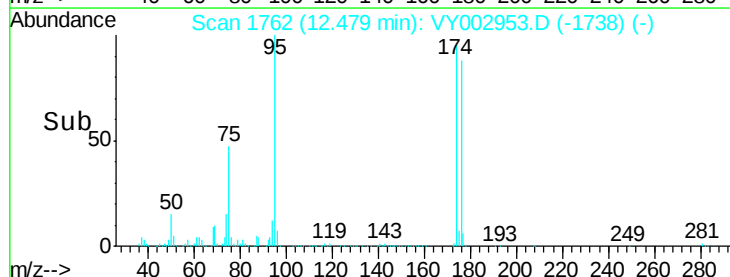
75 100

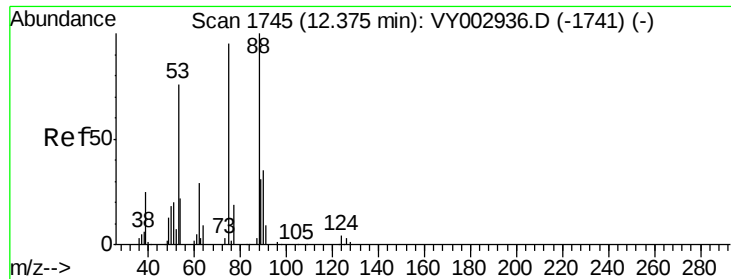
77 1.5 0.0 0.0#



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: 88.687 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002953.D

Acq: 19 Jun 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G2

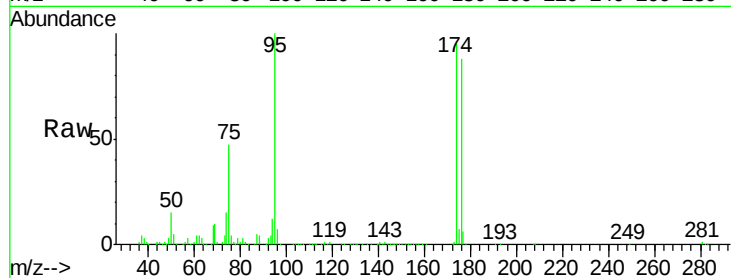
Tgt Ion: 75 Resp: 89666

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

