

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002726.D
 Acq On : 20 May 2020 13:07
 Operator : SY/MD
 Sample : L2722-03
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: May 21 04:09:47 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	344563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	545624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154376	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.73	113	164661	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	10.18	98	636867	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.48	95	214052	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

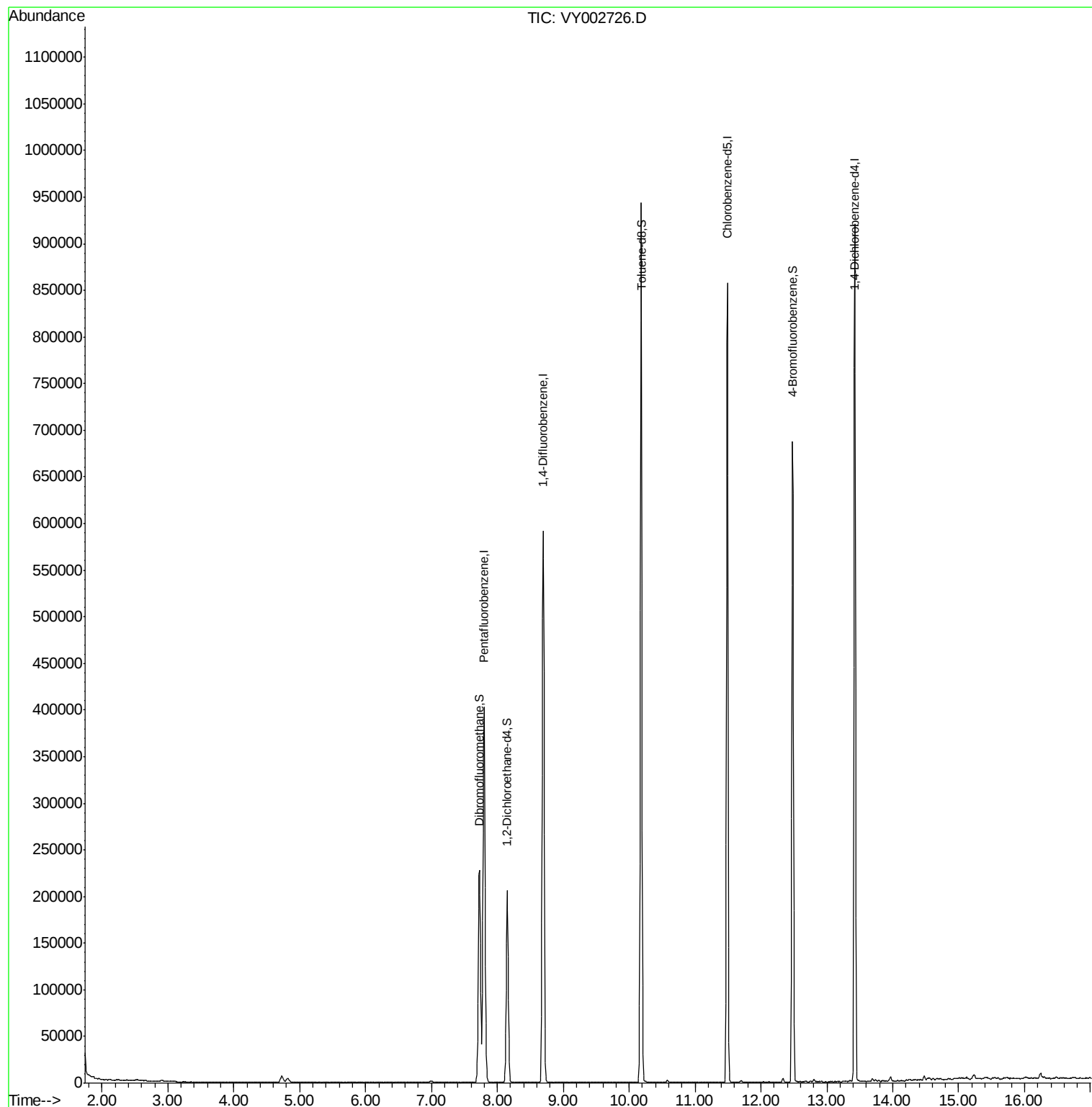
Target Compounds	Qvalue
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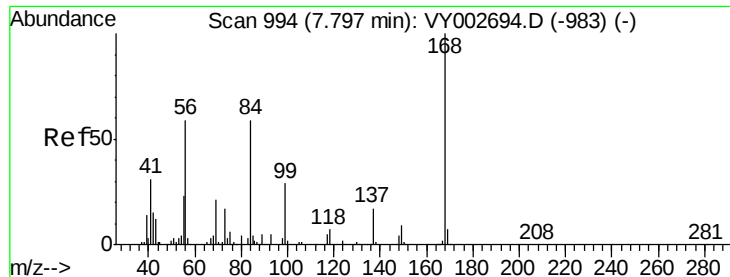
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

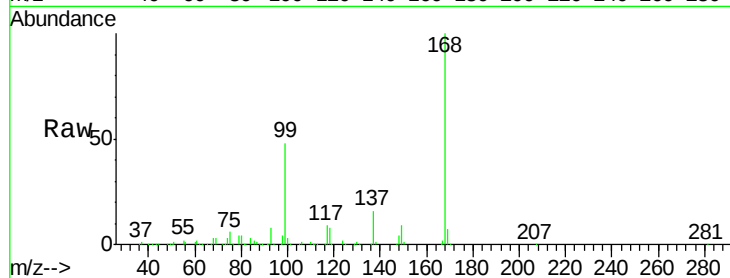
COMP-3

Tot Ion:168 Resp: 344563

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002726.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002726.D (-945) (-)

7.80

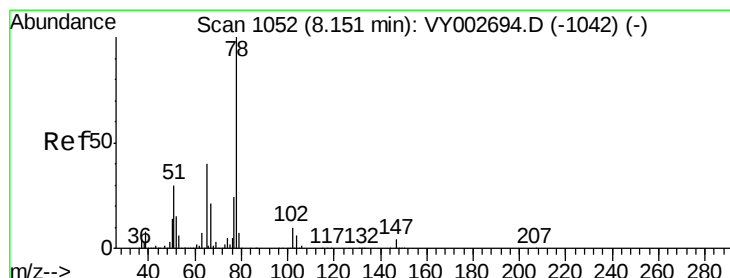
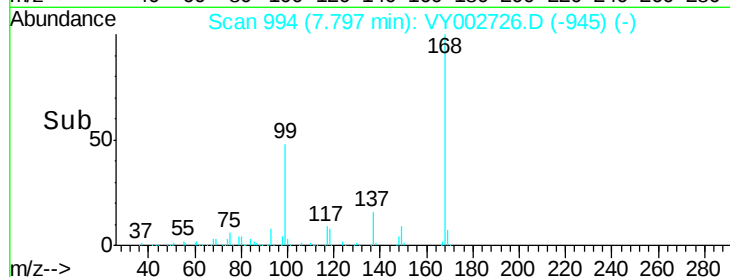
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.278 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002726.D

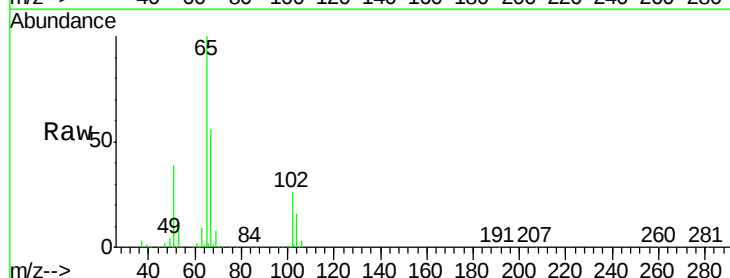
Acq: 20 May 2020 13:07

Tgt Ion: 65 Resp: 154376

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002726.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002726.D (-1003) (-)

8.15

80000

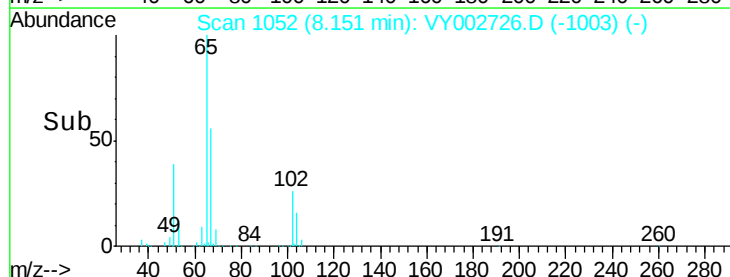
60000

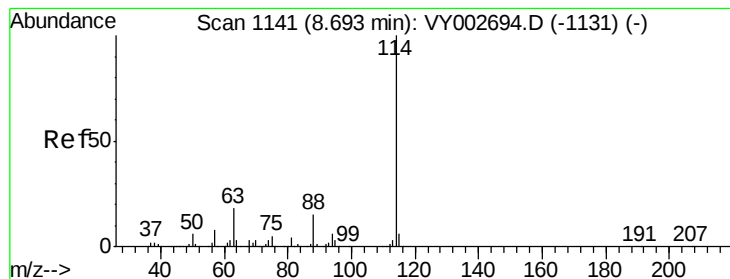
40000

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: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

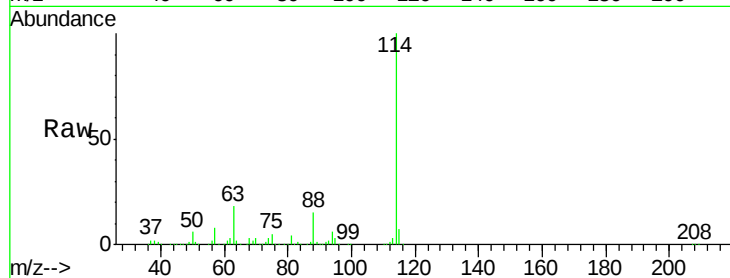
Tot Ion:114 Resp: 545624

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.4

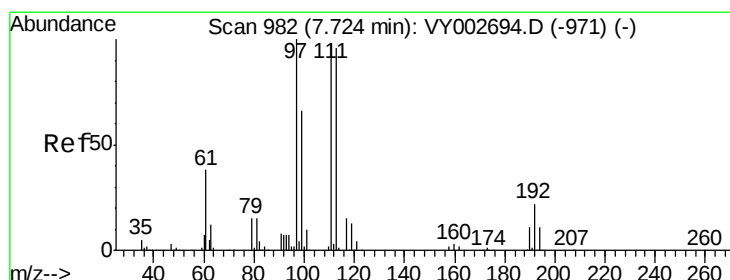
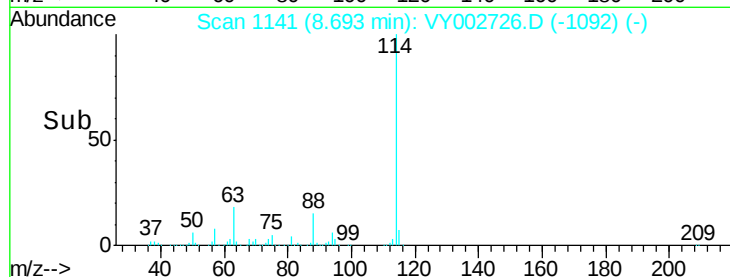
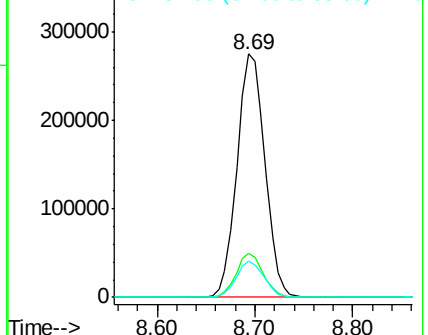
88 14.9 0.0 29.4



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: 54.683 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

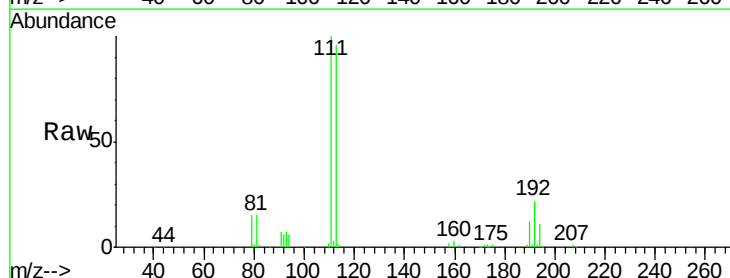
Tgt Ion:113 Resp: 164661

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

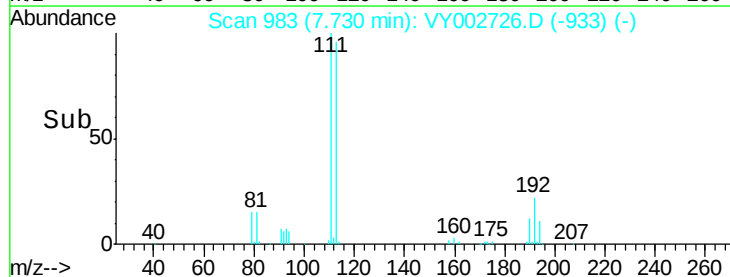
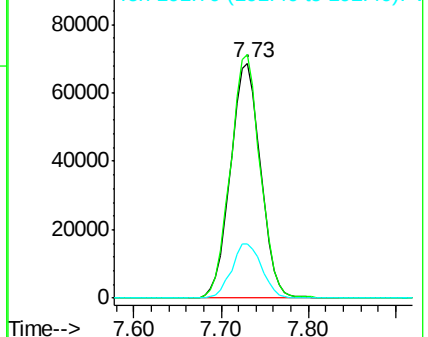
192 23.2 18.6 27.8

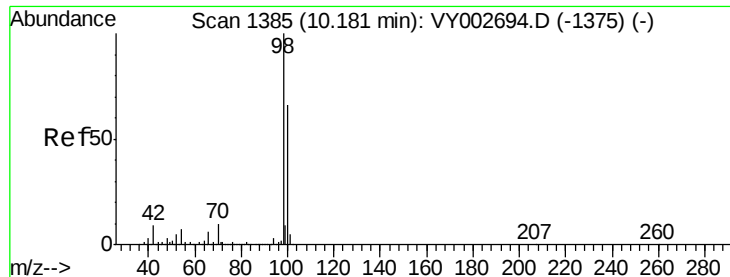


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

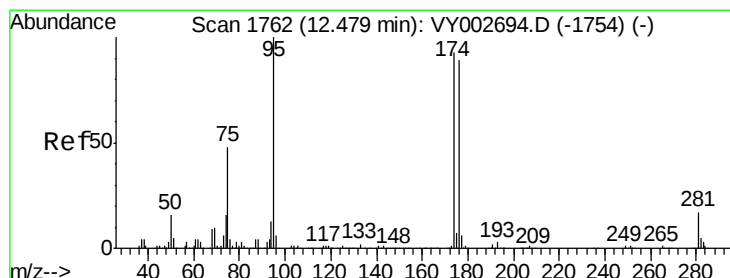
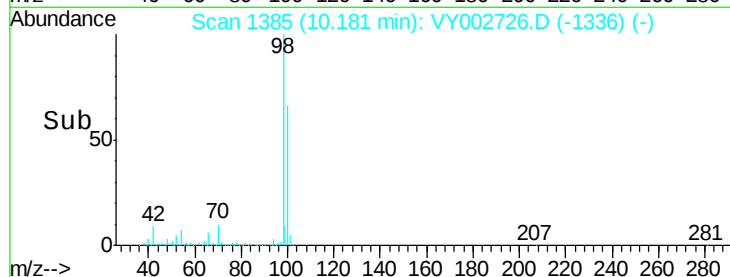
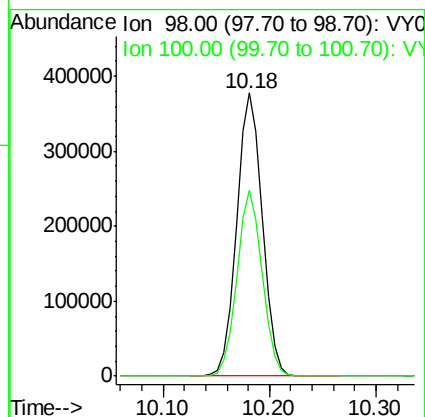
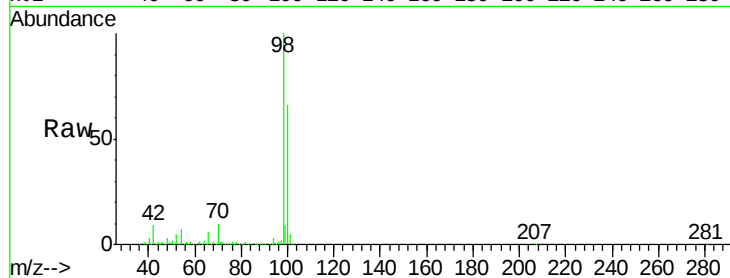
COMP-3

Tot Ion: 98 Resp: 636867

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 51.371 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002726.D

Acq: 20 May 2020 13:07

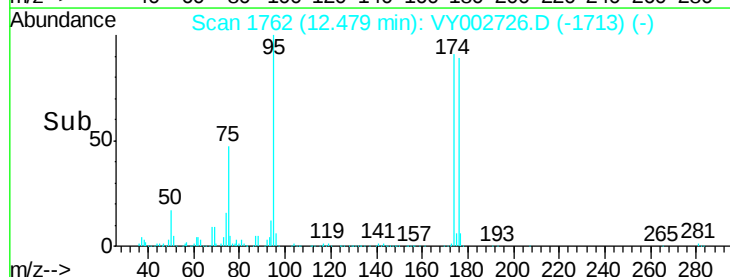
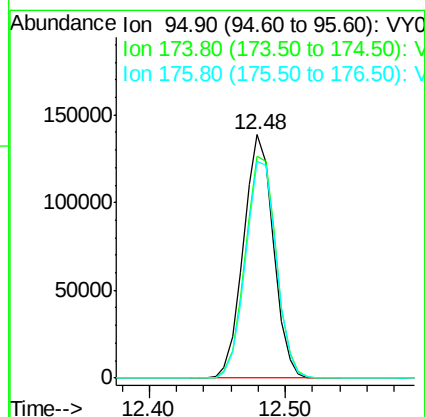
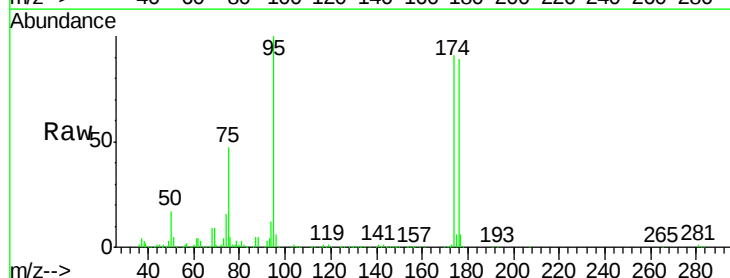
Tgt Ion: 95 Resp: 214052

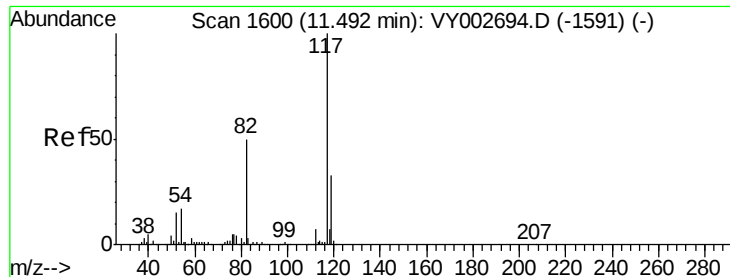
Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.4

176 91.5 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: VY002726.D

Acq: 20 May 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

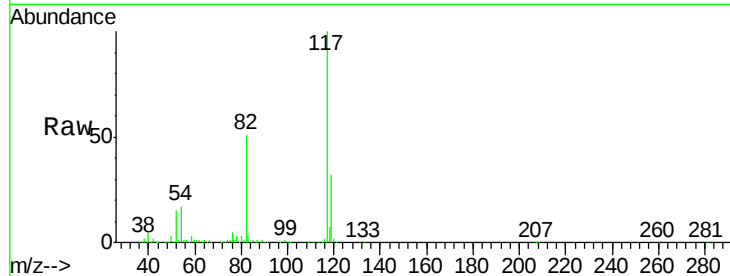
Tot Ion:117 Resp: 496063

Ion Ratio Lower Upper

117 100

82 50.9 40.3 60.5

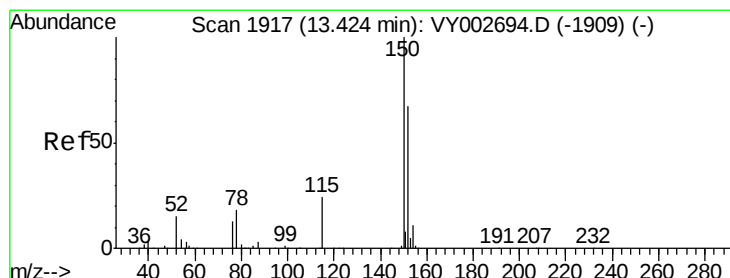
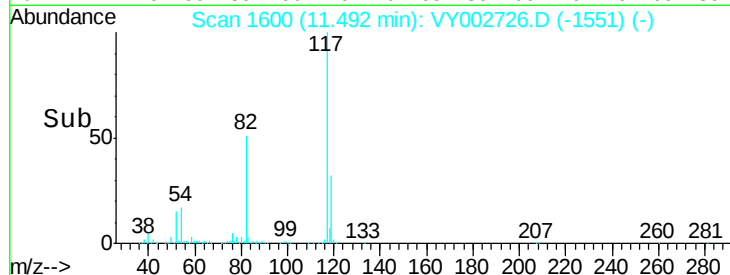
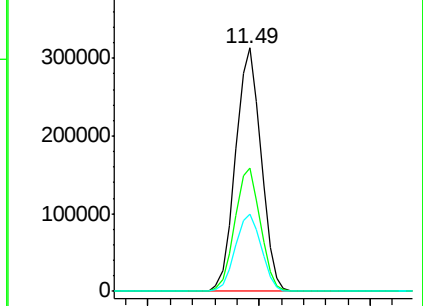
119 31.6 26.2 39.4



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: VY002726.D

Acq: 20 May 2020 13:07

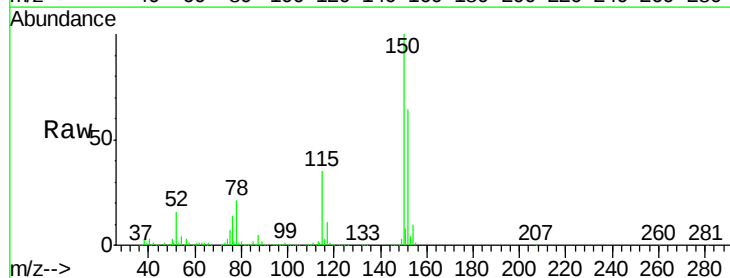
Tgt Ion:152 Resp: 250101

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.6

150 156.1 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

