

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013770.D
 Acq On : 28 Oct 2019 16:50
 Operator : SY/VA
 Sample : K5539-18
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 165-26-(1)

Quant Time: Oct 29 11:54:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	135707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118134	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
35) Dibromofluoromethane	7.88	113	122441	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.32	98	471661	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	138742	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	

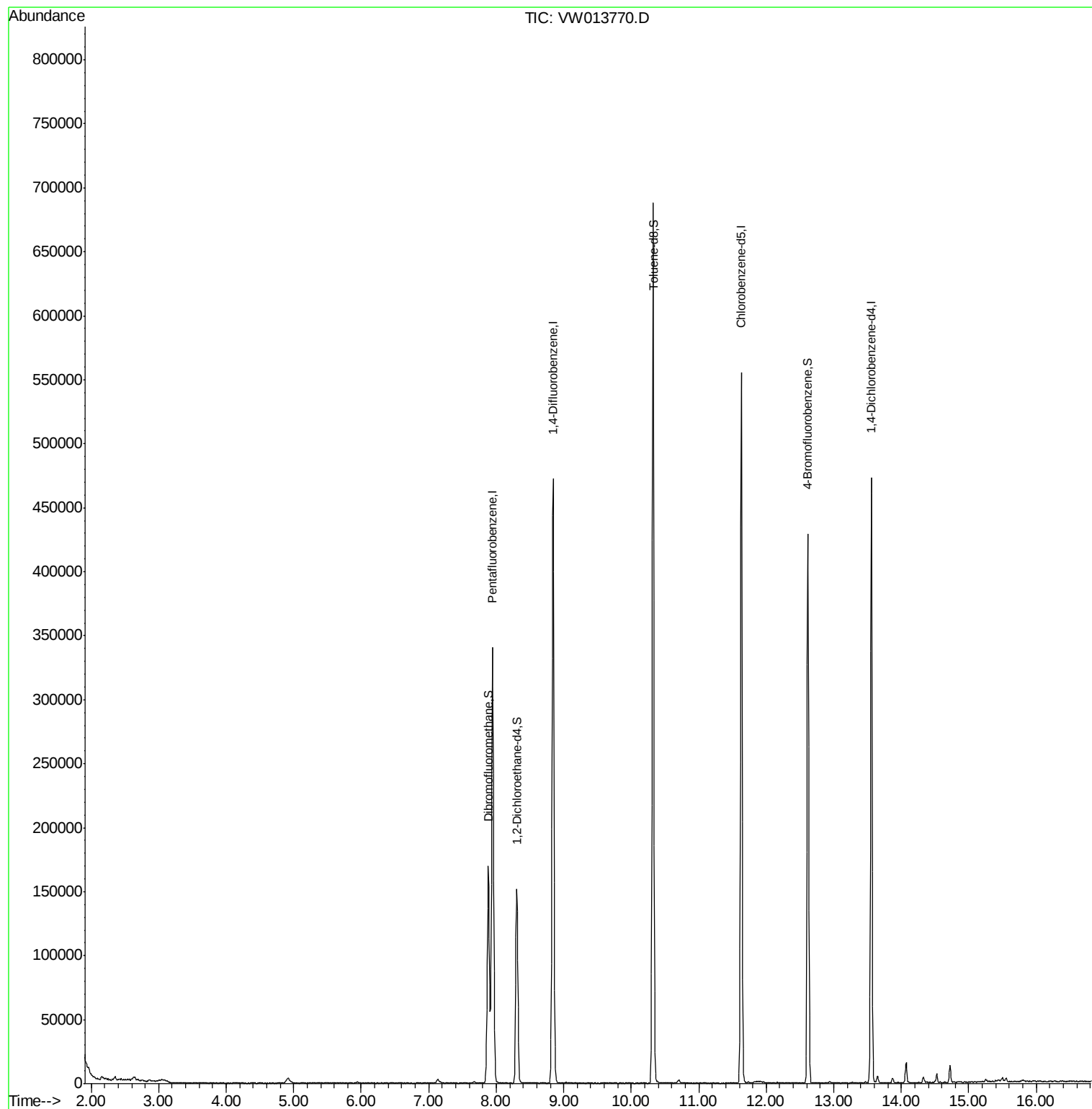
Target Compounds	Qvalue

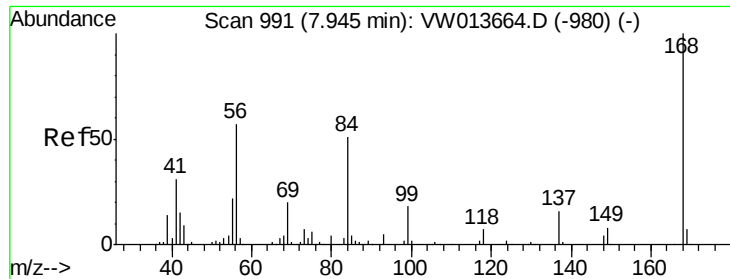
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

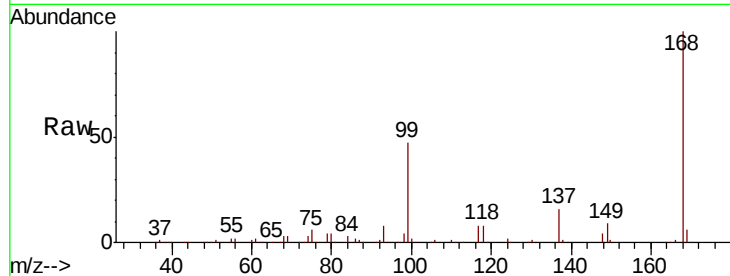
165-26-(1)

Tot Ion:168 Resp: 279921

Ion Ratio Lower Upper

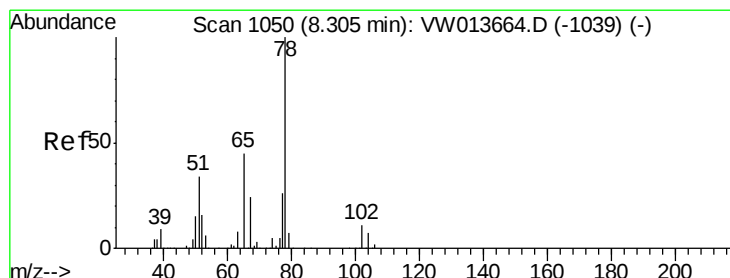
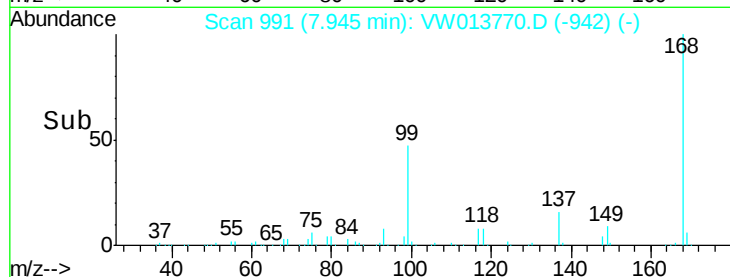
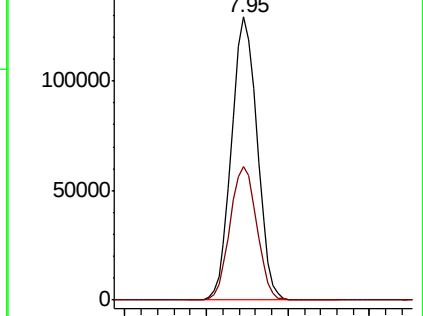
168 100

99 47.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.258 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013770.D

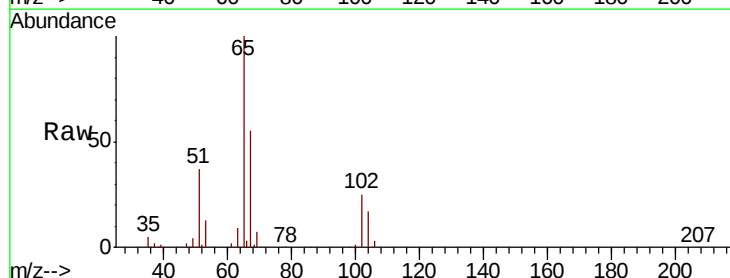
Acq: 28 Oct 2019 16:50

Tgt Ion: 65 Resp: 118134

Ion Ratio Lower Upper

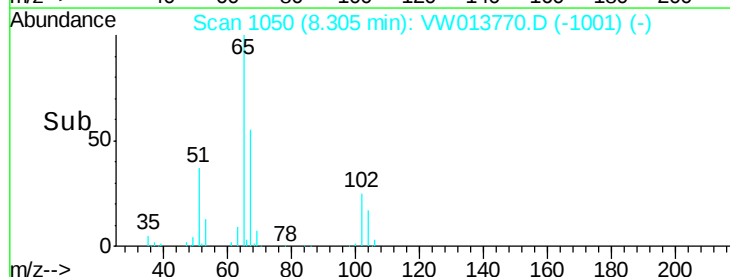
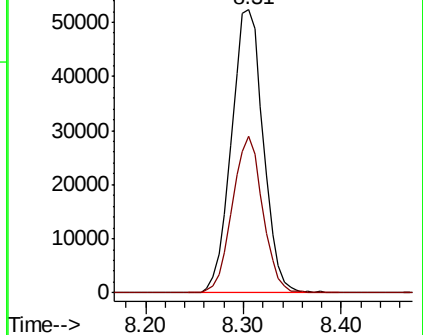
65 100

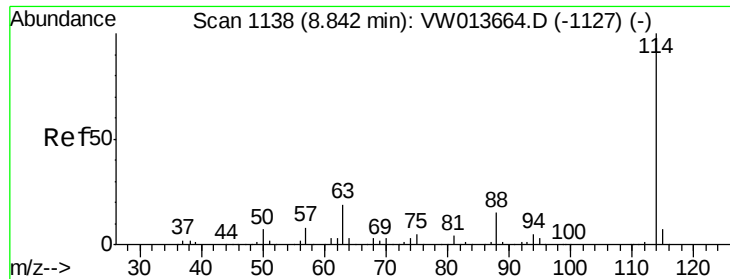
67 52.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

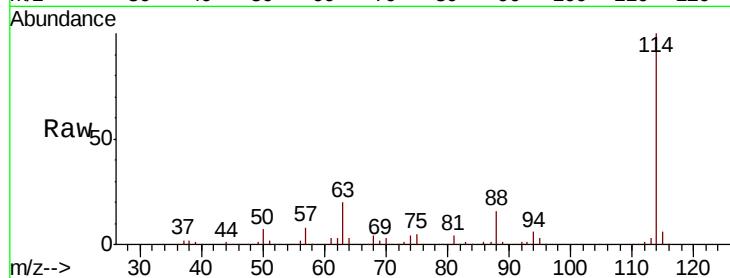




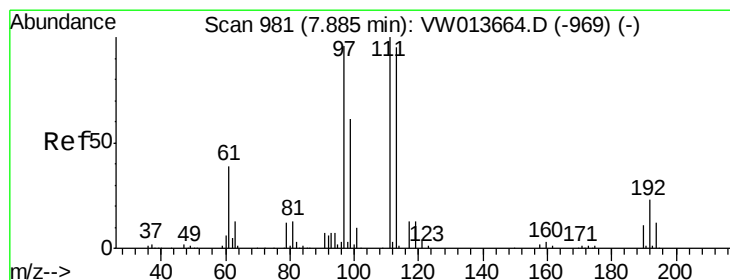
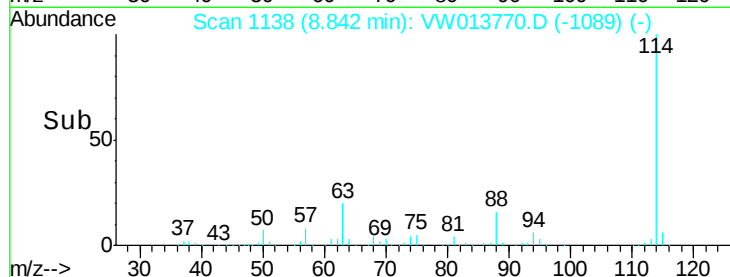
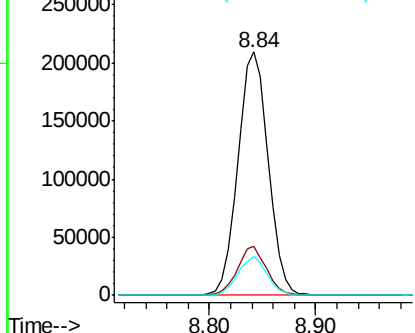
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013770.D
 Acq: 28 Oct 2019 16:50

Instrument :
 MSVOA_W
 ClientSampled :
 165-26-(1)

Tot Ion:114 Resp: 418921
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 16.2 0.0 30.2

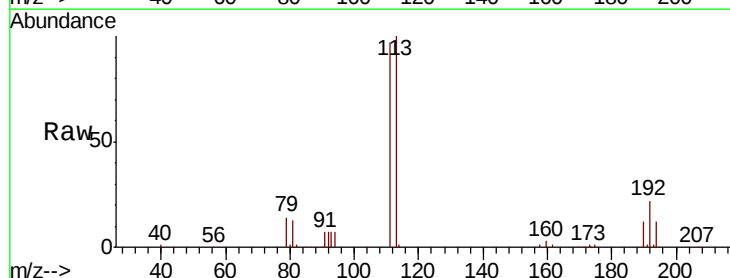


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

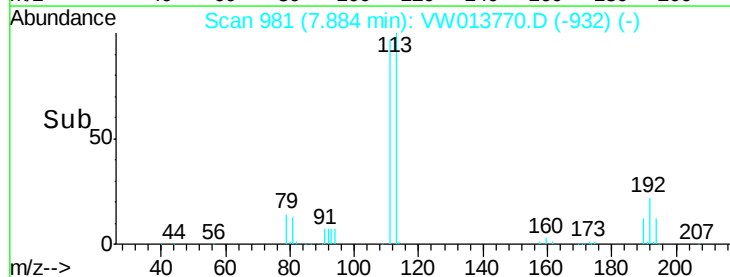
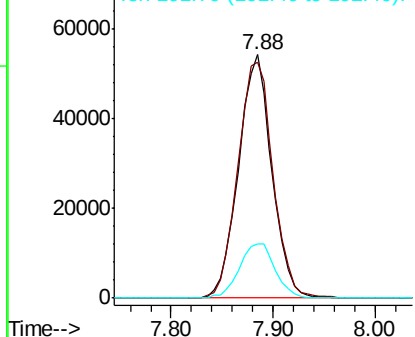


#35
 Dibromofluoromethane
 Concen: 52.600 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013770.D
 Acq: 28 Oct 2019 16:50

Tgt Ion:113 Resp: 122441
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.6
 192 24.1 19.4 29.2



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: 49.727 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

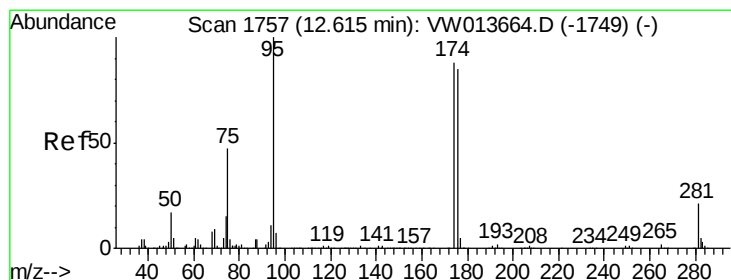
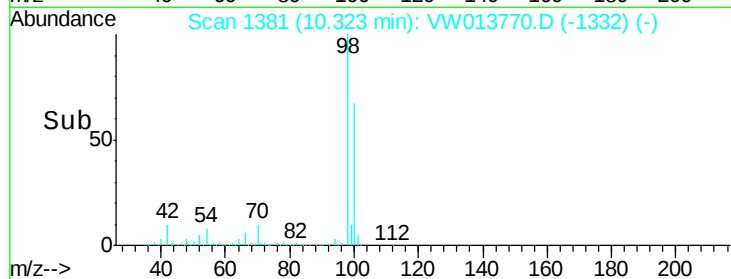
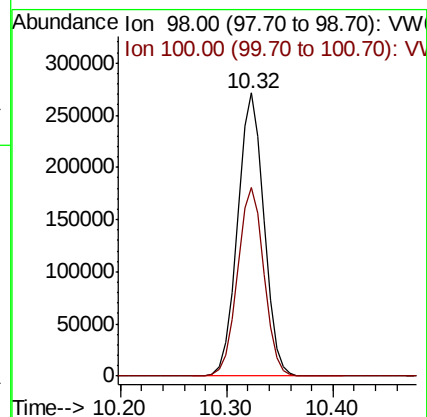
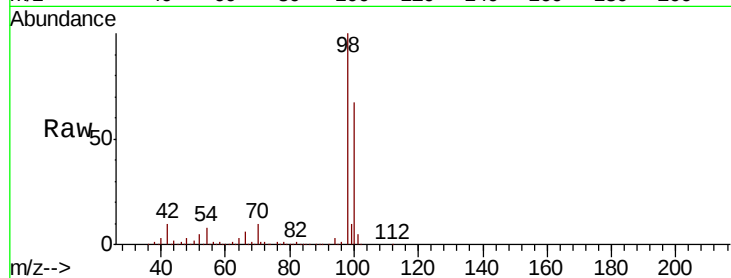
165-26-(1)

Tot Ion: 98 Resp: 471661

Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 43.200 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

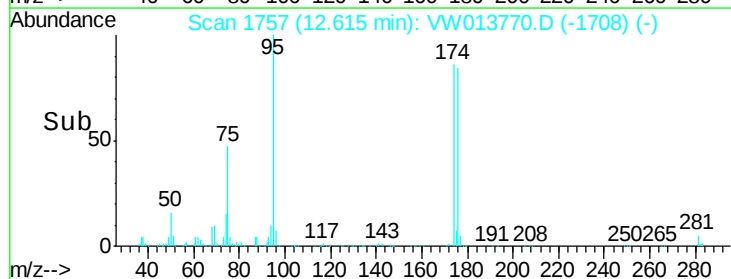
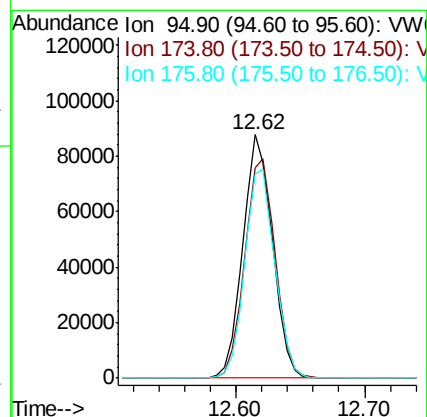
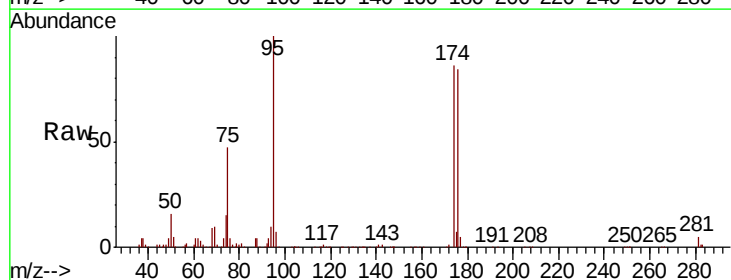
Tgt Ion: 95 Resp: 138742

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.6

176 87.2 0.0 178.0

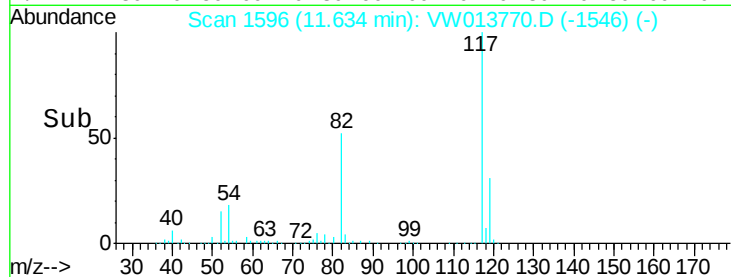
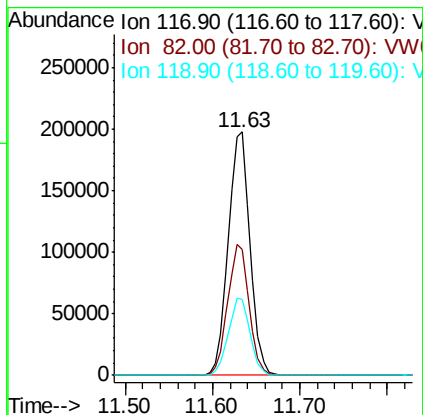
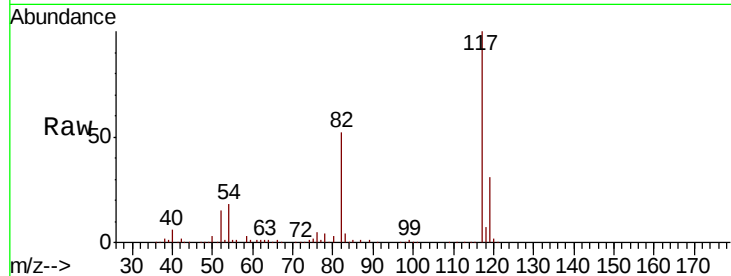




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
165-26-(1)

Tot Ion:117 Resp: 341428
Ion Ratio Lower Upper
117 100
82 51.5 43.6 65.4
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Tgt Ion:152 Resp: 135707
Ion Ratio Lower Upper
152 100
115 55.3 27.4 82.2
150 157.3 0.0 345.4

