

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000292.D
 Acq On : 14 Oct 2019 12:20
 Operator : SY/MD
 Sample : VY1014SBL01
 Misc : 5.00g/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBL01

Quant Time: Oct 15 01:36:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	532799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	463178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	167095	50.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.00%	
35) Dibromofluoromethane	7.73	113	149541	46.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.06%	
50) Toluene-d8	10.19	98	611006	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.49	95	212868	45.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.64%	

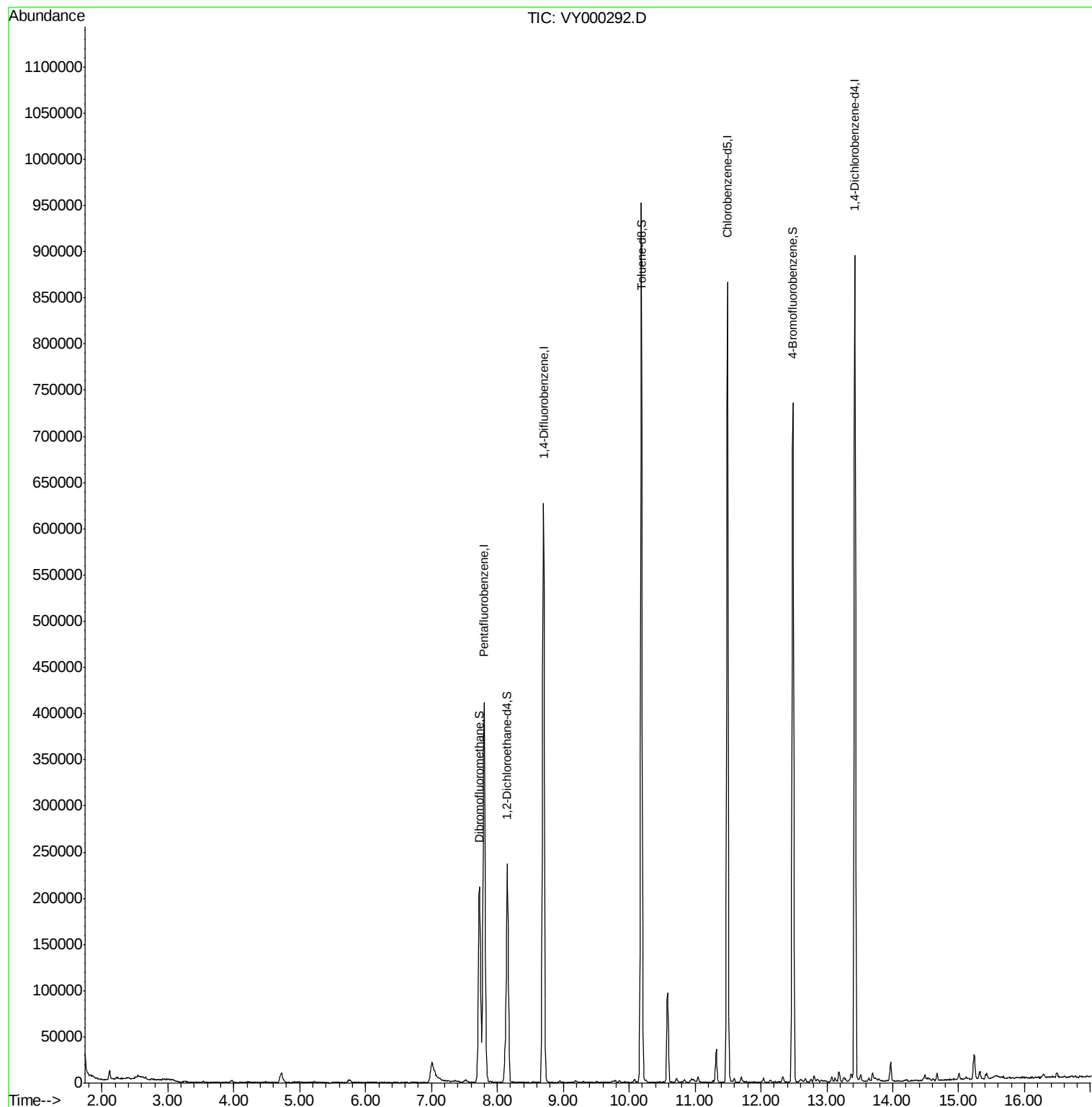
Target Compounds	Qvalue

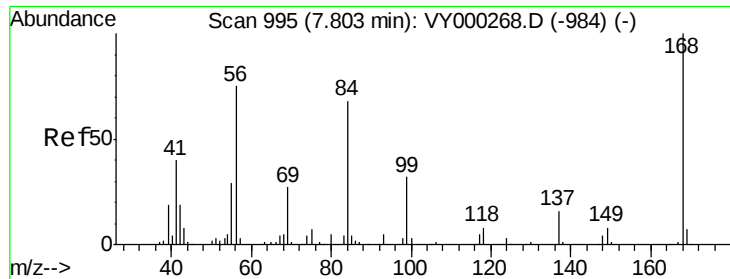
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000292.D

Acq: 14 Oct 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

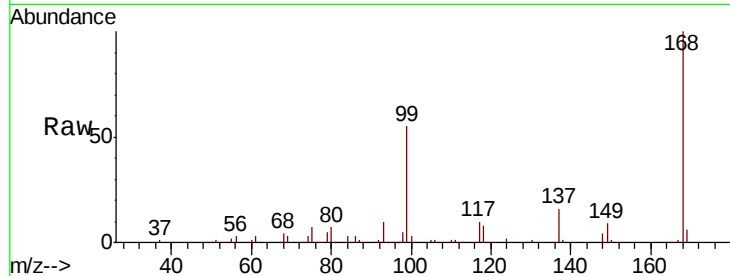
VY1014SBL01

Tot Ion:168 Resp: 316792

Ion Ratio Lower Upper

168 100

99 55.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000292.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000292.D (-946) (-)

7.80

150000

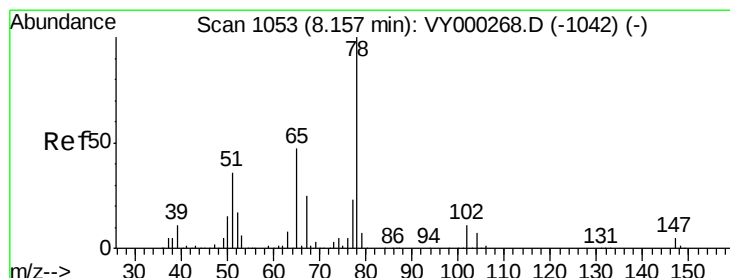
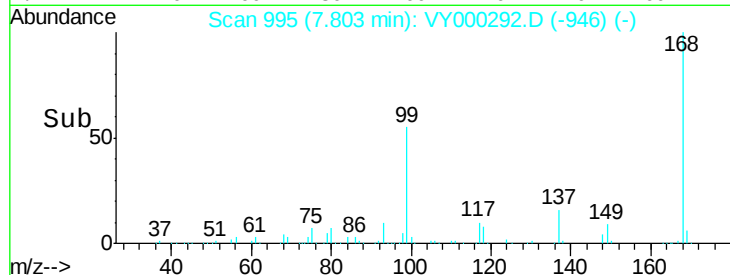
100000

50000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 50.004 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000292.D

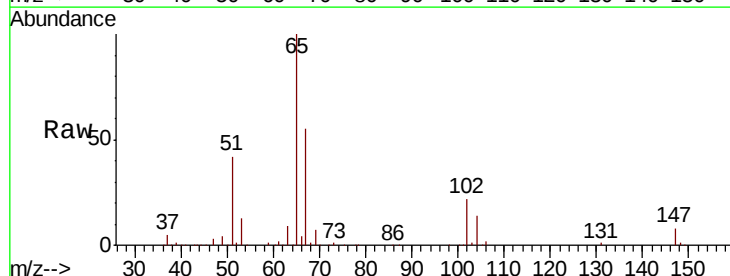
Acq: 14 Oct 2019 12:20

Tgt Ion: 65 Resp: 167095

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000292.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000292.D (-1004) (-)

8.15

80000

60000

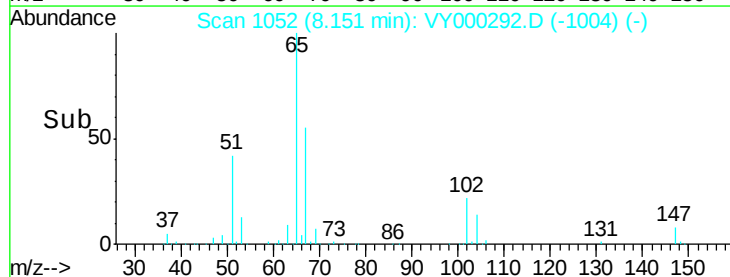
40000

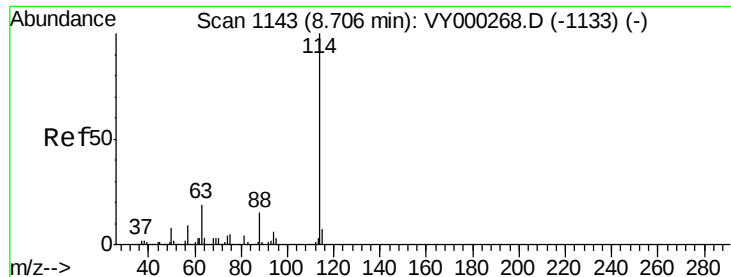
20000

0

Time-->

8.00 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000292.D

Acq: 14 Oct 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBL01

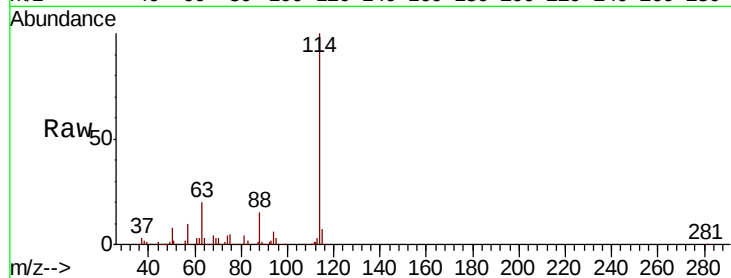
Tot Ion:114 Resp: 532799

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.2

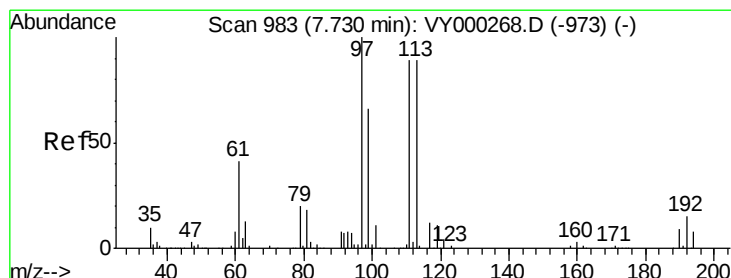
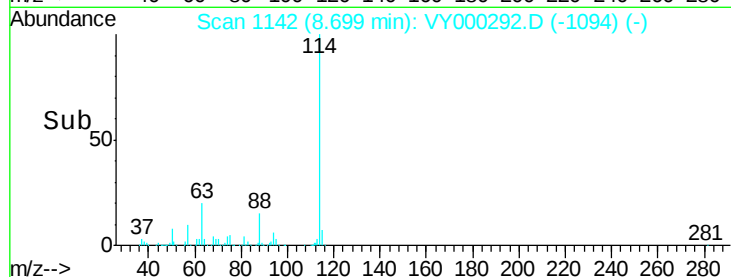
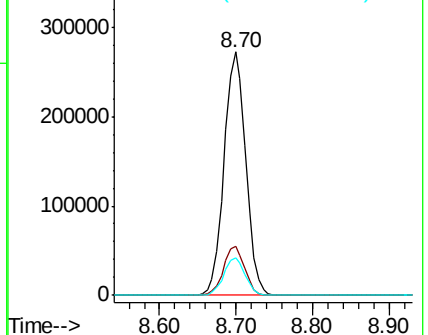
88 15.5 0.0 30.2



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: 46.530 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000292.D

Acq: 14 Oct 2019 12:20

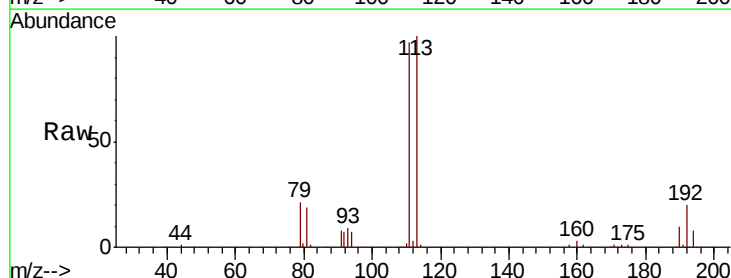
Tgt Ion:113 Resp: 149541

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

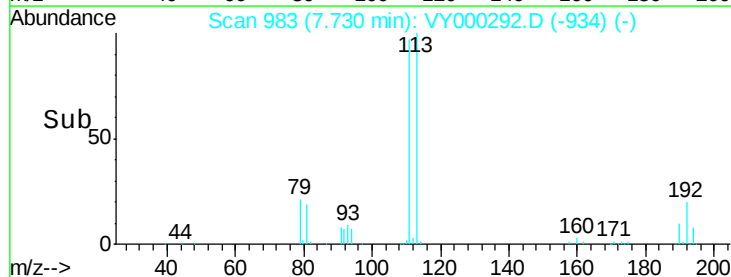
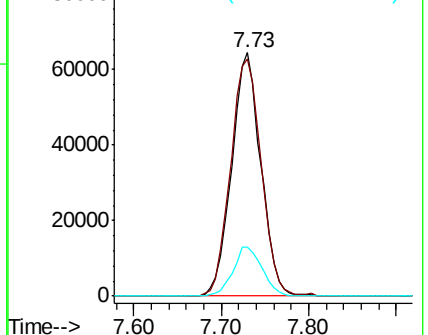
192 20.2 15.3 22.9

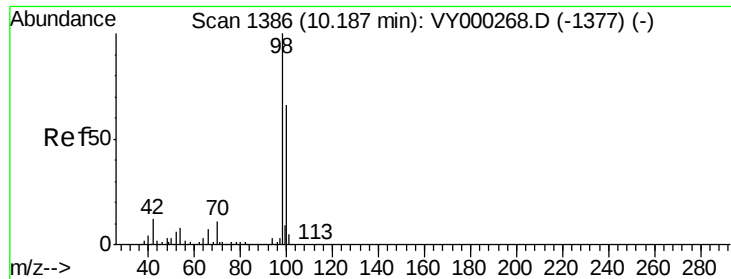


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.422 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000292.D

Acq: 14 Oct 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

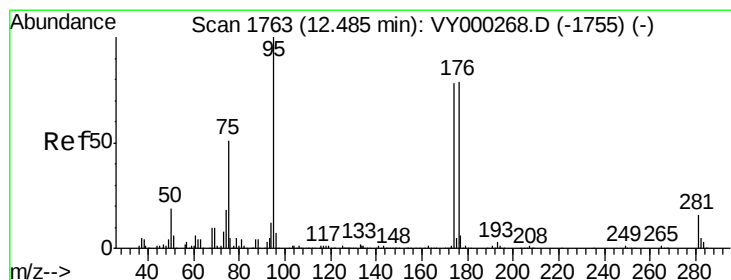
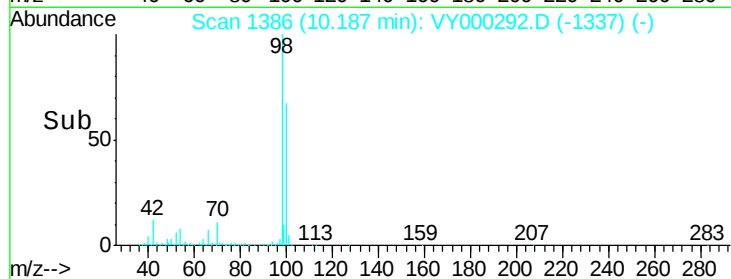
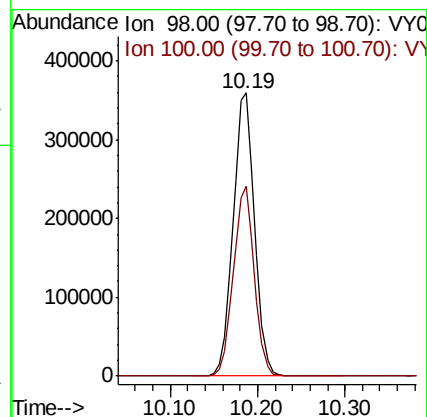
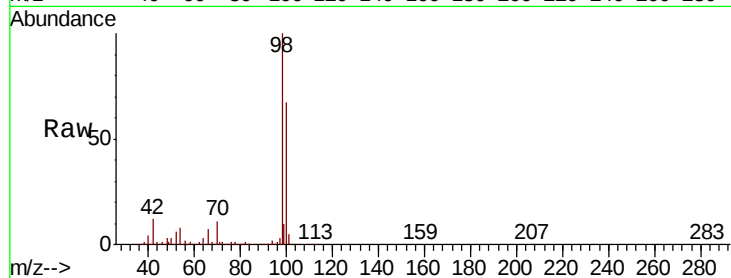
VY1014SBL01

Tot Ion: 98 Resp: 611006

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 45.322 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000292.D

Acq: 14 Oct 2019 12:20

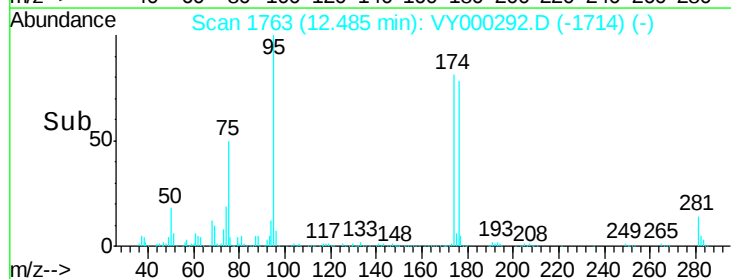
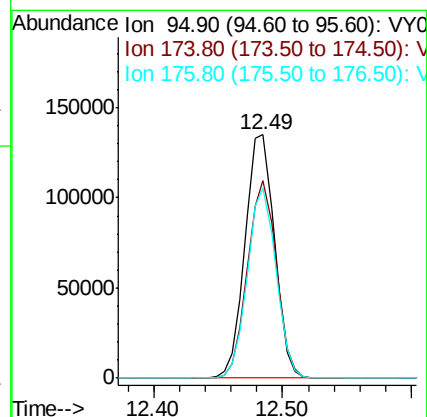
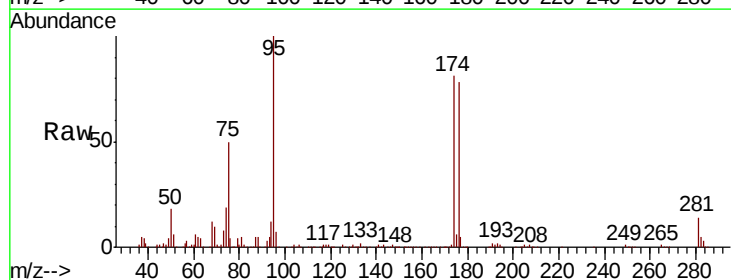
Tgt Ion: 95 Resp: 212868

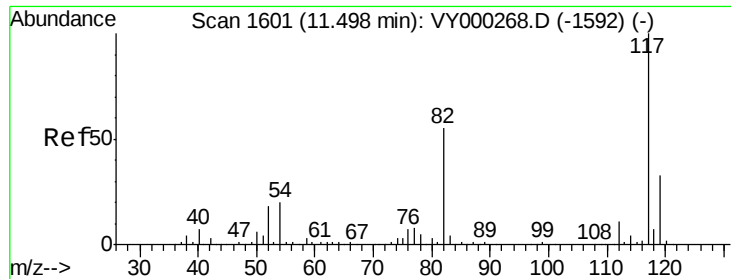
Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

176 75.9 0.0 153.8

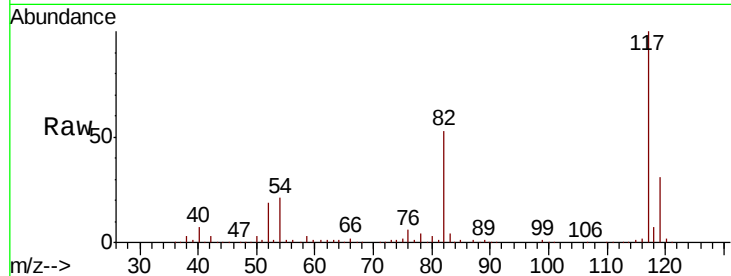




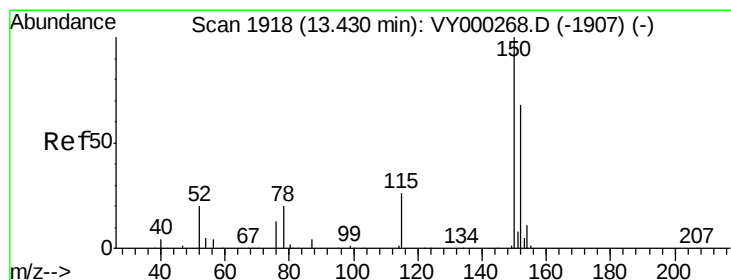
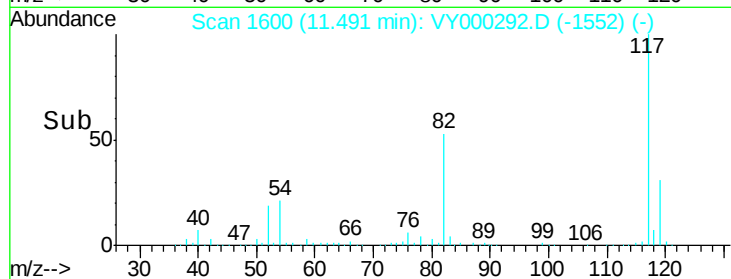
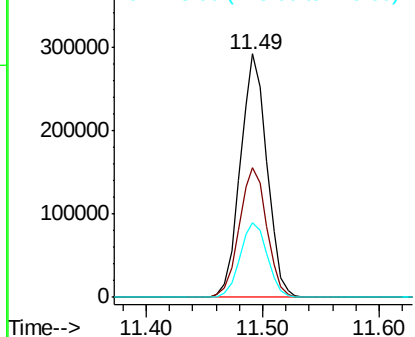
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000292.D
Acq: 14 Oct 2019 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tot Ion:117 Resp: 463178
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 30.7 26.6 39.8

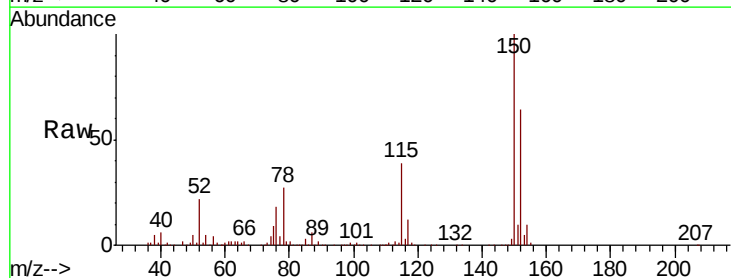


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000292.D
Acq: 14 Oct 2019 12:20

Tgt Ion:152 Resp: 216817
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 156.9 0.0 348.4



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

