

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002954.D
 Acq On : 19 Jun 2020 21:47
 Operator : SY/MD
 Sample : L3046-09
 Misc : 9.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

Quant Time: Jun 20 03:59:35 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

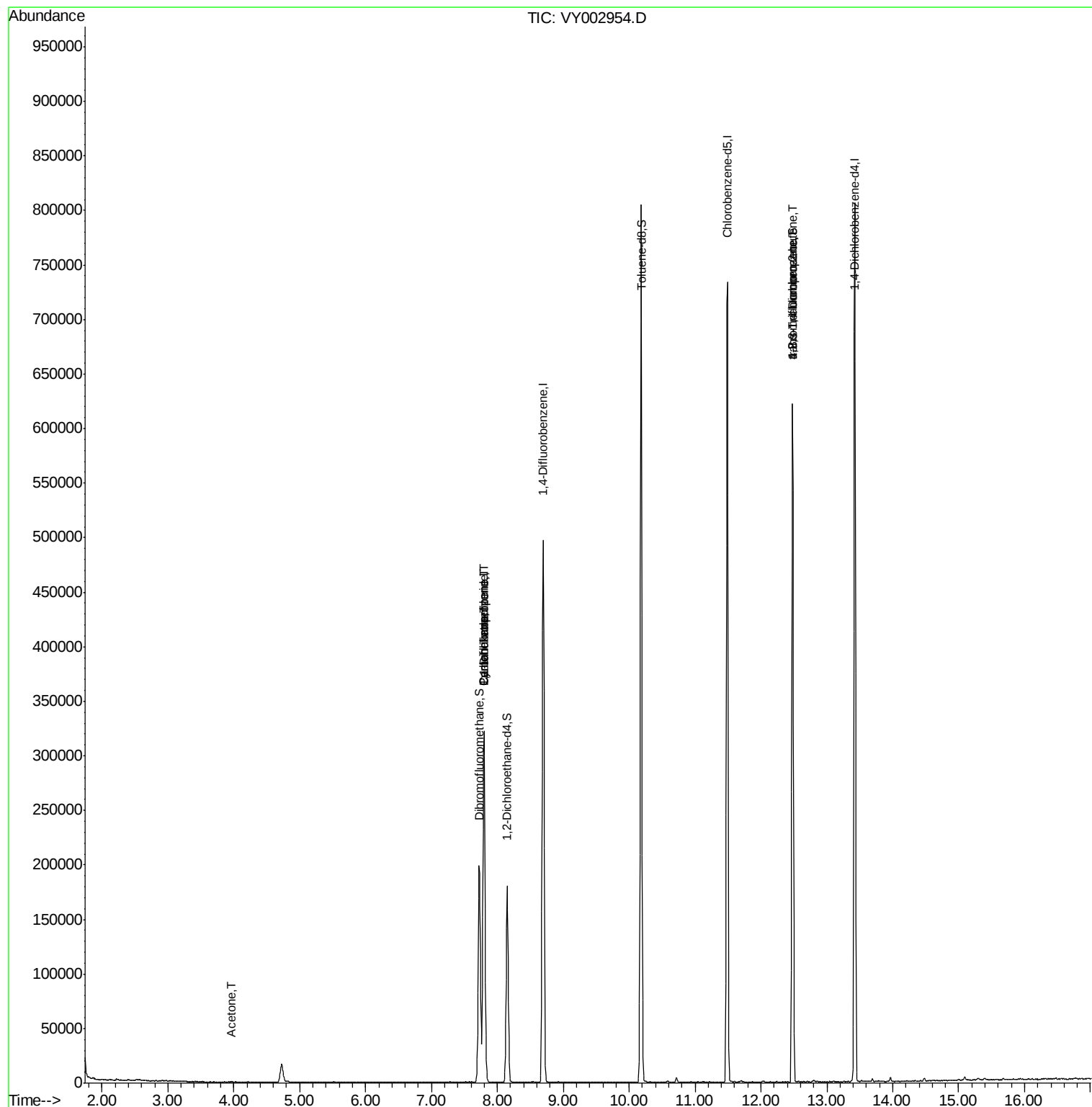
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	275626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	456756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140971	61.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.84%	
35) Dibromofluoromethane	7.72	113	142794	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
50) Toluene-d8	10.18	98	536145	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.48	95	189926	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	600	1.064	ug/l #	82
18) Methyl Acetate	4.48	43	420	Below Cal	#	49
20) Methylene Chloride	4.72	84	13316	Below Cal		94
31) Cyclohexane	7.80	56	4101	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	17201	4.637	ug/l #	48
38) Carbon Tetrachloride	7.80	117	24243	5.930	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	88430	45.576	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88430	87.015	ug/l #	16

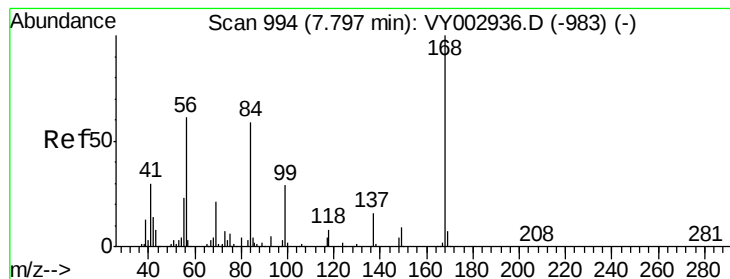
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002954.D

Acq: 19 Jun 2020 21:47

Instrument :

MSVOA_Y

ClientSampleId :

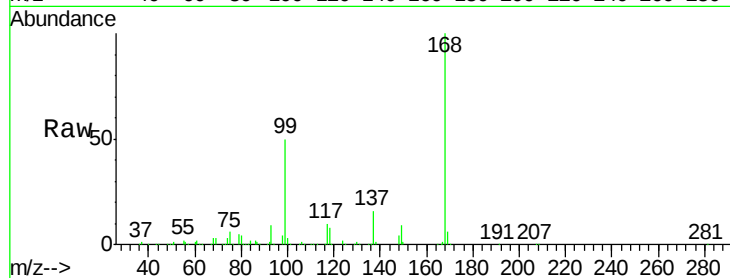
ISS-C-G3

Tgt Ion:168 Resp: 275626

Ion Ratio Lower Upper

168 100

99 50.2 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) (-)

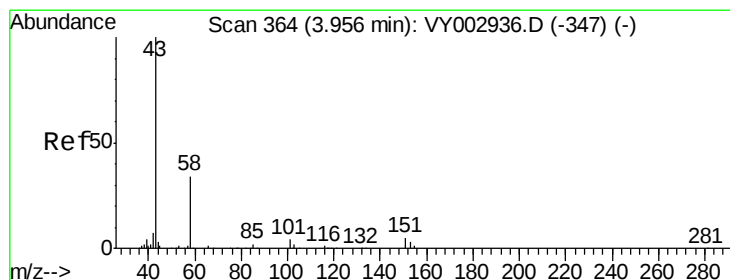
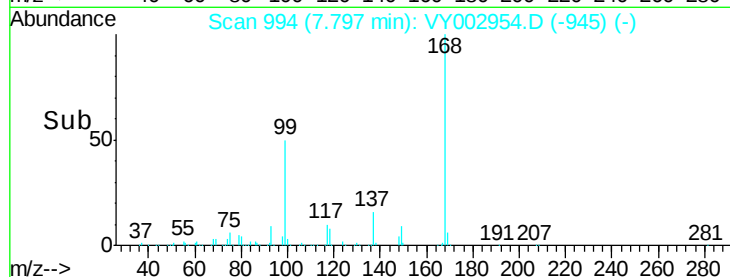
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 1.064 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002954.D

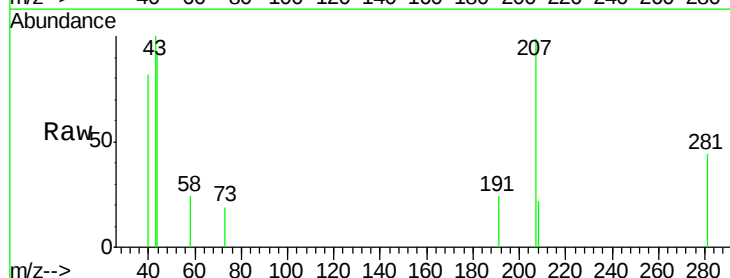
Acq: 19 Jun 2020 21:47

Tgt Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

58 23.7 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

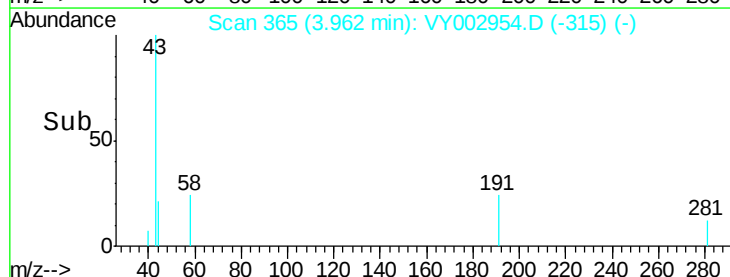
150

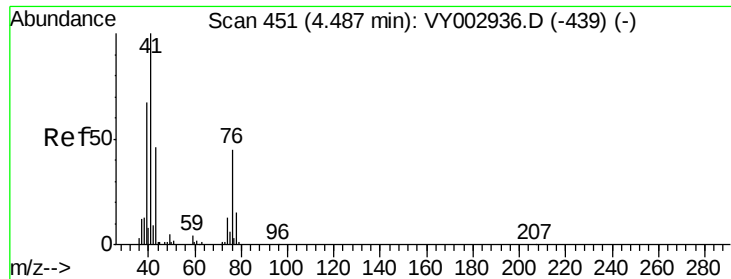
100

50

0

Time-->

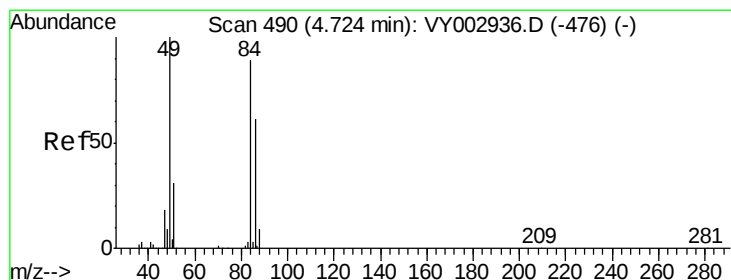
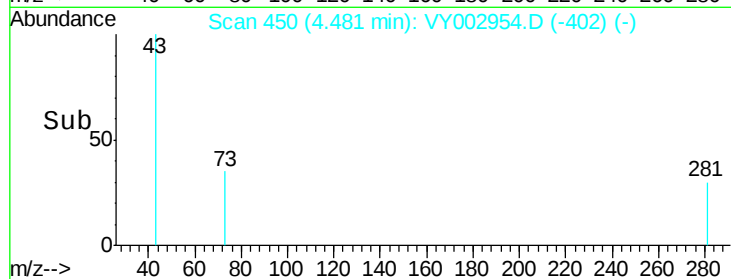
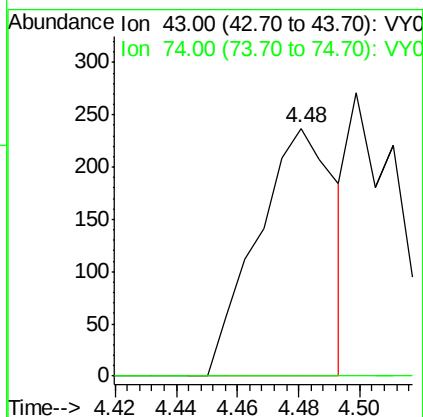
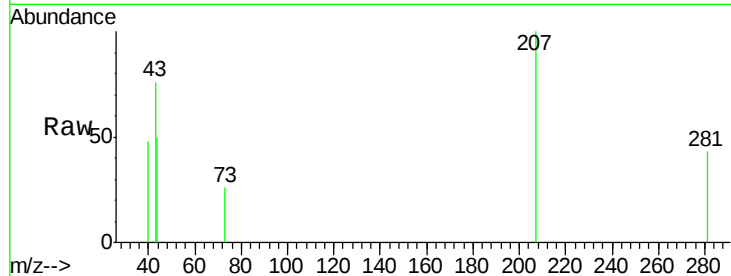




#18
Methyl Acetate
Concen: Below Cal
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002954.D
Acq: 19 Jun 2020 21:47

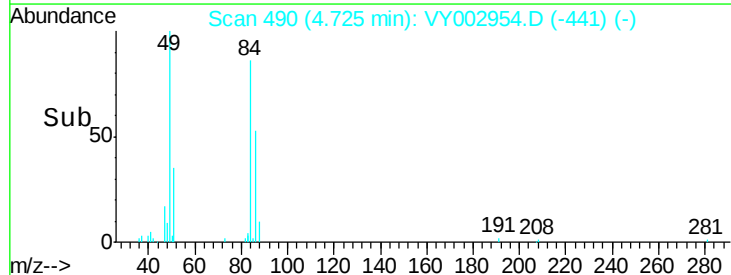
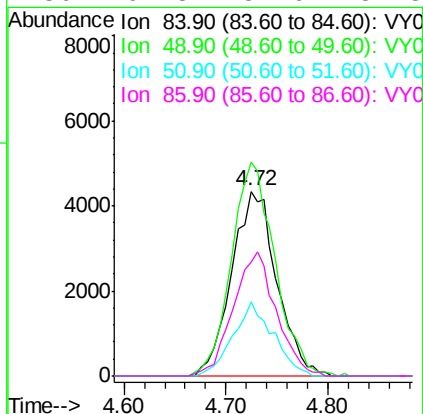
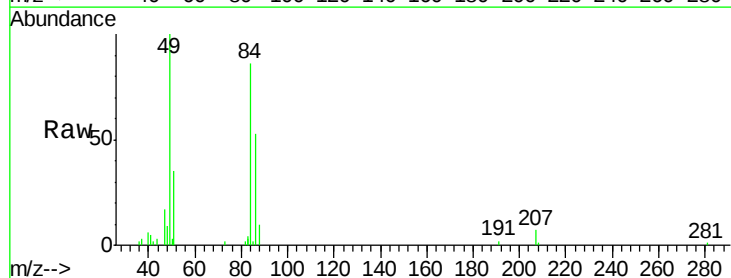
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G3

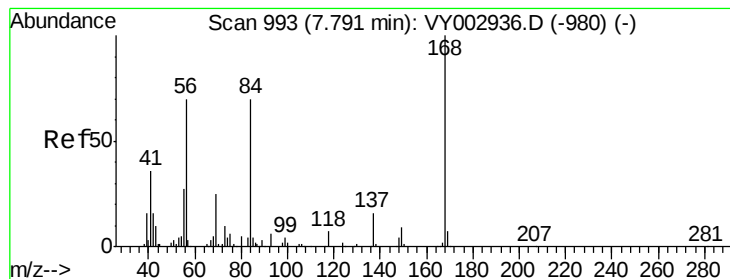
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002954.D
Acq: 19 Jun 2020 21:47

Tgt Ion: 84 Resp: 13316
Ion Ratio Lower Upper
84 100
49 115.8 90.0 135.0
51 40.5 27.9 41.9
86 61.8 54.6 81.8





#31

Cyclohexane

Concen: 1.049 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002954.D

Acq: 19 Jun 2020 21:47

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G3

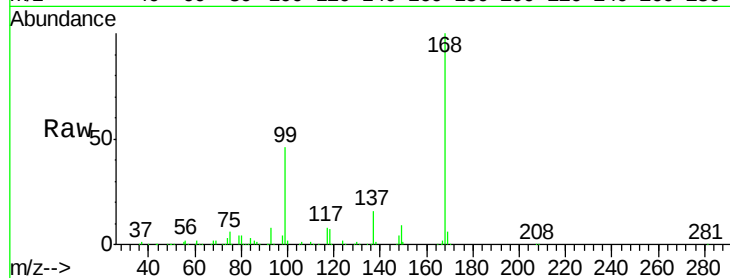
Tgt Ion: 56 Resp: 4101

Ion Ratio Lower Upper

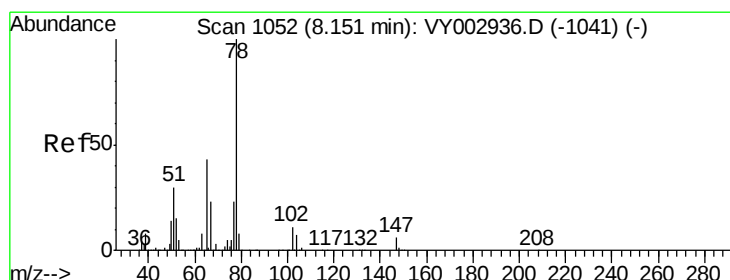
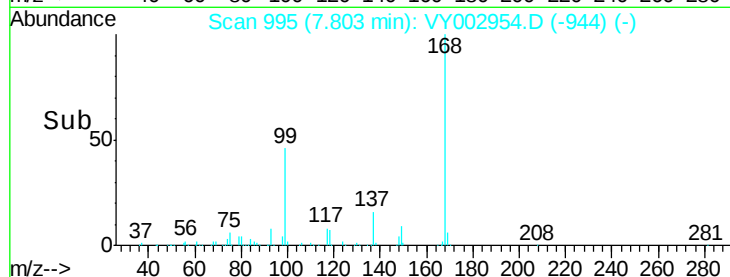
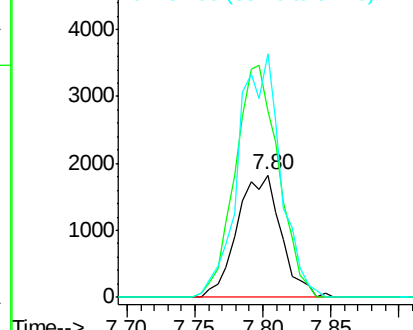
56 100

69 152.4 28.9 43.3#

84 199.0 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: 61.921 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002954.D

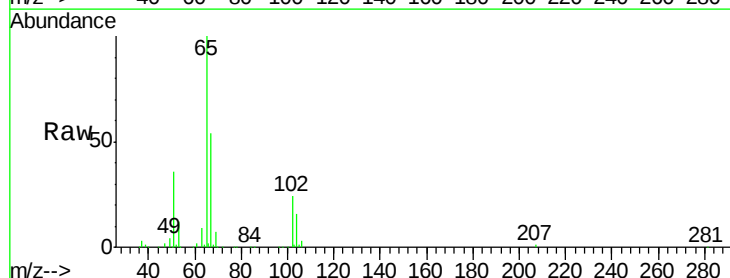
Acq: 19 Jun 2020 21:47

Tgt Ion: 65 Resp: 140971

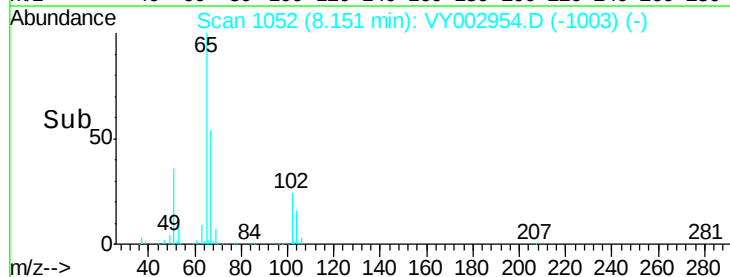
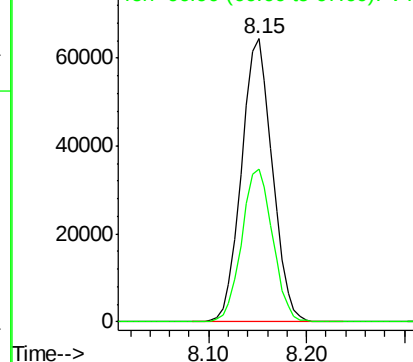
Ion Ratio Lower Upper

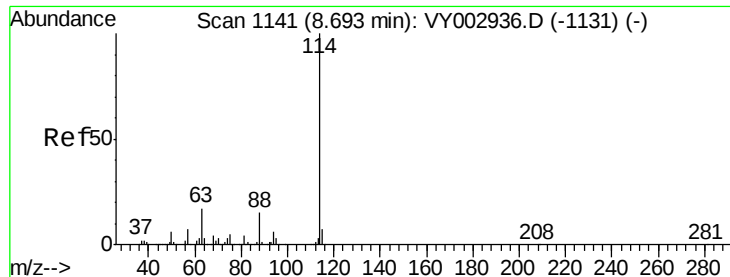
65 100

67 54.1 0.0 109.4



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

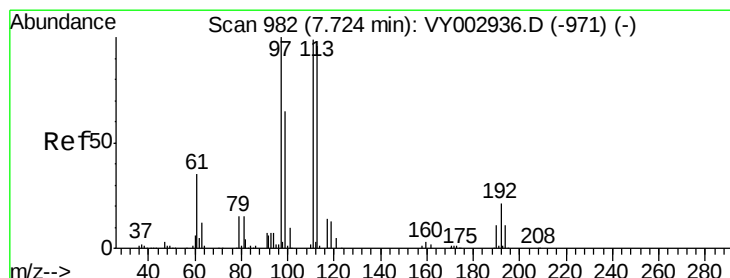
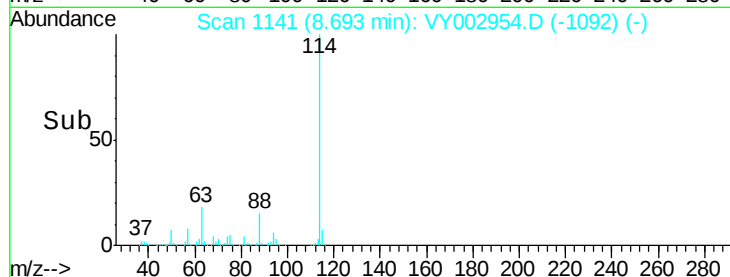
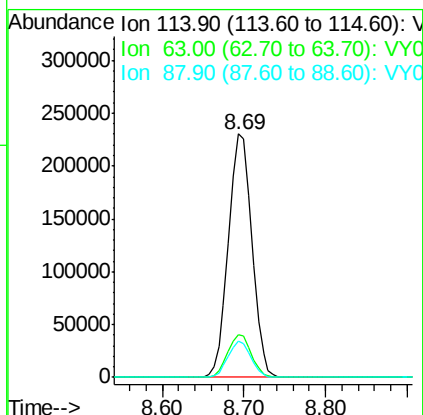
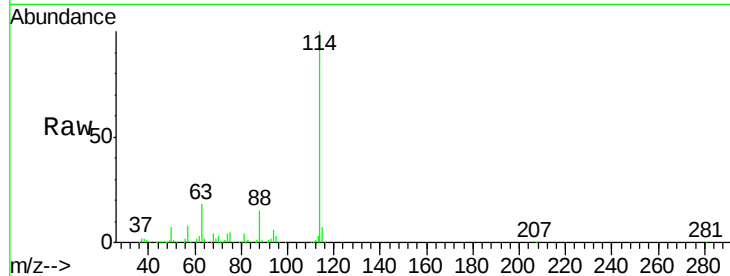




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

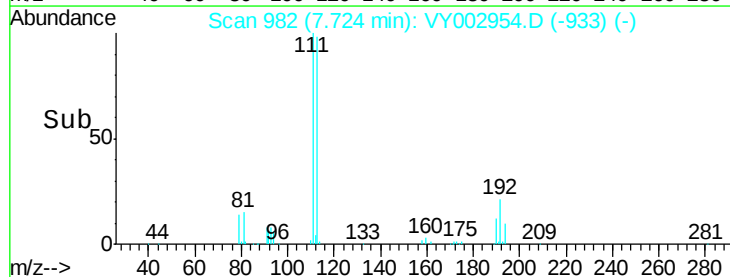
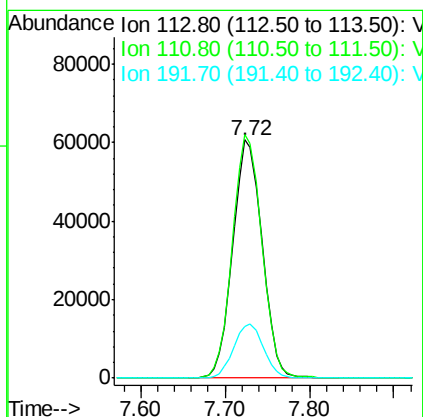
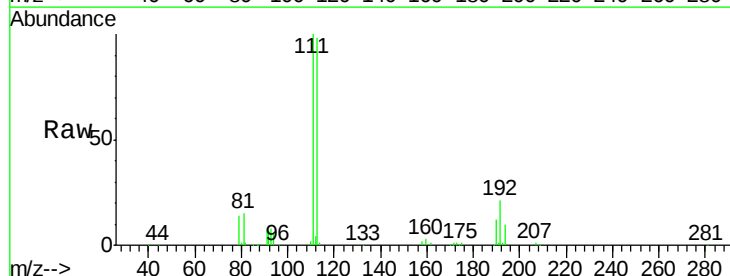
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

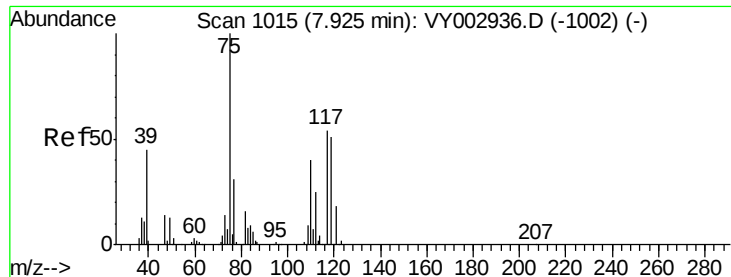
Tgt Ion:114 Resp: 456756
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.6
 88 15.0 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 55.252 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

Tgt Ion:113 Resp: 142794
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 23.2 19.2 28.8

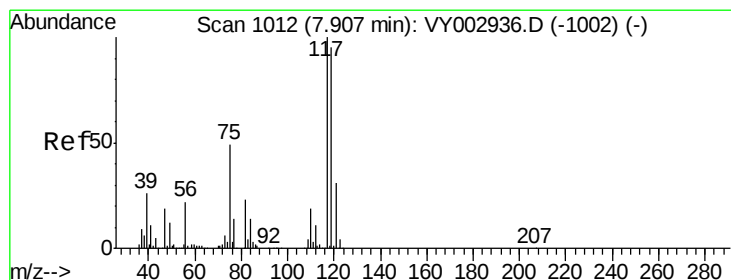
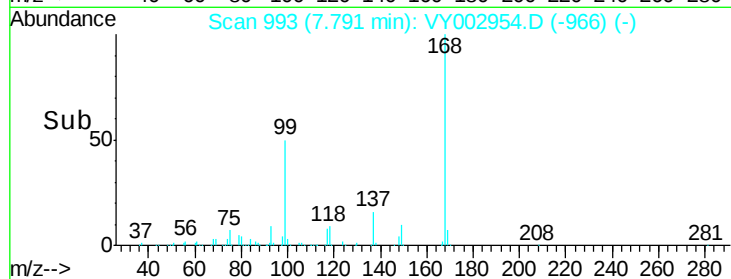
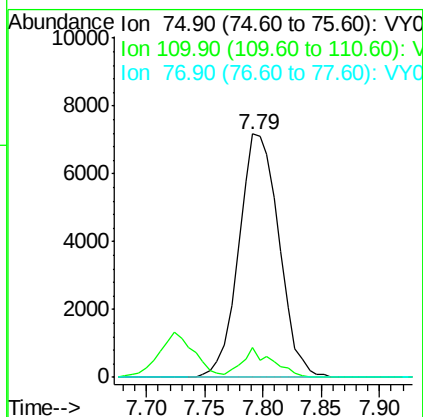
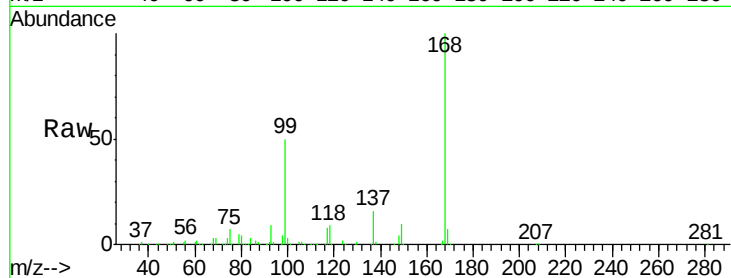




#36
 1,1-Dichloropropene
 Concen: 4.637 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

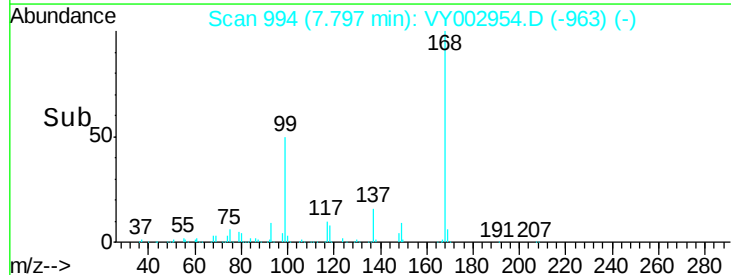
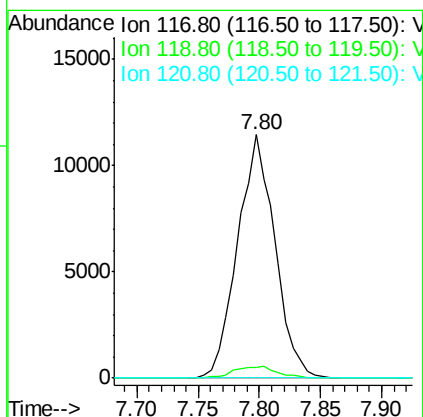
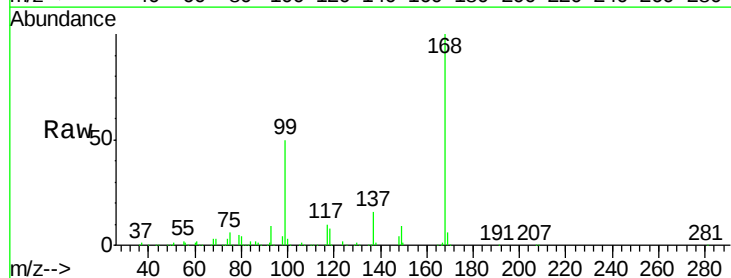
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

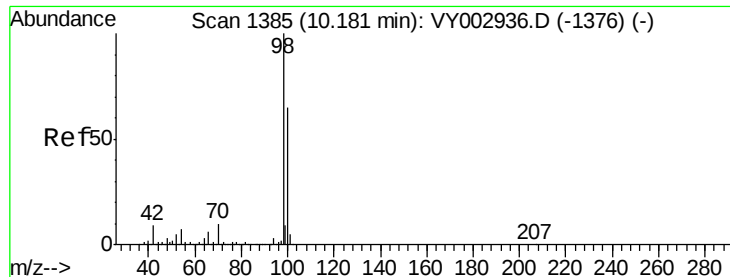
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.7	59.0#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.930 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 52.614 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002954.D

Acq: 19 Jun 2020 21:47

Instrument :

MSVOA_Y

ClientSampleId :

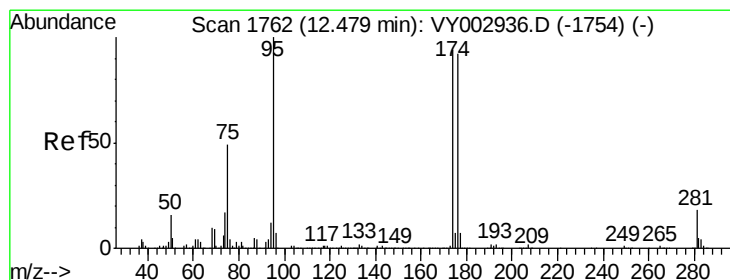
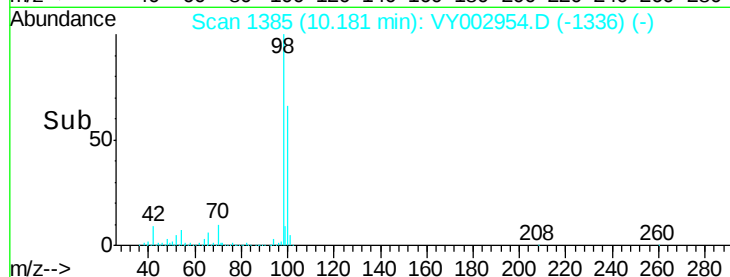
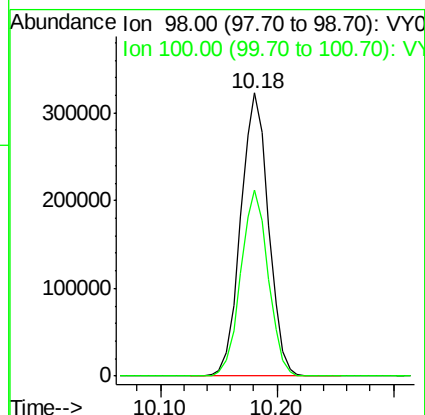
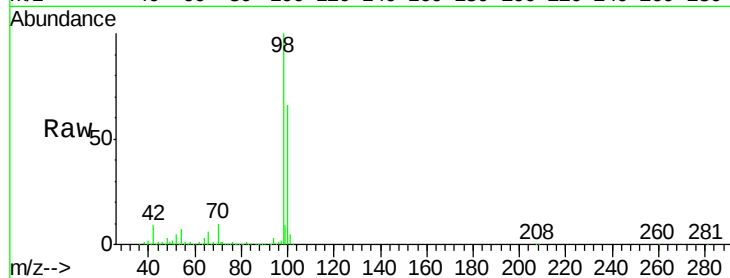
ISS-C-G3

Tgt Ion: 98 Resp: 536145

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.731 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002954.D

Acq: 19 Jun 2020 21:47

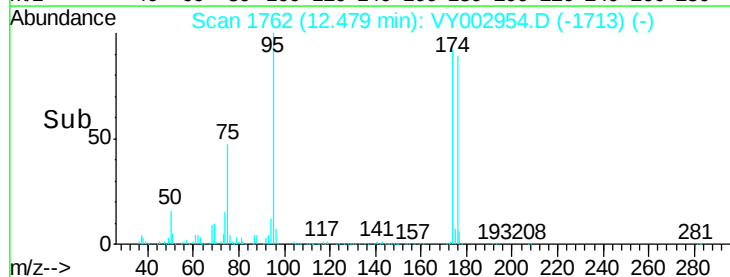
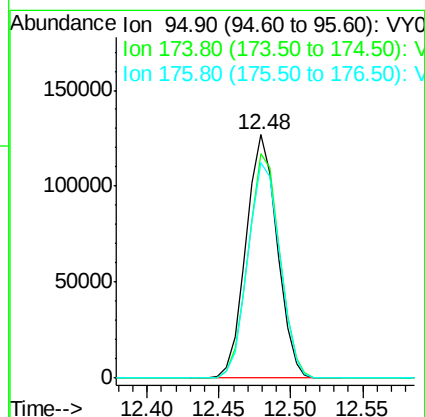
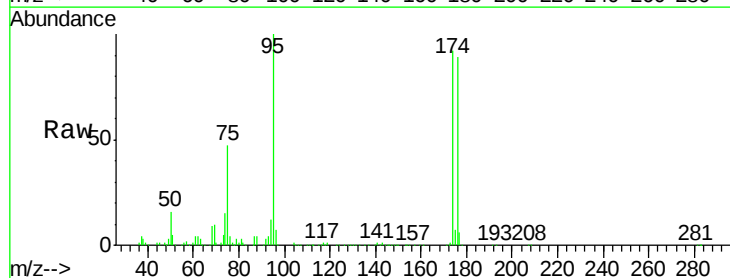
Tgt Ion: 95 Resp: 189926

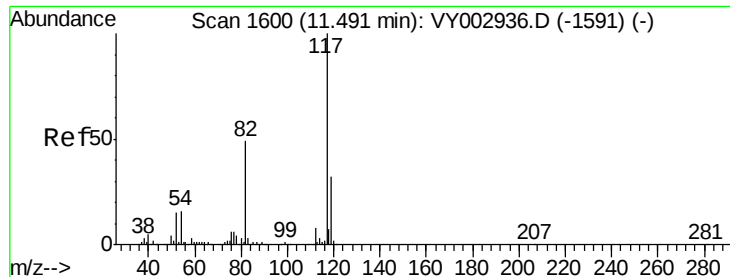
Ion Ratio Lower Upper

95 100

174 93.6 0.0 191.2

176 90.8 0.0 186.0

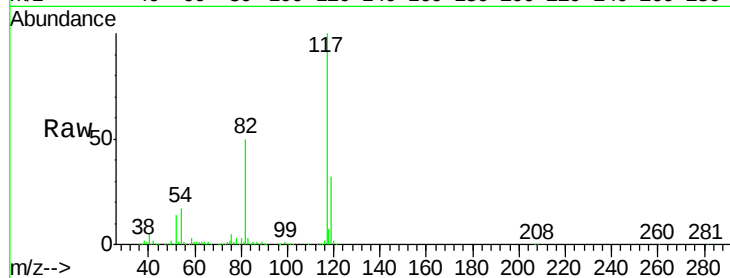




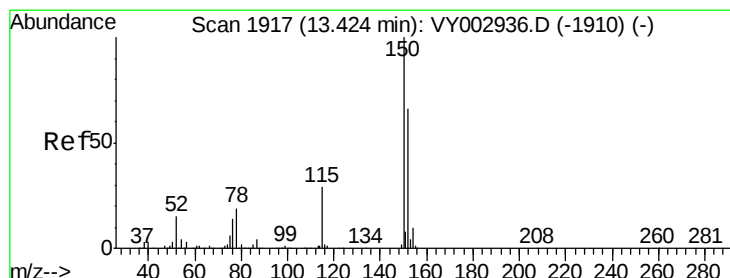
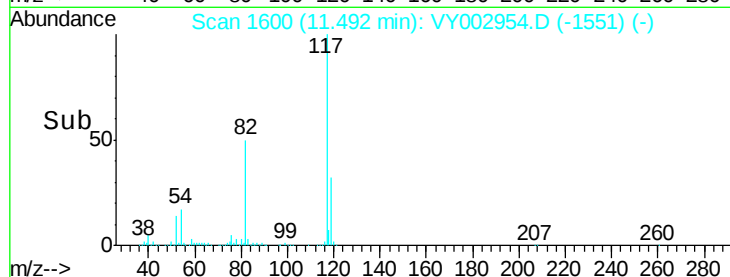
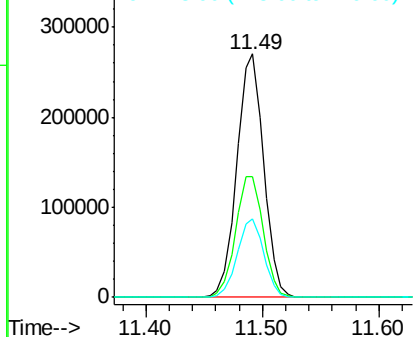
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002954.D
Acq: 19 Jun 2020 21:47

Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G3

Tgt Ion:117 Resp: 433650
Ion Ratio Lower Upper
117 100
82 49.6 39.4 59.0
119 32.1 25.4 38.0

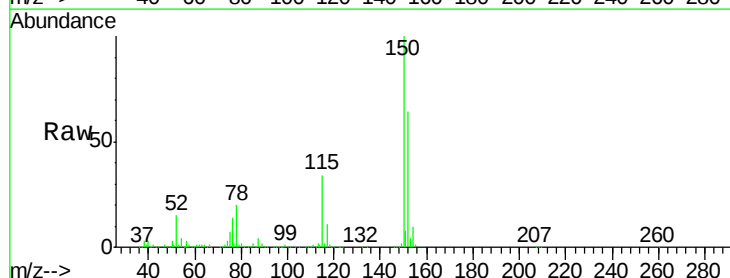


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

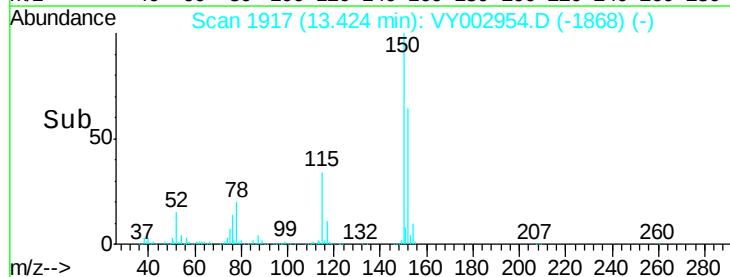
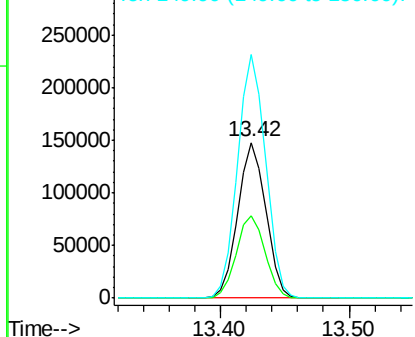


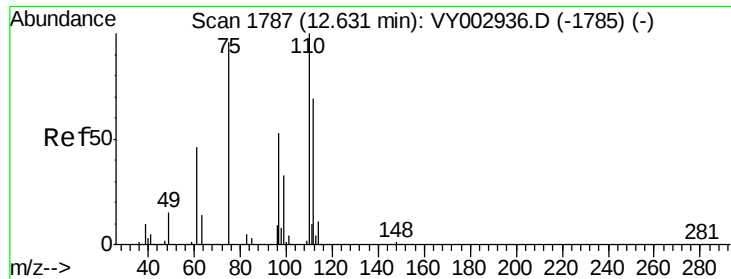
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002954.D
Acq: 19 Jun 2020 21:47

Tgt Ion:152 Resp: 222788
Ion Ratio Lower Upper
152 100
115 54.0 26.9 80.6
150 156.9 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

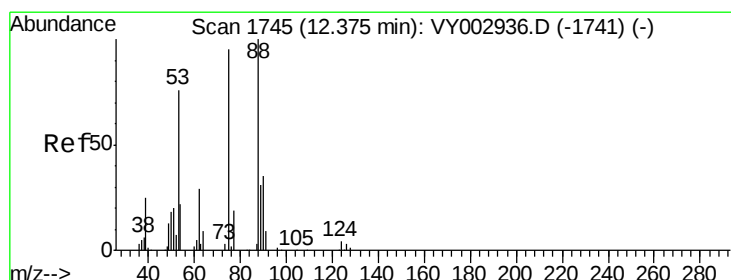
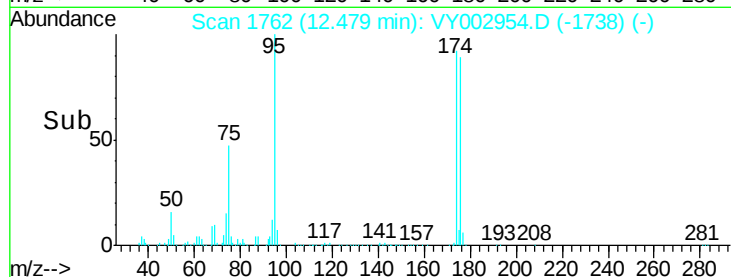
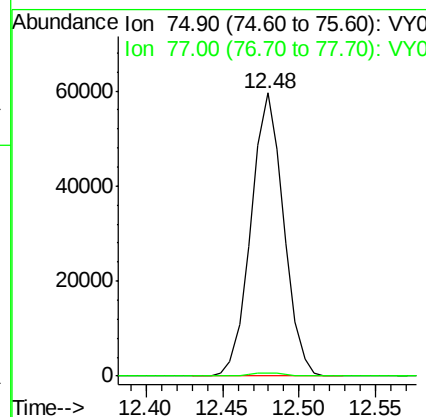
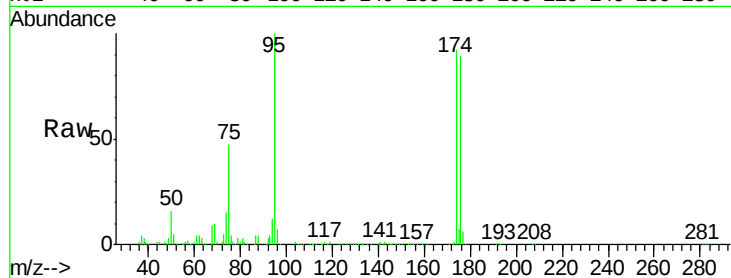




#76
 1,2,3-Trichloropropane
 Concen: 45.576 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

Tgt Ion: 75 Resp: 88430
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.015 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002954.D
 Acq: 19 Jun 2020 21:47

Tgt Ion: 75 Resp: 88430
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 38.4 57.6#

