

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002946.D
 Acq On : 19 Jun 2020 18:36
 Operator : SY/MD
 Sample : L3046-01
 Misc : 7.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

Quant Time: Jun 20 04:58:12 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	275932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	454257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223046	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140491	61.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.28%	
35) Dibromofluoromethane	7.73	113	141952	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.18	98	536340	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.48	95	191921	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	

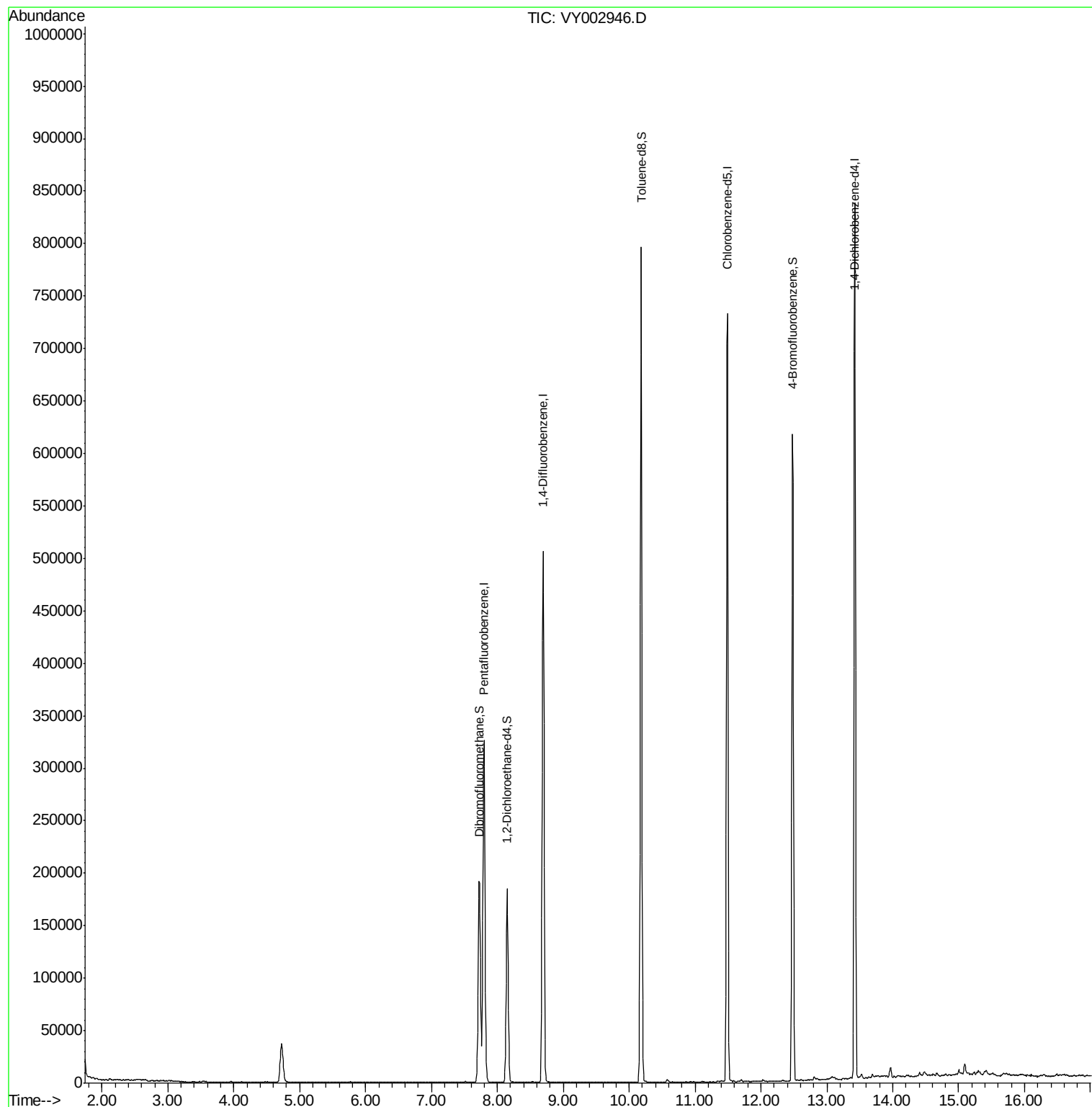
Target Compounds	Qvalue

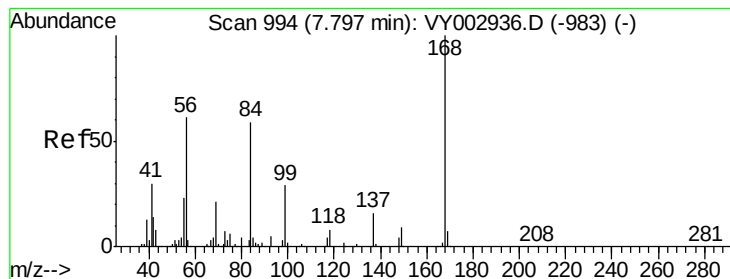
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
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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: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

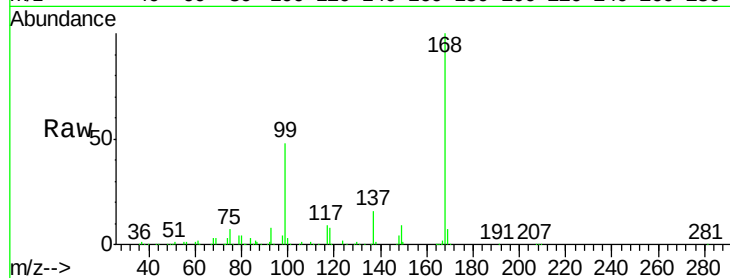
ISS-A-G1

Tot Ion:168 Resp: 275932

Ion Ratio Lower Upper

168 100

99 47.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002946.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002946.D (-945) (-)

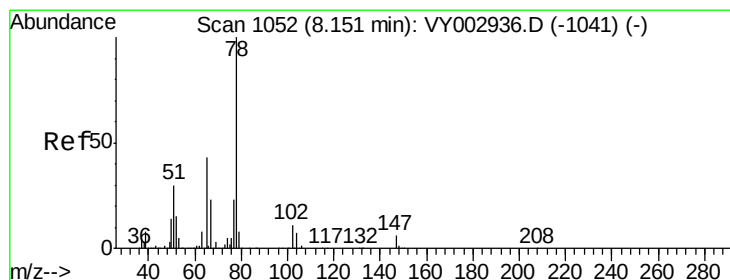
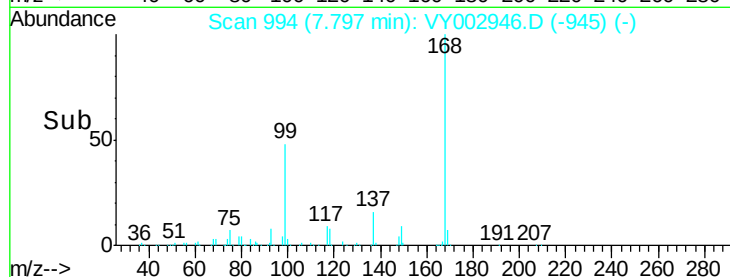
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.642 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002946.D

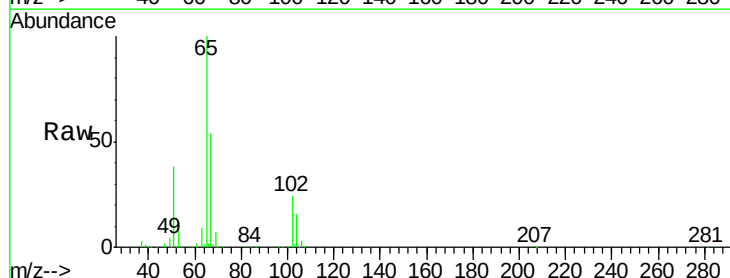
Acq: 19 Jun 2020 18:36

Tgt Ion: 65 Resp: 140491

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002946.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002946.D (-1003) (-)

8.15

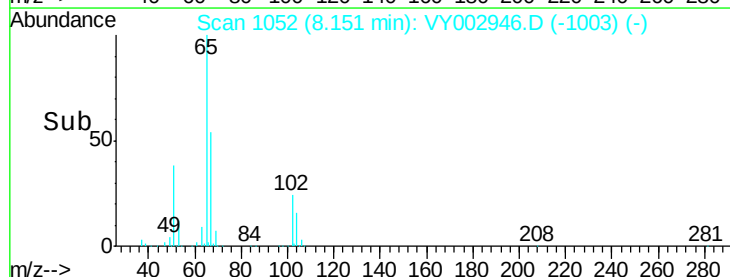
60000

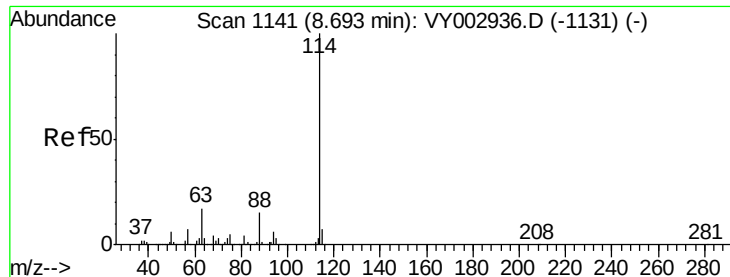
40000

20000

0

Time-->

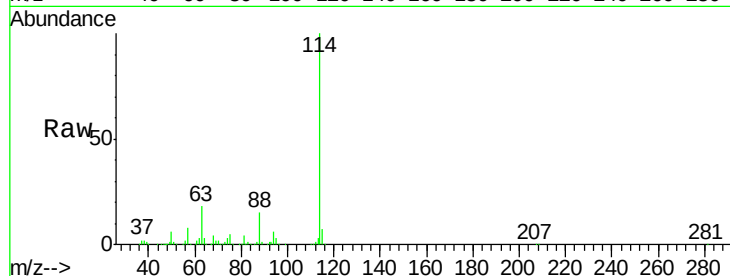




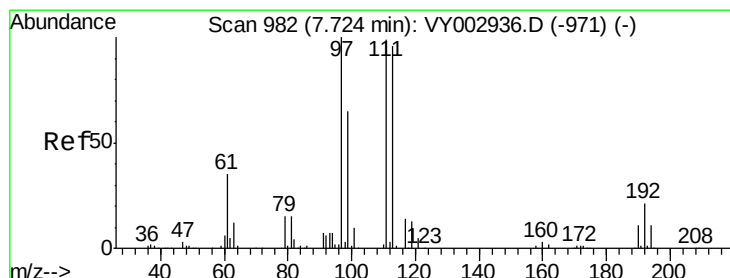
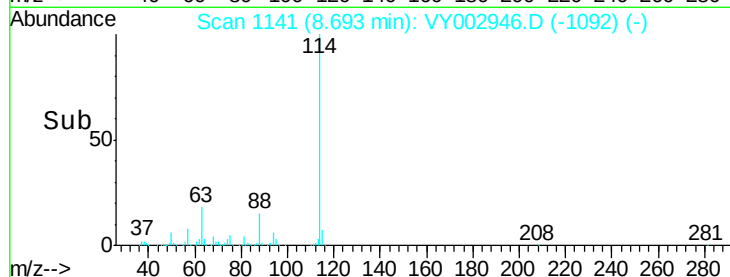
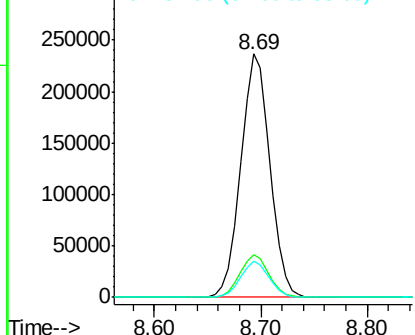
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002946.D
Acq: 19 Jun 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

Tot Ion:114 Resp: 454257
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.6
88 14.7 0.0 29.2

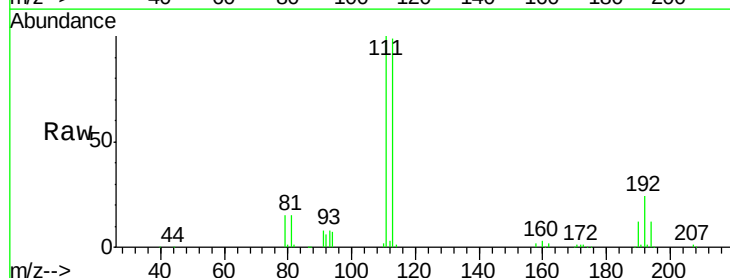


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

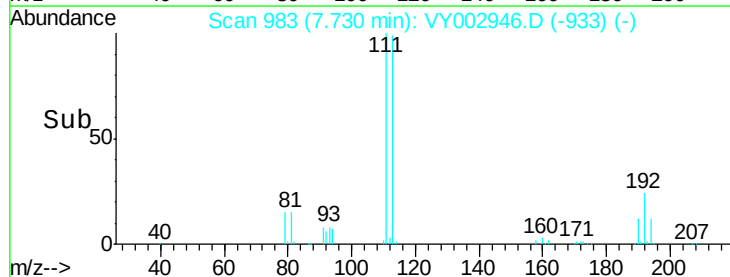
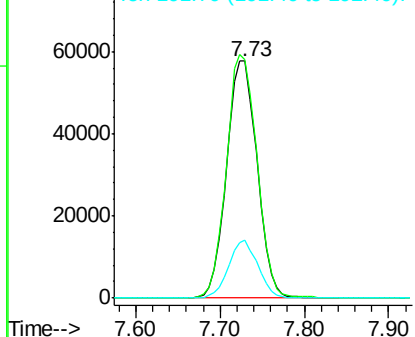


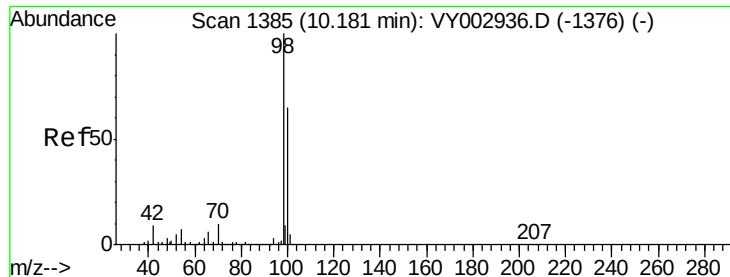
#35
Dibromofluoromethane
Concen: 55.228 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY002946.D
Acq: 19 Jun 2020 18:36

Tgt Ion:113 Resp: 141952
Ion Ratio Lower Upper
113 100
111 102.6 81.5 122.3
192 23.2 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: 52.922 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

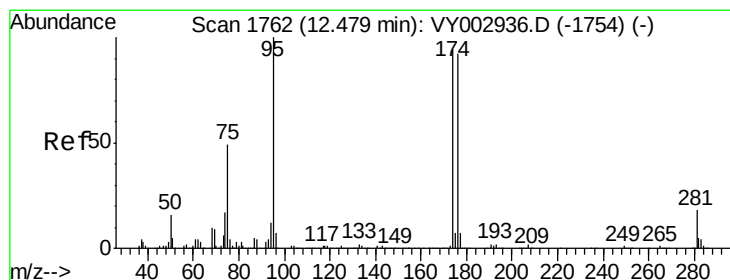
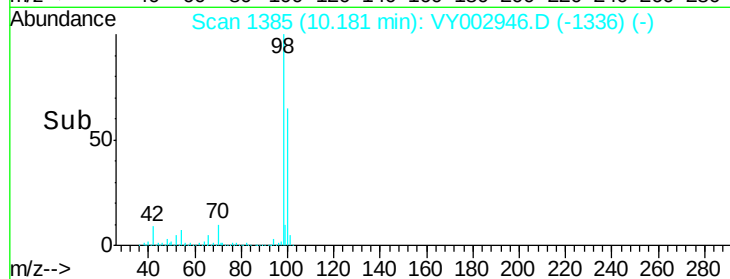
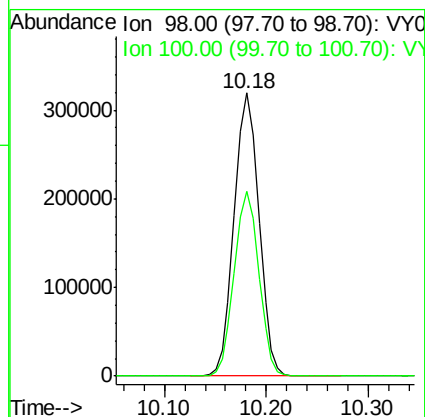
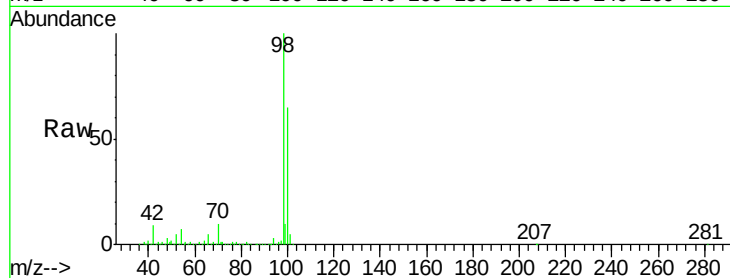
ISS-A-G1

Tot Ion: 98 Resp: 536340

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.594 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002946.D

Acq: 19 Jun 2020 18:36

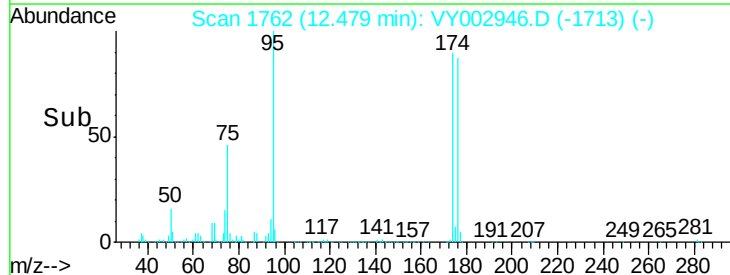
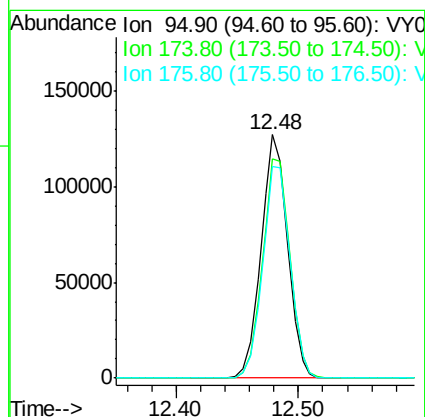
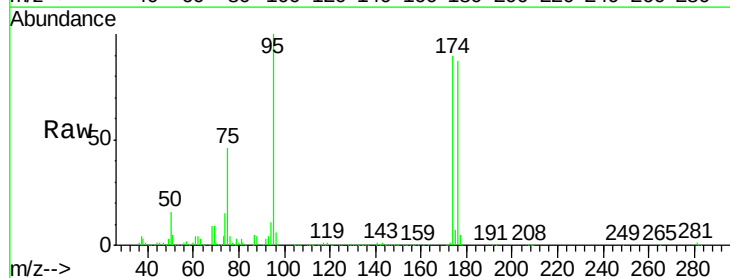
Tgt Ion: 95 Resp: 191921

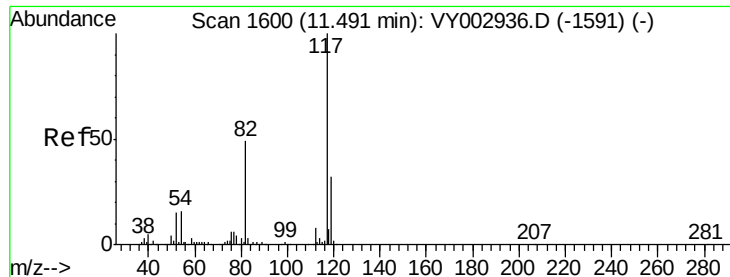
Ion Ratio Lower Upper

95 100

174 93.4 0.0 191.2

176 90.4 0.0 186.0

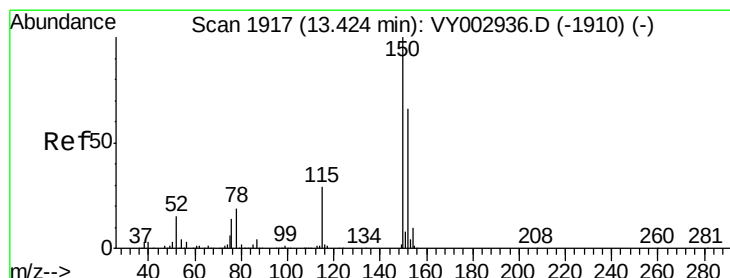
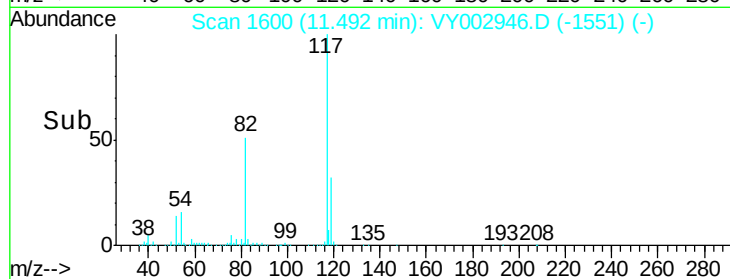
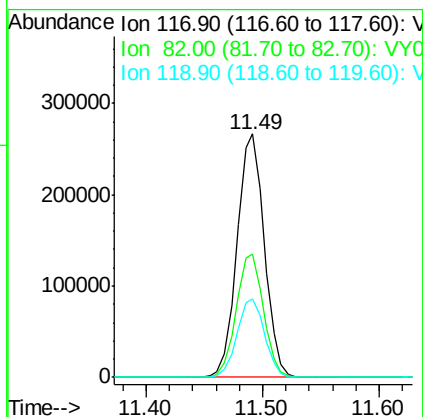
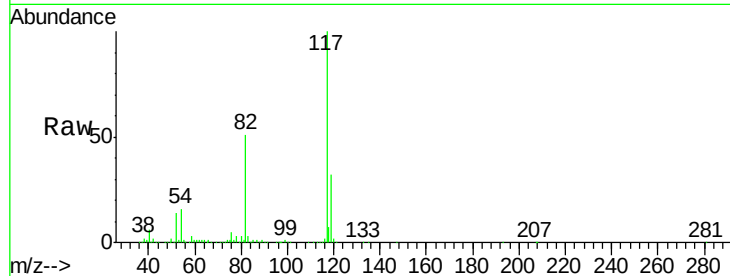




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002946.D
Acq: 19 Jun 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

Tot Ion:117 Resp: 433940
Ion Ratio Lower Upper
117 100
82 50.6 39.4 59.0
119 32.3 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: VY002946.D
Acq: 19 Jun 2020 18:36

Tgt Ion:152 Resp: 223046
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.6
150 158.1 0.0 341.8

