

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002949.D
 Acq On : 19 Jun 2020 19:47
 Operator : SY/MD
 Sample : L3046-04
 Misc : 10.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G1

Quant Time: Jun 20 05:04:12 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	285519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	468127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	438102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139851	59.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.60%	
35) Dibromofluoromethane	7.72	113	147055	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	10.18	98	547122	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.48	95	189869	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

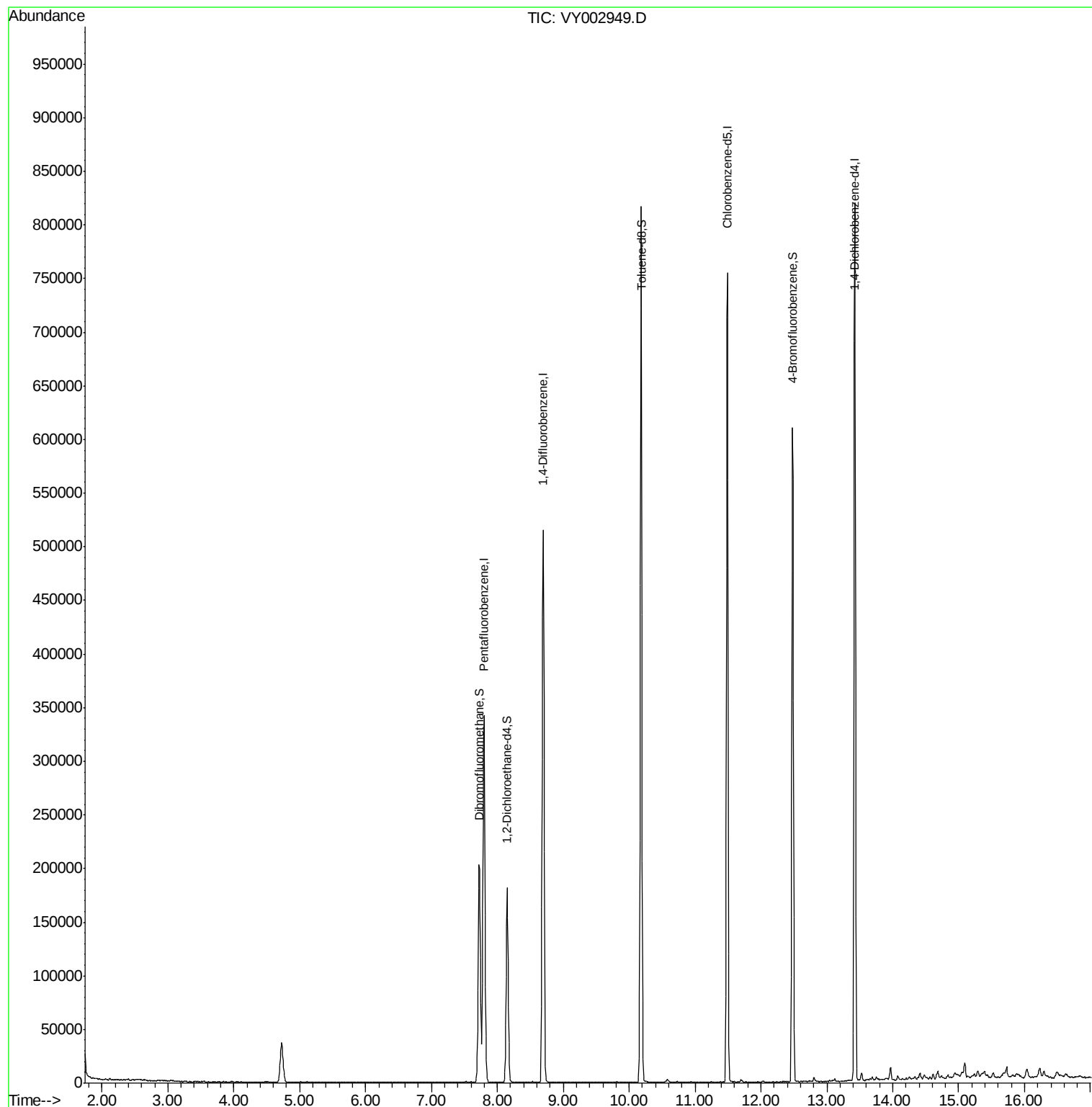
Target Compounds	Qvalue

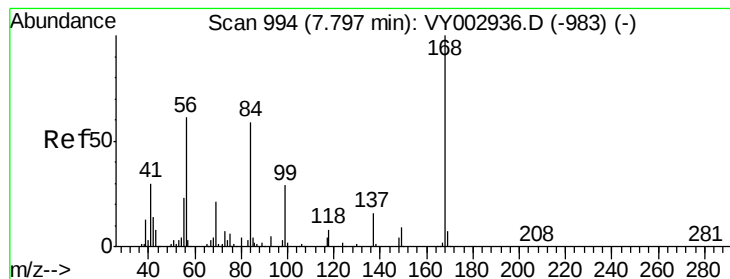
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002949.D

Acq: 19 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

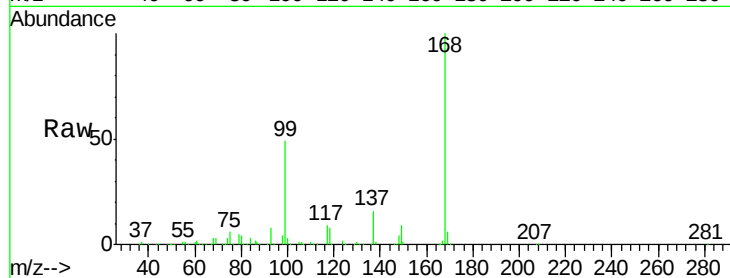
ISS-B-G1

Tot Ion:168 Resp: 285519

Ion Ratio Lower Upper

168 100

99 49.2 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002949.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002949.D (-945) (-)

7.80

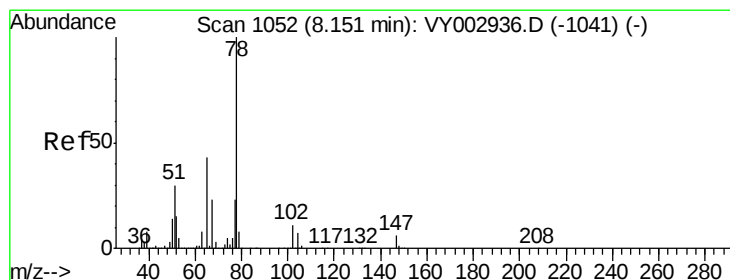
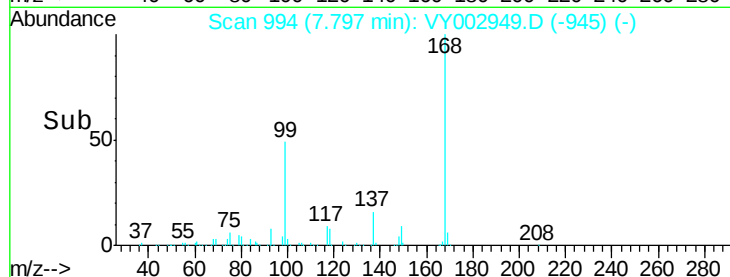
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.301 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002949.D

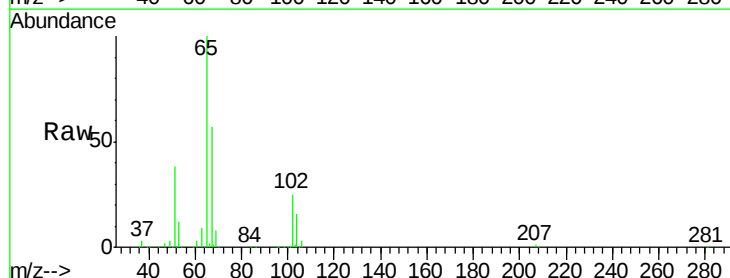
Acq: 19 Jun 2020 19:47

Tgt Ion: 65 Resp: 139851

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002949.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002949.D (-1003) (-)

8.15

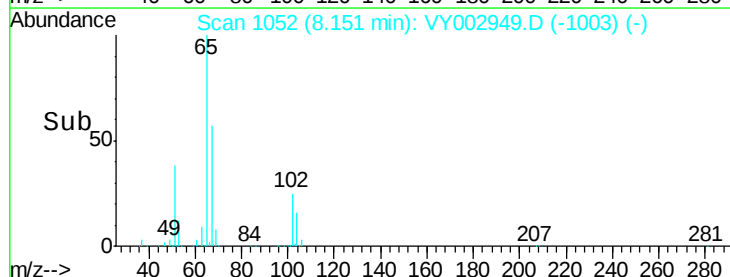
60000

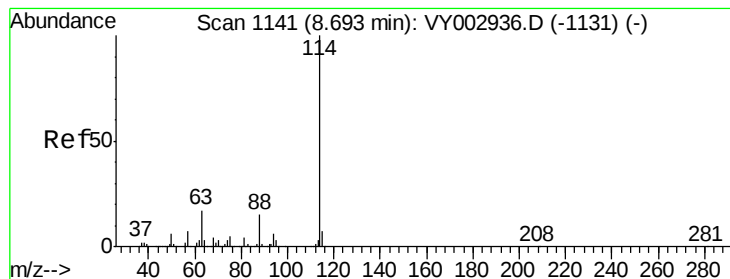
40000

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: VY002949.D

Acq: 19 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G1

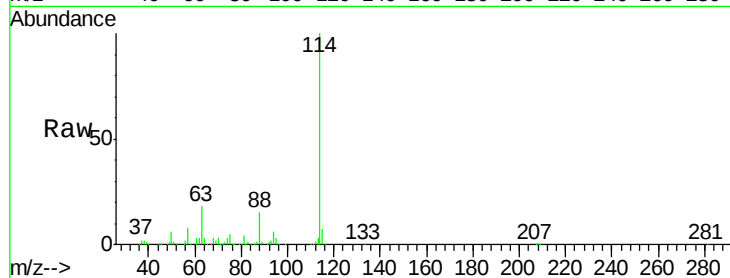
Tot Ion:114 Resp: 468127

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.6

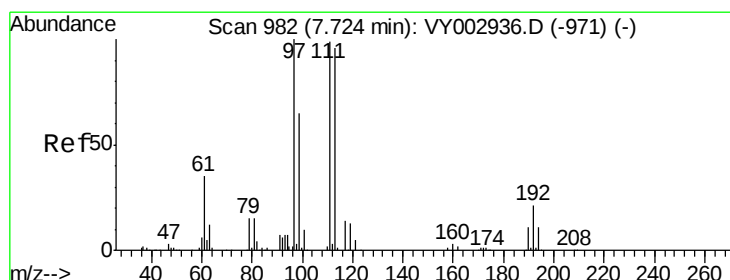
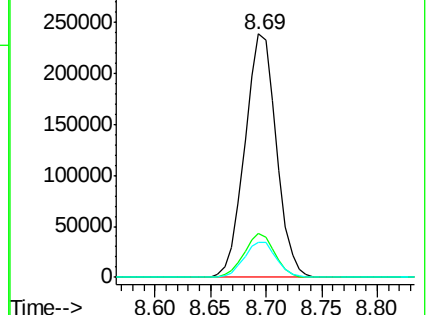
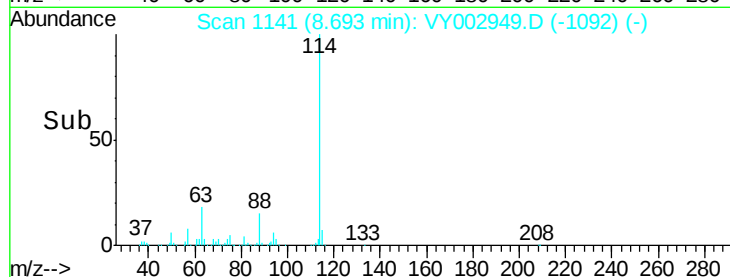
88 14.6 0.0 29.2



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: 55.518 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002949.D

Acq: 19 Jun 2020 19:47

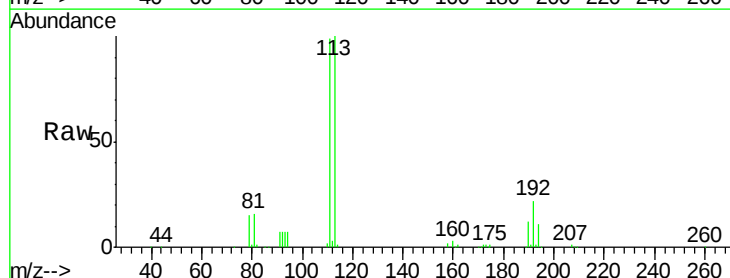
Tgt Ion:113 Resp: 147055

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

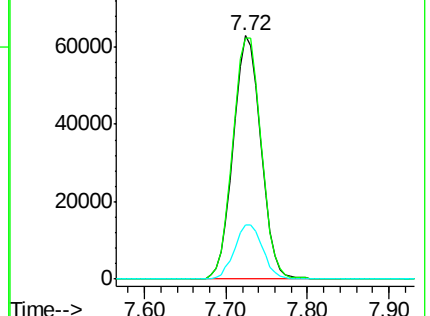
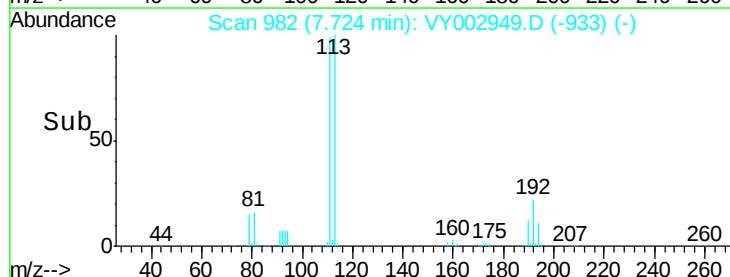
192 22.7 19.2 28.8

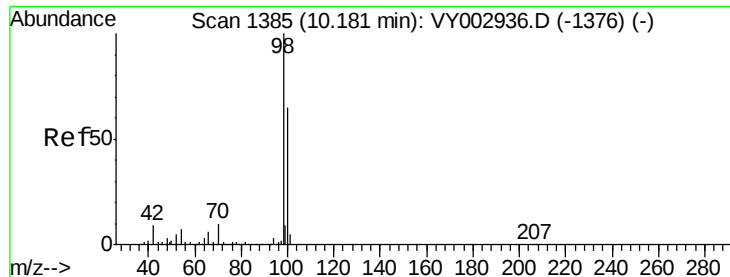


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.387 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002949.D

Acq: 19 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

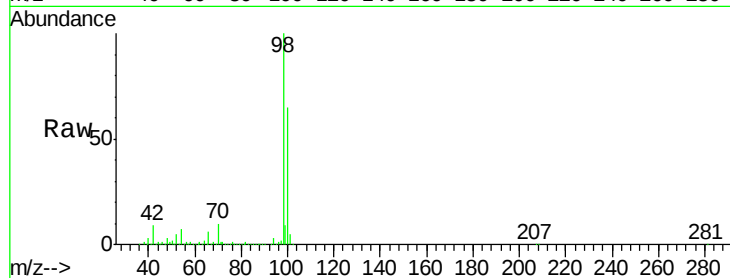
ISS-B-G1

Tot Ion: 98 Resp: 547122

Ion Ratio Lower Upper

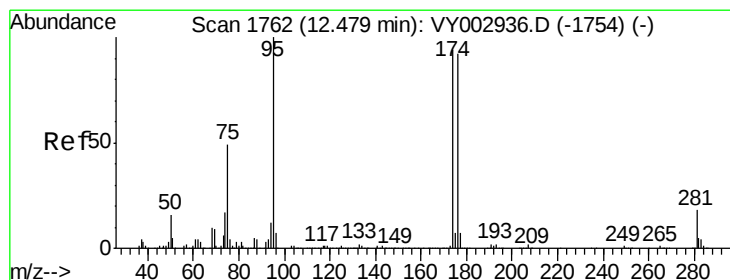
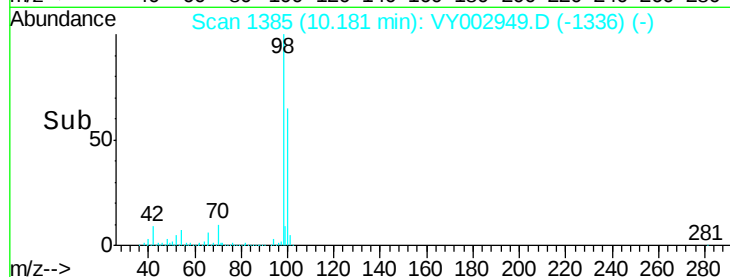
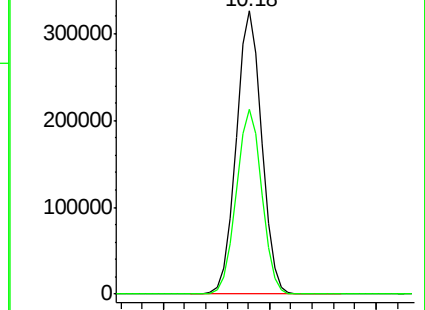
98 100

100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY002936.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002936.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 52.410 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002949.D

Acq: 19 Jun 2020 19:47

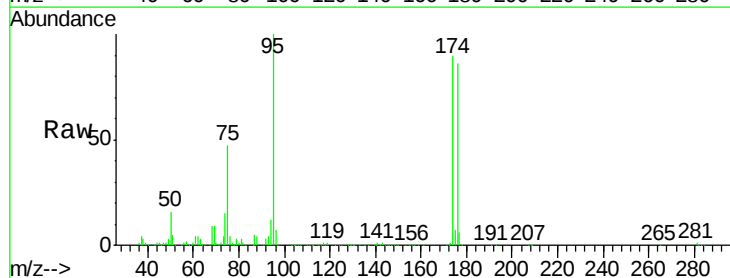
Tgt Ion: 95 Resp: 189869

Ion Ratio Lower Upper

95 100

174 94.7 0.0 191.2

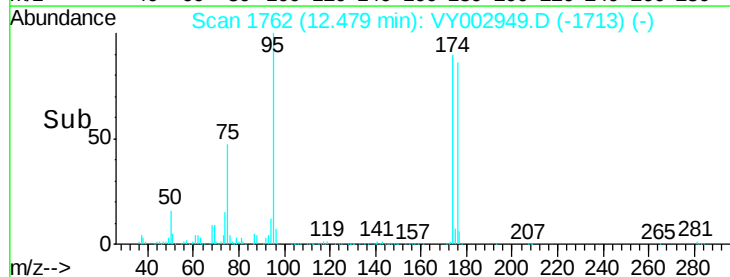
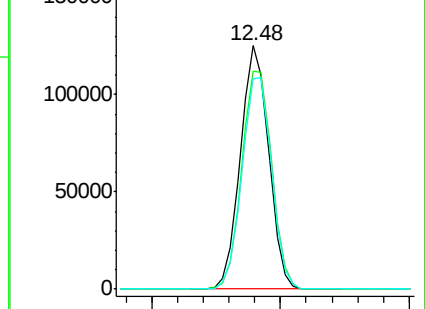
176 90.6 0.0 186.0

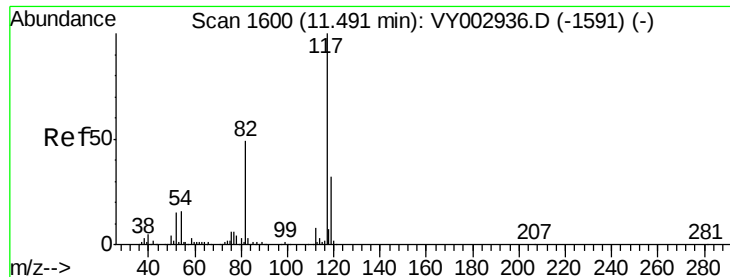


Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)

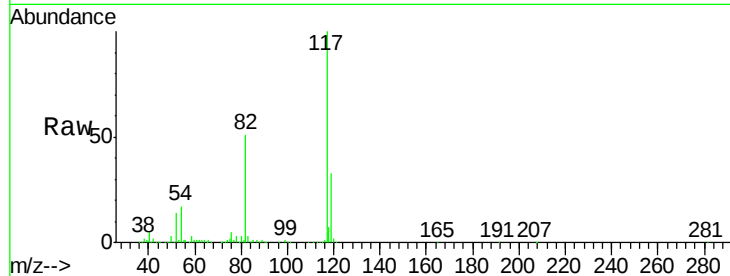




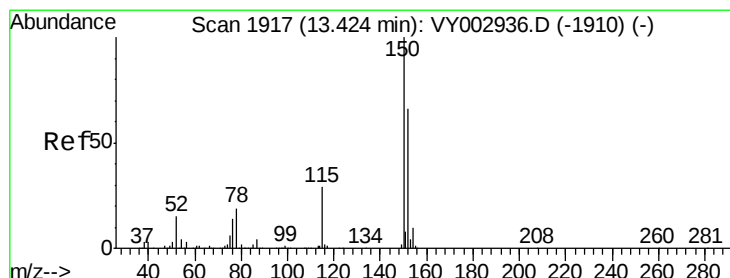
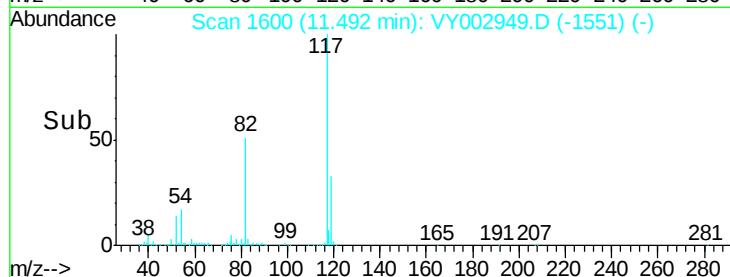
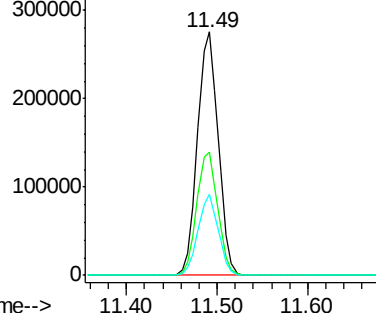
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002949.D
Acq: 19 Jun 2020 19:47

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G1

Tot Ion:117 Resp: 438102
Ion Ratio Lower Upper
117 100
82 50.6 39.4 59.0
119 33.0 25.4 38.0

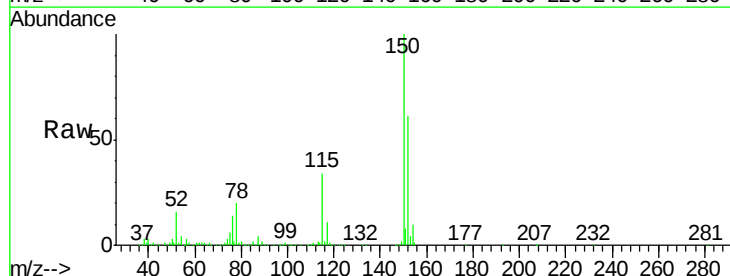


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002949.D
Acq: 19 Jun 2020 19:47

Tgt Ion:152 Resp: 221630
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.6
150 157.3 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

