

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002951.D
 Acq On : 19 Jun 2020 20:35
 Operator : SY/MD
 Sample : L3046-06
 Misc : 8.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G3

Quant Time: Jun 20 05:07:58 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	286891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	477415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145612	61.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.90%	
35) Dibromofluoromethane	7.72	113	150089	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
50) Toluene-d8	10.18	98	557580	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.48	95	198188	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

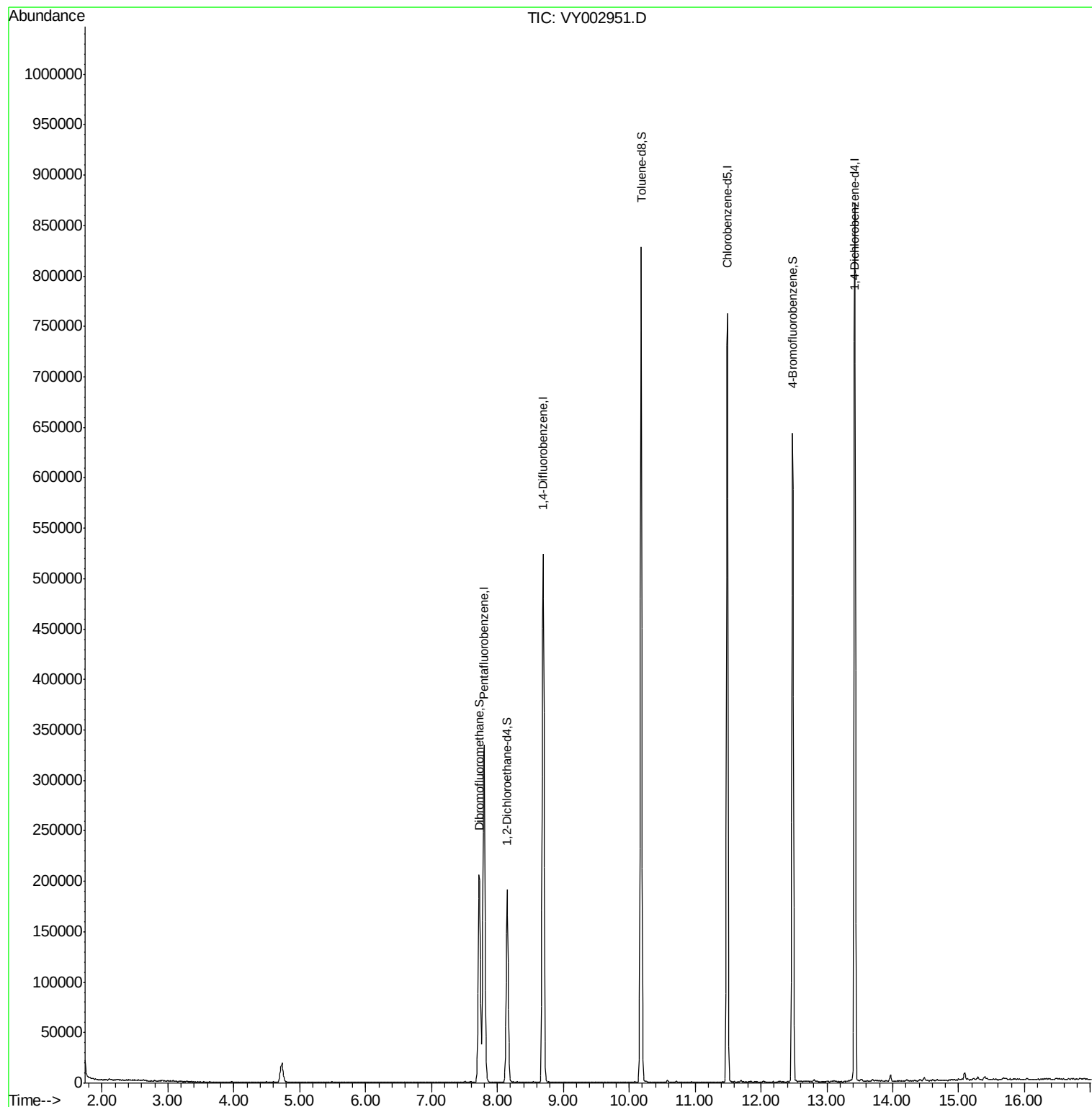
Target Compounds	Qvalue

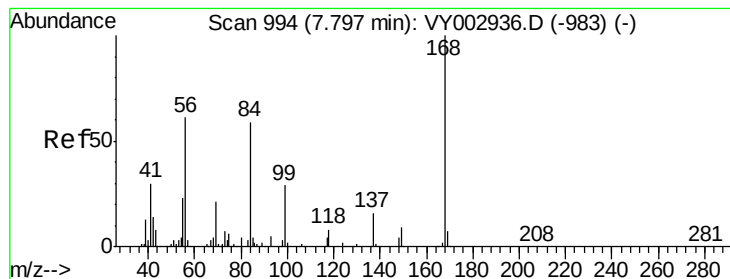
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002951.D

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Instrument :

MSVOA_Y

ClientSampleId :

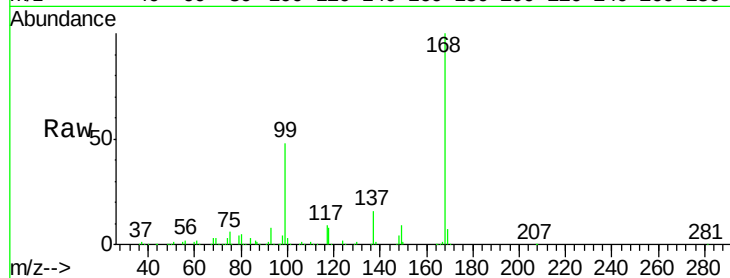
ISS-B-G3

Tot Ion:168 Resp: 286891

Ion Ratio Lower Upper

168 100

99 47.8 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

150000

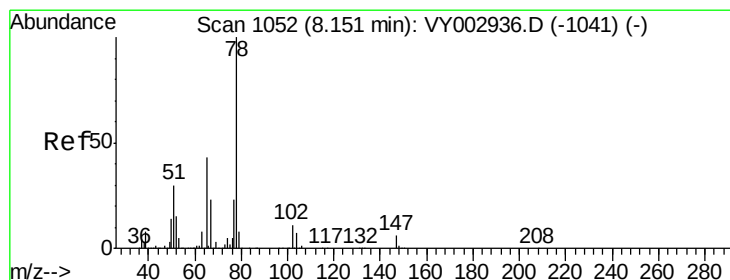
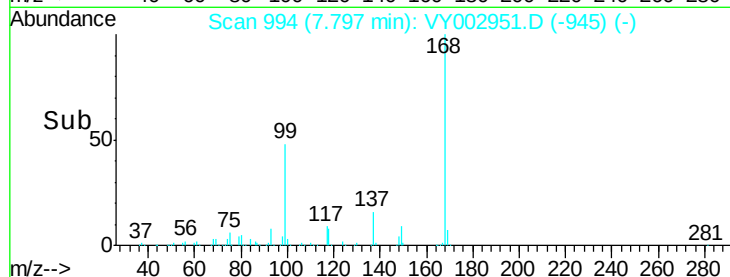
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.448 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002951.D

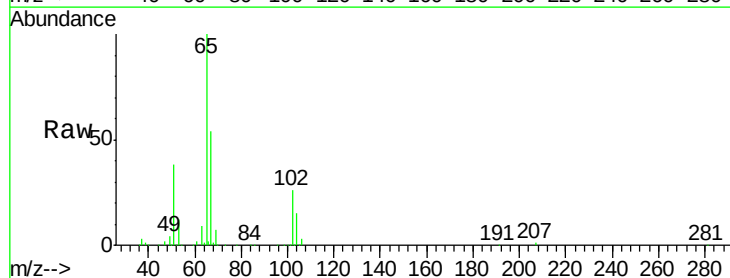
Acq: 19 Jun 2020 20:35

Tgt Ion: 65 Resp: 145612

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002936.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002936.D (-1041) (-)

8.15

80000

60000

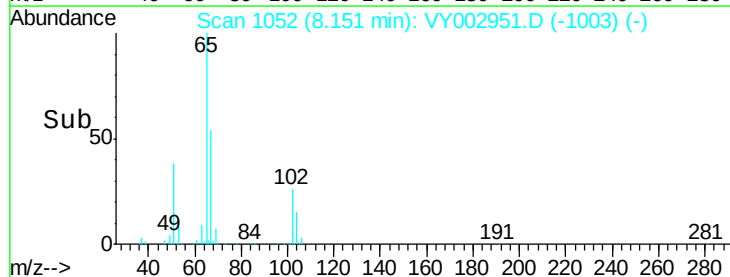
40000

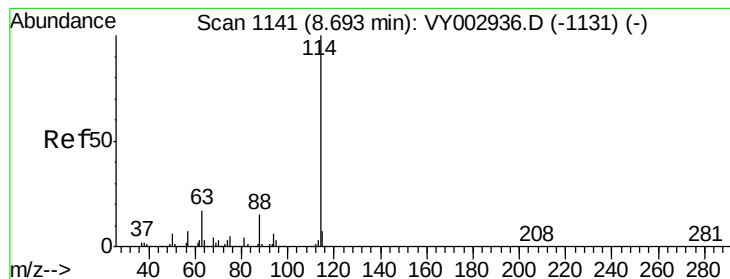
20000

0

8.00 8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G3

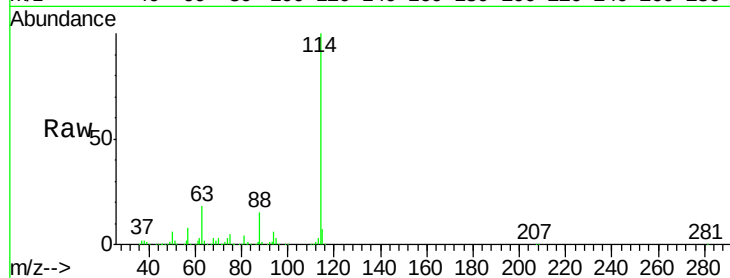
Tot Ion:114 Resp: 477415

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.6

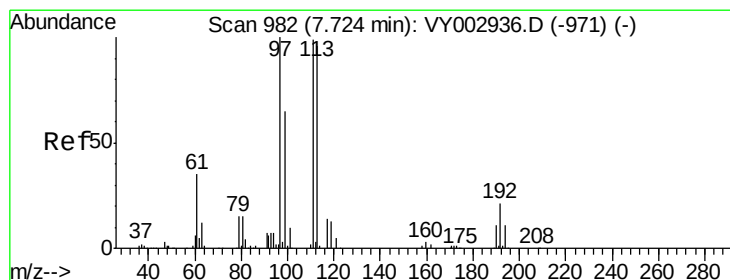
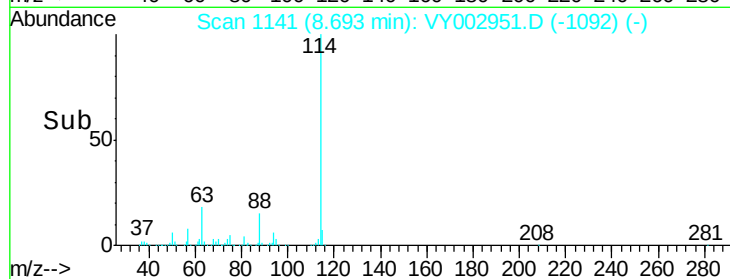
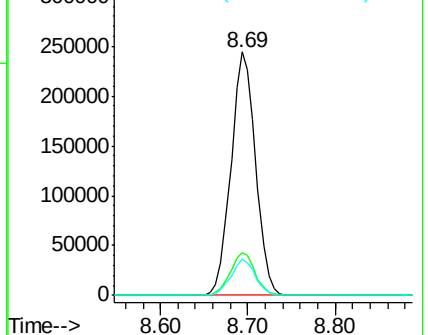
88 14.7 0.0 29.2



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: 55.561 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

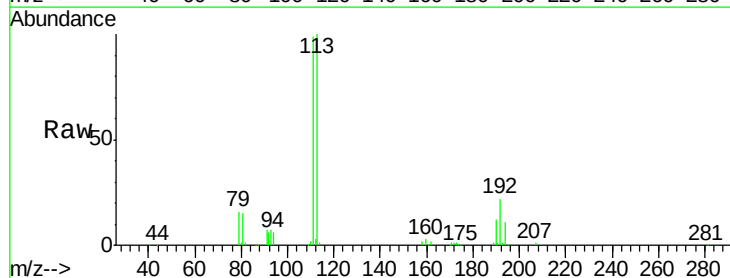
Tgt Ion:113 Resp: 150089

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

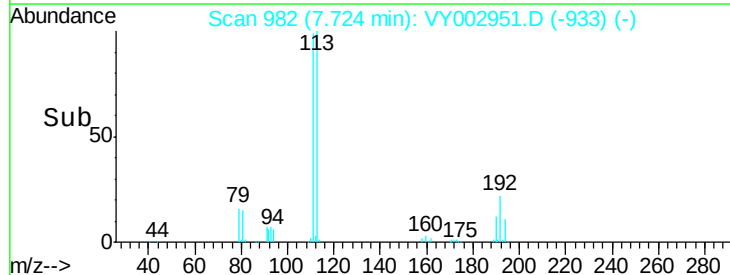
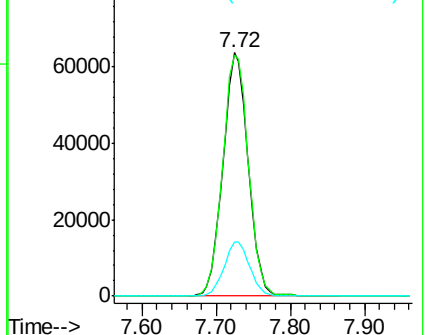
192 22.7 19.2 28.8

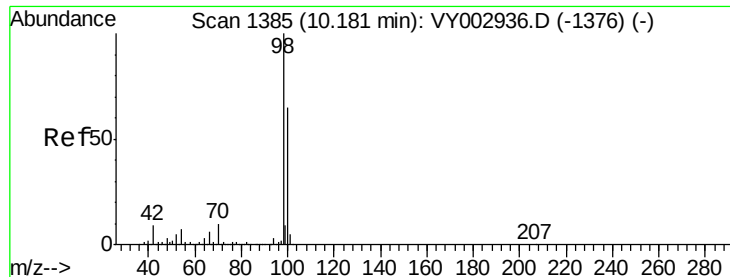


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

Instrument :

MSVOA_Y

ClientSampleId :

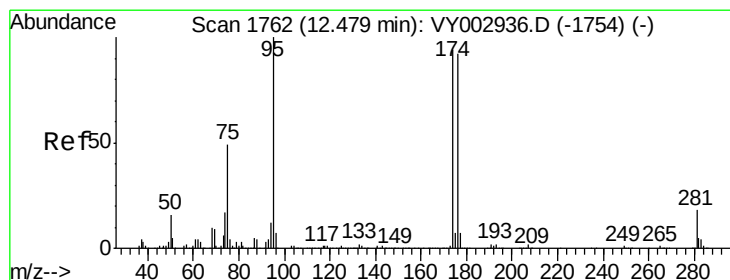
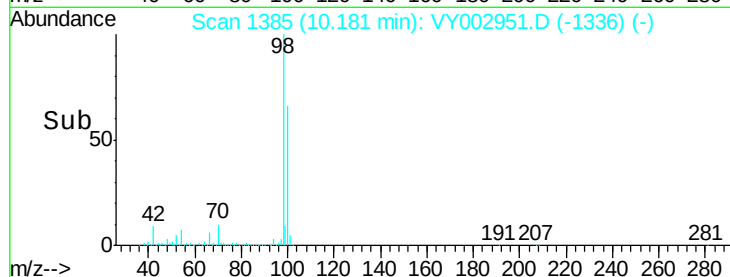
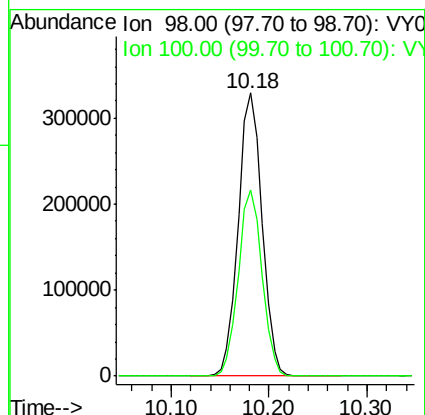
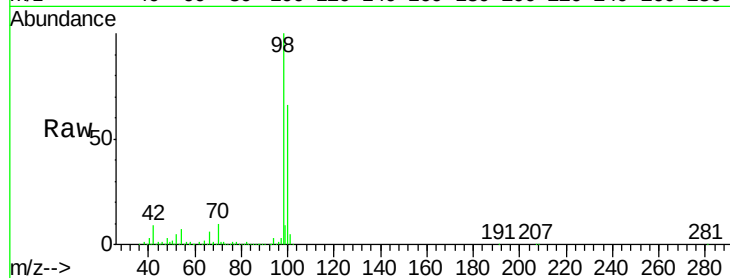
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Tot Ion: 98 Resp: 557580

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.642 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002951.D

Acq: 19 Jun 2020 20:35

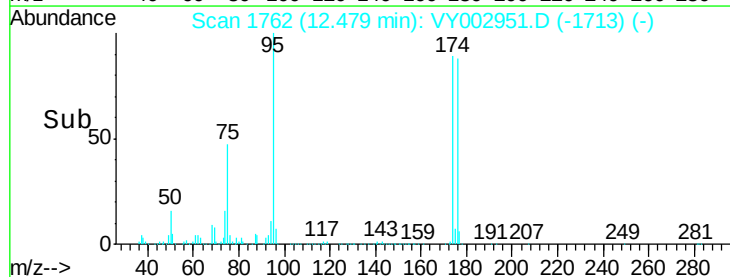
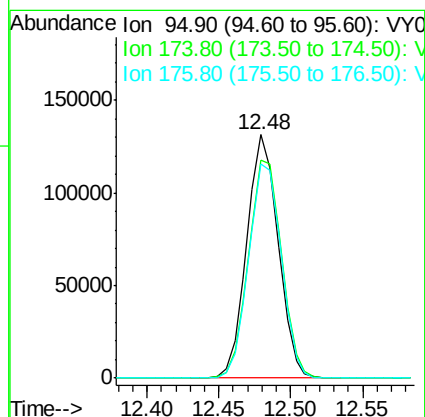
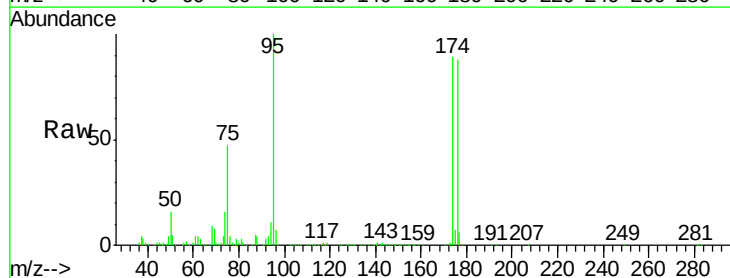
Tgt Ion: 95 Resp: 198188

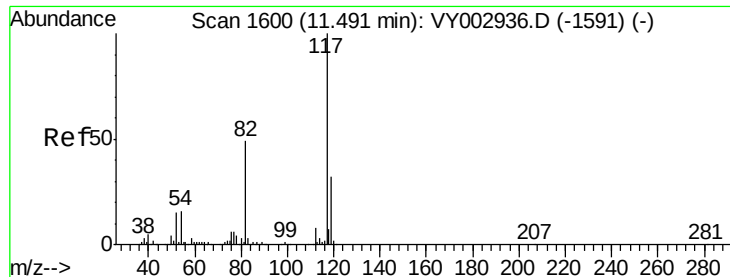
Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.2

176 91.4 0.0 186.0

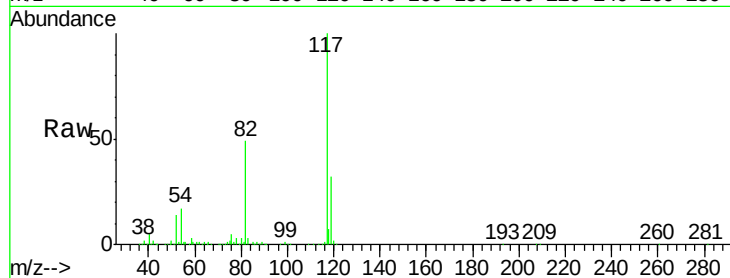




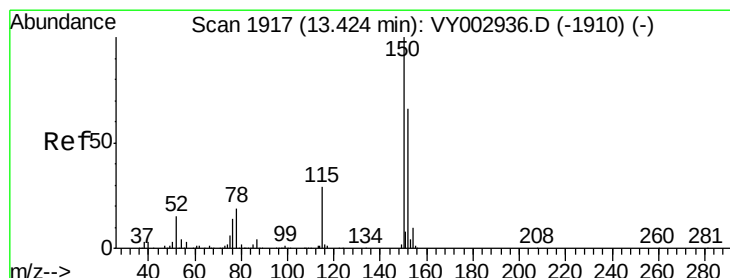
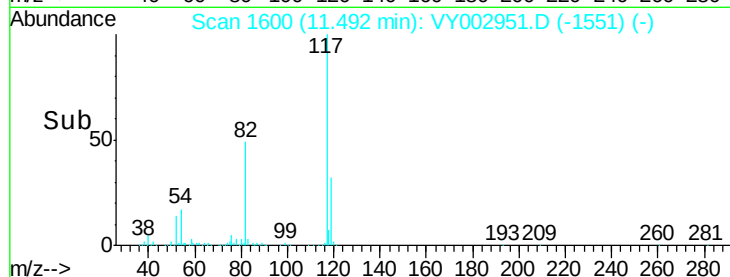
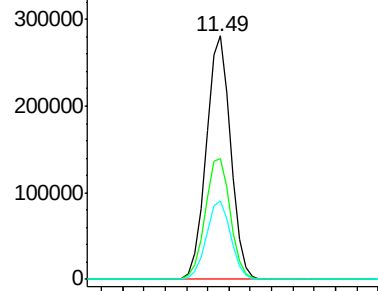
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G3

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.0
119	32.2	25.4	38.0

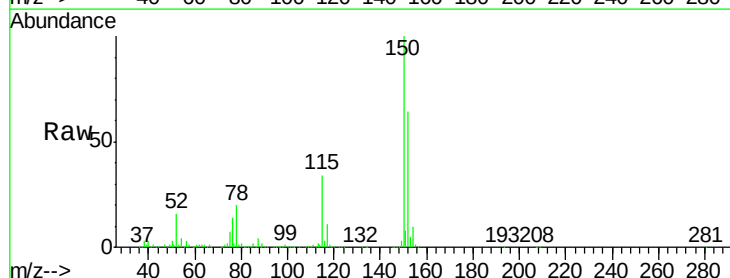


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002951.D
Acq: 19 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.9	80.6
150	155.4	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

