

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001023.D
 Acq On : 23 Dec 2019 13:03
 Operator : SY/MD
 Sample : VY1223SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBL01

Quant Time: Dec 24 04:49:44 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	279784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	515807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.48	117	464433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200839	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150498	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	7.72	113	150999	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.18	98	604804	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.48	95	203079	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

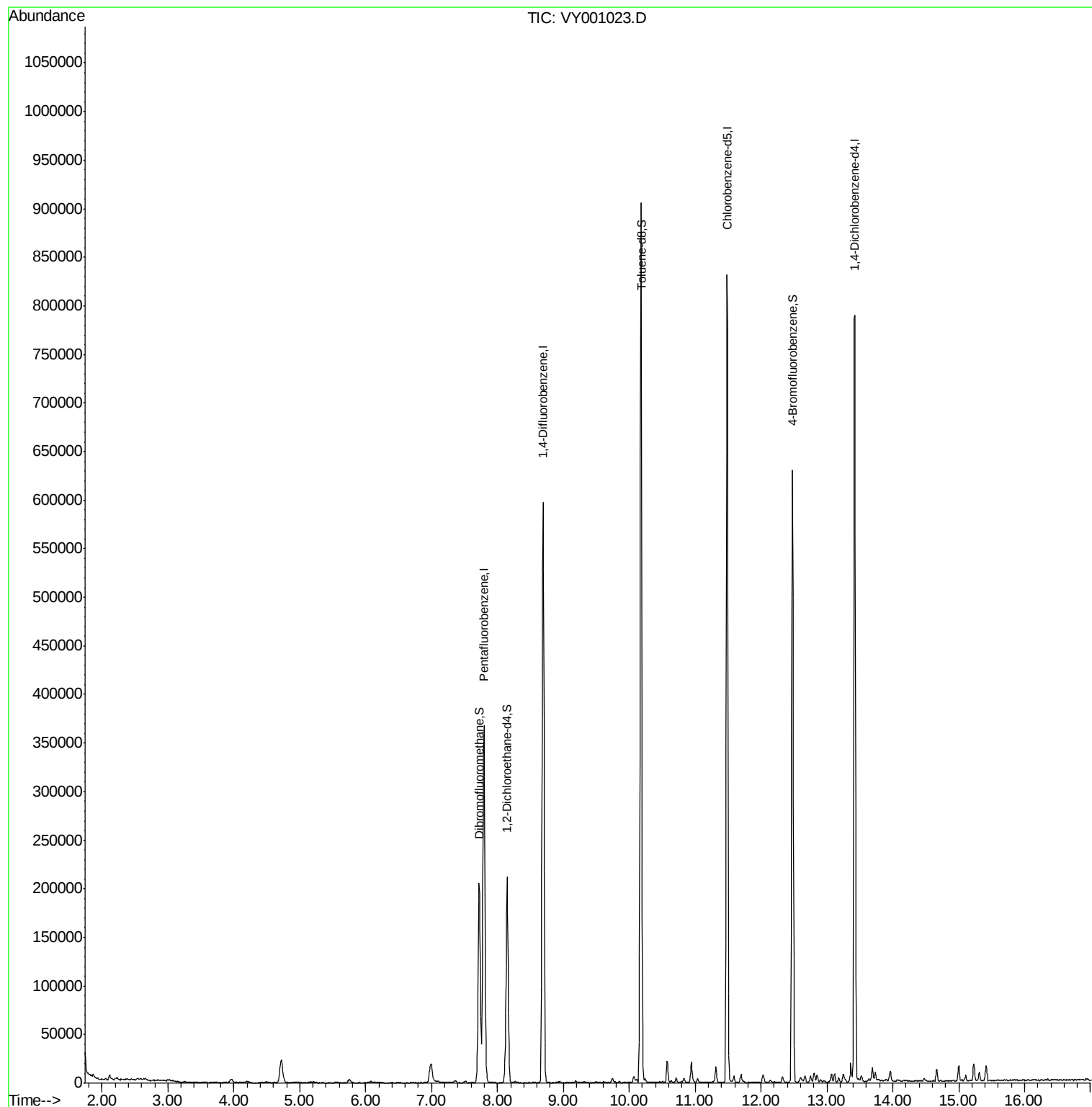
Target Compounds	Qvalue

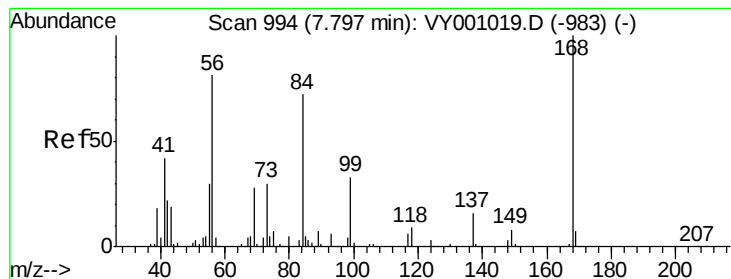
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001023.D

Acq: 23 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

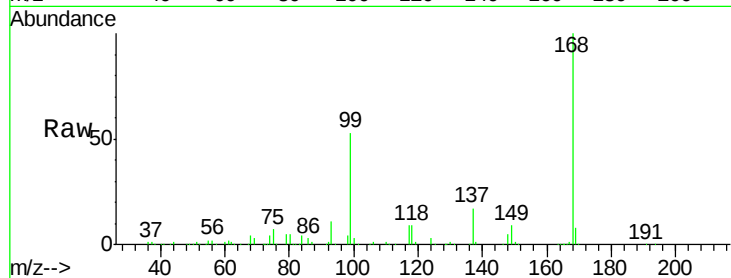
VY1223SBL01

Tot Ion:168 Resp: 279784

Ion Ratio Lower Upper

168 100

99 52.8 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

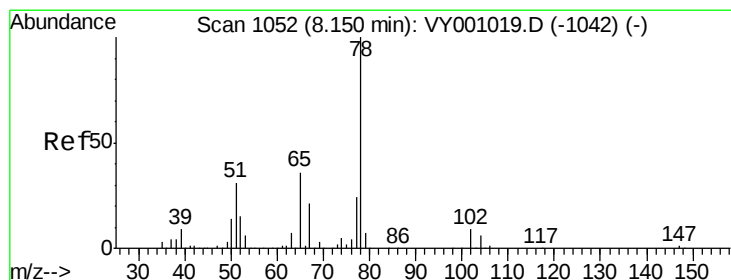
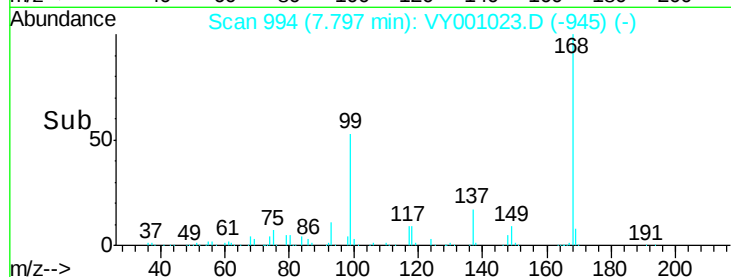
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.539 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001023.D

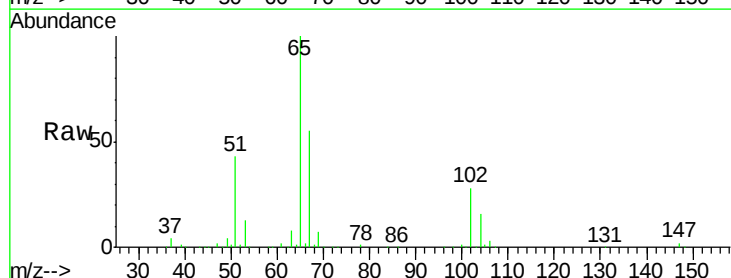
Acq: 23 Dec 2019 13:03

Tgt Ion: 65 Resp: 150498

Ion Ratio Lower Upper

65 100

67 57.0 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

80000

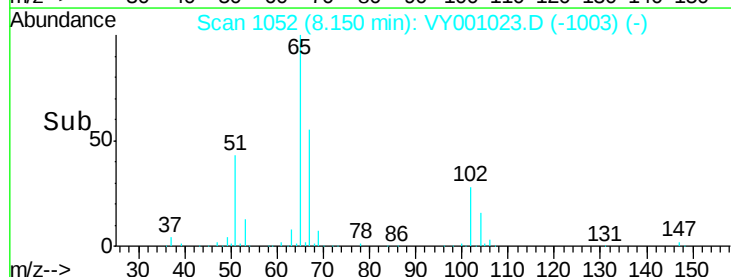
60000

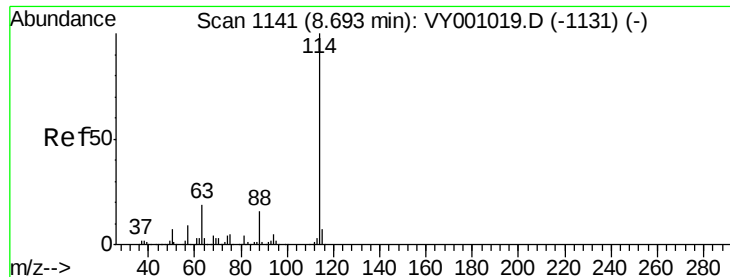
40000

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: VY001023.D

Acq: 23 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBL01

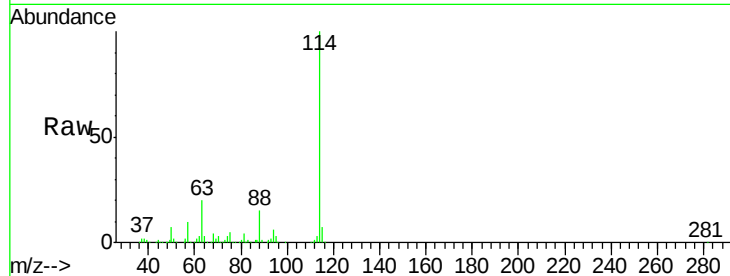
Tot Ion:114 Resp: 515807

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

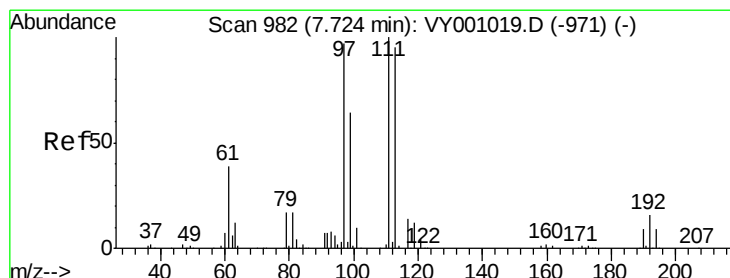
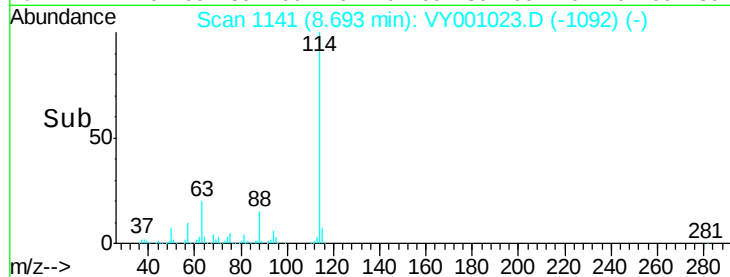
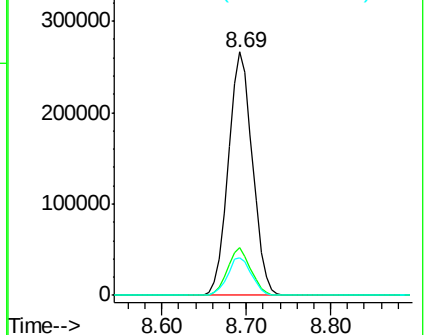
88 15.4 0.0 32.0



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: 49.714 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY001023.D

Acq: 23 Dec 2019 13:03

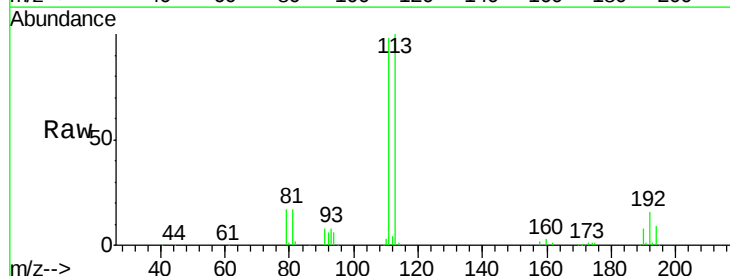
Tgt Ion:113 Resp: 150999

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

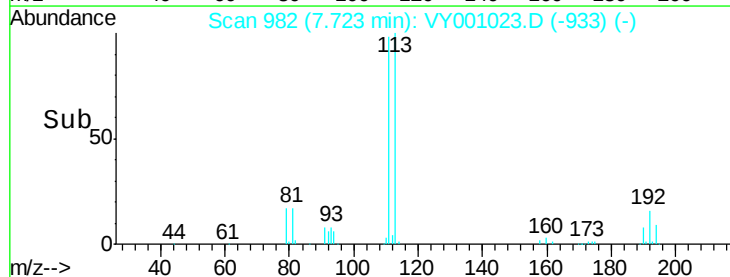
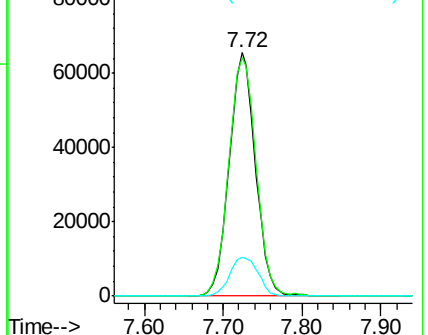
192 17.4 14.6 21.8

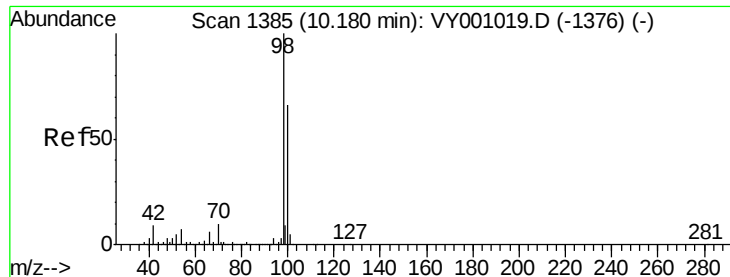


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.953 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001023.D

Acq: 23 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

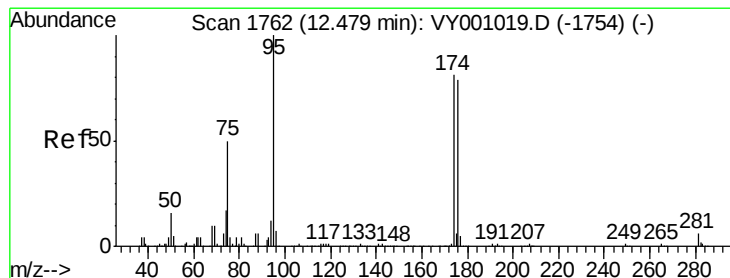
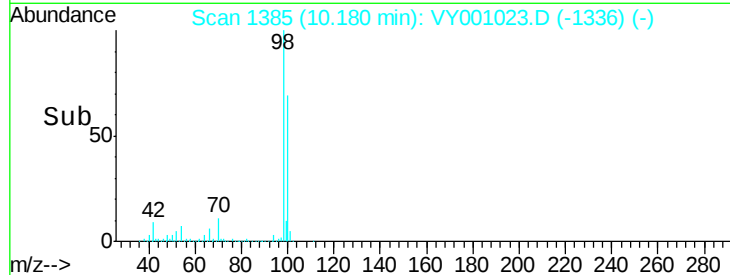
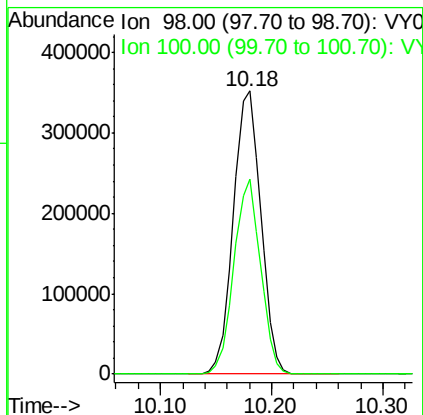
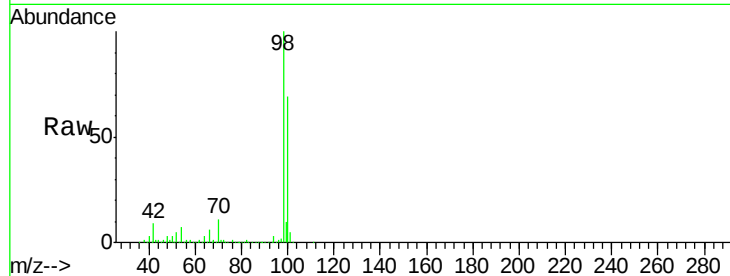
VY1223SBL01

Tot Ion: 98 Resp: 604804

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 46.794 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001023.D

Acq: 23 Dec 2019 13:03

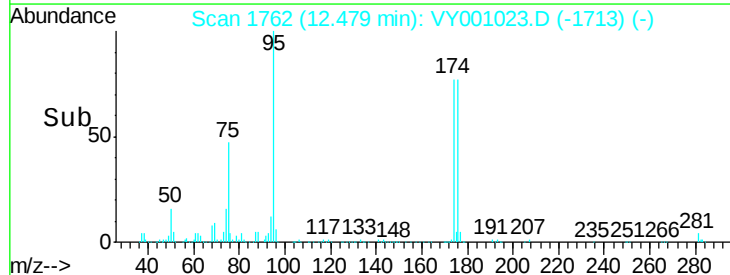
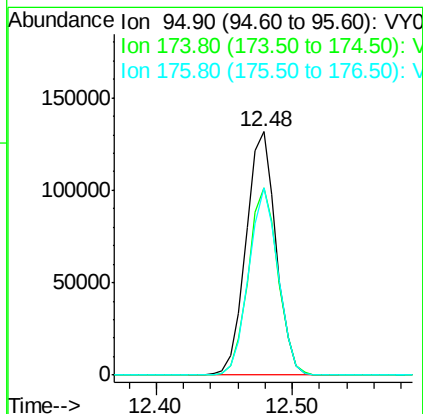
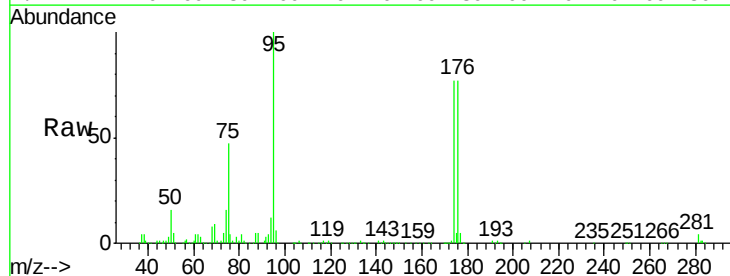
Tgt Ion: 95 Resp: 203079

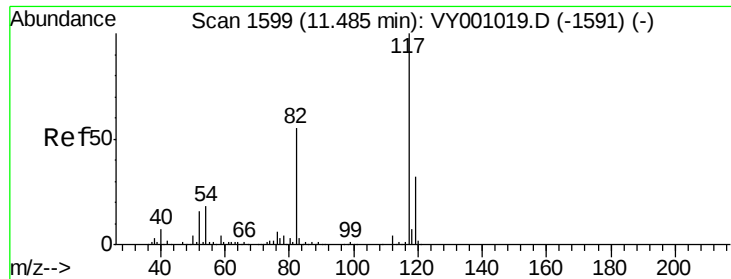
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.4

176 75.4 0.0 155.0

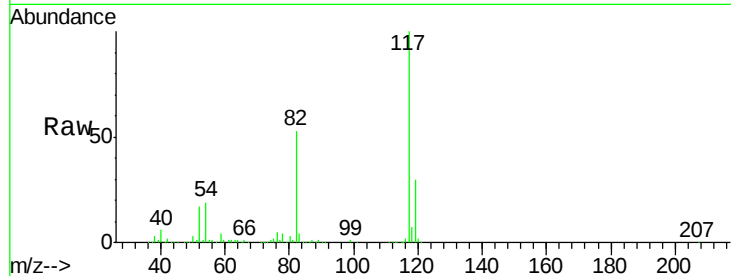




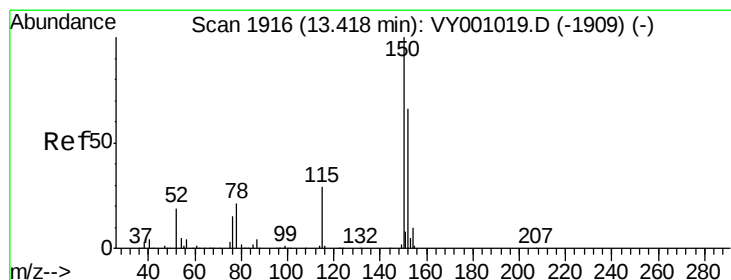
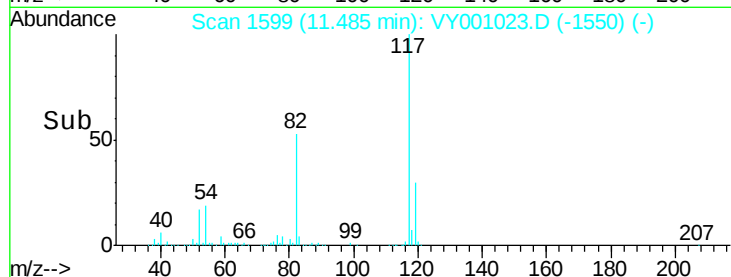
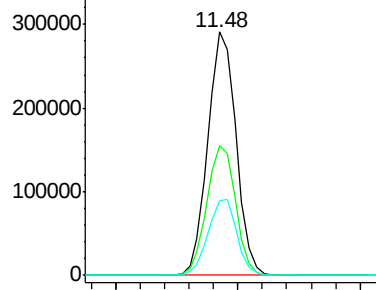
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	30.4	25.8	38.6

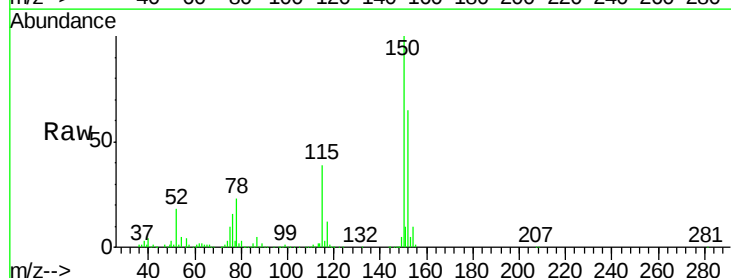


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001023.D
Acq: 23 Dec 2019 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	159.4	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

