

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001037.D
 Acq On : 24 Dec 2019 10:57
 Operator : SY/MD
 Sample : VY1224SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBL01

Quant Time: Dec 26 05:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	255241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	478574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142112	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.72	113	138908	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.18	98	558091	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.48	95	183546	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

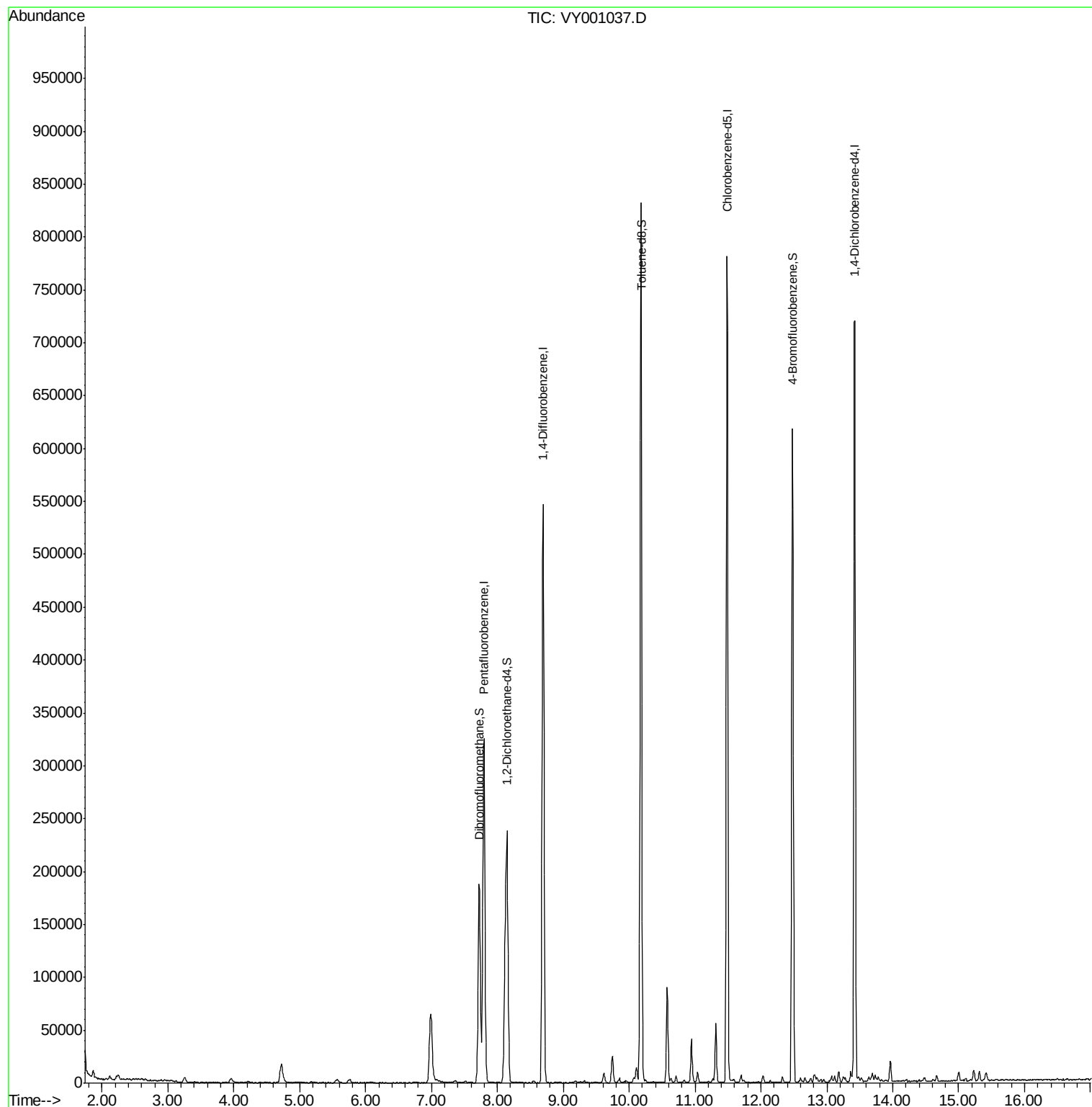
Target Compounds	Qvalue

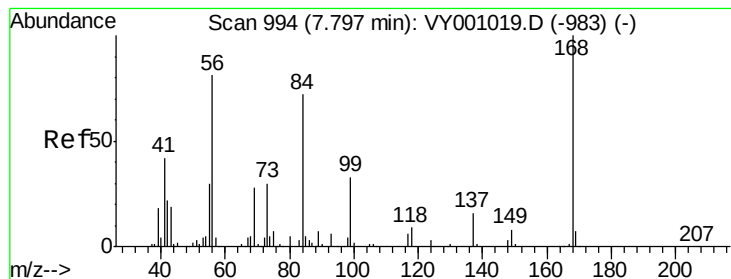
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001037.D

Acq: 24 Dec 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

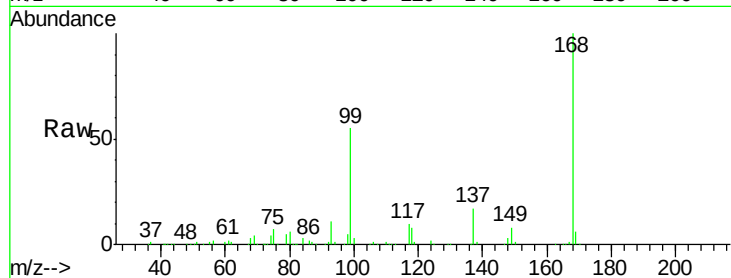
VY1224SBL01

Tot Ion:168 Resp: 255241

Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

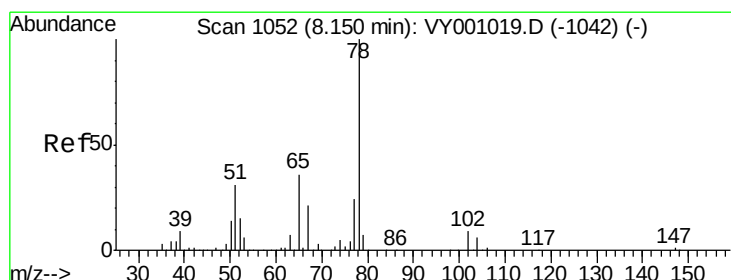
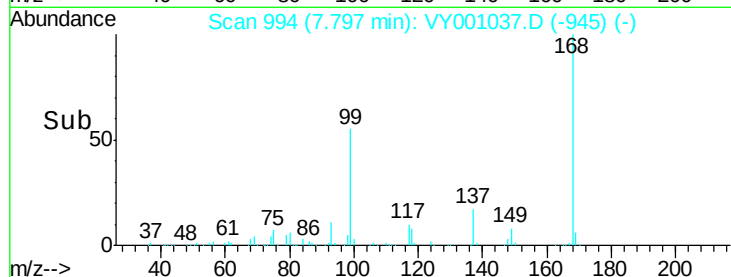
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.452 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001037.D

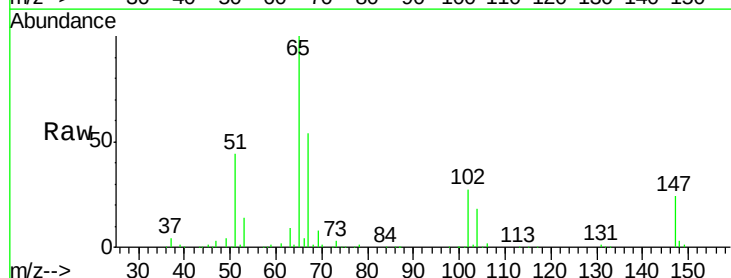
Acq: 24 Dec 2019 10:57

Tgt Ion: 65 Resp: 142112

Ion Ratio Lower Upper

65 100

67 59.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

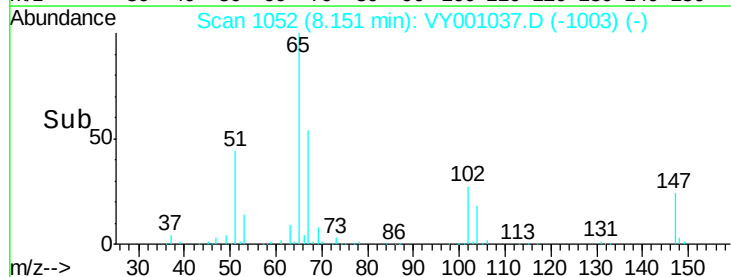
60000

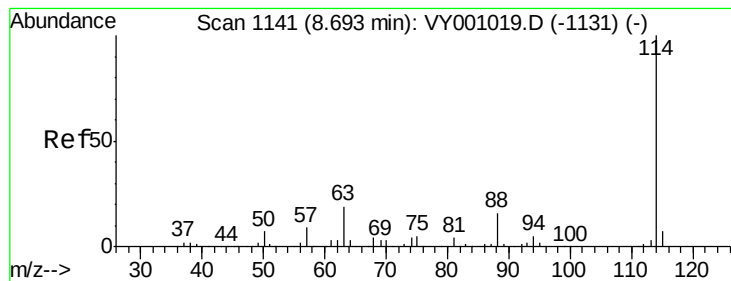
40000

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: VY001037.D

Acq: 24 Dec 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBL01

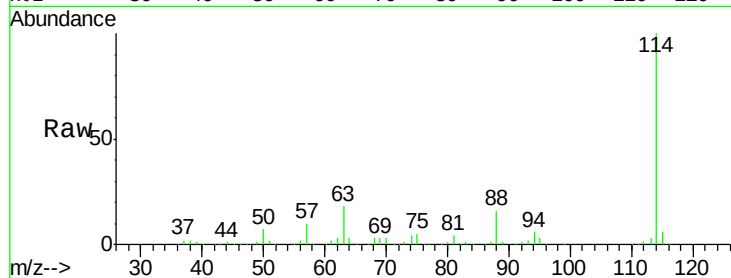
Tot Ion:114 Resp: 478574

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.0

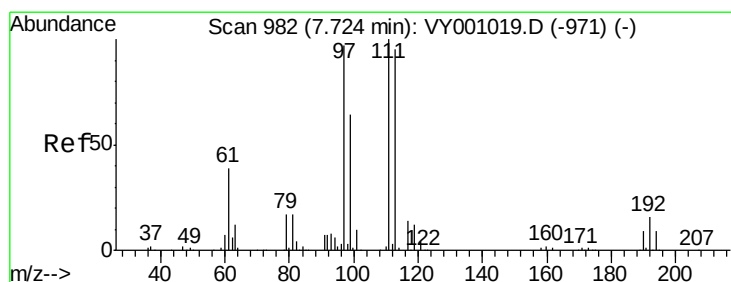
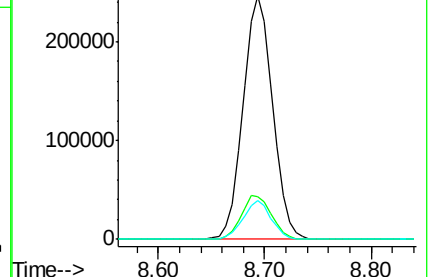
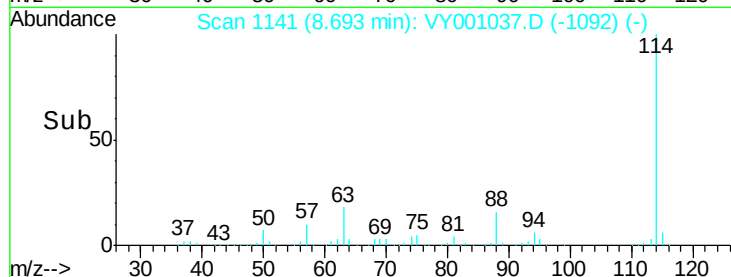
88 15.8 0.0 32.0



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: 49.291 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001037.D

Acq: 24 Dec 2019 10:57

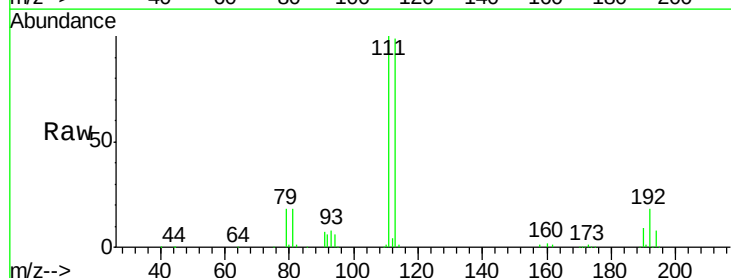
Tgt Ion:113 Resp: 138908

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

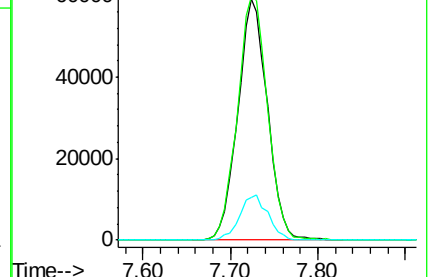
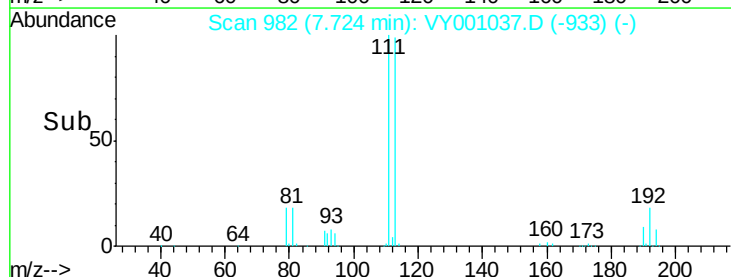
192 18.0 14.6 21.8

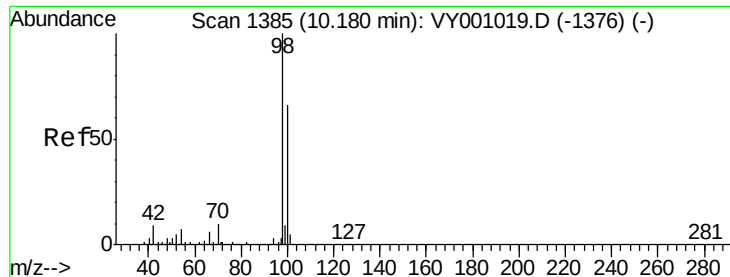


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.675 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001037.D

Acq: 24 Dec 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

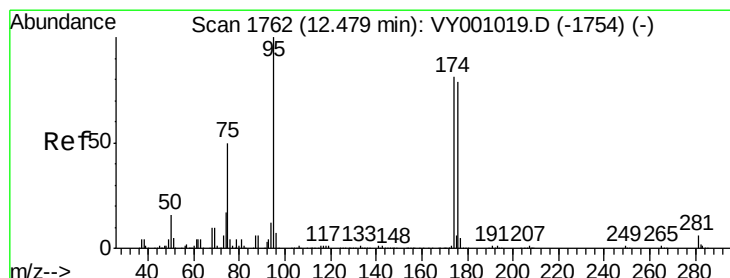
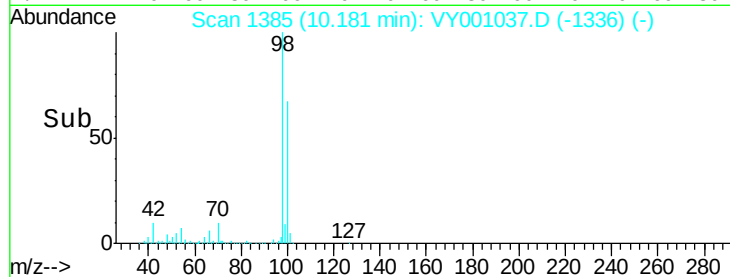
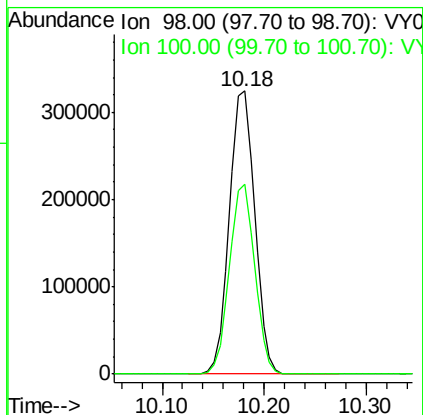
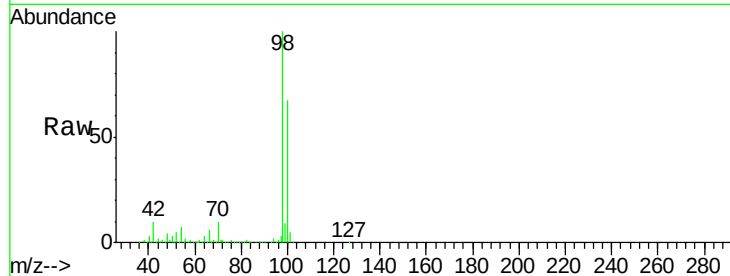
VY1224SBL01

Tot Ion: 98 Resp: 558091

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.584 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001037.D

Acq: 24 Dec 2019 10:57

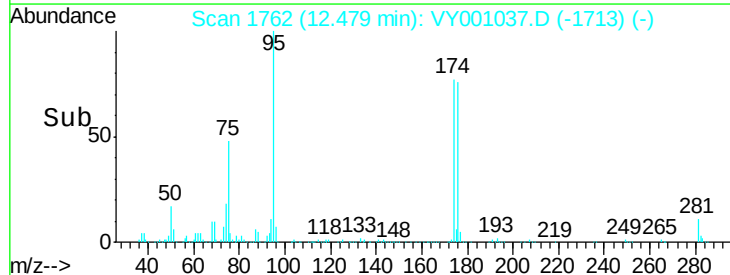
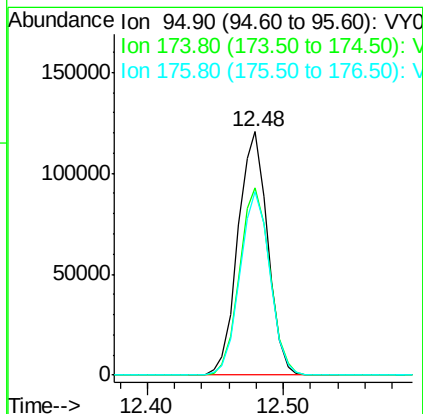
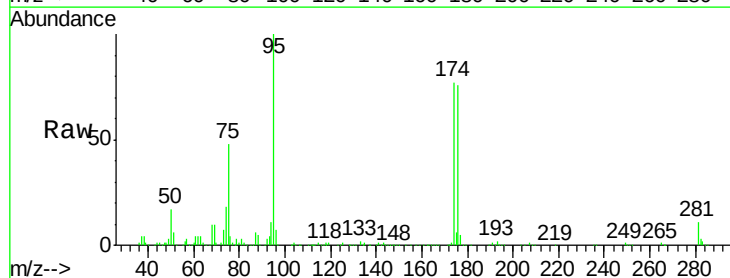
Tgt Ion: 95 Resp: 183546

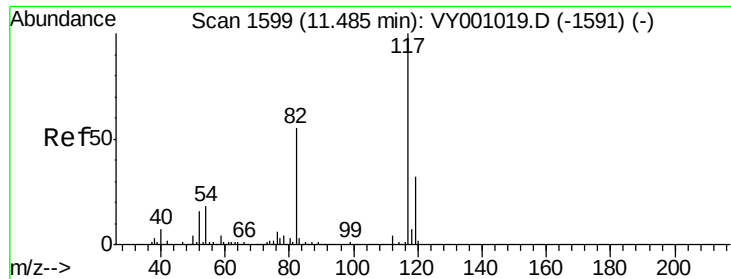
Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.4

176 76.0 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001037.D

Acq: 24 Dec 2019 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBL01

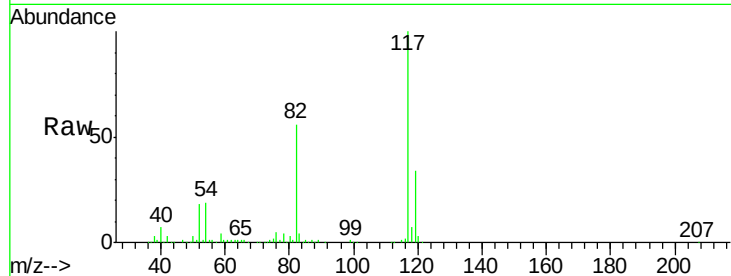
Tot Ion:117 Resp: 426877

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

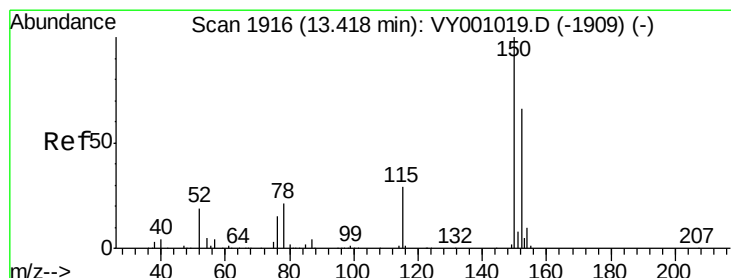
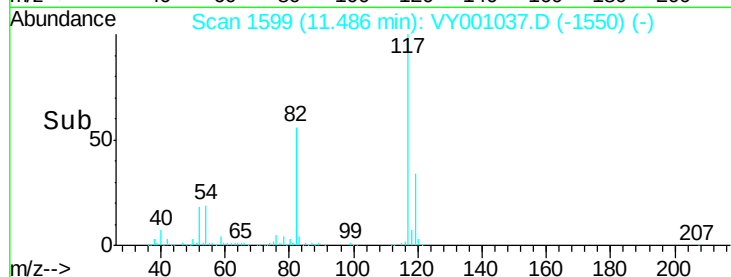
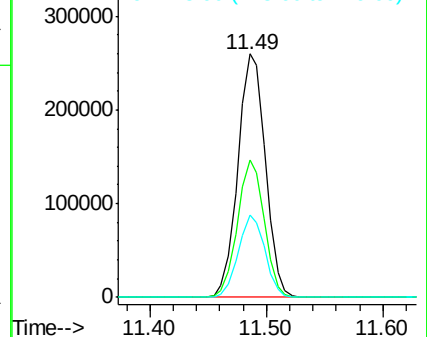
119 33.9 25.8 38.6



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. 0.01 min

Lab File: VY001037.D

Acq: 24 Dec 2019 10:57

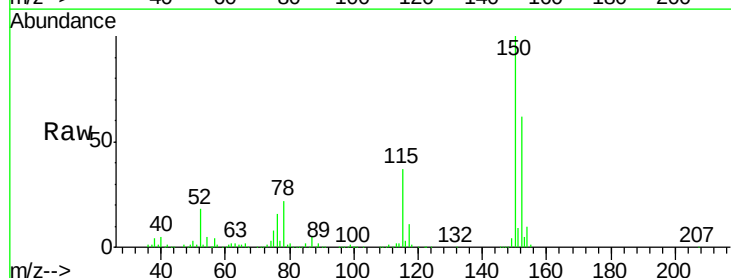
Tgt Ion:152 Resp: 185204

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.3

150 160.1 0.0 352.6



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

