

Data File : VY002972.D
Acq On : 22 Jun 2020 14:34
Operator : SY/MD
Sample : L3046-07
Misc : 8.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

Quant Time: Jun 26 06:58:47 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%	

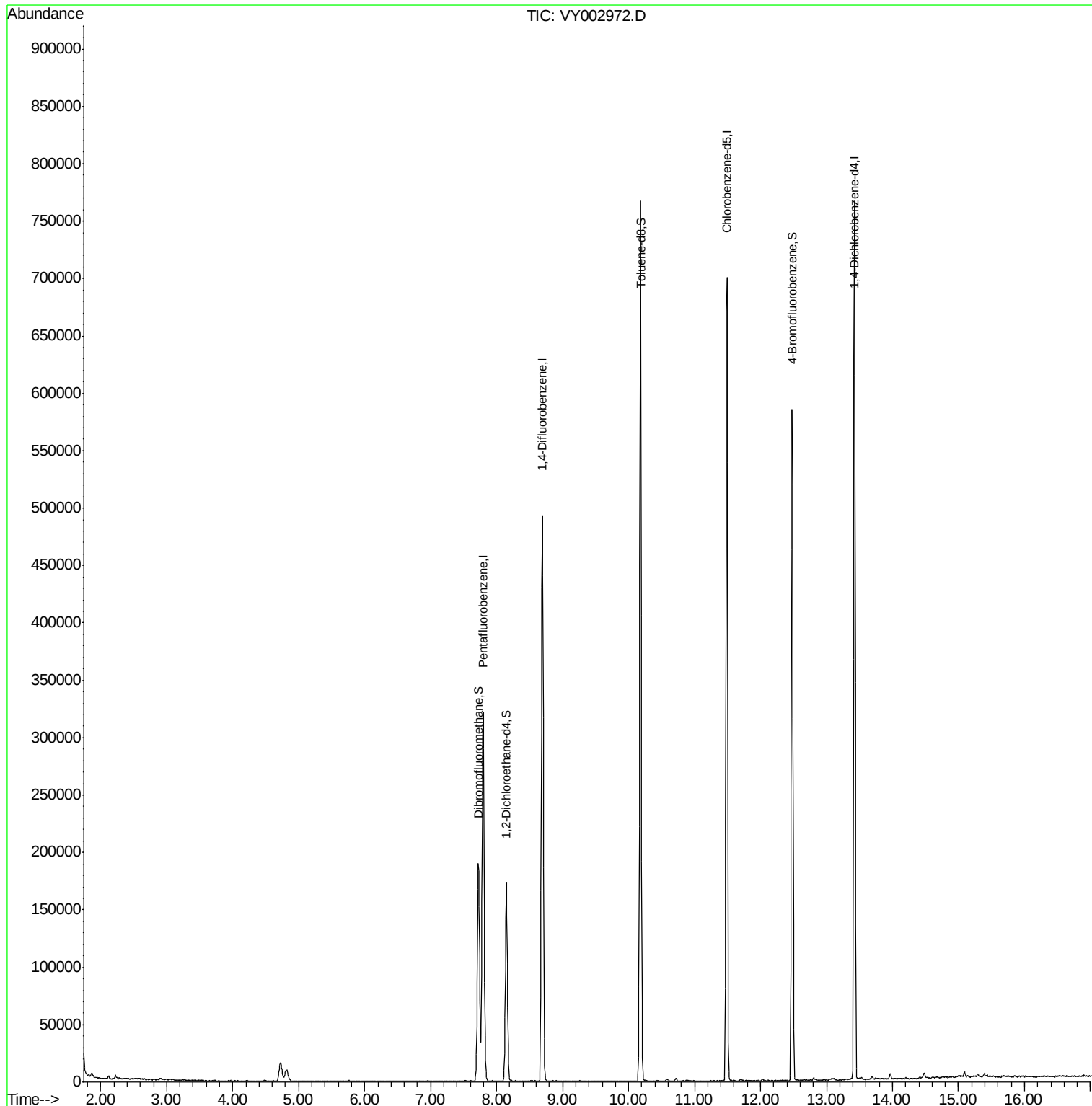
Target Compounds Qvalue

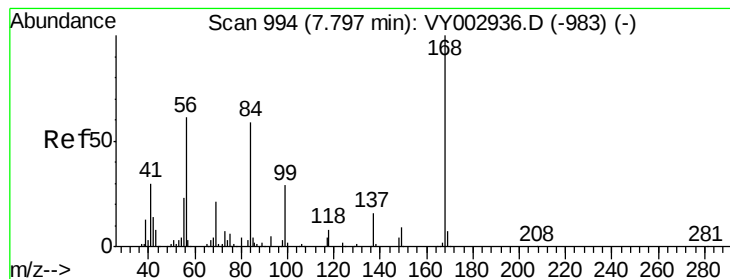
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

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Instrument :

MSVOA_Y

ClientSampleId :

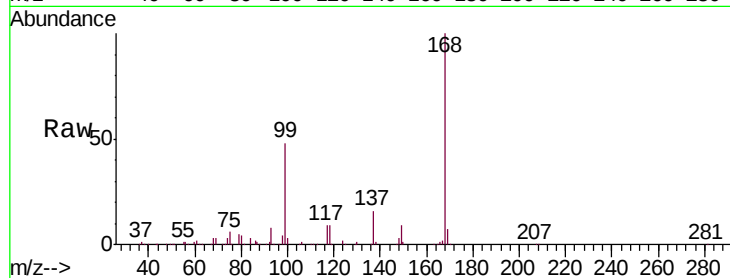
ISS-C-G1

Tgt 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 (-1003) (-)

Ion 98.90 (98.60 to 99.60): VY002972.D (-1003) (-)

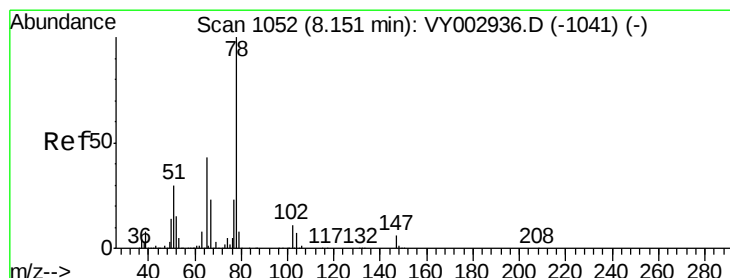
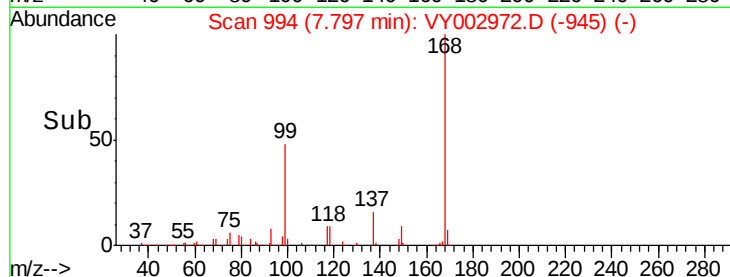
7.80

100000

50000

0

Time-->



#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

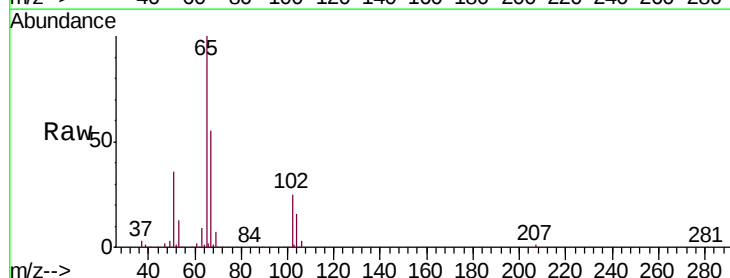
Acq: 22 Jun 2020 14:34

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): VY002972.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002972.D (-1003) (-)

8.14

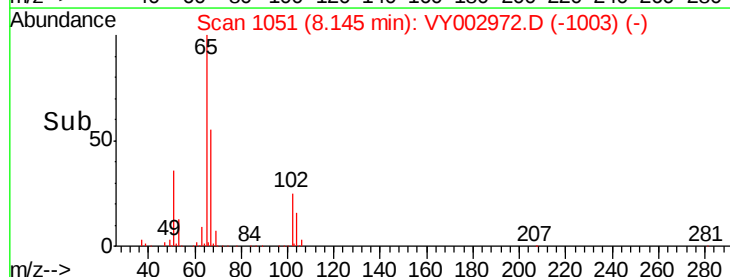
60000

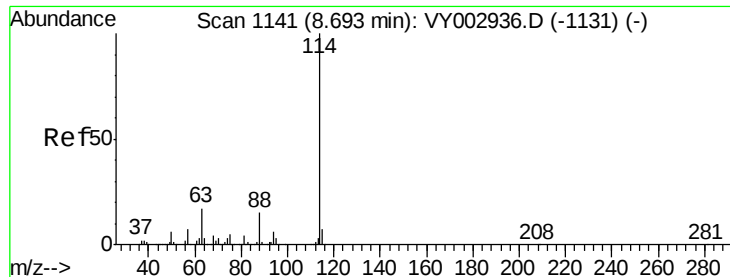
40000

20000

0

Time-->

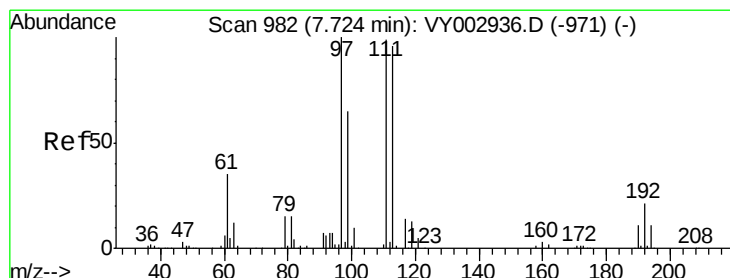
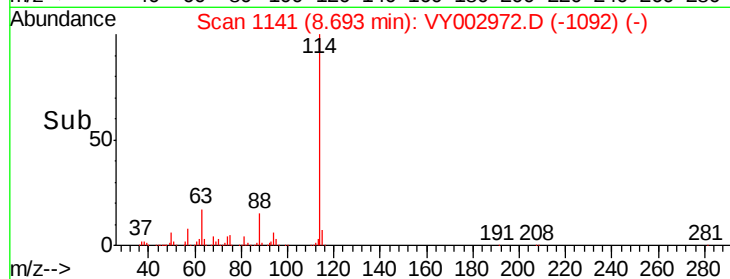
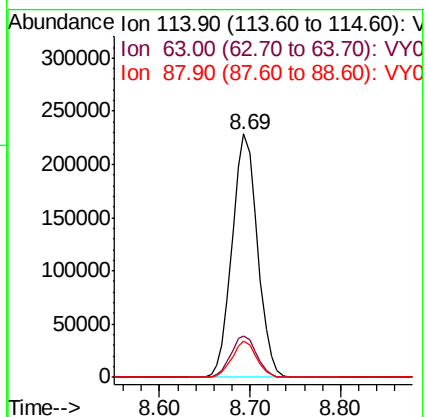
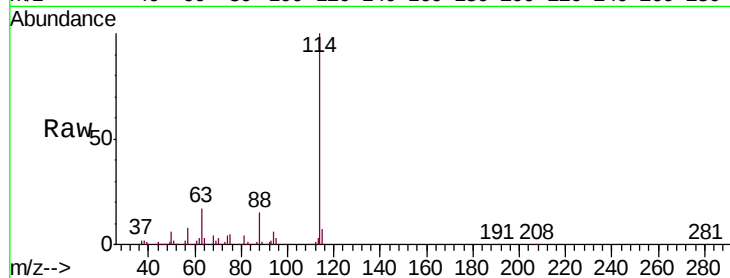




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002972.D
 Acq: 22 Jun 2020 14:34

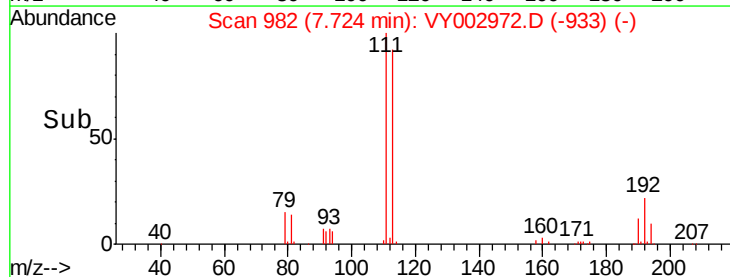
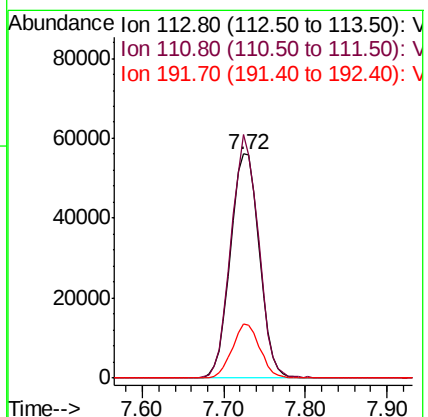
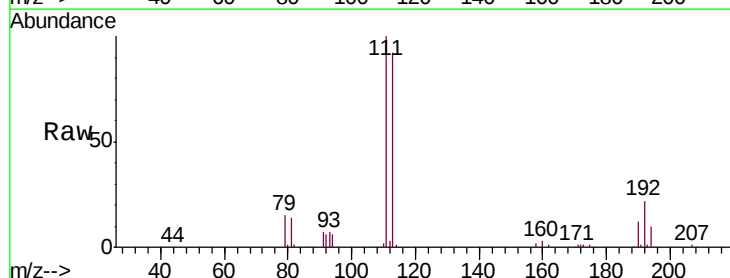
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G1

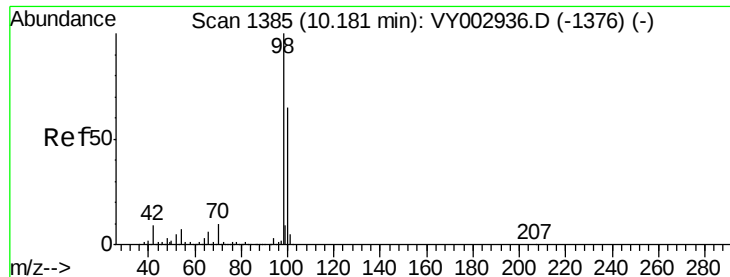
Tgt Ion:114 Resp: 443177
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.6
 88 14.7 0.0 29.2



#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





#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 :

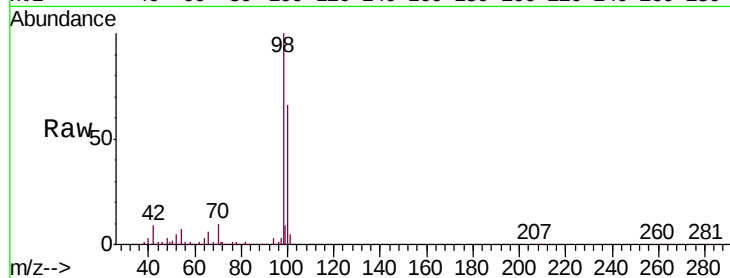
ISS-C-G1

Tgt 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

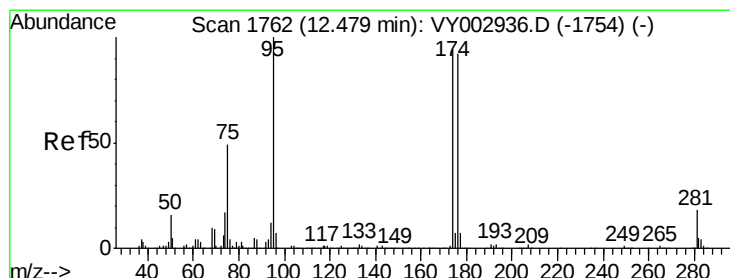
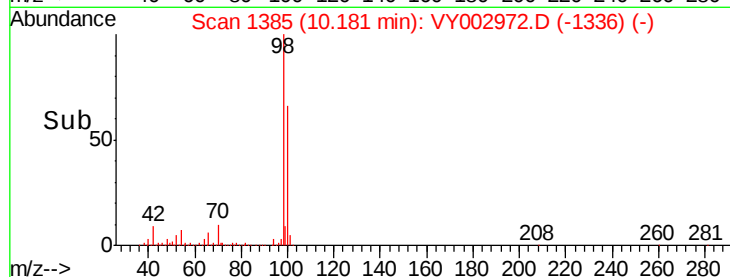
200000

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

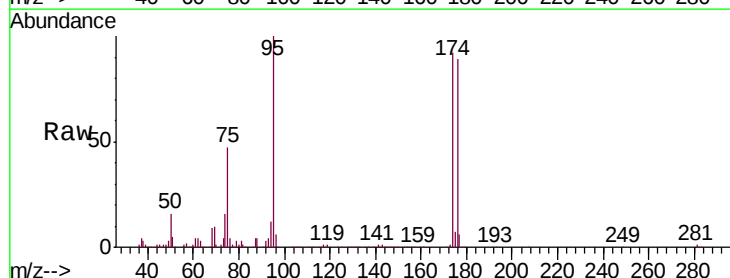
Tgt Ion: 95 Resp: 178328

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

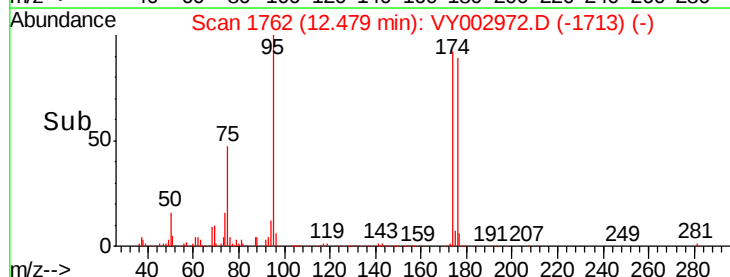
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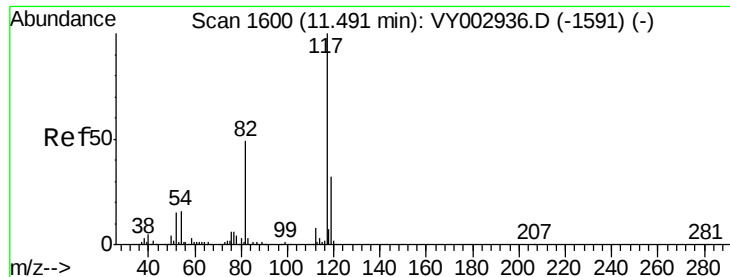
50000

0

Time-->

12.40 12.50

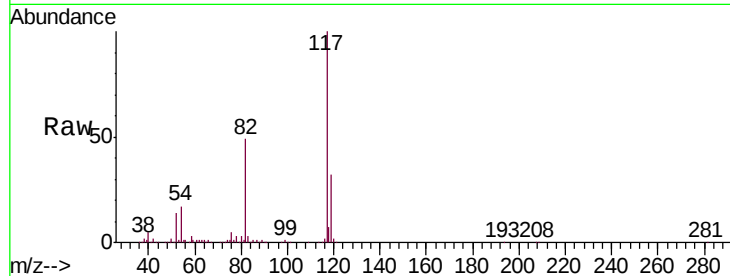




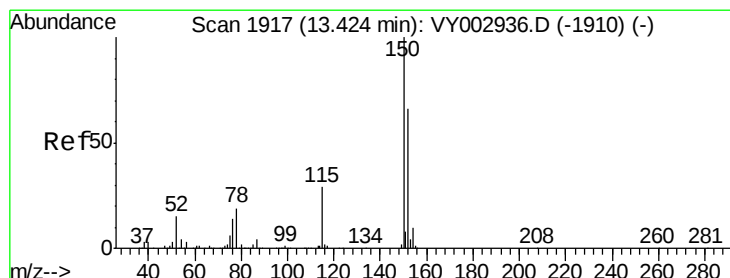
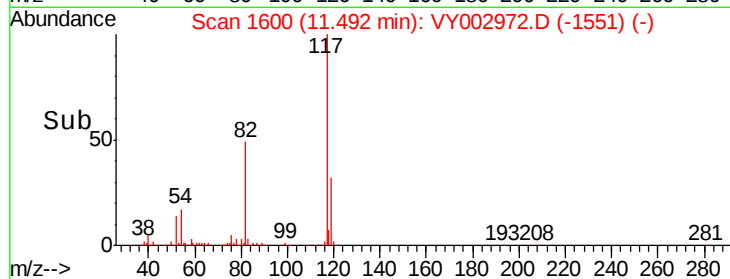
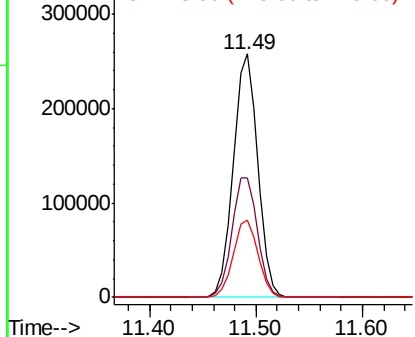
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002972.D
Acq: 22 Jun 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.0
119	31.8	25.4	38.0

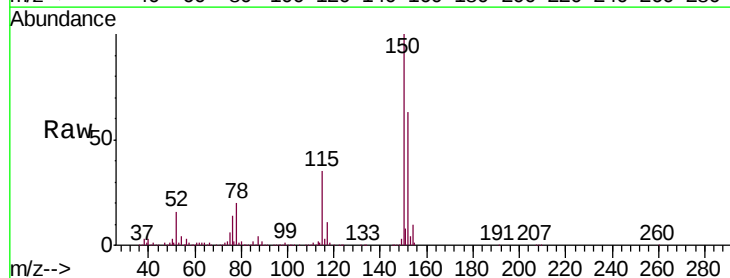


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.6
150	156.5	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

