

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000868.D
 Acq On : 04 Dec 2019 18:06
 Operator : SY/MD
 Sample : K6135-05
 Misc : 7.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-36

Quant Time: Dec 05 08:25:54 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	220725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	416344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	351598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136370	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
35) Dibromofluoromethane	7.73	113	120597	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.18	98	487575	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.48	95	147934	40.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.22%	

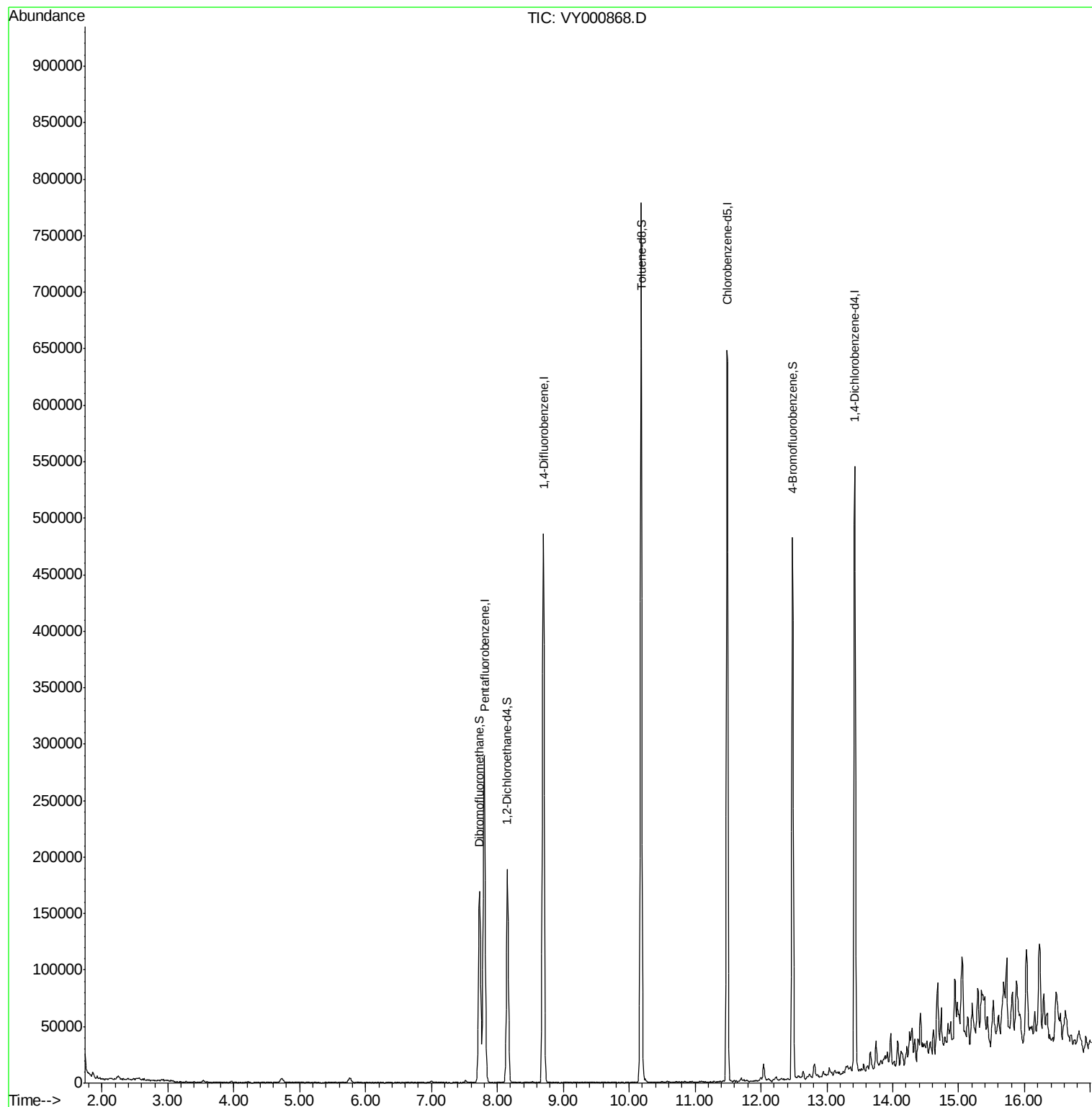
Target Compounds	Qvalue
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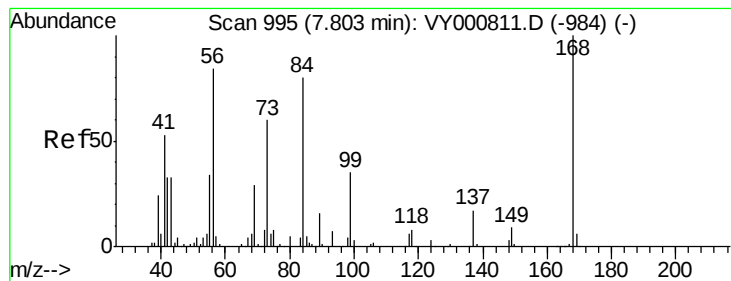
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000868.D

Acq: 04 Dec 2019 18:06

Instrument :

MSVOA_Y

ClientSampleId :

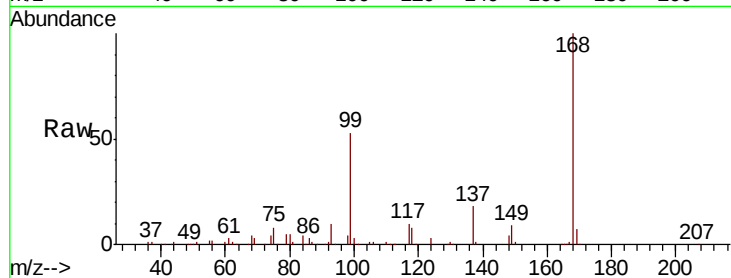
VOC-36

Tot Ion:168 Resp: 220725

Ion Ratio Lower Upper

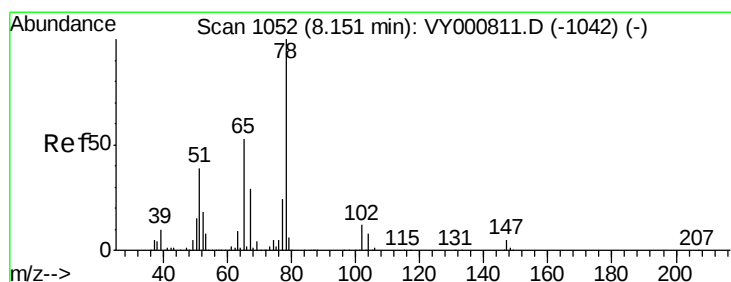
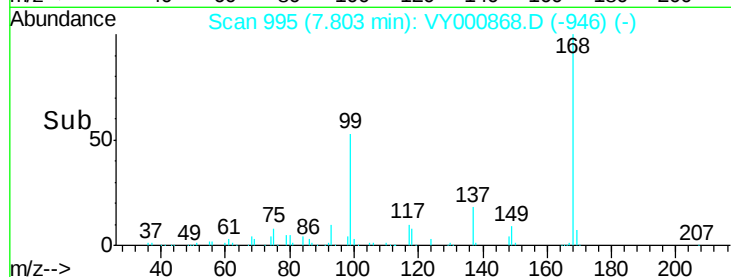
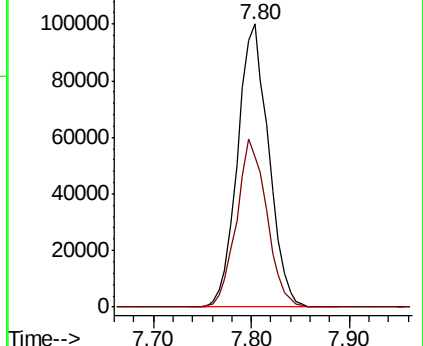
168 100

99 53.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000868.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000868.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.144 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000868.D

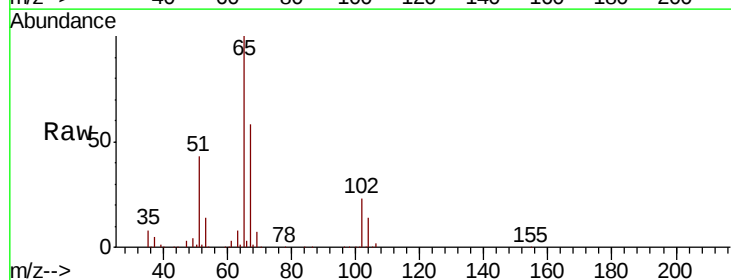
Acq: 04 Dec 2019 18:06

Tgt Ion: 65 Resp: 136370

Ion Ratio Lower Upper

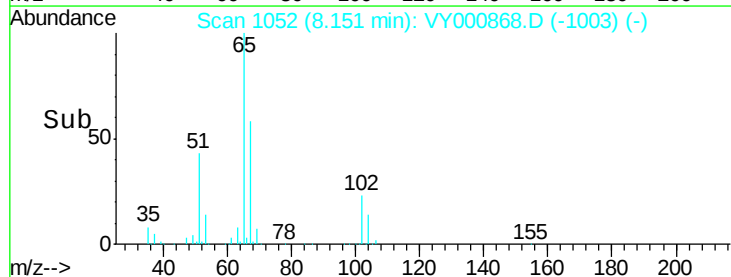
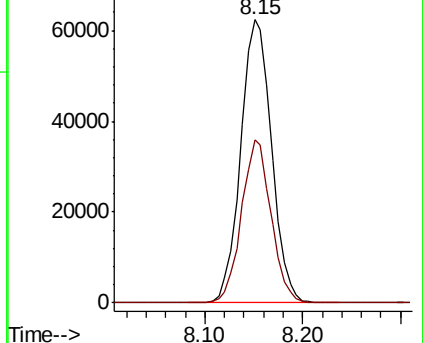
65 100

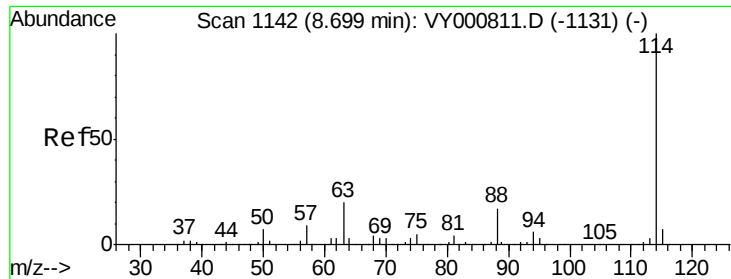
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000868.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000868.D (-1003) (-)

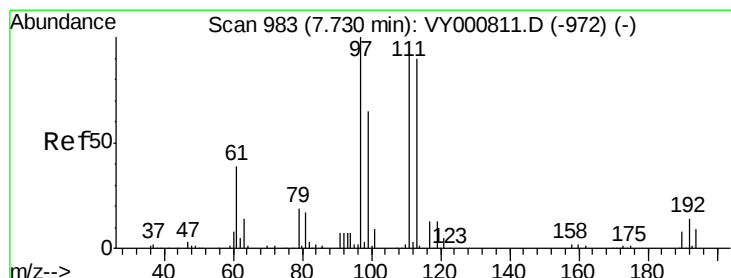
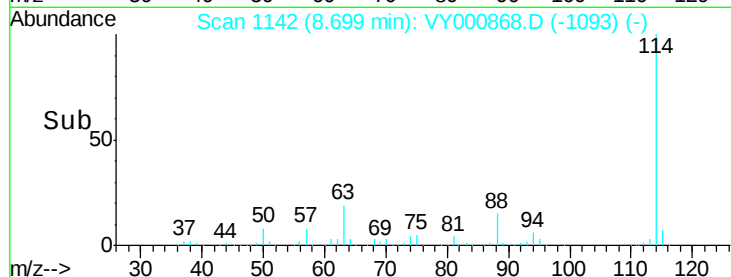
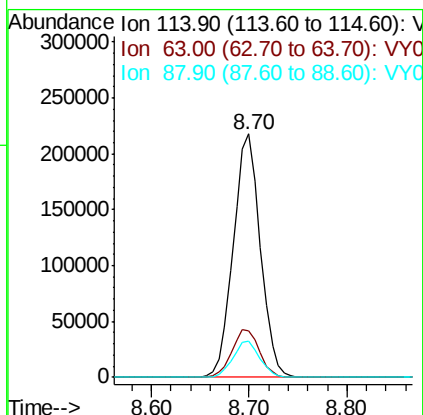
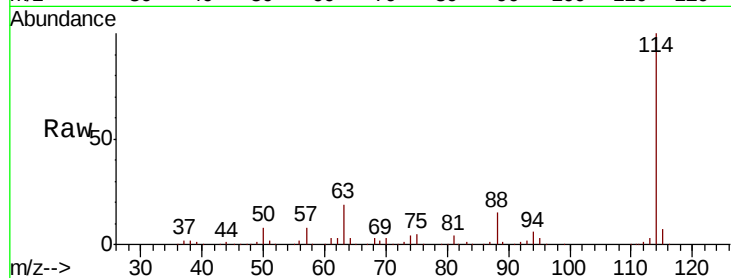




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000868.D
 Acq: 04 Dec 2019 18:06

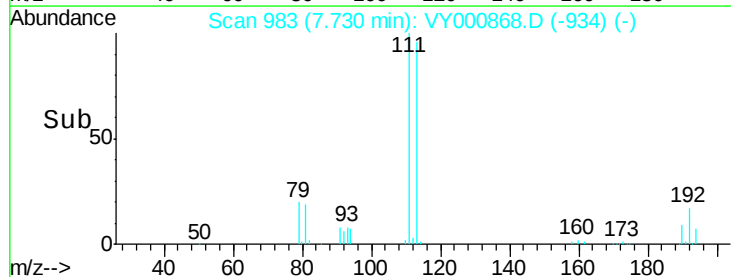
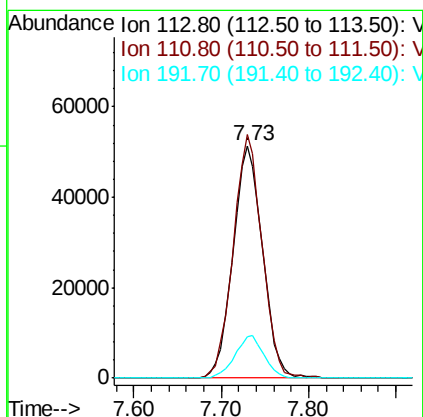
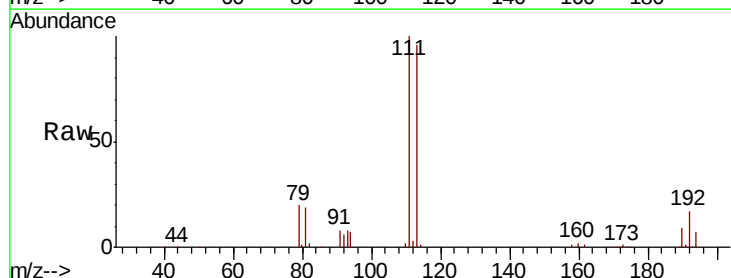
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-36

Tot Ion:114 Resp: 416344
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.0 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.701 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000868.D
 Acq: 04 Dec 2019 18:06

Tgt Ion:113 Resp: 120597
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 18.0 14.2 21.2





#50

Toluene-d8

Concen: 50.261 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000868.D

Acq: 04 Dec 2019 18:06

Instrument :

MSVOA_Y

ClientSampleId :

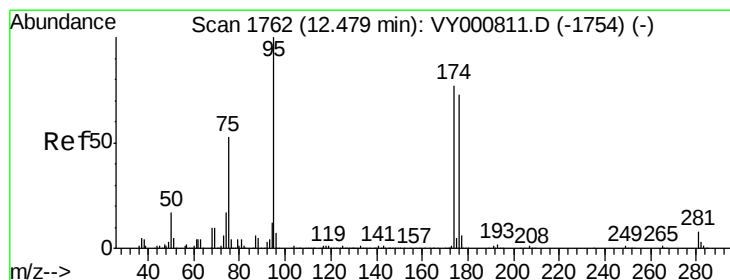
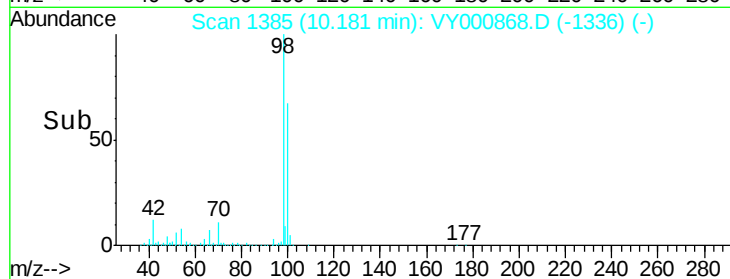
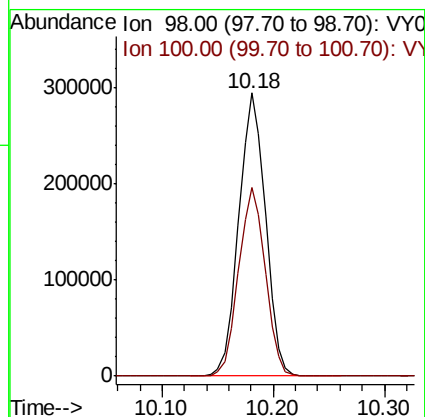
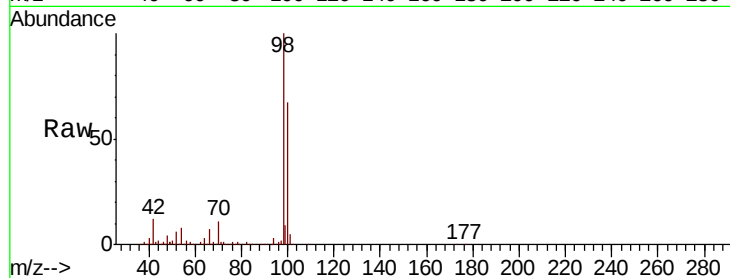
VOC-36

Tot Ion: 98 Resp: 487575

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000868.D

Acq: 04 Dec 2019 18:06

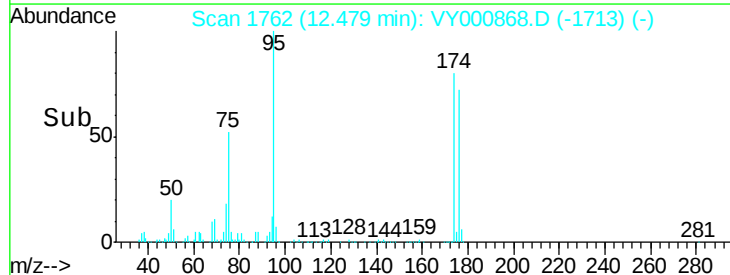
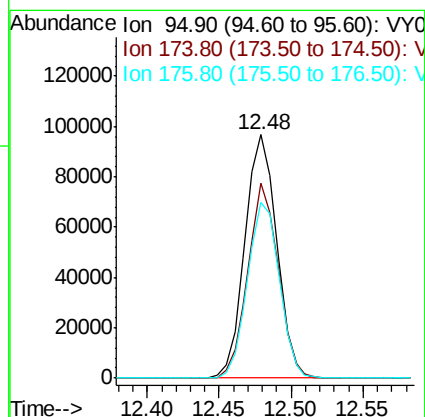
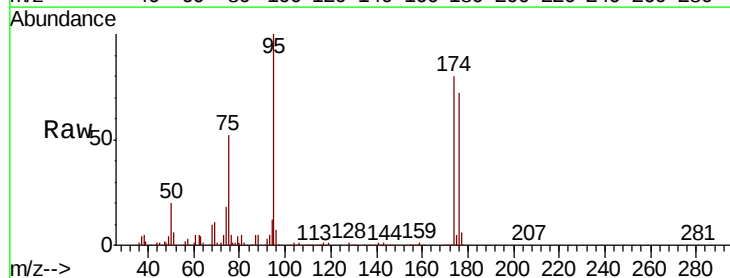
Tgt Ion: 95 Resp: 147934

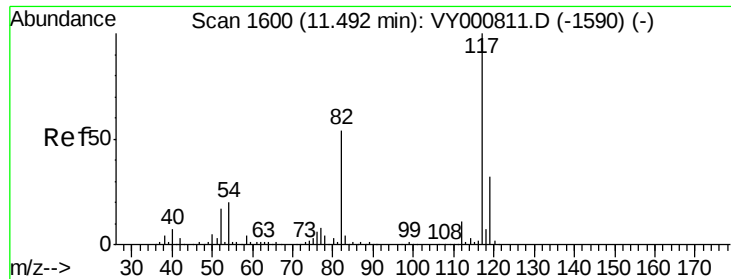
Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.6

176 72.4 0.0 145.2

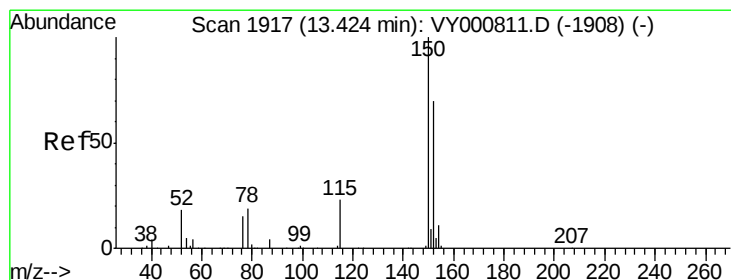
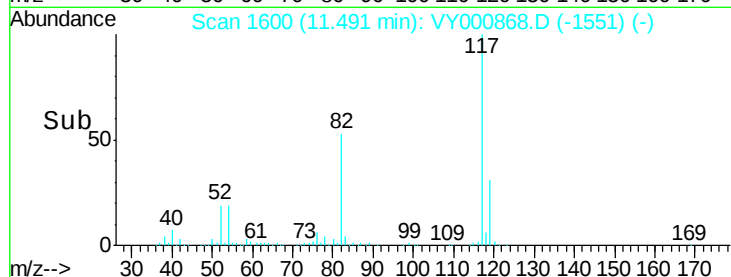
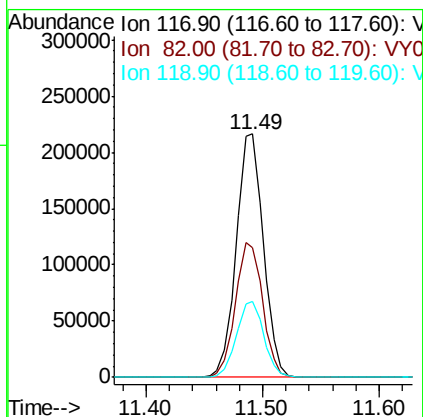
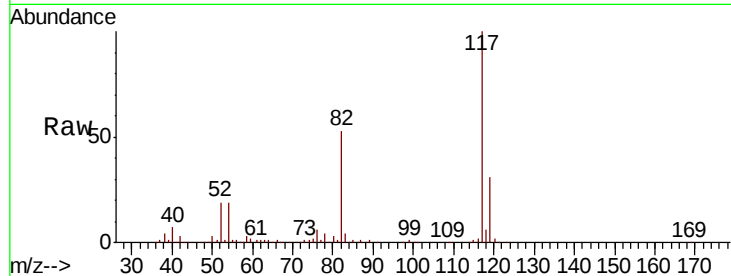




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000868.D
Acq: 04 Dec 2019 18:06

Instrument :
MSVOA_Y
ClientSampleId :
VOC-36

Tot Ion:117 Resp: 351598
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 31.0 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: VY000868.D
Acq: 04 Dec 2019 18:06

Tgt Ion:152 Resp: 133058
Ion Ratio Lower Upper
152 100
115 60.8 29.3 87.8
150 156.1 0.0 351.2

