

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013771.D
 Acq On : 28 Oct 2019 17:16
 Operator : SY/VA
 Sample : K5542-08
 Misc : 5.43G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 198-90-(2)

Quant Time: Oct 29 11:55:29 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	267190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	113927	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	118685	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.32	98	457378	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	131806	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	

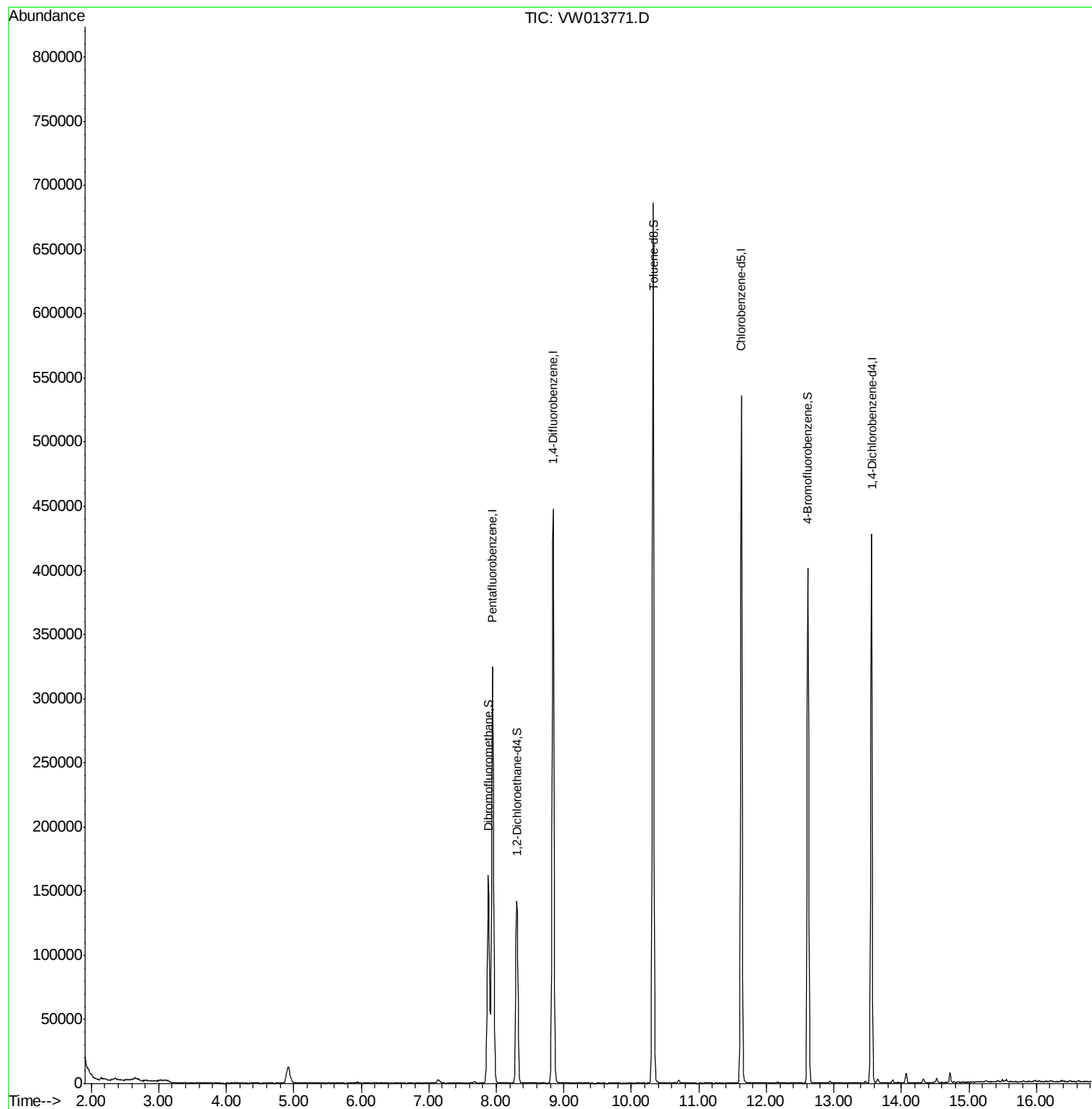
Target Compounds Qvalue

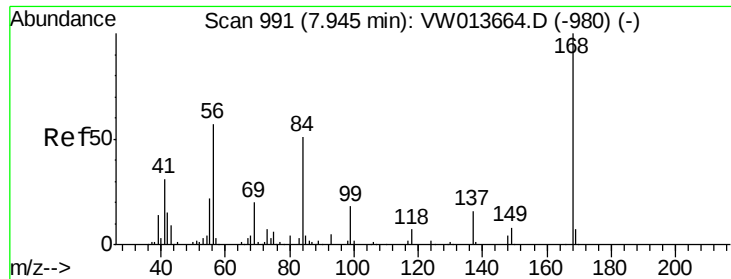
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

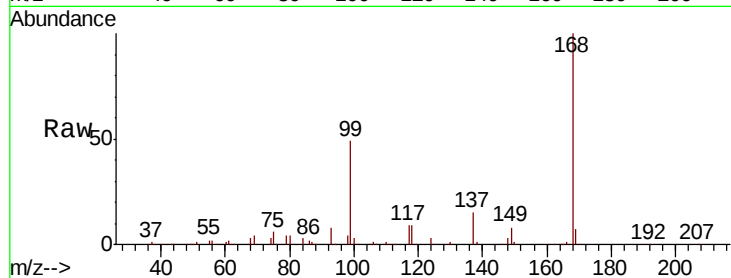
198-90-(2)

Tot Ion:168 Resp: 267190

Ion Ratio Lower Upper

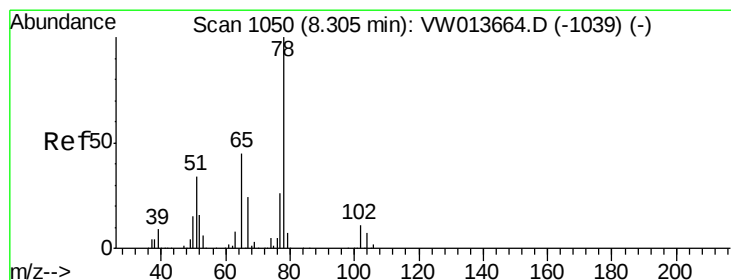
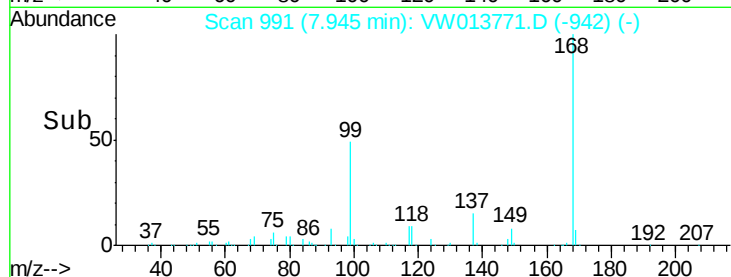
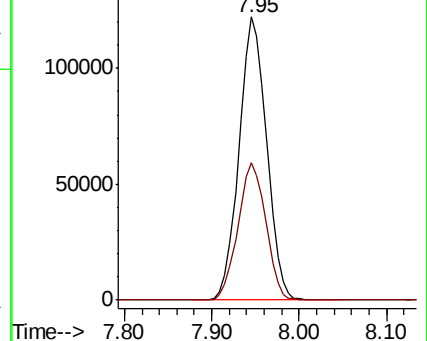
168 100

99 48.8 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: 56.840 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013771.D

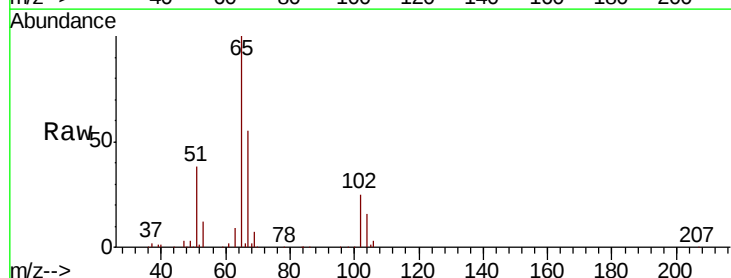
Acq: 28 Oct 2019 17:16

Tgt Ion: 65 Resp: 113927

Ion Ratio Lower Upper

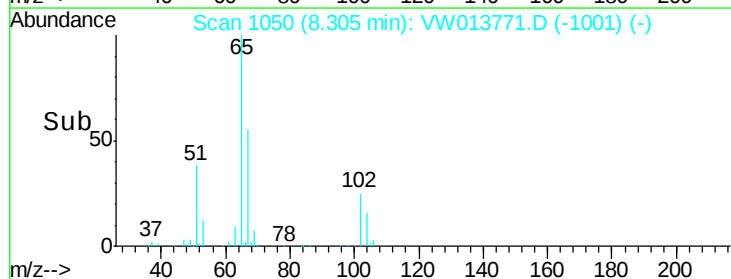
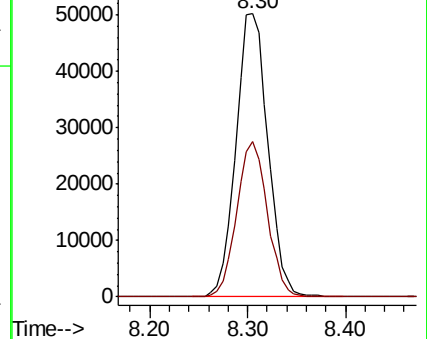
65 100

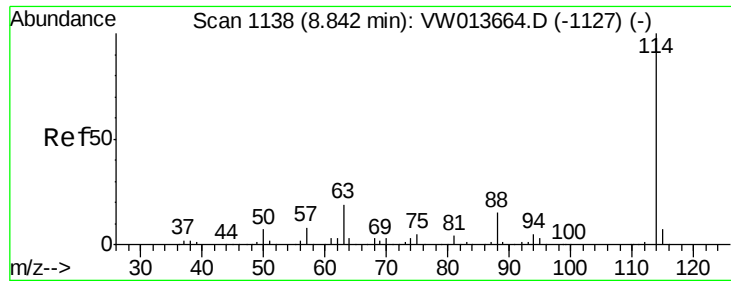
67 52.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

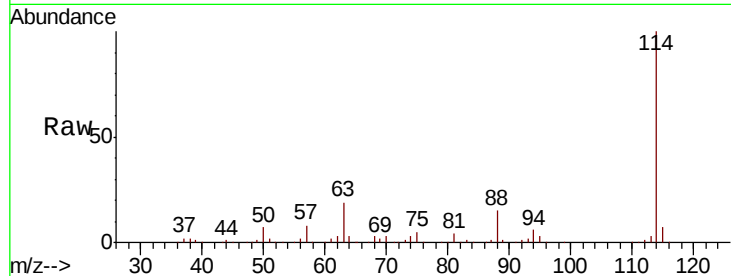




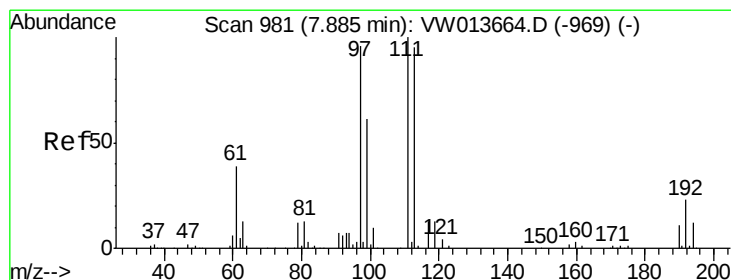
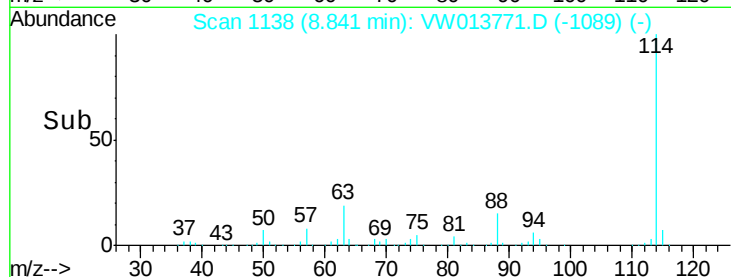
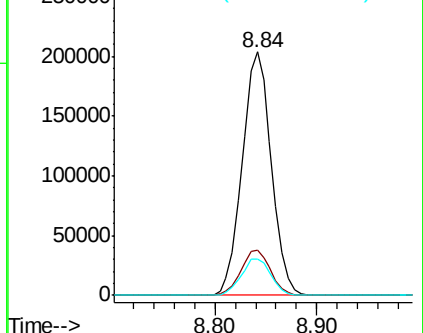
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
198-90-(2)

Tot Ion:114 Resp: 402416
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.6
88 14.8 0.0 30.2

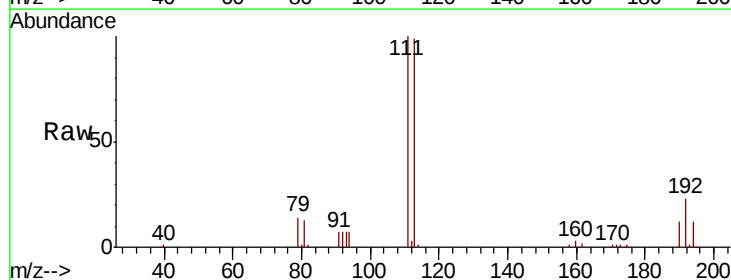


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

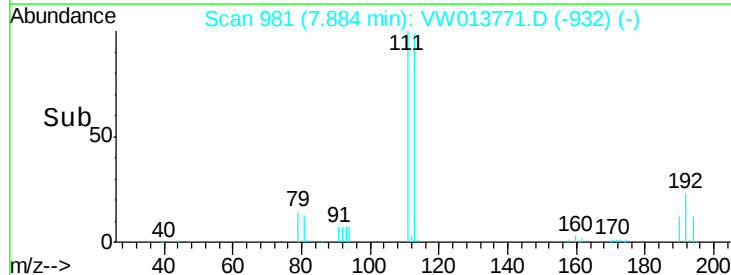
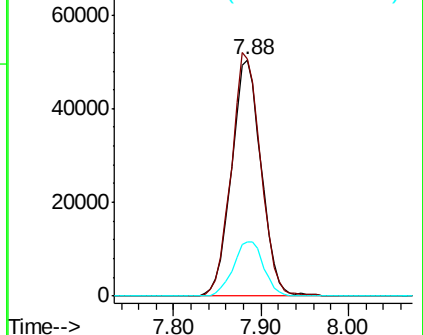


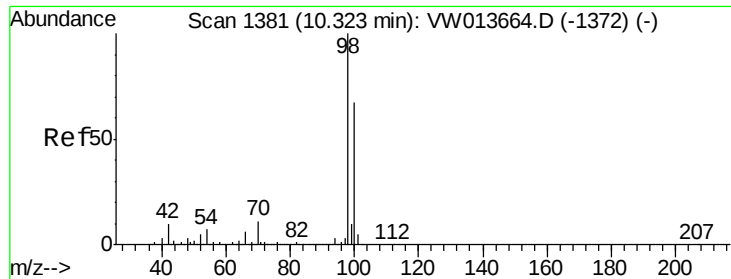
#35
Dibromofluoromethane
Concen: 53.078 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Tgt Ion:113 Resp: 118685
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 23.8 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: 50.199 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

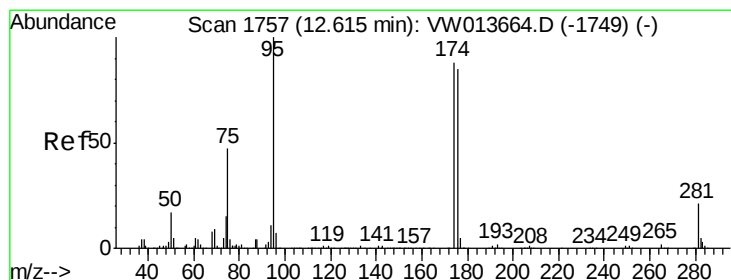
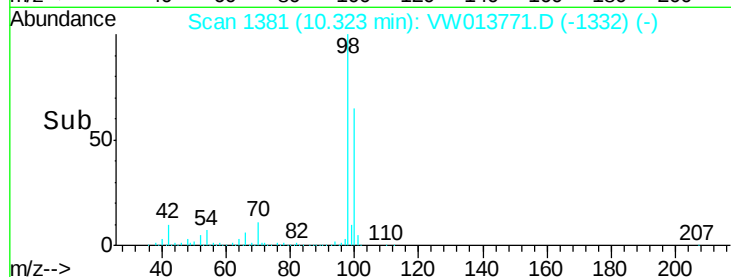
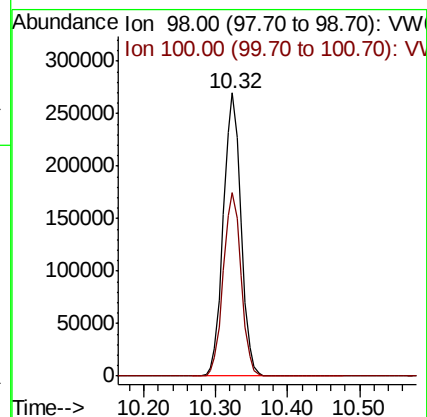
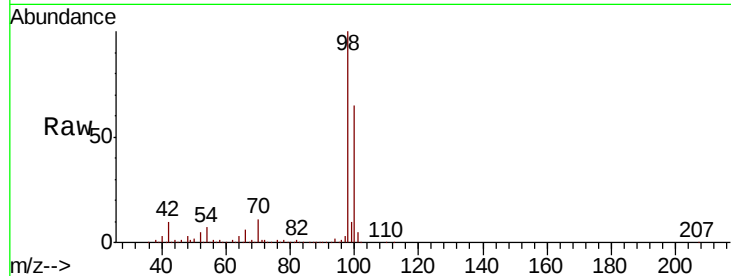
198-90-(2)

Tot Ion: 98 Resp: 457378

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 42.723 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013771.D

Acq: 28 Oct 2019 17:16

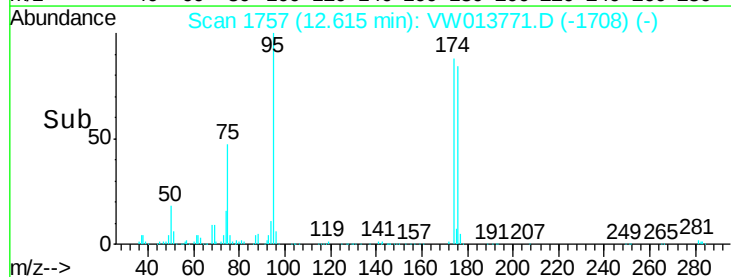
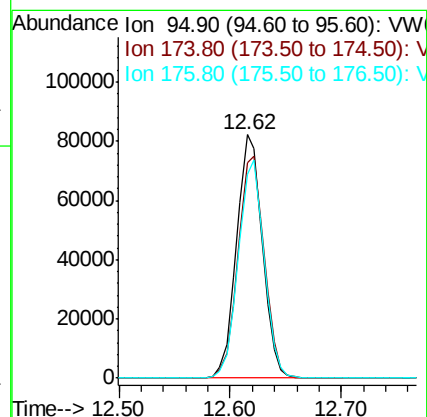
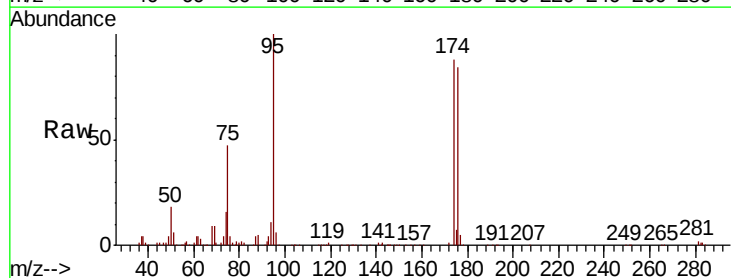
Tgt Ion: 95 Resp: 131806

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.6

176 89.3 0.0 178.0

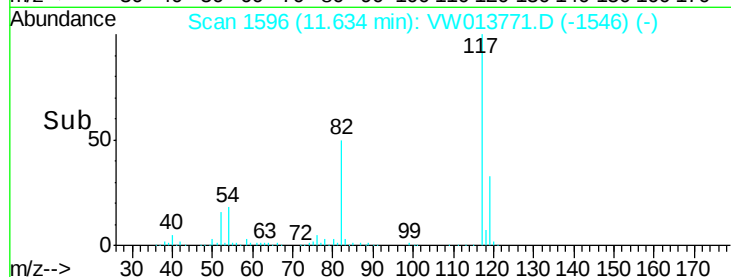
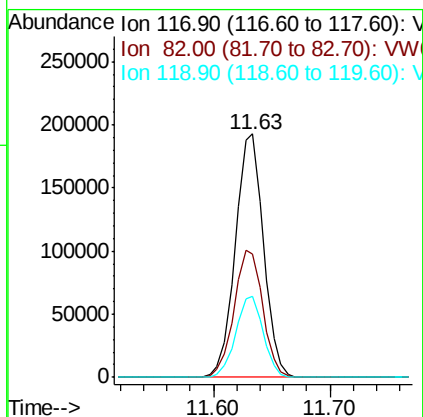
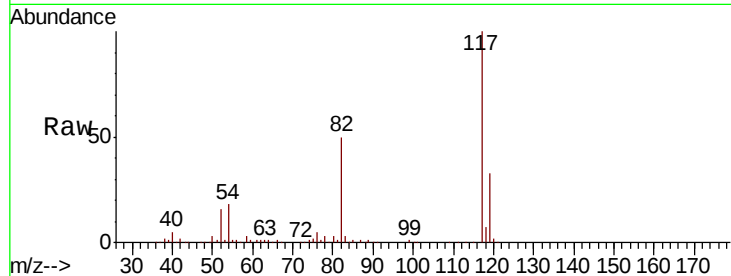




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
198-90-(2)

Tot Ion:117 Resp: 325831
Ion Ratio Lower Upper
117 100
82 50.5 43.6 65.4
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013771.D
Acq: 28 Oct 2019 17:16

Tgt Ion:152 Resp: 125081
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 156.2 0.0 345.4

