

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy072220\
 Data File : VY003296.D
 Acq On : 22 Jul 2020 18:21
 Operator : SY/MD
 Sample : L3308-12RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12RE

Quant Time: Jul 23 06:25:23 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	385838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	596493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	199651	61.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.62%	
35) Dibromofluoromethane	7.72	113	189951	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
50) Toluene-d8	10.18	98	732907	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
62) 4-Bromofluorobenzene	12.48	95	237955	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

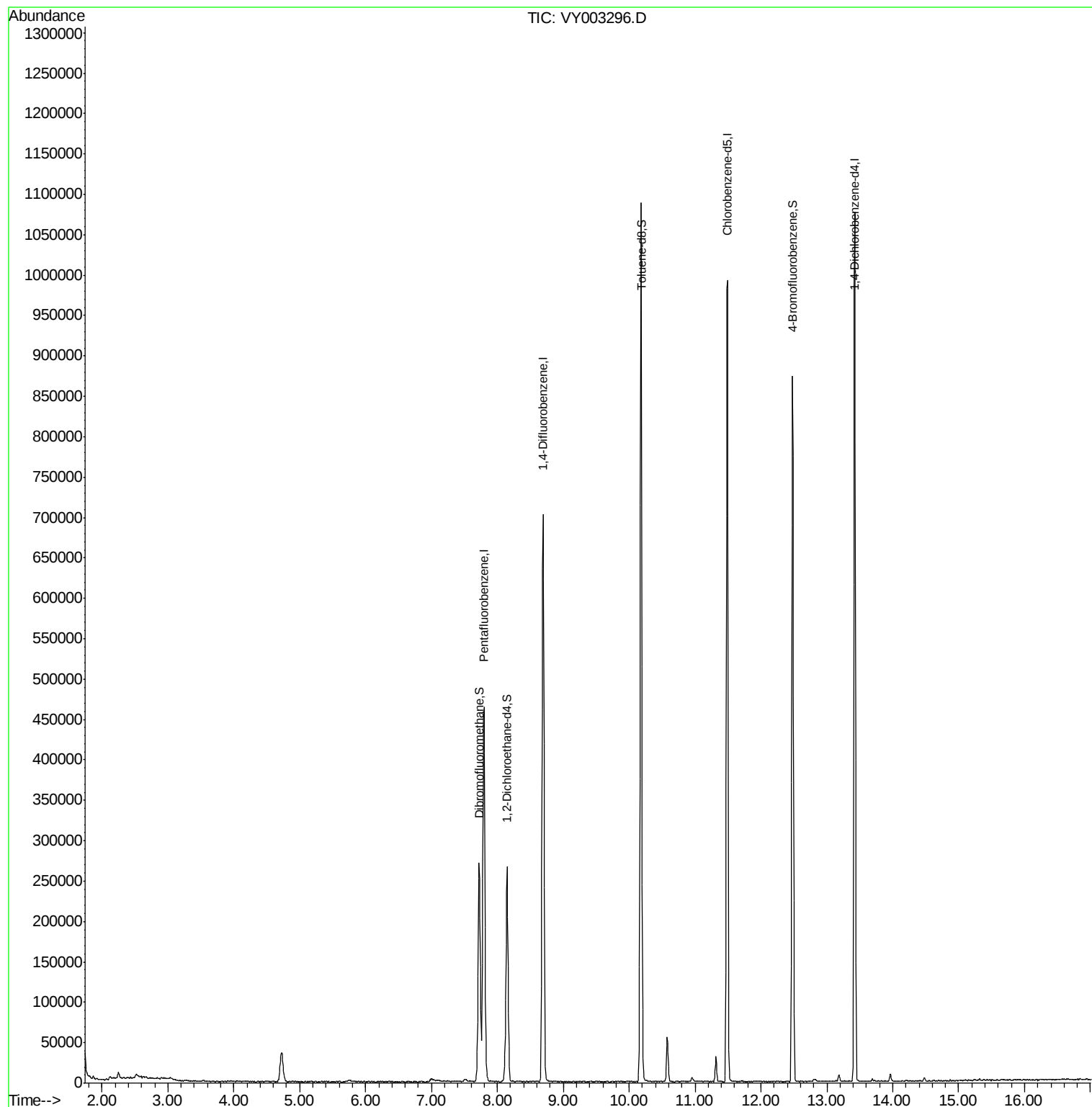
Target Compounds	Qvalue

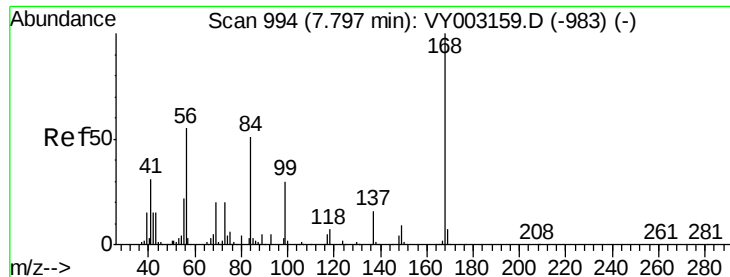
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

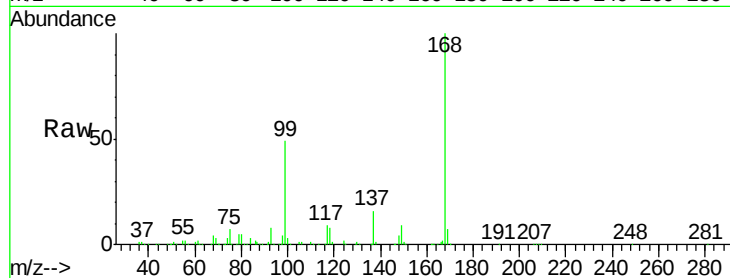
12RE

Tgt Ion:168 Resp: 385838

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003296.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003296.D (-945) (-)

7.80

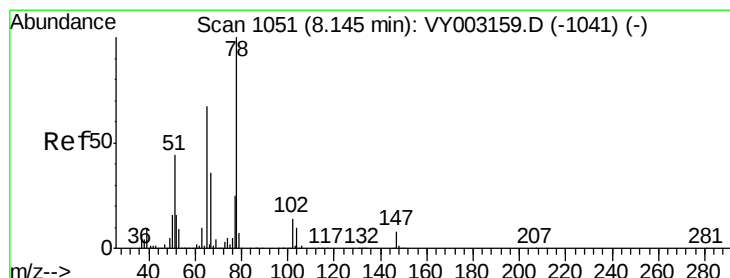
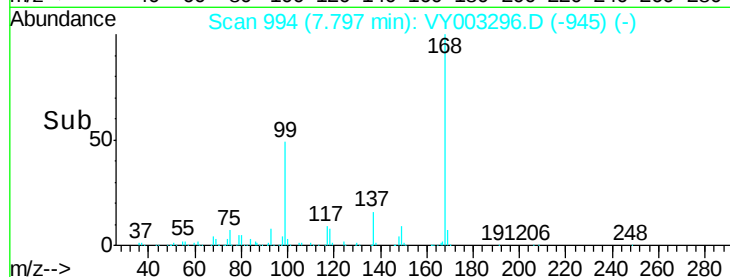
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.306 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003296.D

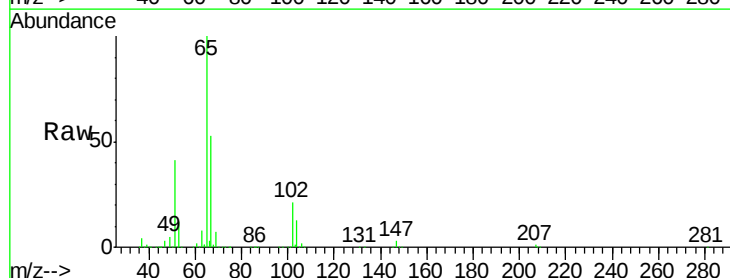
Acq: 22 Jul 2020 18:21

Tgt Ion: 65 Resp: 199651

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003296.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003296.D (-1002) (-)

8.14

100000

80000

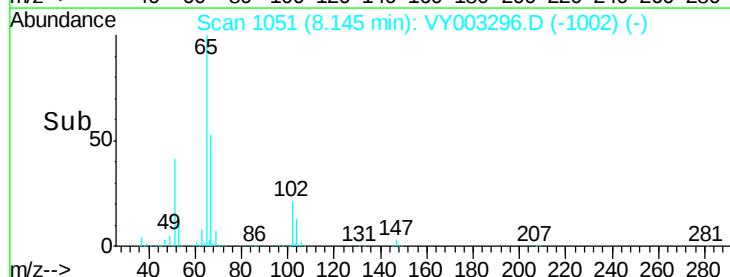
60000

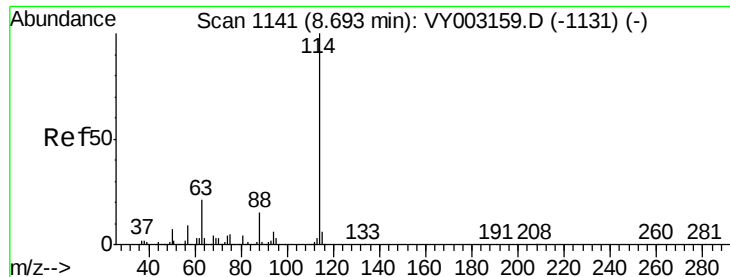
40000

20000

0

Time-->

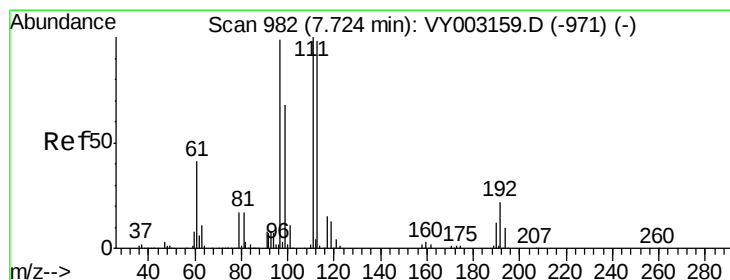
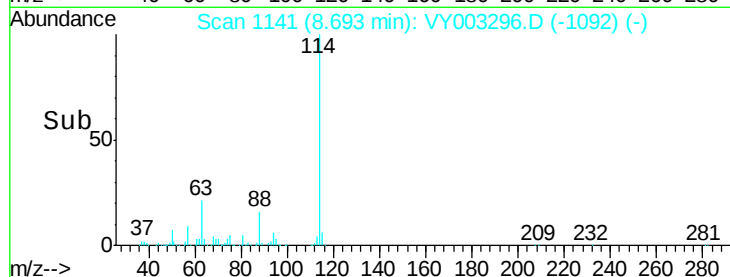
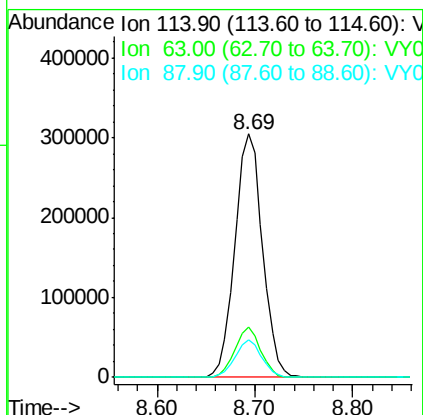
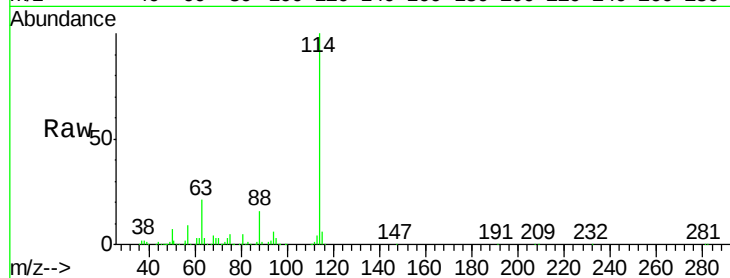




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

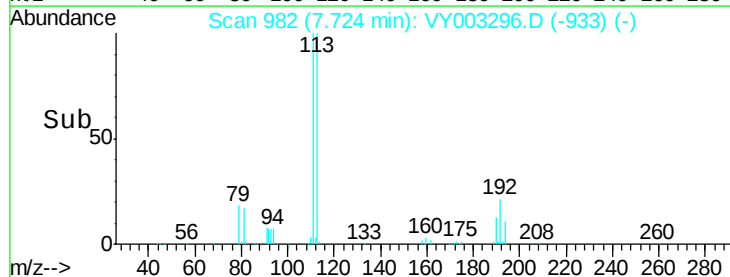
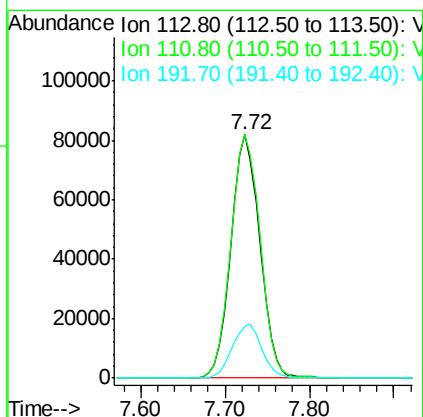
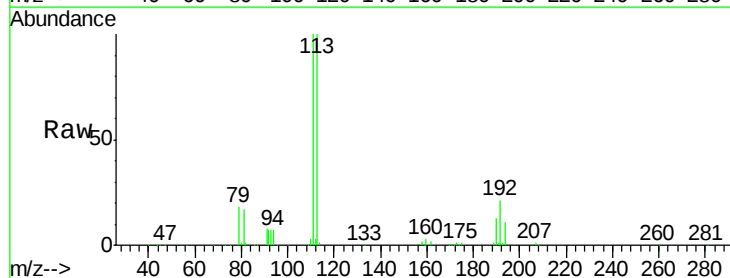
Instrument :
 MSVOA_Y
 ClientSampleId :
 12RE

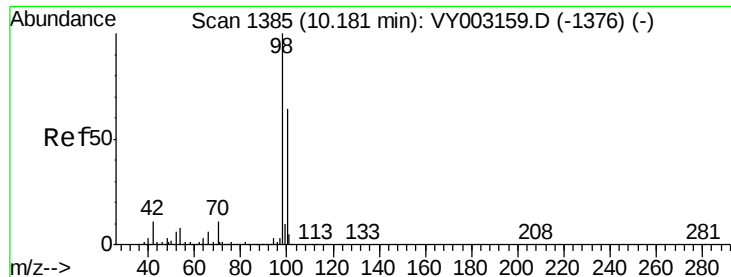
Tgt Ion:114 Resp: 596493
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.6 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 55.336 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

Tgt Ion:113 Resp: 189951
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.1 123.1
 192 22.6 18.8 28.2





#50

Toluene-d8

Concen: 57.428 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

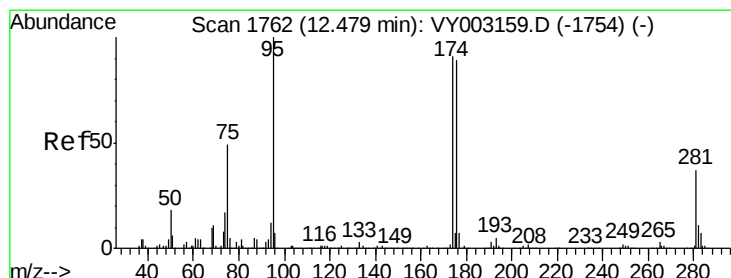
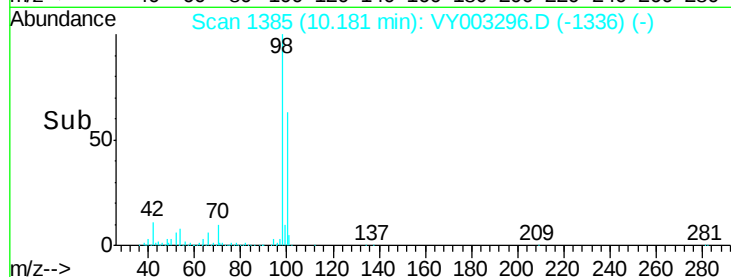
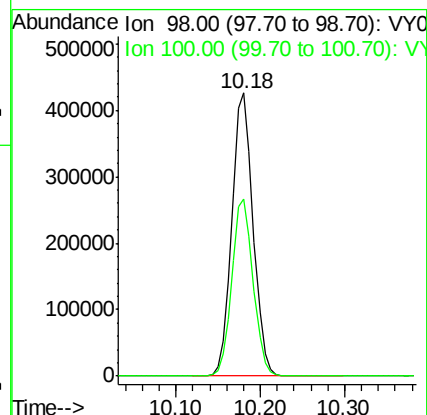
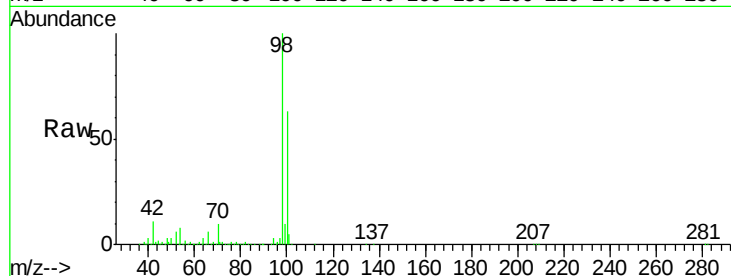
12RE

Tgt Ion: 98 Resp: 732907

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.612 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

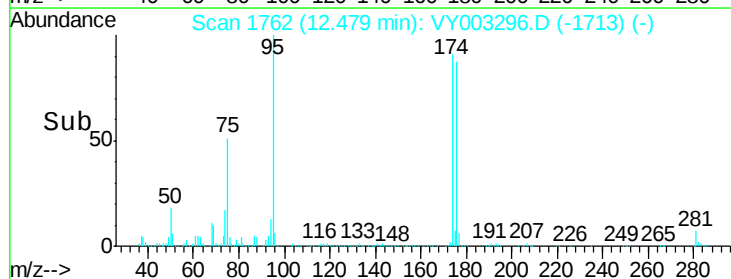
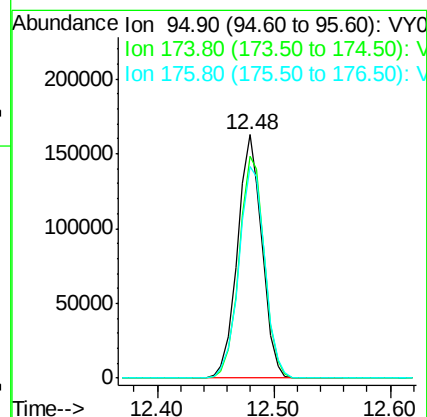
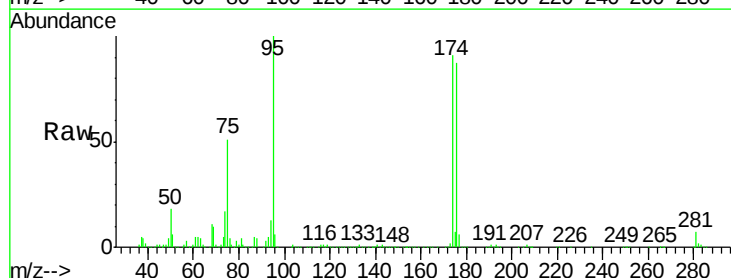
Tgt Ion: 95 Resp: 237955

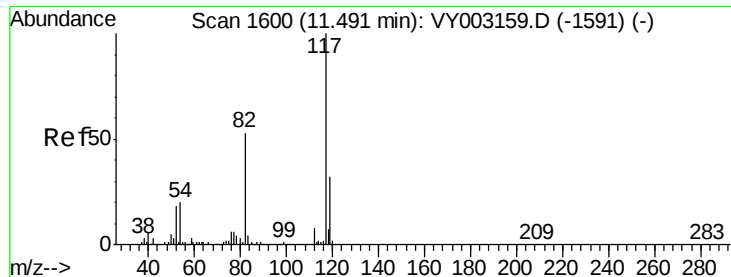
Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 91.9 0.0 186.4

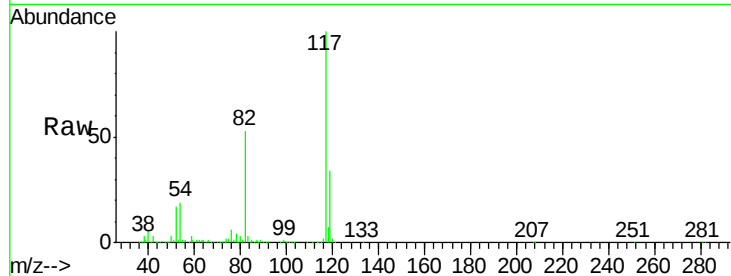




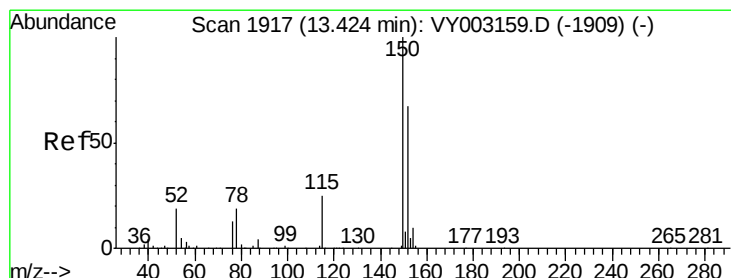
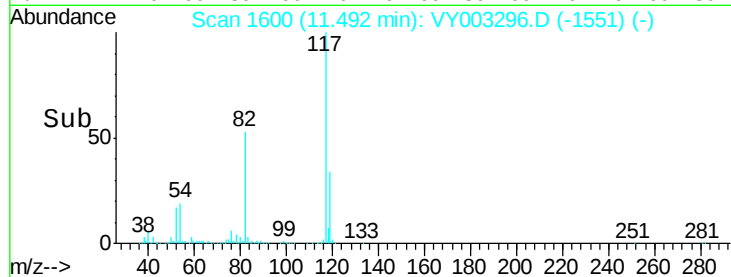
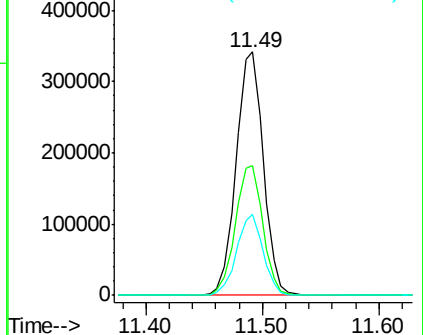
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :
12RE

Tgt Ion:117 Resp: 556631
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 33.5 25.5 38.3

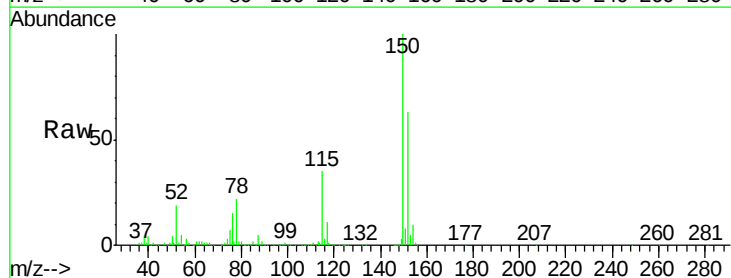


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

Tgt Ion:152 Resp: 280318
Ion Ratio Lower Upper
152 100
115 53.5 26.9 80.7
150 154.6 0.0 338.0



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

