

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003320.D
 Acq On : 23 Jul 2020 16:46
 Operator : SY/MD
 Sample : L3308-24
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24

Quant Time: Jul 24 06:12:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	479041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	736965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	682350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	336605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	236648	58.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.06%	
35) Dibromofluoromethane	7.72	113	231649	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.18	98	893341	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
62) 4-Bromofluorobenzene	12.48	95	294389	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

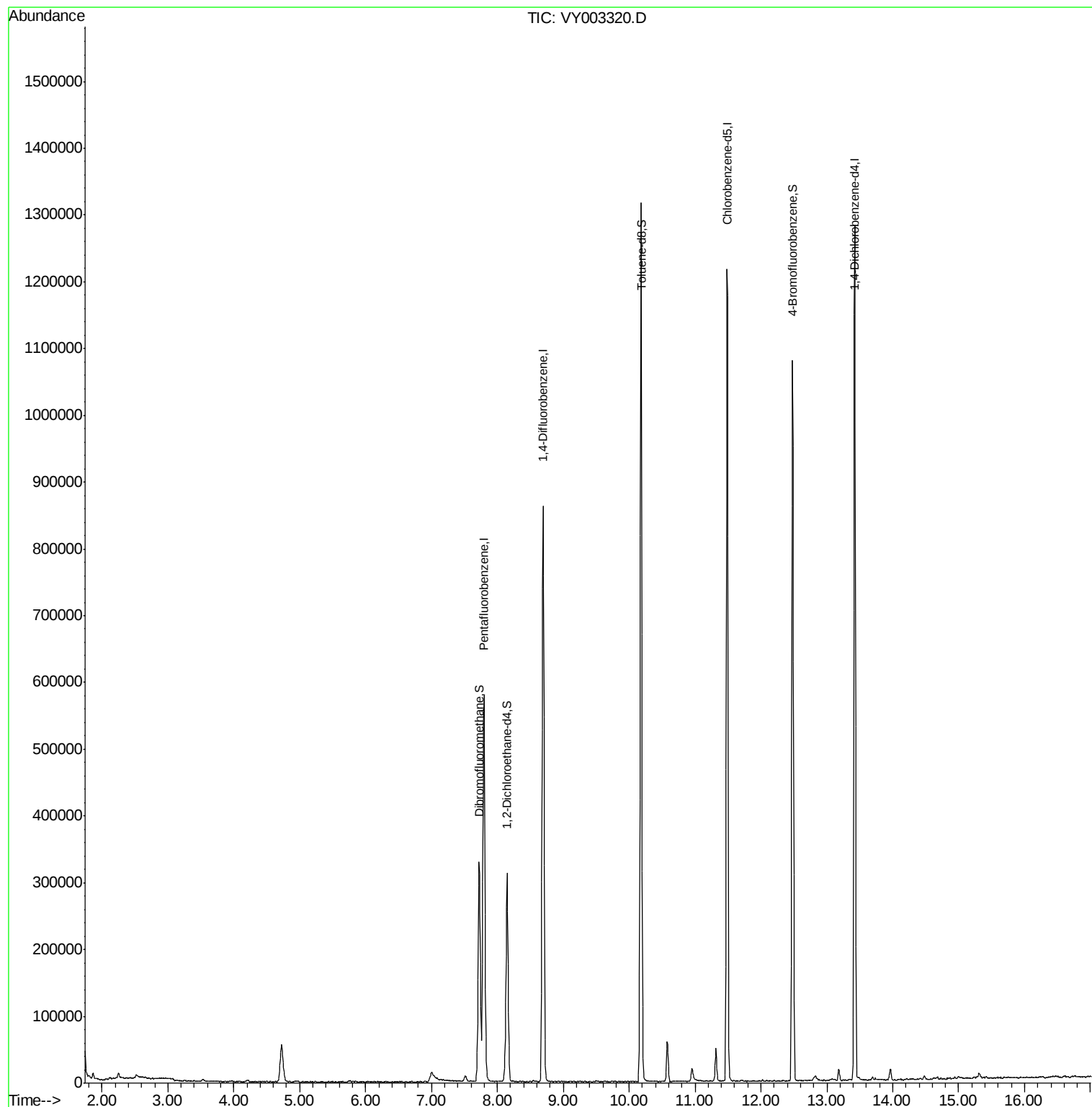
Target Compounds	Qvalue

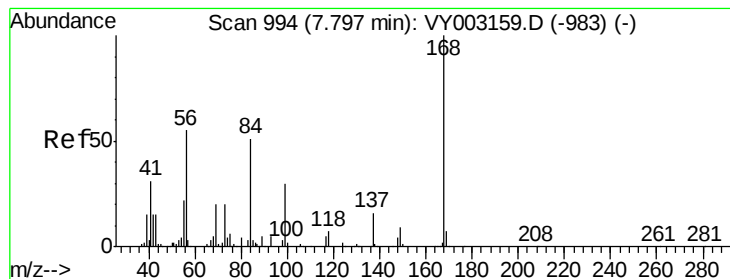
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

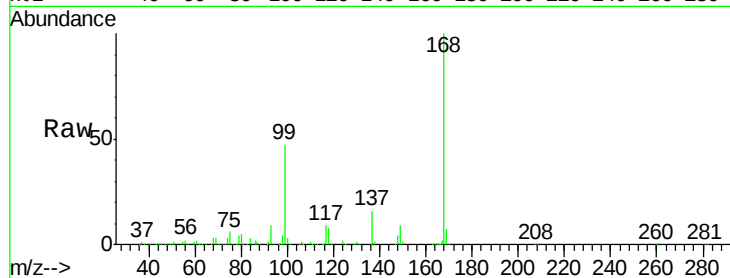
24

Tot Ion:168 Resp: 479041

Ion Ratio Lower Upper

168 100

99 47.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003320.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003320.D (-945) (-)

7.80

200000

150000

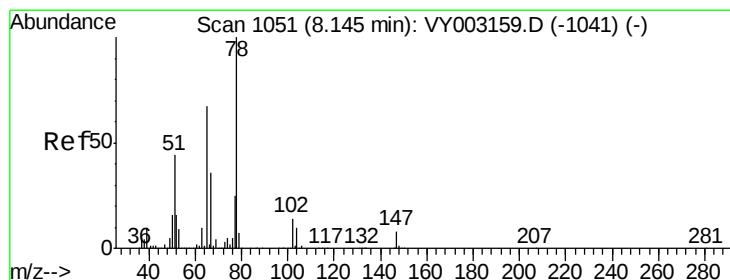
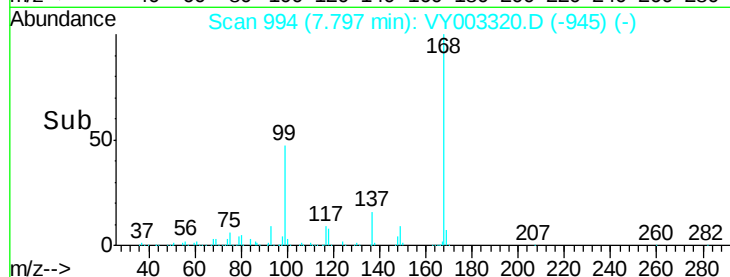
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.529 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003320.D

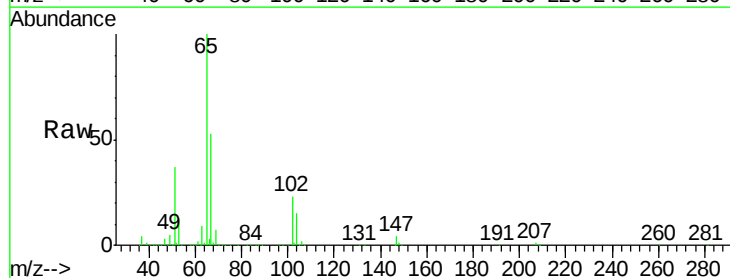
Acq: 23 Jul 2020 16:46

Tgt Ion: 65 Resp: 236648

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003320.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003320.D (-1002) (-)

8.14

120000

100000

80000

60000

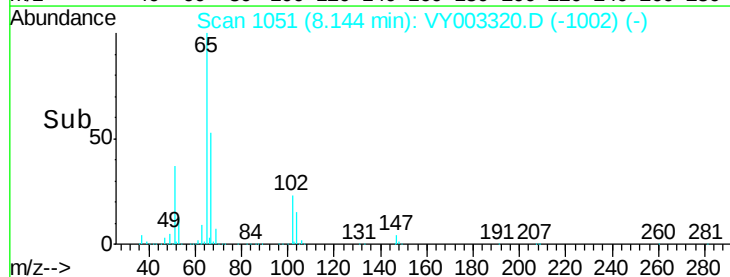
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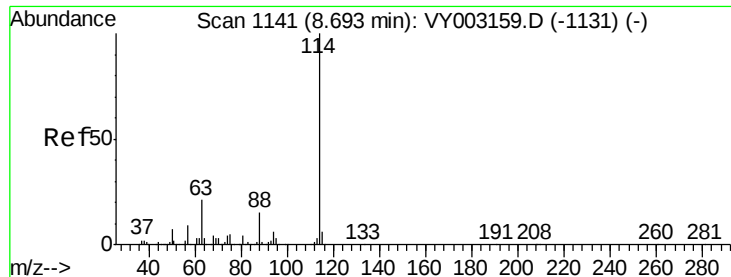
20000

0

8.00 8.10 8.20 8.30

Time-->

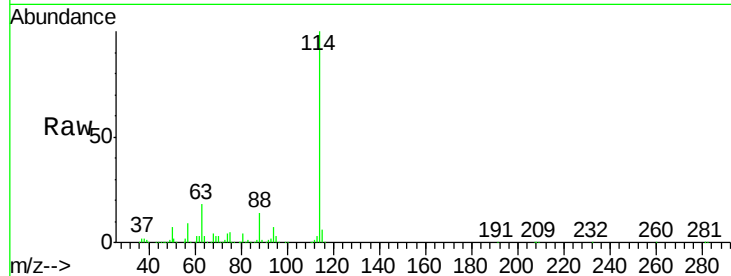




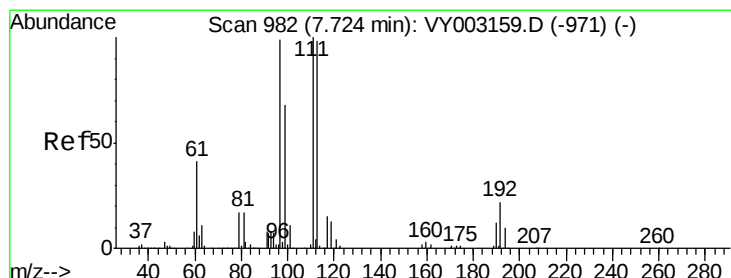
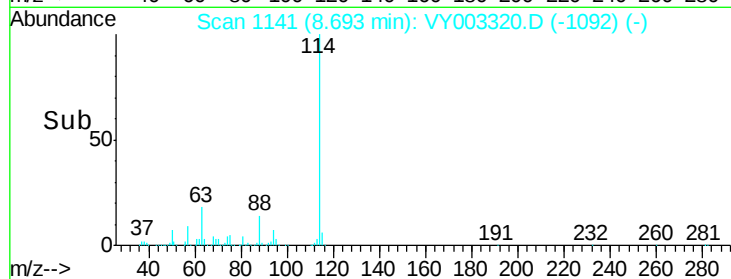
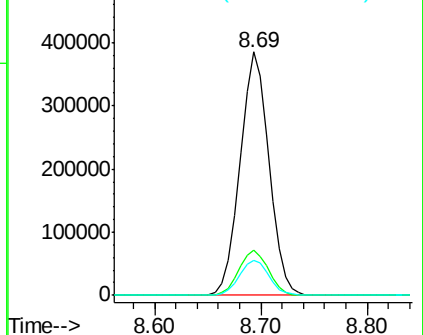
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003320.D
 Acq: 23 Jul 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 24

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.2
88	14.4	0.0	30.2

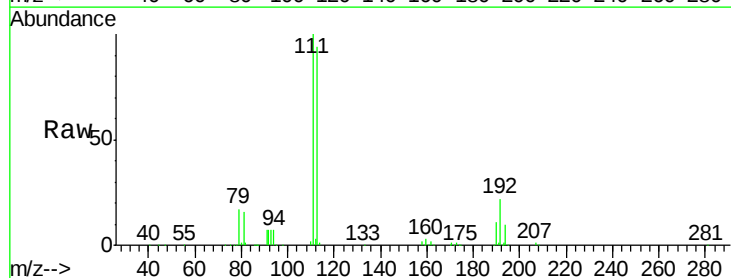


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

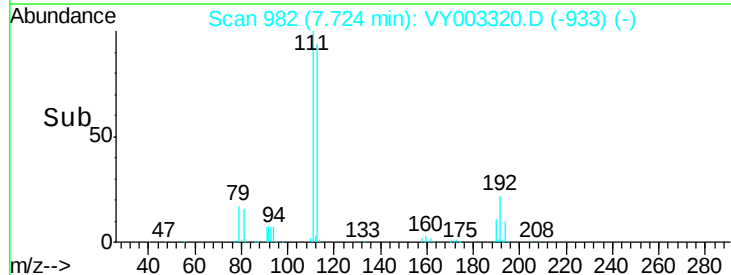
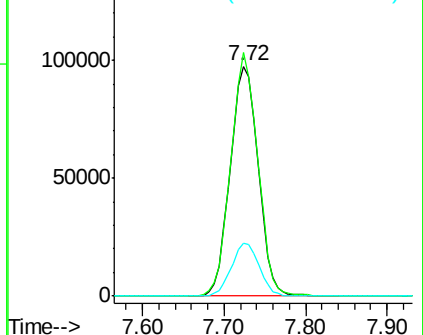


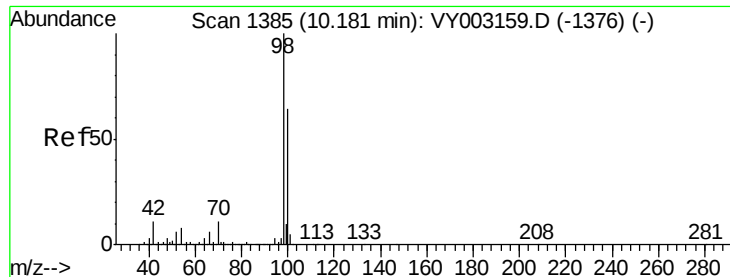
#35
 Dibromofluoromethane
 Concen: 54.621 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003320.D
 Acq: 23 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.8	18.8	28.2



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: 56.657 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

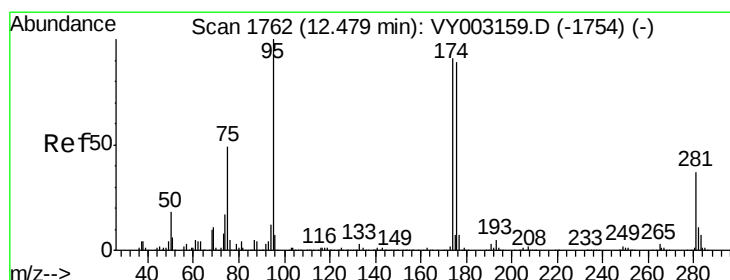
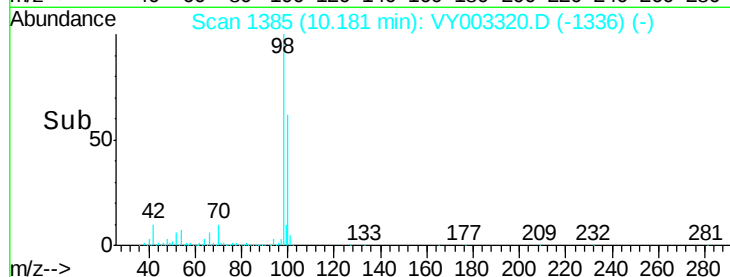
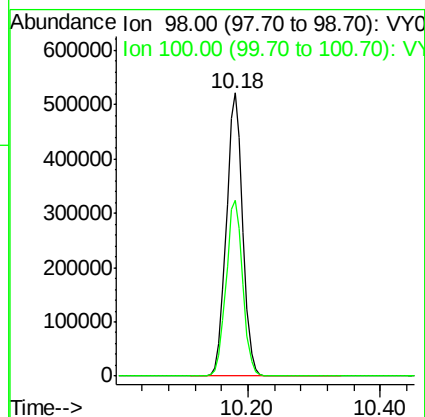
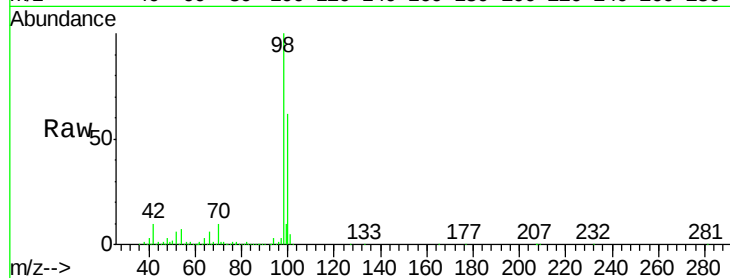
24

Tot Ion: 98 Resp: 893341

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.682 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

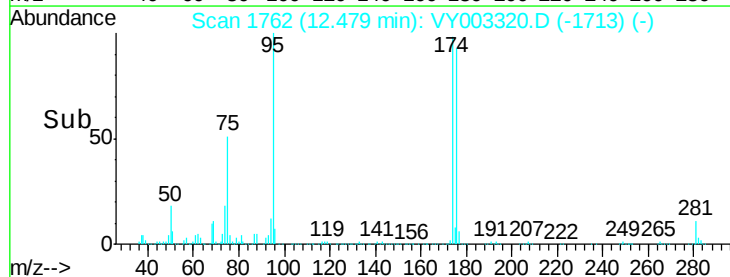
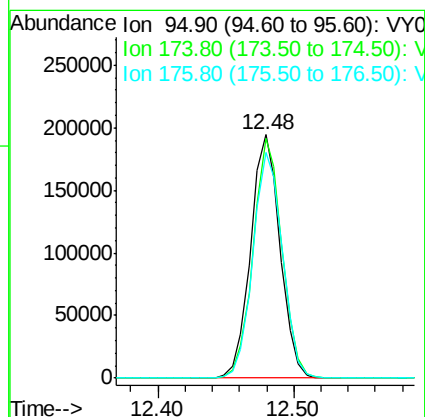
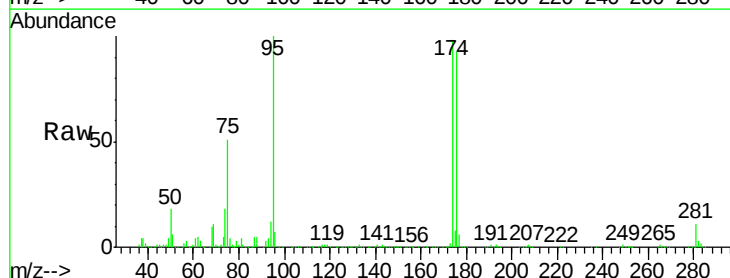
Tgt Ion: 95 Resp: 294389

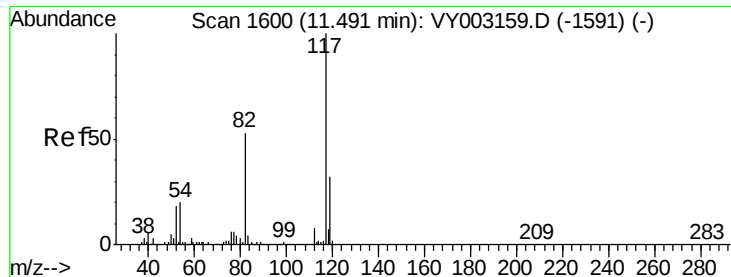
Ion Ratio Lower Upper

95 100

174 96.5 0.0 190.6

176 93.2 0.0 186.4

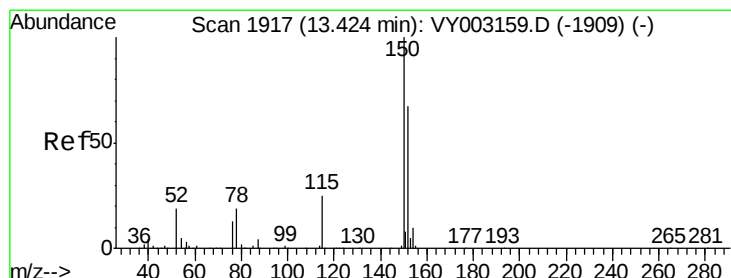
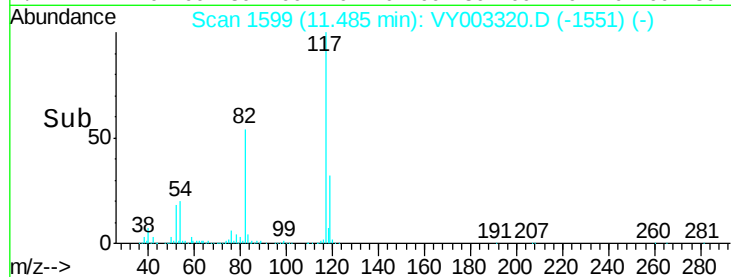
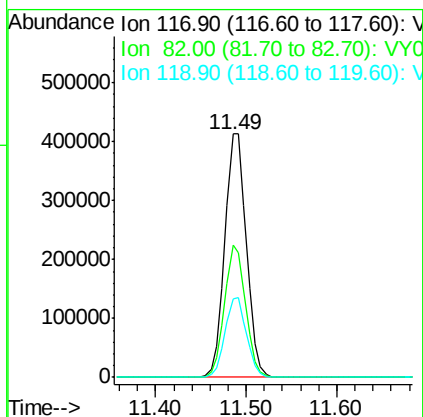
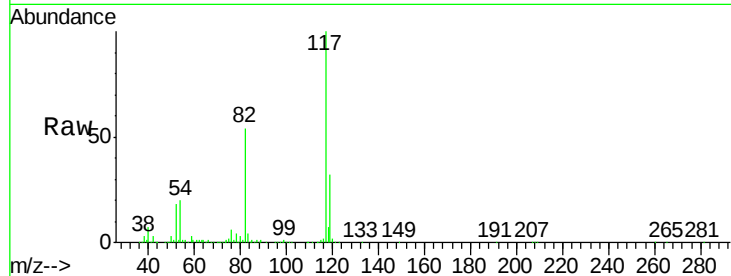




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003320.D
Acq: 23 Jul 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
24

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.0	63.0
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003320.D
Acq: 23 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	157.3	0.0	338.0

