

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002947.D
 Acq On : 19 Jun 2020 19:00
 Operator : SY/MD
 Sample : L3046-02
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G2

Quant Time: Jun 20 05:00:05 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	276816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	461650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219123	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135475	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	
35) Dibromofluoromethane	7.72	113	142888	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.18	98	541509	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	189853	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

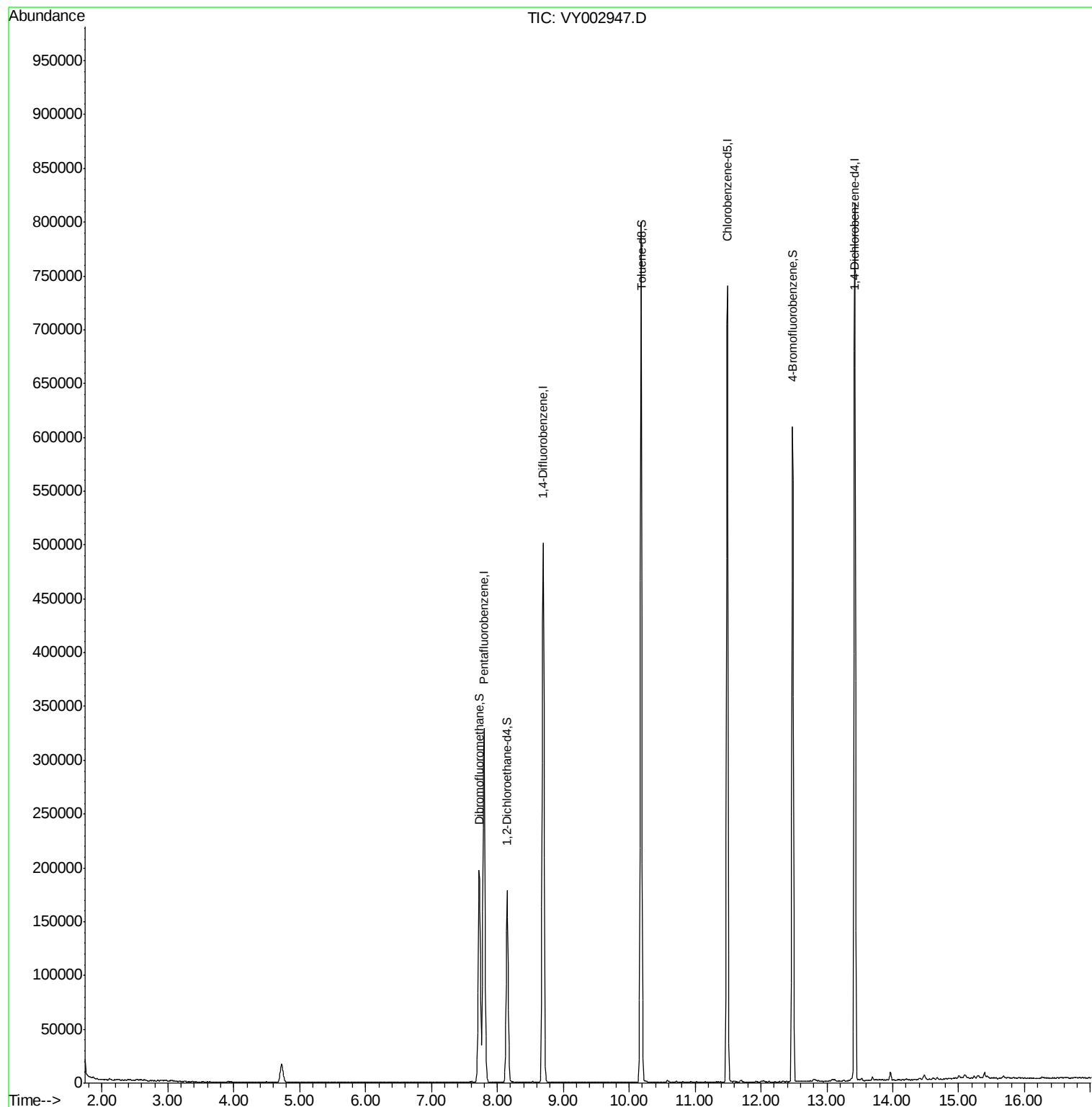
Target Compounds	Qvalue

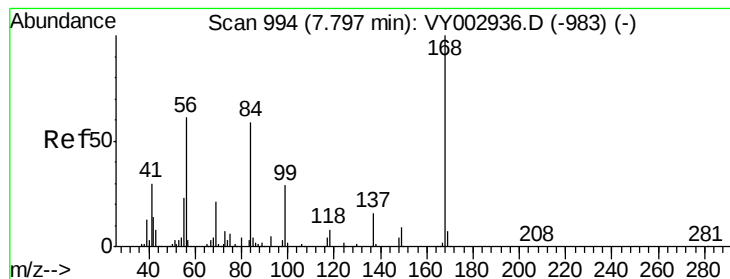
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

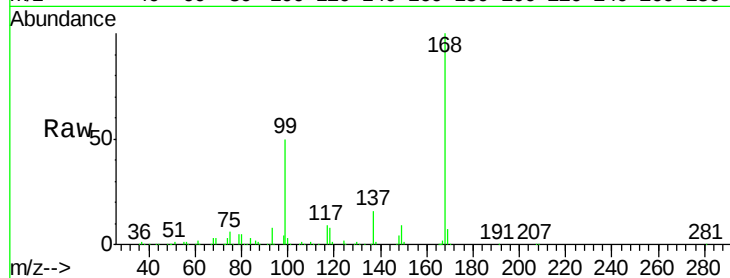
ISS-A-G2

Tot Ion:168 Resp: 276816

Ion Ratio Lower Upper

168 100

99 50.3 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002947.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002947.D (-945) (-)

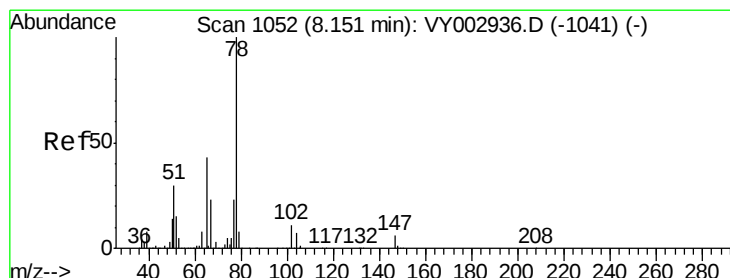
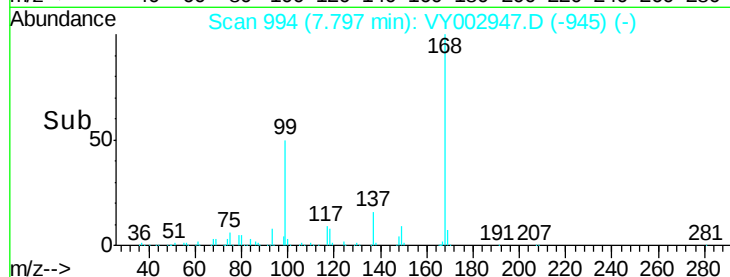
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.251 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002947.D

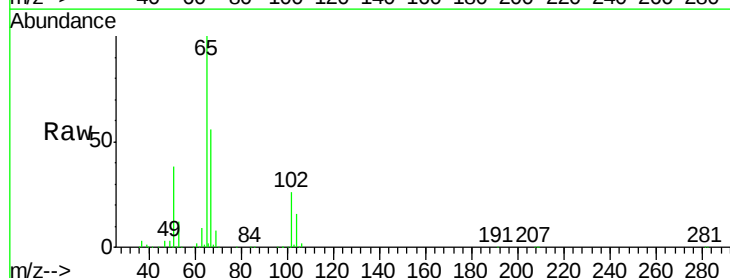
Acq: 19 Jun 2020 19:00

Tgt Ion: 65 Resp: 135475

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002947.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002947.D (-1003) (-)

8.15

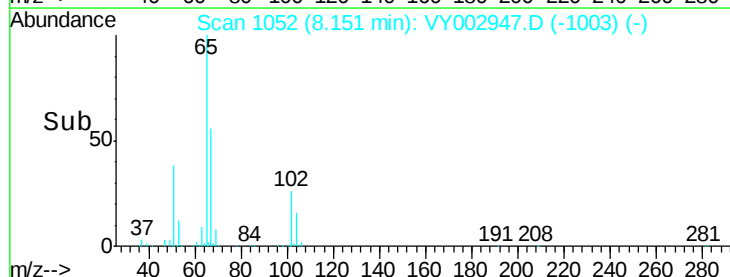
60000

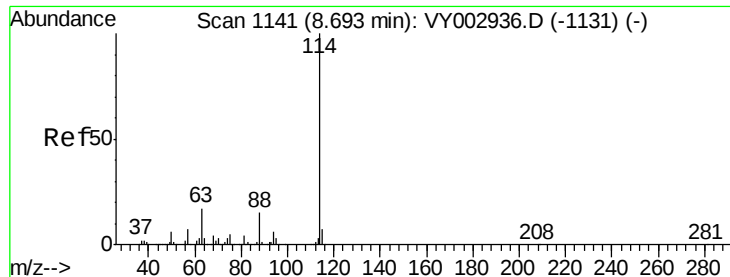
40000

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: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G2

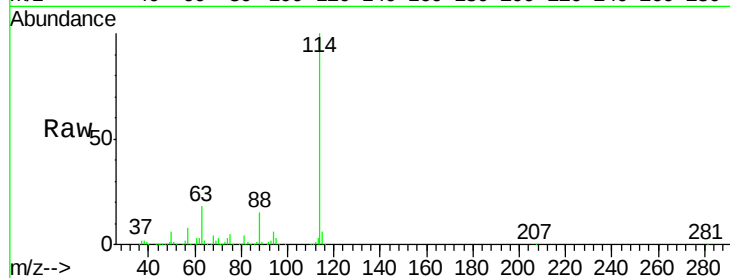
Tot Ion:114 Resp: 461650

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.6

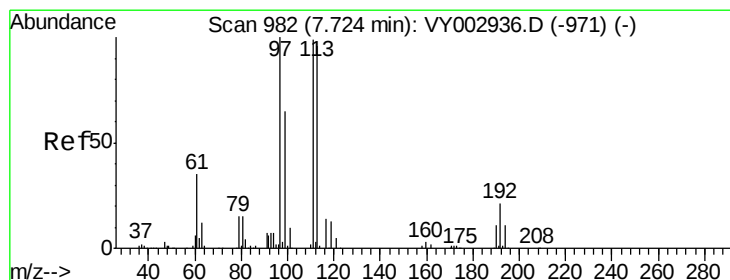
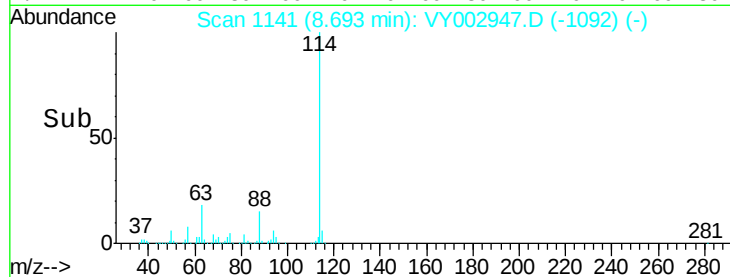
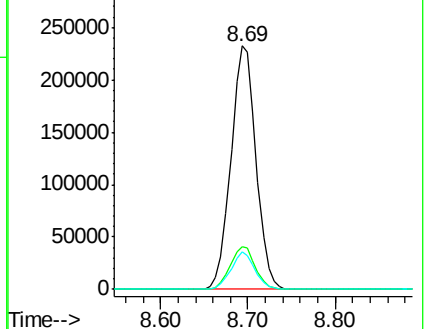
88 15.3 0.0 29.2



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: 54.702 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

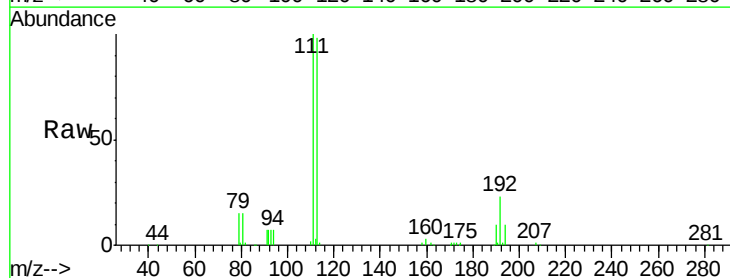
Tgt Ion:113 Resp: 142888

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

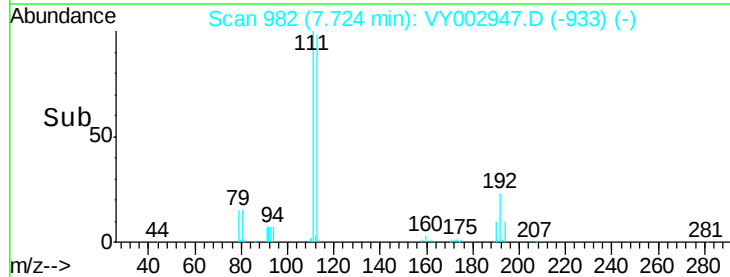
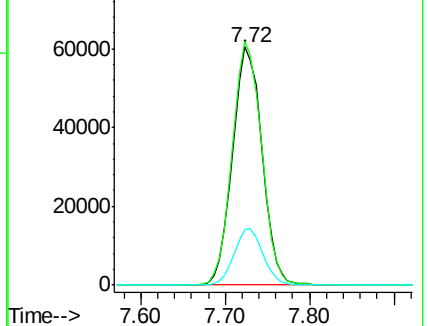
192 23.2 19.2 28.8

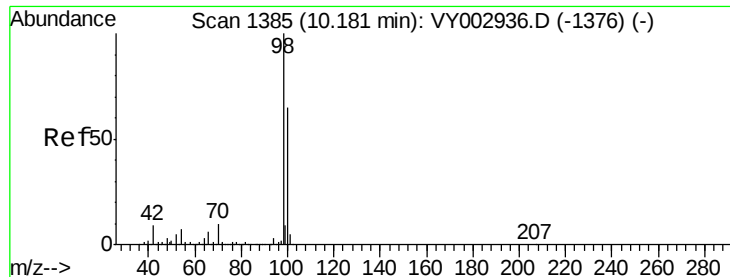


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.577 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

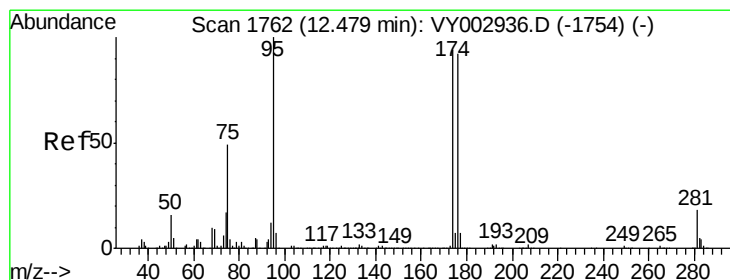
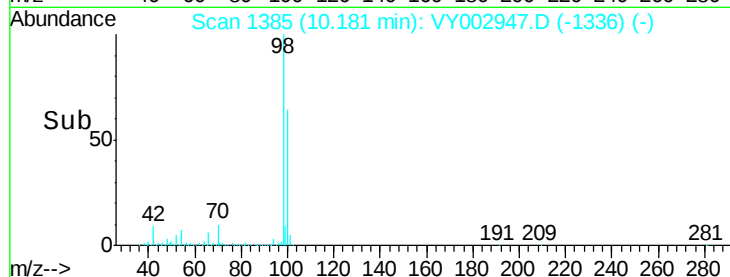
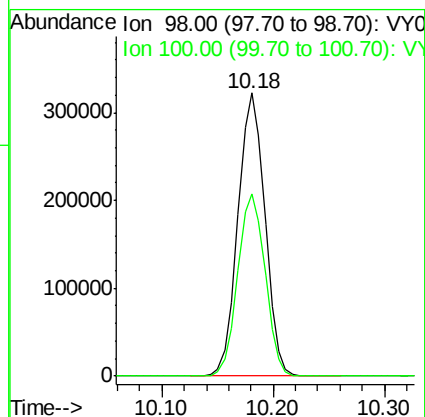
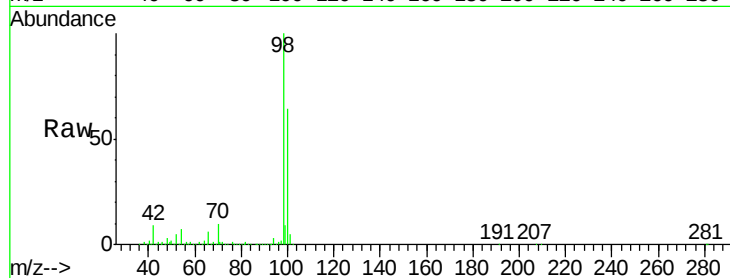
ISS-A-G2

Tot Ion: 98 Resp: 541509

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.141 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002947.D

Acq: 19 Jun 2020 19:00

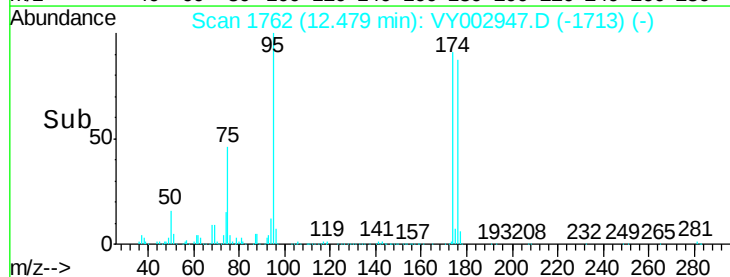
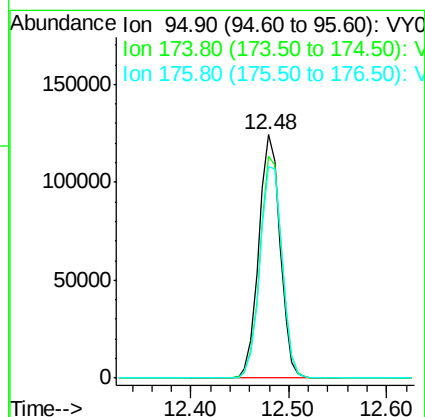
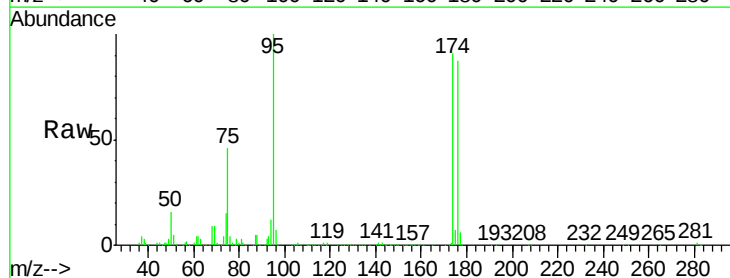
Tgt Ion: 95 Resp: 189853

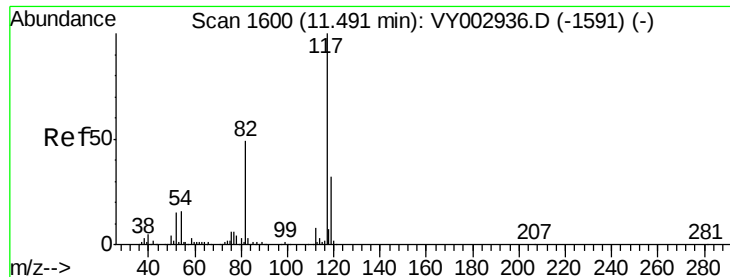
Ion Ratio Lower Upper

95 100

174 92.7 0.0 191.2

176 90.7 0.0 186.0

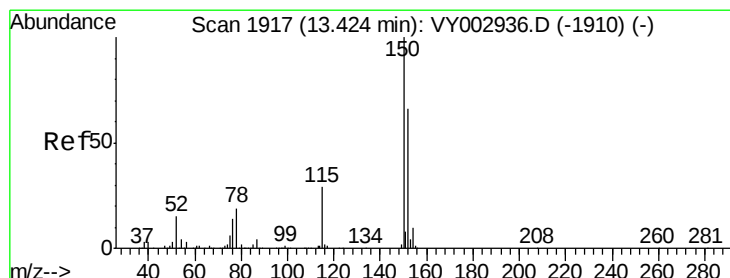
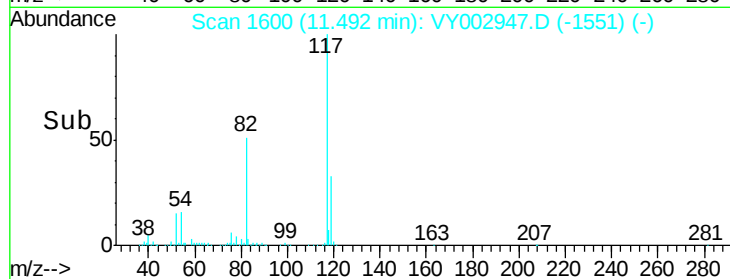
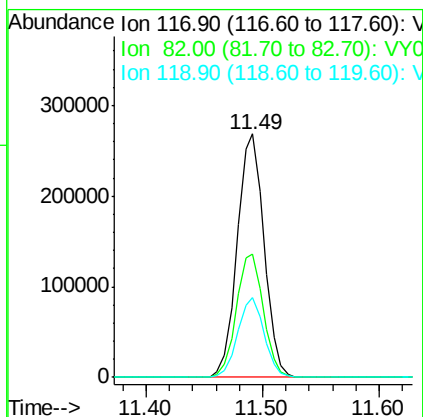
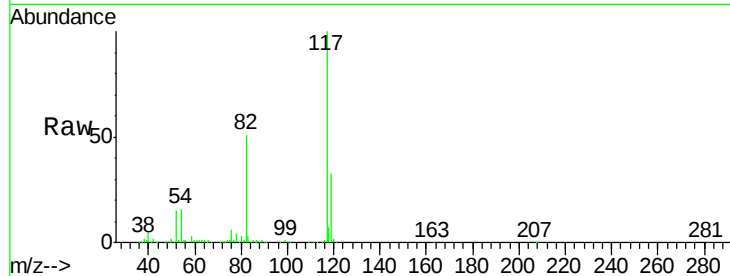




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002947.D
Acq: 19 Jun 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G2

Tot Ion:117 Resp: 431990
Ion Ratio Lower Upper
117 100
82 50.9 39.4 59.0
119 32.7 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: VY002947.D
Acq: 19 Jun 2020 19:00

Tgt Ion:152 Resp: 219123
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.6
150 157.3 0.0 341.8

