

Data File : VY002970.D
Acq On : 22 Jun 2020 13:47
Operator : SY/MD
Sample : L3046-05
Misc : 7.24G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

Quant Time: Jun 26 06:58:02 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	272513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	444311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	212795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133481	59.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.60%	
35) Dibromofluoromethane	7.72	113	138006	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
50) Toluene-d8	10.18	98	521421	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.48	95	185464	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

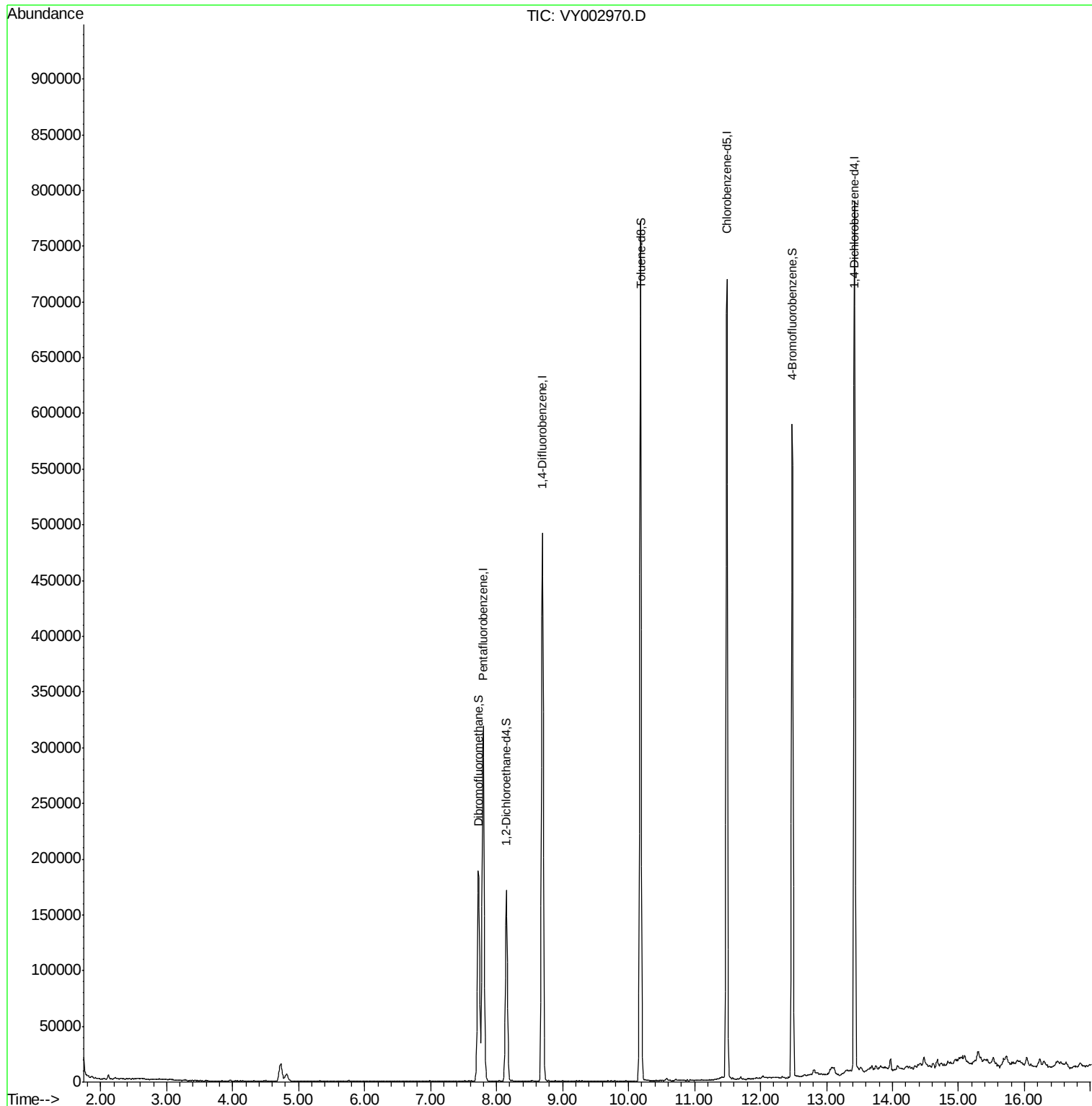
Target Compounds Qvalue

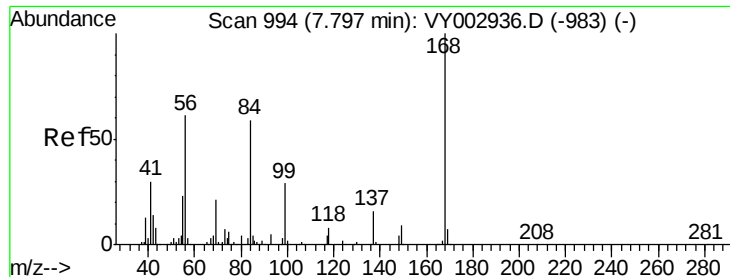
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

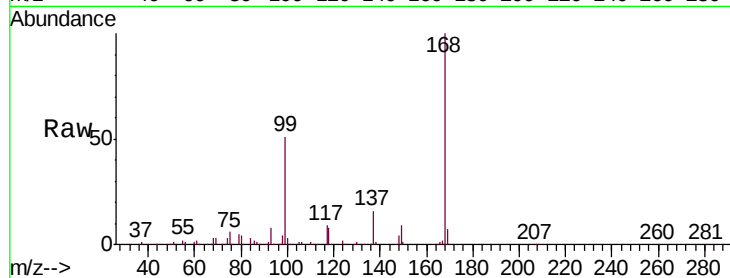
ISS-B-G2

Tgt Ion:168 Resp: 272513

Ion Ratio Lower Upper

168 100

99 50.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002970.D

Ion 98.90 (98.60 to 99.60): VY002970.D

7.80

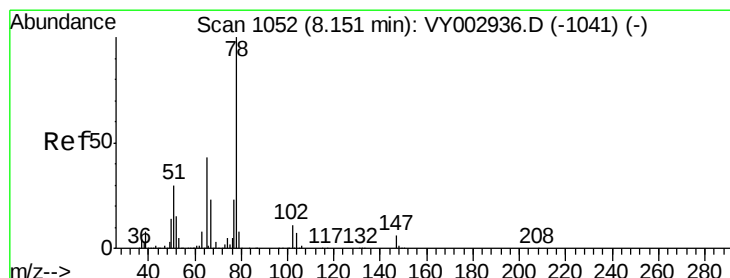
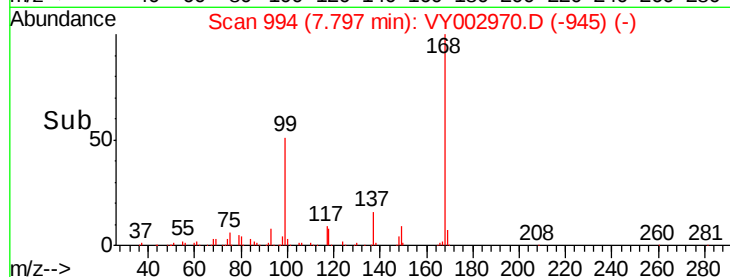
100000

50000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 59.301 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002970.D

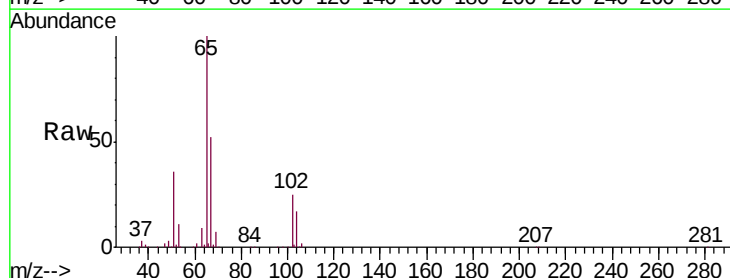
Acq: 22 Jun 2020 13:47

Tgt Ion: 65 Resp: 133481

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002970.D

Ion 66.90 (66.60 to 67.60): VY002970.D

8.15

60000

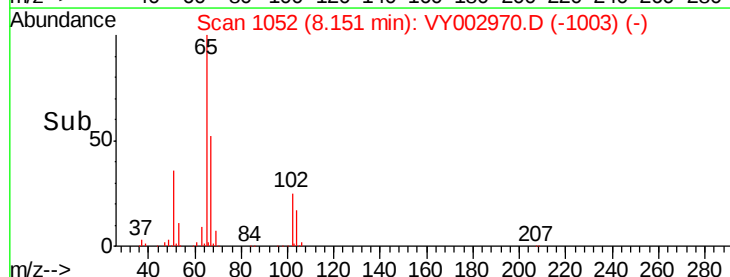
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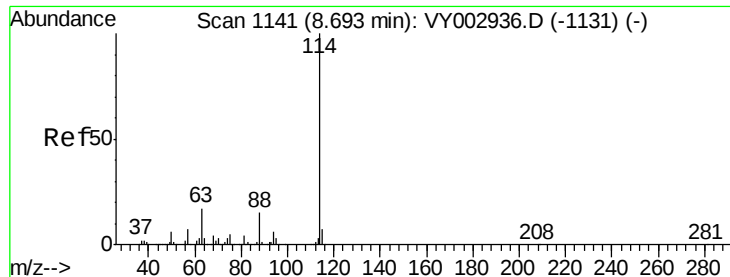
20000

0

Time-->

8.10 8.20 8.30

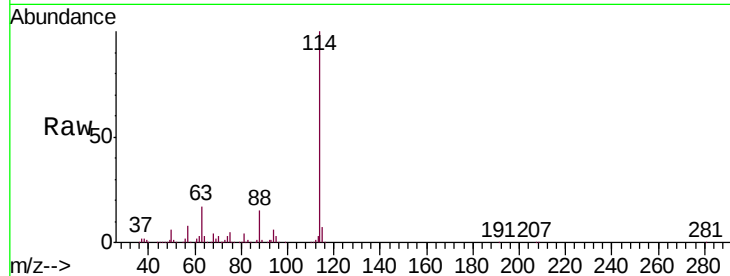




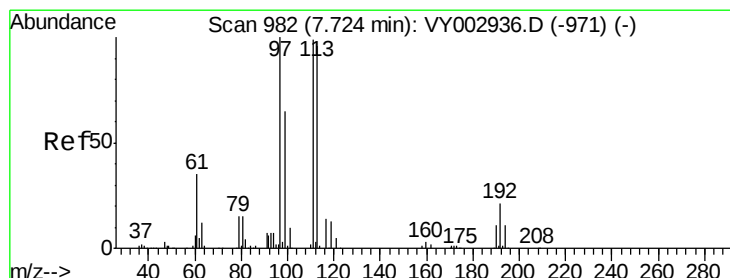
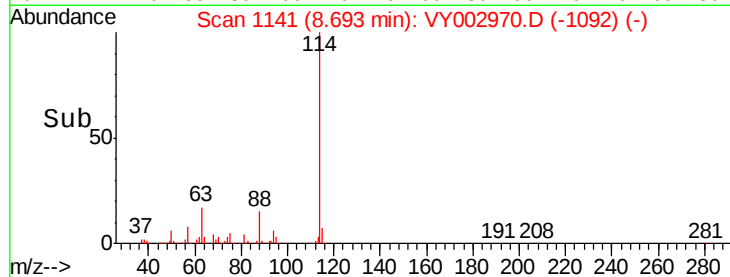
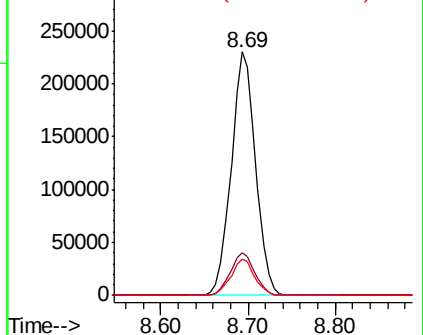
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002970.D
 Acq: 22 Jun 2020 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G2

Tgt Ion:114 Resp: 444311
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.6
 88 14.7 0.0 29.2

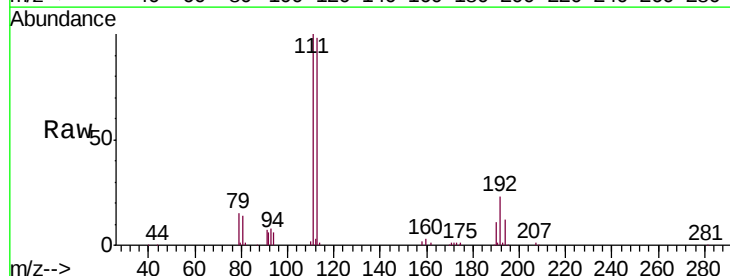


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

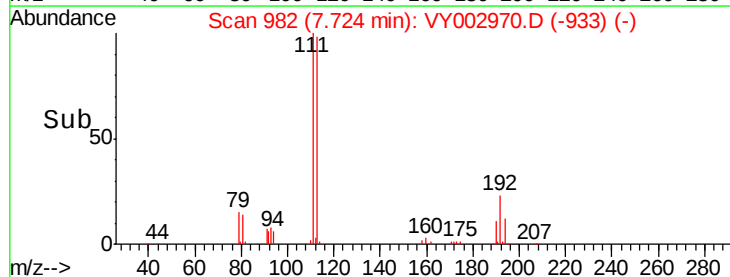
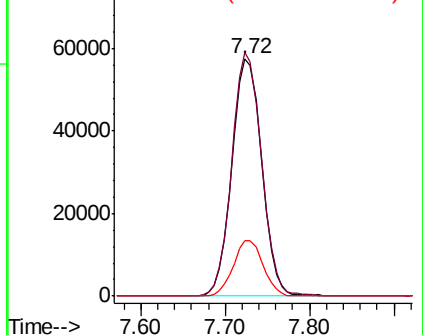


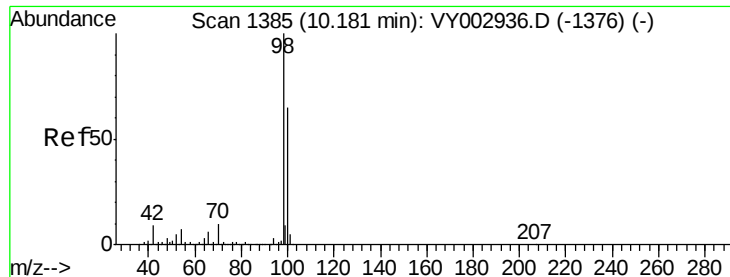
#35
 Dibromofluoromethane
 Concen: 54.895 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002970.D
 Acq: 22 Jun 2020 13:47

Tgt Ion:113 Resp: 138006
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 23.3 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





#50

Toluene-d8

Concen: 52.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

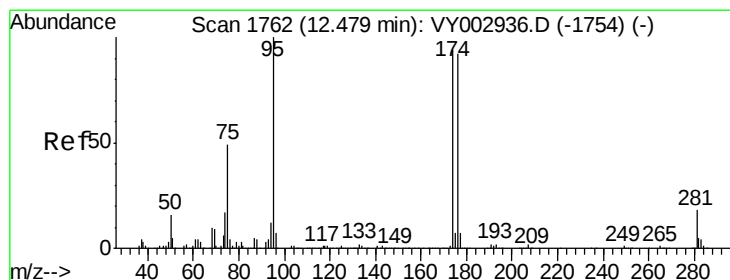
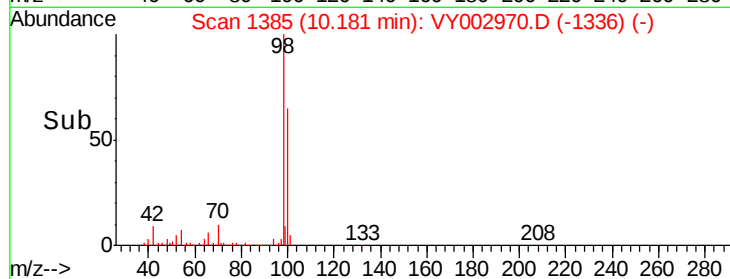
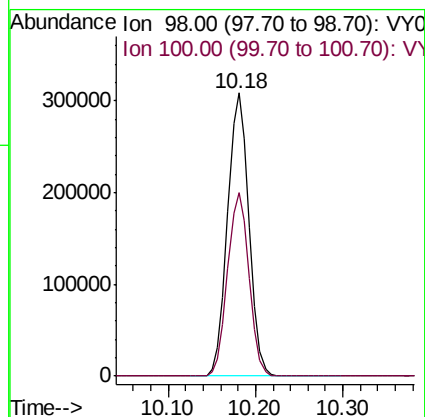
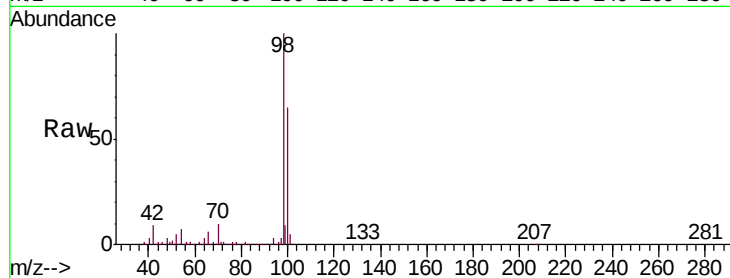
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Tgt Ion: 98 Resp: 521421

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.938 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

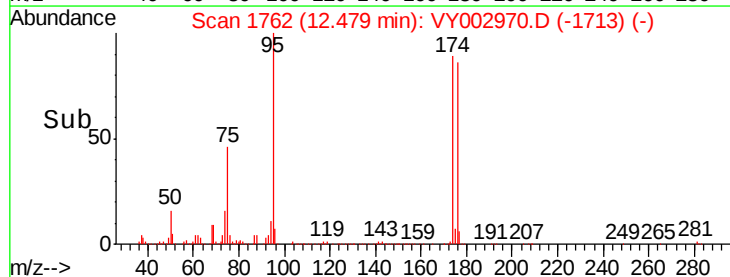
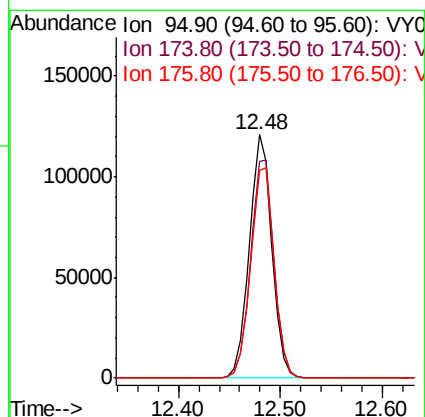
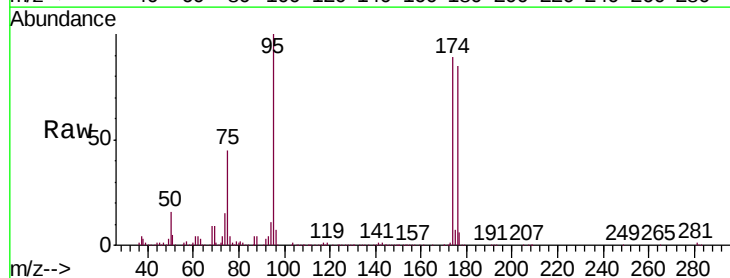
Tgt Ion: 95 Resp: 185464

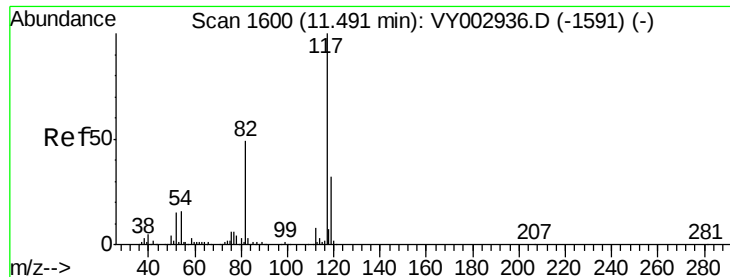
Ion Ratio Lower Upper

95 100

174 93.7 0.0 191.2

176 90.7 0.0 186.0

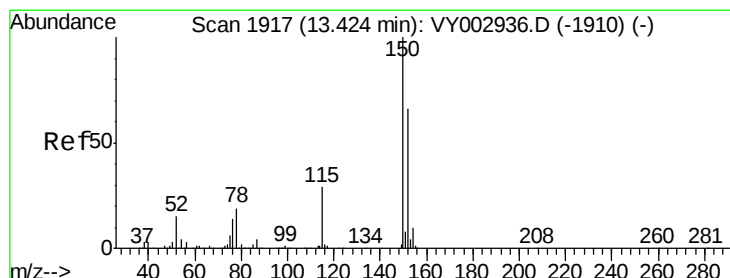
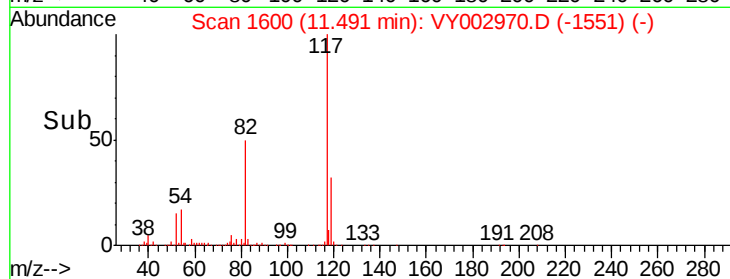
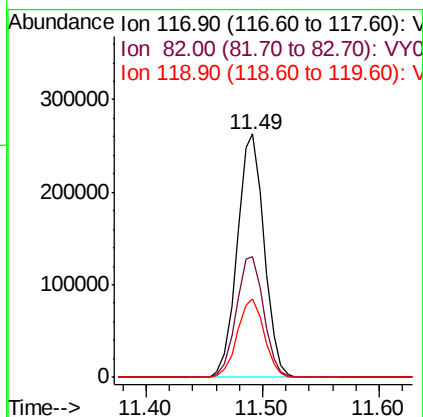
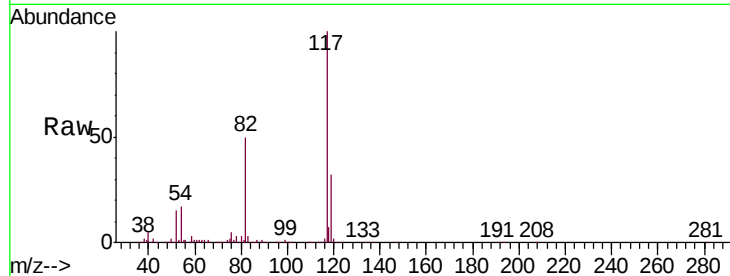




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.4	59.0
119	32.2	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: VY002970.D
Acq: 22 Jun 2020 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.6
150	156.1	0.0	341.8

