

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002740.D
 Acq On : 21 May 2020 14:52
 Operator : SY/MD
 Sample : L2728-10
 Misc : 5.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 240000

Quant Time: May 21 15:54:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	341077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	546360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	493330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	234006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	152388	57.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.24%	
35) Dibromofluoromethane	7.72	113	162569	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	10.18	98	640843	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.48	95	209452	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

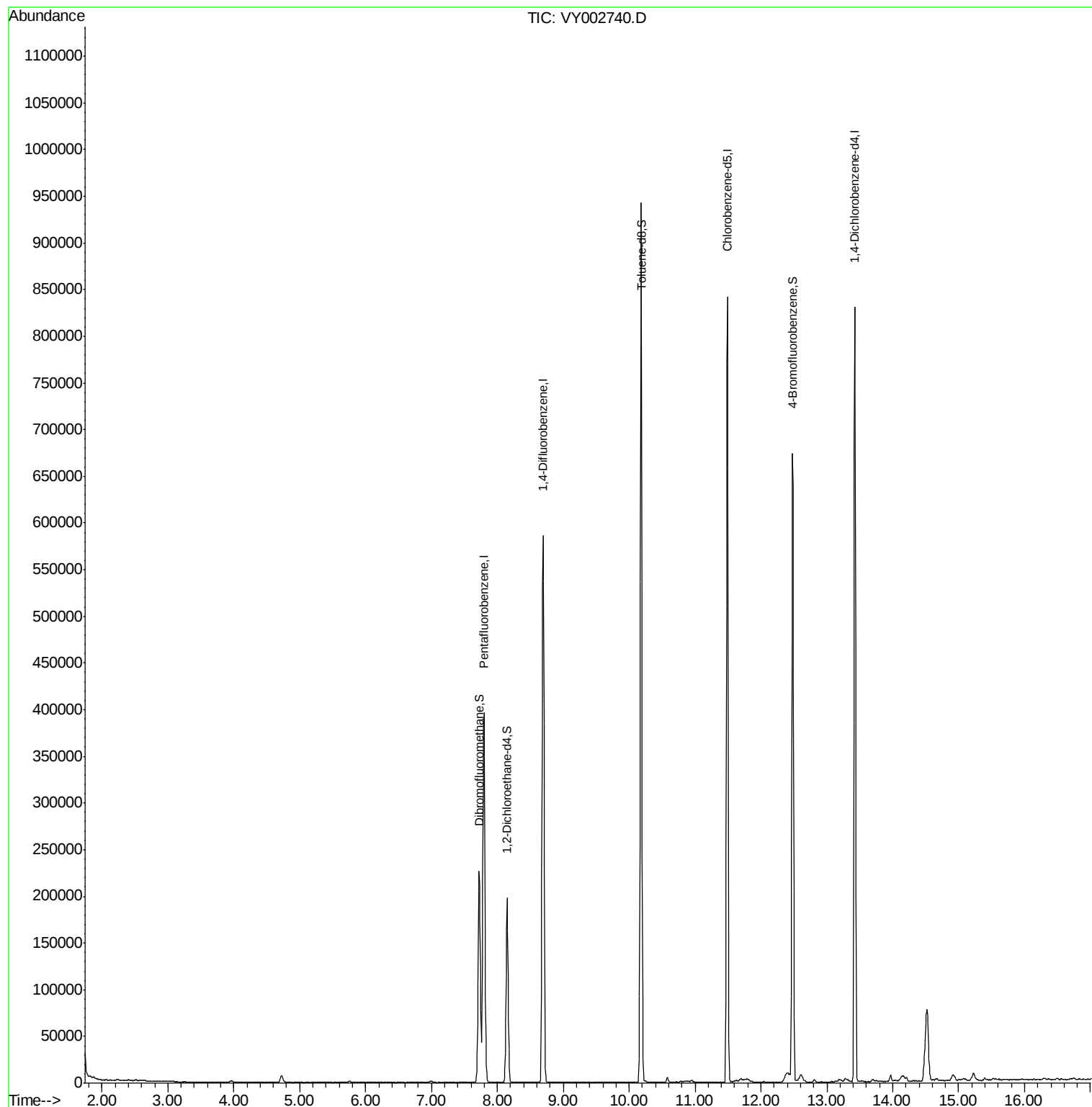
Target Compounds	Qvalue

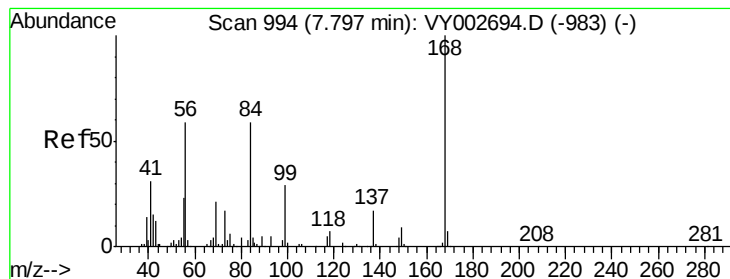
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002740.D

Acq: 21 May 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

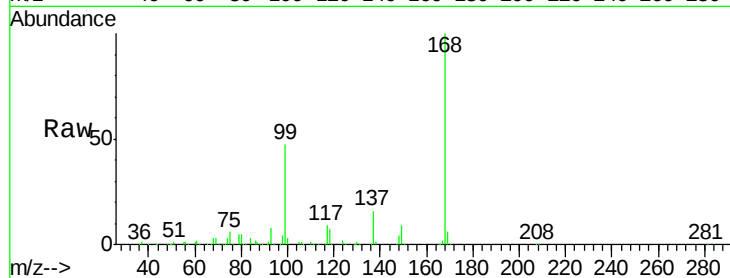
240000

Tot Ion:168 Resp: 341077

Ion Ratio Lower Upper

168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002740.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002740.D (-945) (-)

7.80

150000

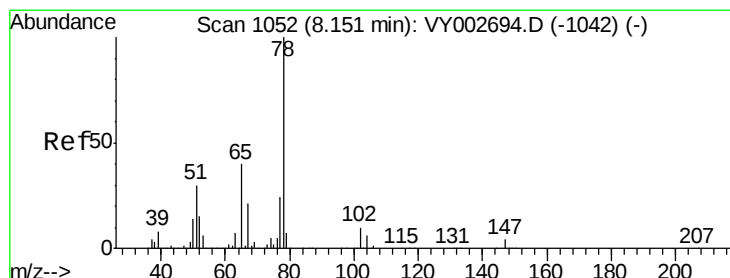
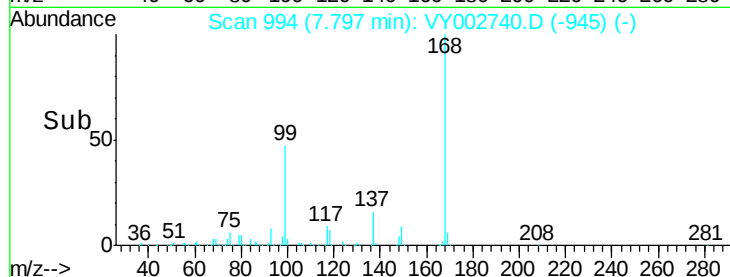
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.118 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002740.D

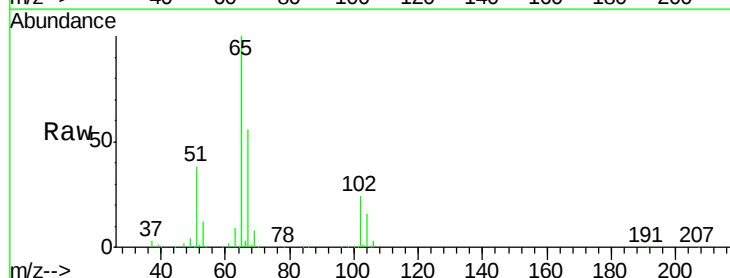
Acq: 21 May 2020 14:52

Tgt Ion: 65 Resp: 152388

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002740.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002740.D (-1003) (-)

8.14

80000

60000

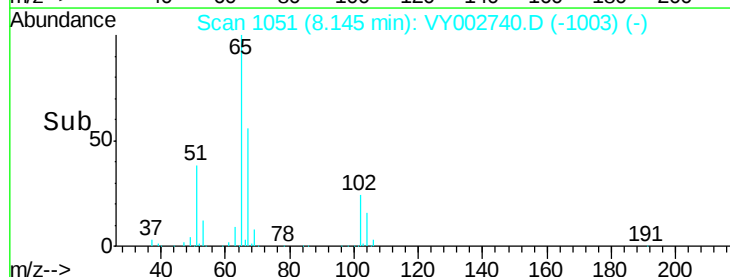
40000

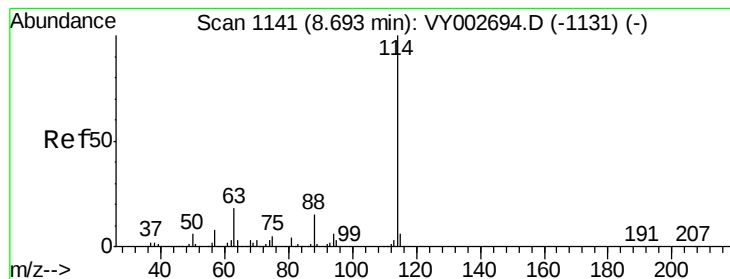
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002740.D

Acq: 21 May 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

240000

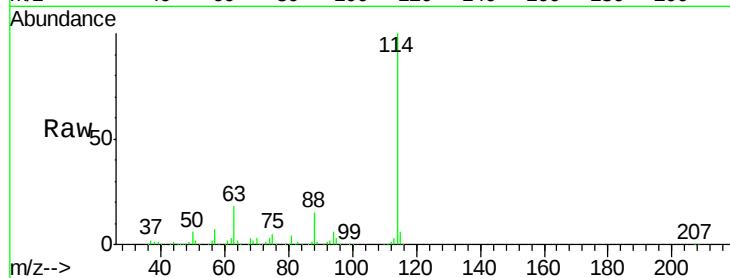
Tot Ion:114 Resp: 546360

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.4

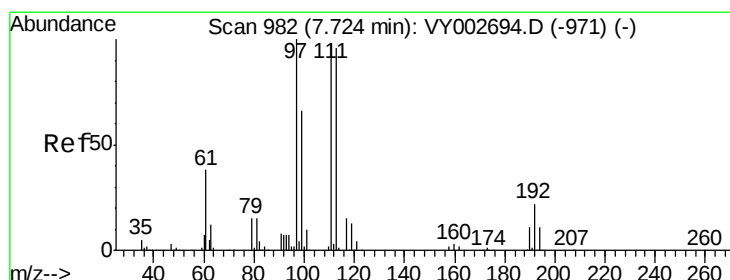
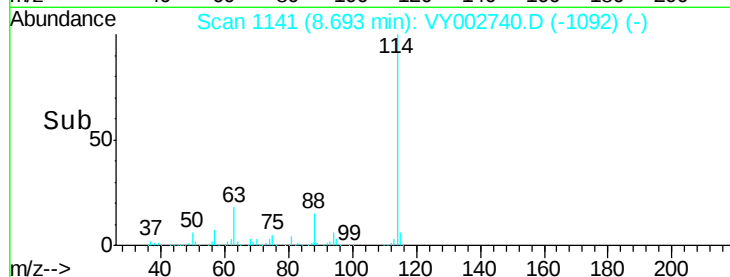
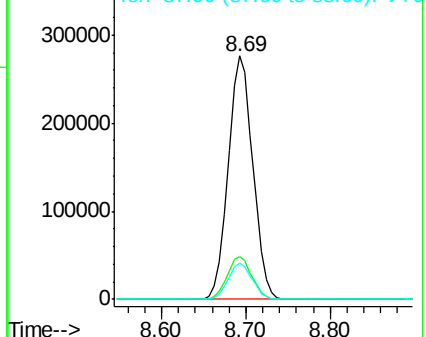
88 14.7 0.0 29.4



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: 53.916 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002740.D

Acq: 21 May 2020 14:52

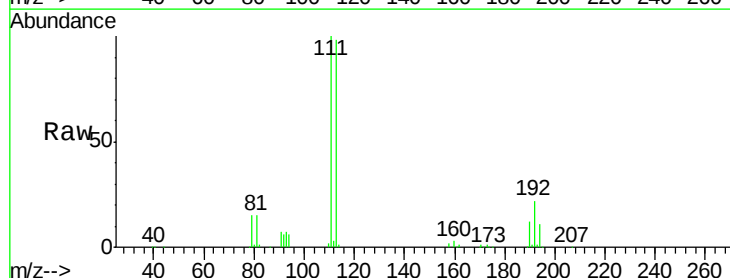
Tgt Ion:113 Resp: 162569

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

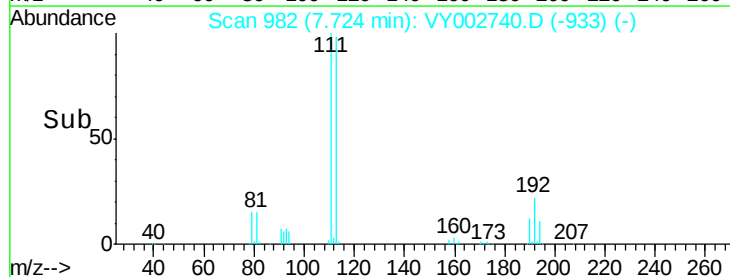
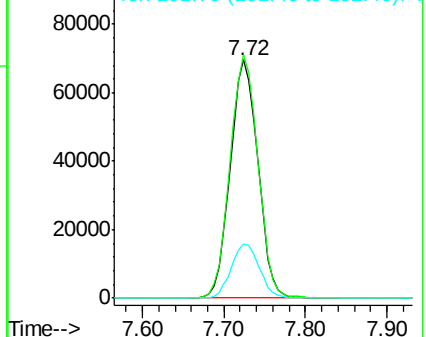
192 23.2 18.6 27.8

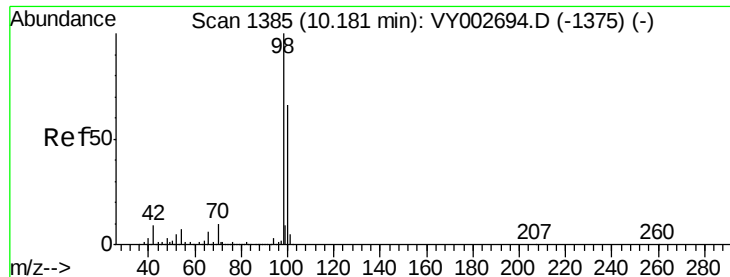


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.790 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002740.D

Acq: 21 May 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

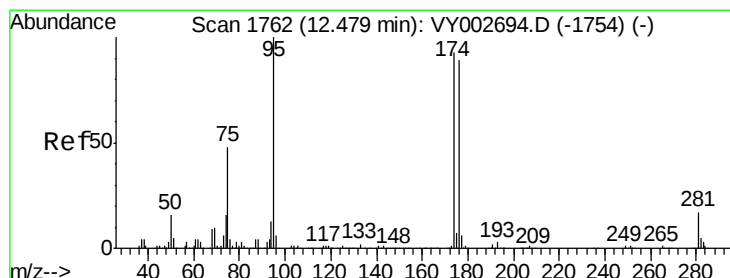
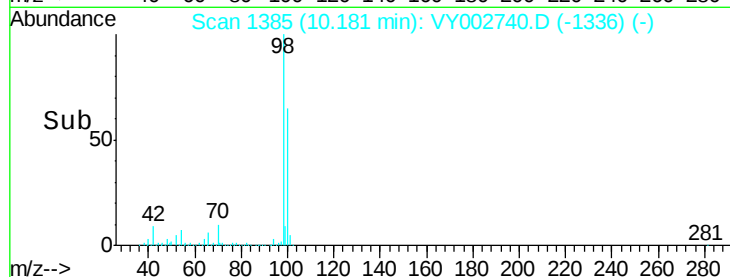
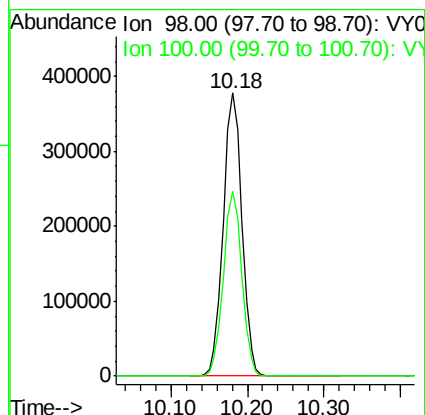
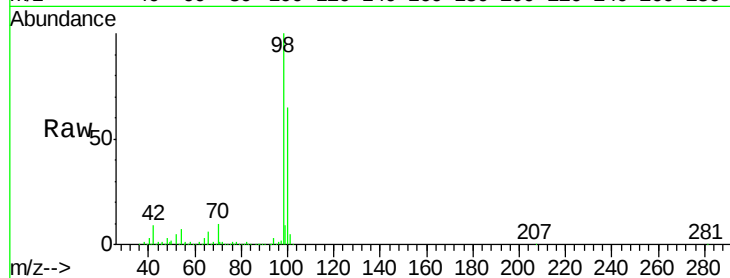
240000

Tot Ion: 98 Resp: 640843

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.199 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002740.D

Acq: 21 May 2020 14:52

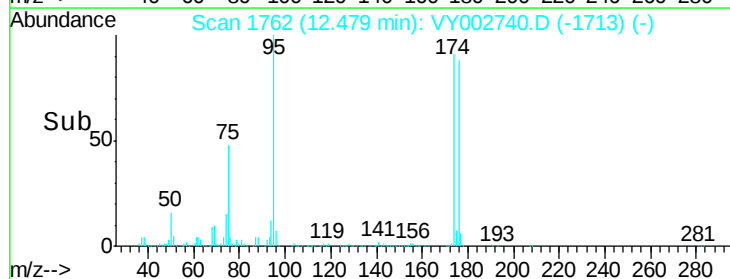
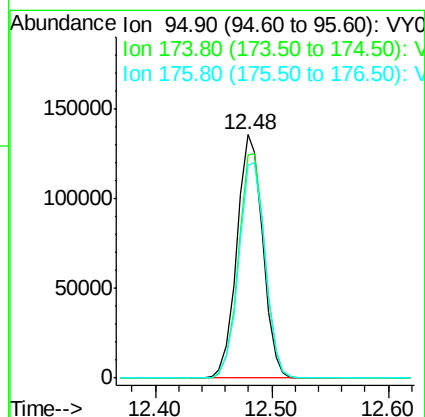
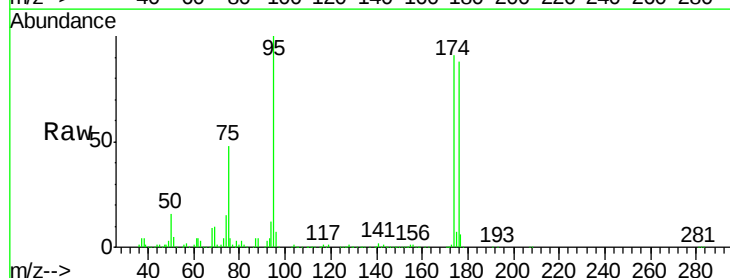
Tgt Ion: 95 Resp: 209452

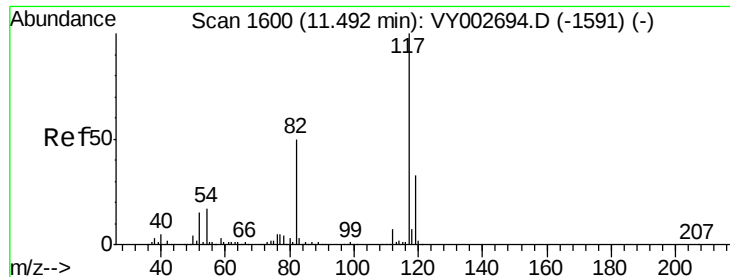
Ion Ratio Lower Upper

95 100

174 94.2 0.0 191.4

176 90.8 0.0 186.0

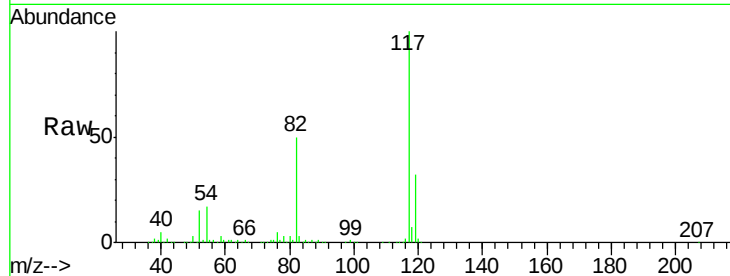




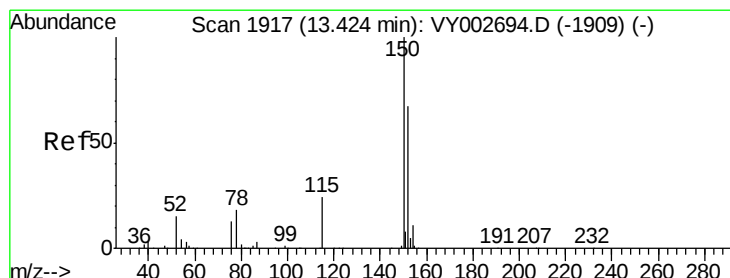
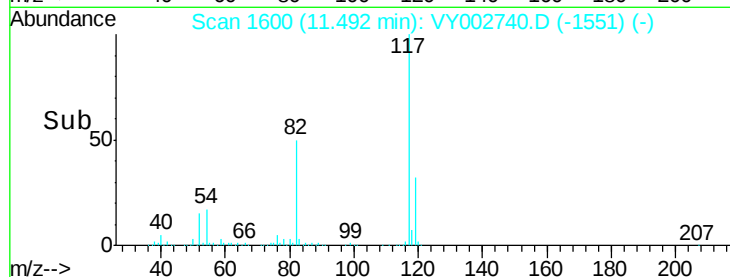
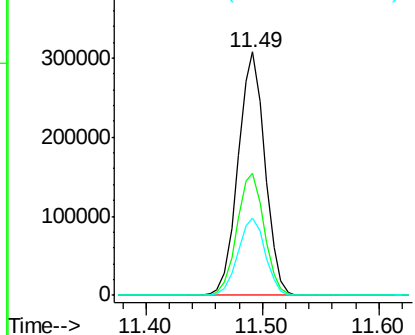
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002740.D
Acq: 21 May 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
240000

Tot Ion:117 Resp: 493330
Ion Ratio Lower Upper
117 100
82 50.1 40.3 60.5
119 31.9 26.2 39.4

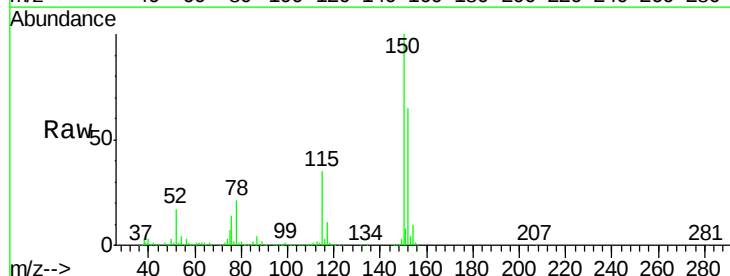


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002740.D
Acq: 21 May 2020 14:52

Tgt Ion:152 Resp: 234006
Ion Ratio Lower Upper
152 100
115 53.9 27.2 81.6
150 156.7 0.0 343.8



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

