

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000836.D
 Acq On : 03 Dec 2019 12:21
 Operator : SY/MD
 Sample : K5675-09
 Misc : 5.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112619

Quant Time: Dec 03 12:43:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	6833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	12394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	5278	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	5440	74.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	149.84%	
35) Dibromofluoromethane	7.72	113	2689	37.23	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	74.46%	
50) Toluene-d8	10.17	98	14417	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.48	95	5837	53.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.64%	

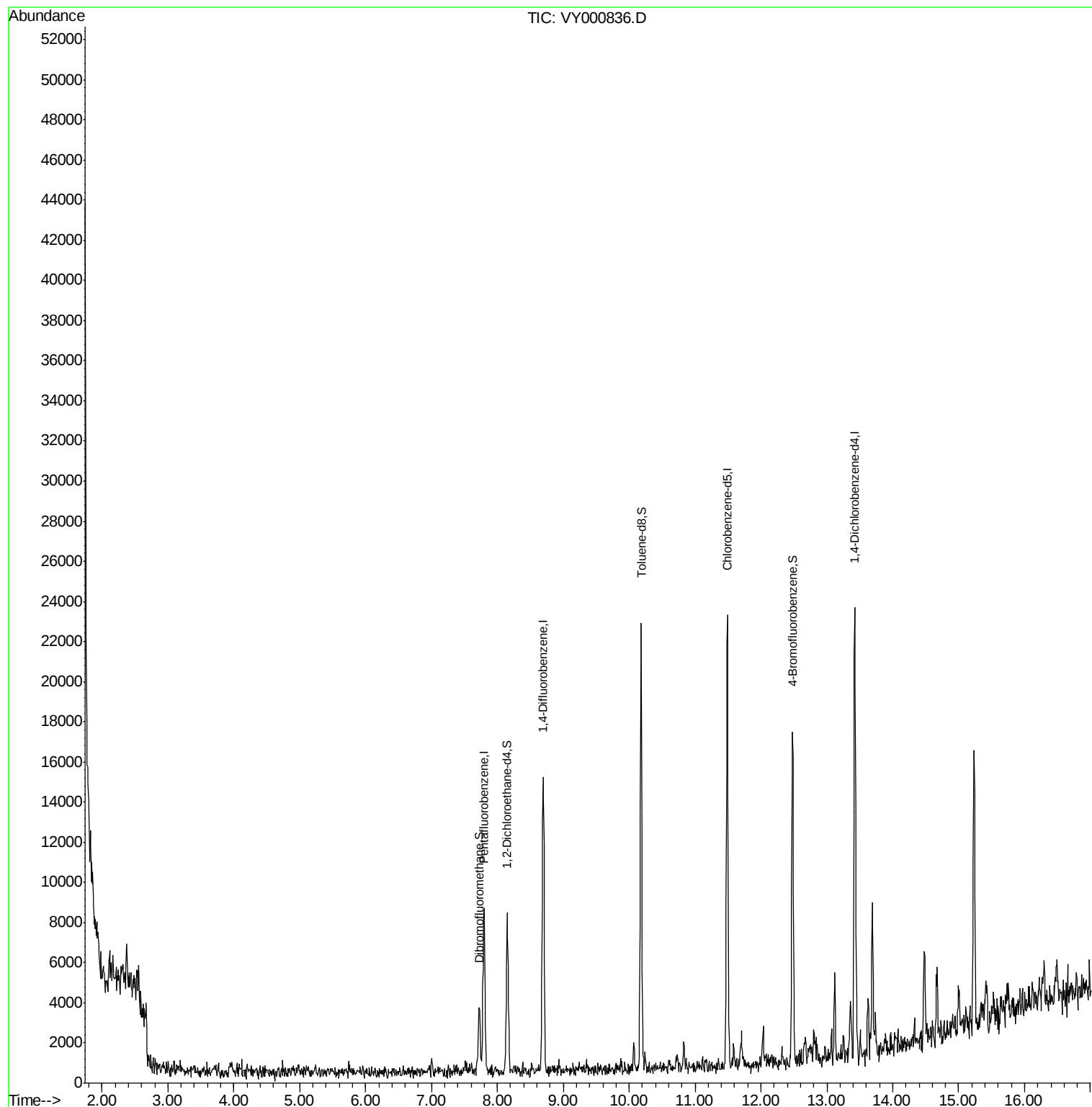
Target Compounds	Qvalue

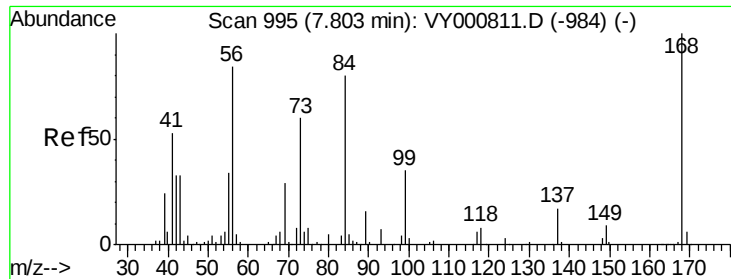
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000836.D

Acq: 03 Dec 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

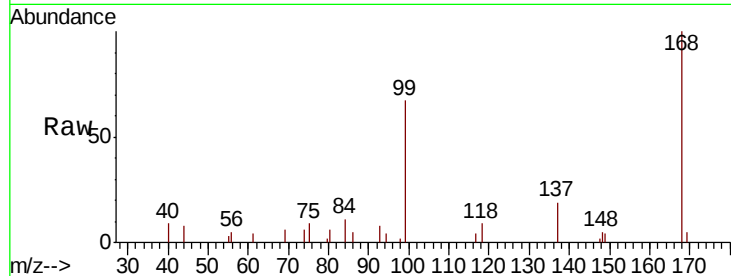
TR-05-112619

Tot Ion:168 Resp: 6833

Ion Ratio Lower Upper

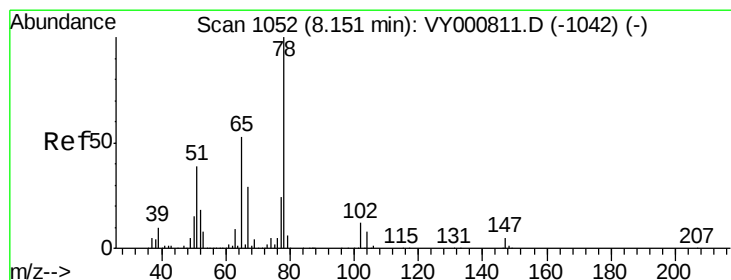
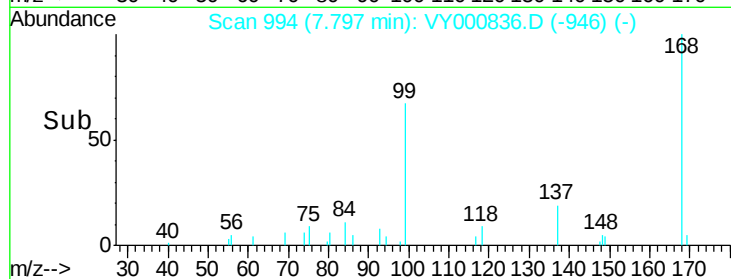
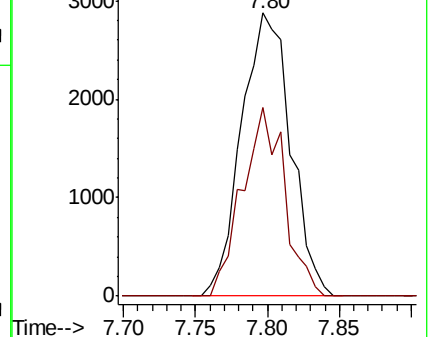
168 100

99 66.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 74.925 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000836.D

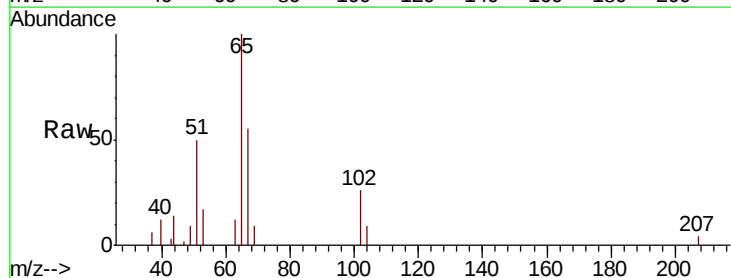
Acq: 03 Dec 2019 12:21

Tgt Ion: 65 Resp: 5440

Ion Ratio Lower Upper

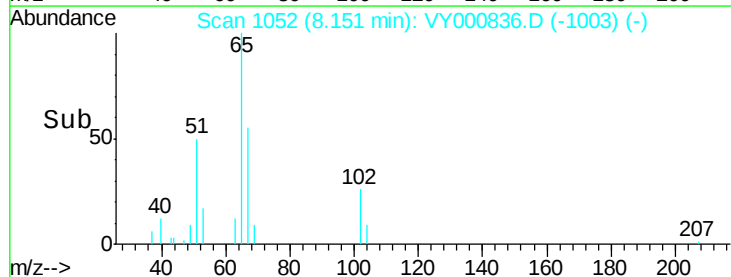
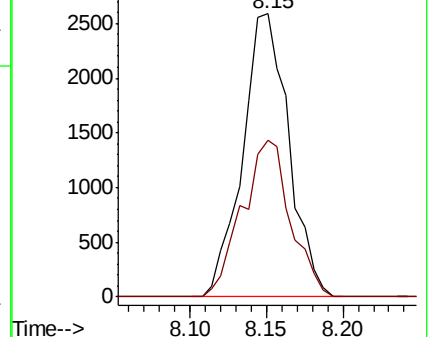
65 100

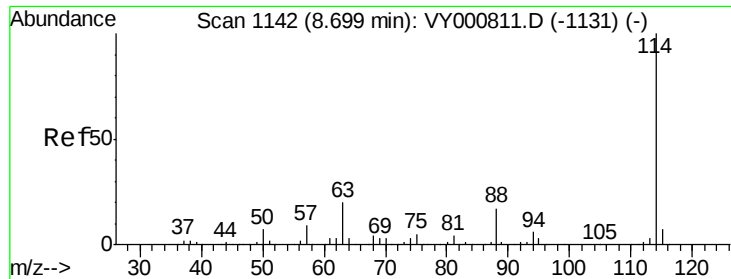
67 57.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

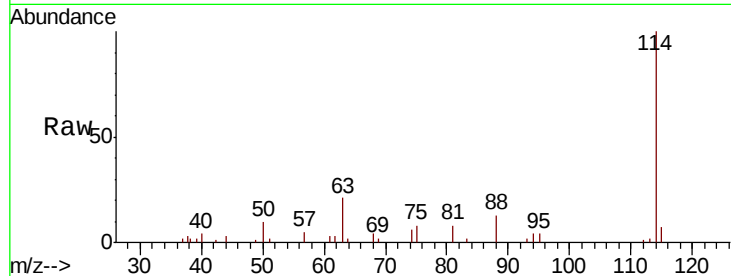




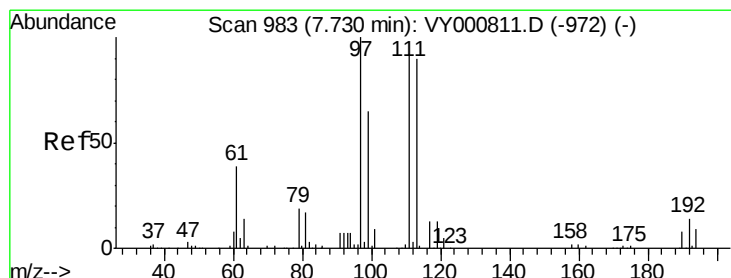
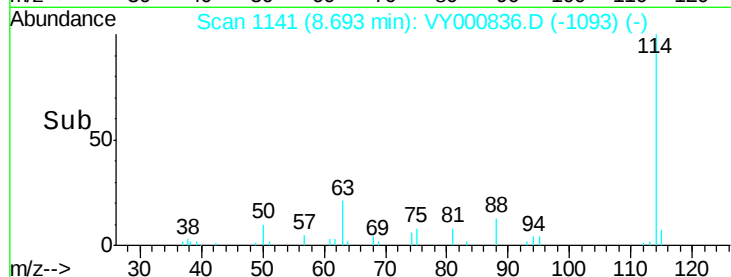
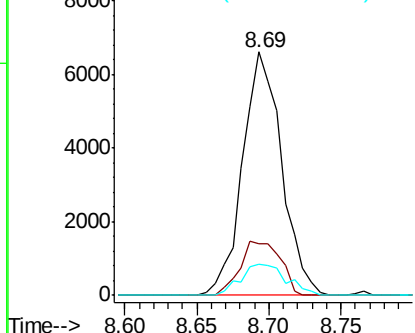
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000836.D
Acq: 03 Dec 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619

Tot Ion:114 Resp: 12394
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.8
88 12.9 0.0 33.2

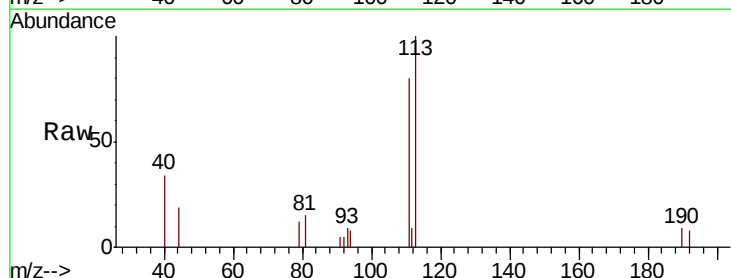


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

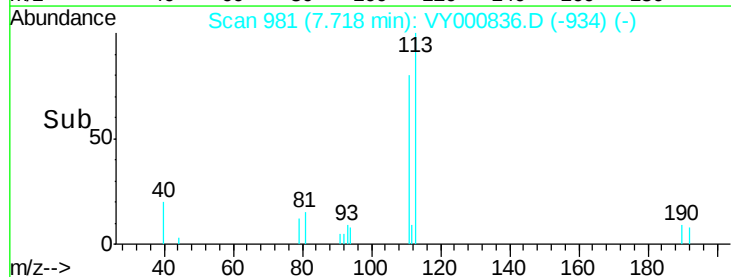
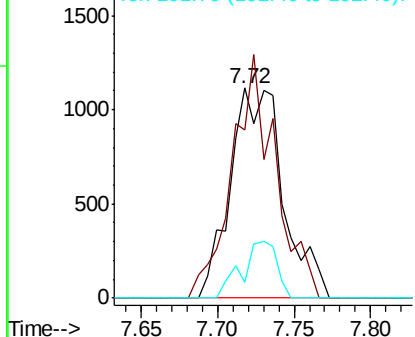


#35
Dibromofluoromethane
Concen: 37.227 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY000836.D
Acq: 03 Dec 2019 12:21

Tgt Ion:113 Resp: 2689
Ion Ratio Lower Upper
113 100
111 94.2 82.4 123.6
192 17.7 14.2 21.2



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: 49.924 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000836.D

Acq: 03 Dec 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

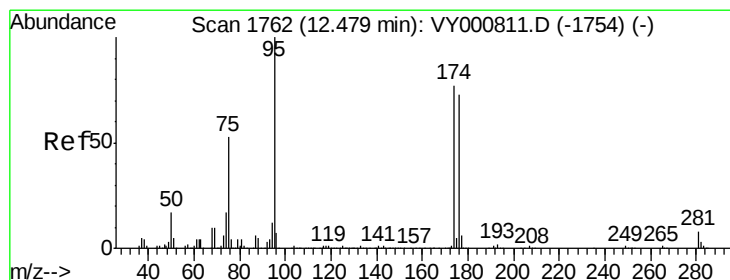
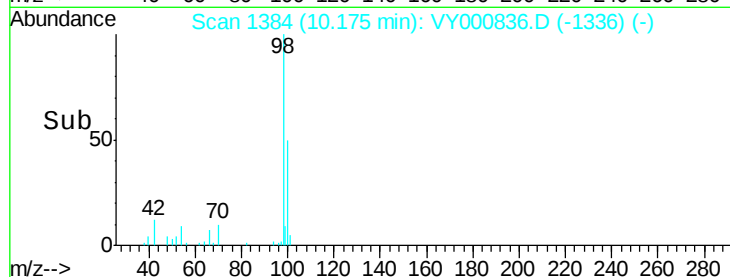
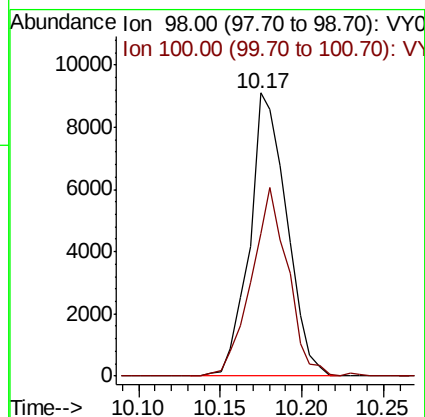
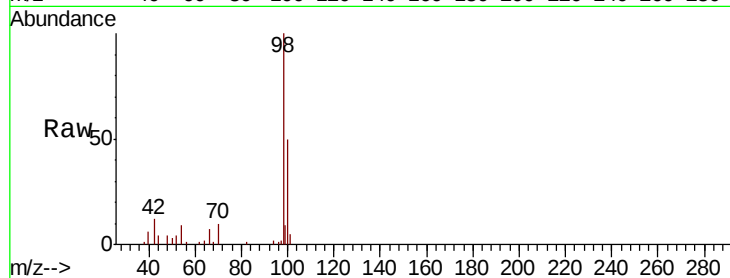
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Tot Ion: 98 Resp: 14417

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.821 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000836.D

Acq: 03 Dec 2019 12:21

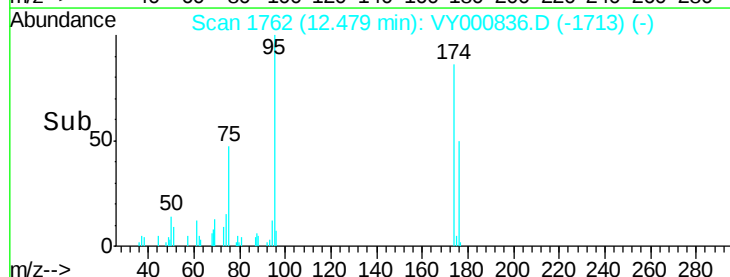
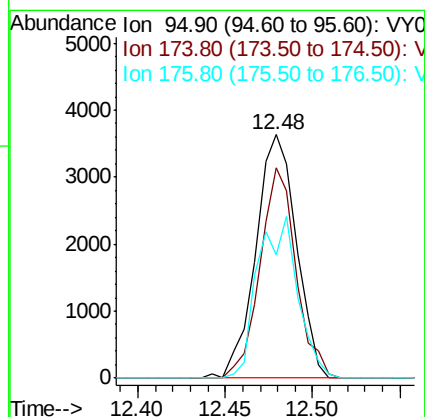
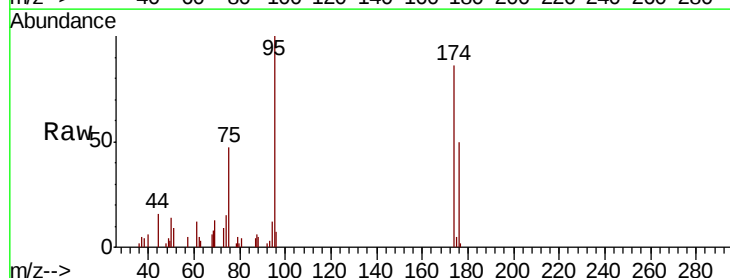
Tgt Ion: 95 Resp: 5837

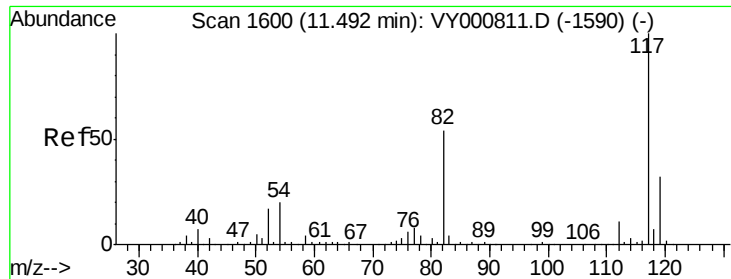
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 65.1 0.0 145.2

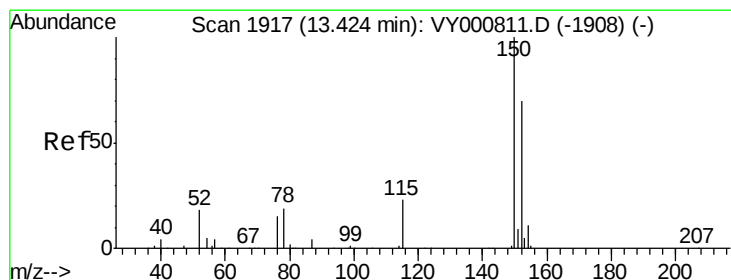
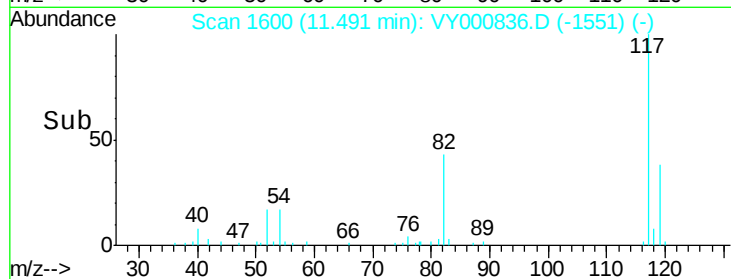
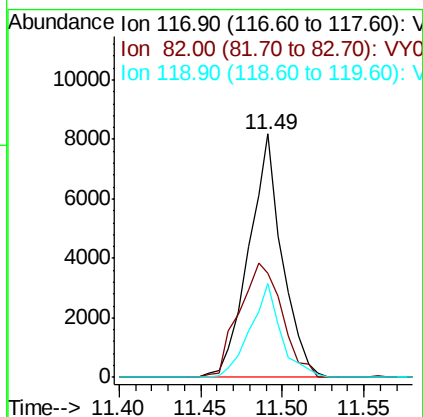
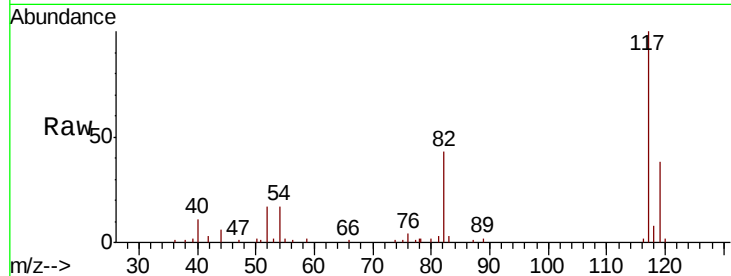




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000836.D
Acq: 03 Dec 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619

Tot Ion:117 Resp: 11644
Ion Ratio Lower Upper
117 100
82 43.0 43.1 64.7#
119 38.4 25.3 37.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000836.D
Acq: 03 Dec 2019 12:21

Tgt Ion:152 Resp: 5278
Ion Ratio Lower Upper
152 100
115 62.5 29.3 87.8
150 166.5 0.0 351.2

