

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013732.D
 Acq On : 25 Oct 2019 00:31
 Operator : SY/VA
 Sample : K5499-16RE
 Misc : 3.31G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 705-81-(1)RE

Quant Time: Oct 25 08:43:52 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	263341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110944	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
35) Dibromofluoromethane	7.88	113	118302	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	448428	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	117708	39.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.46%	

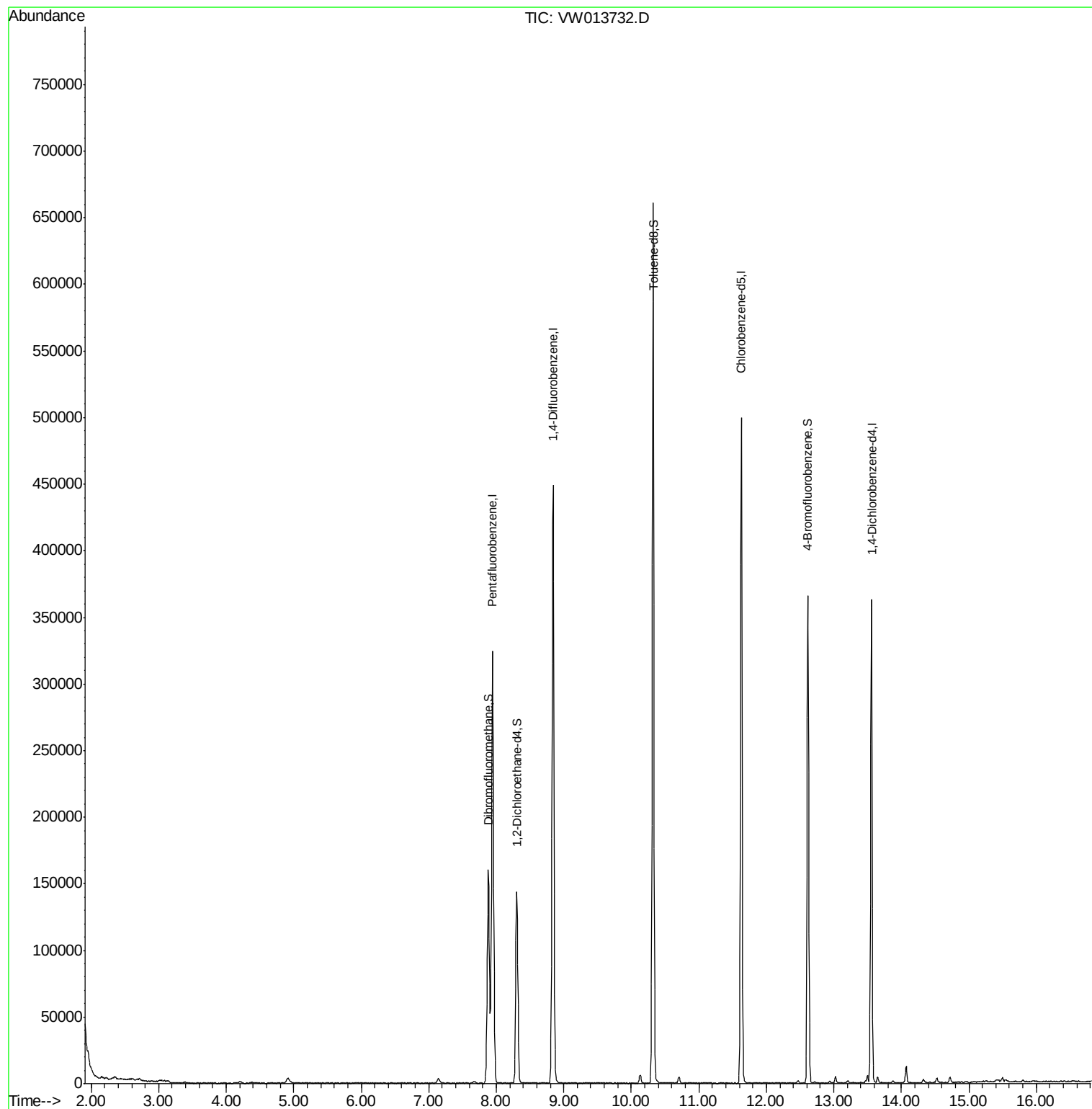
Target Compounds	Qvalue

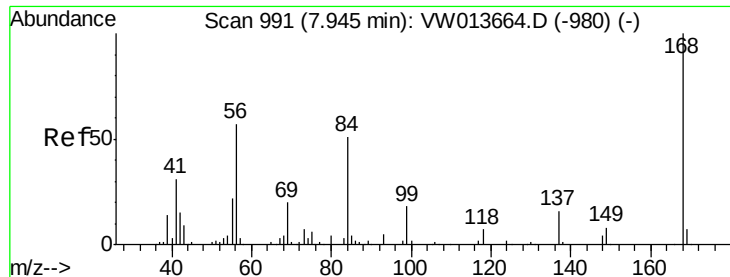
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

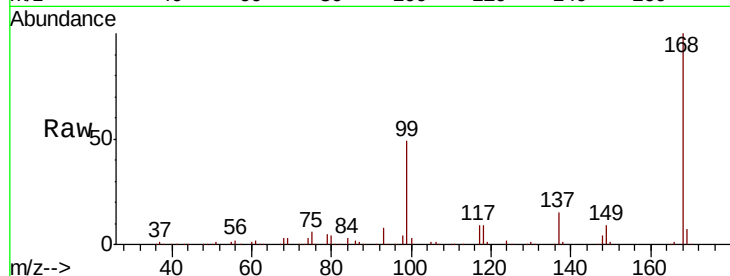
705-81-(1)RE

Tot Ion:168 Resp: 263341

Ion Ratio Lower Upper

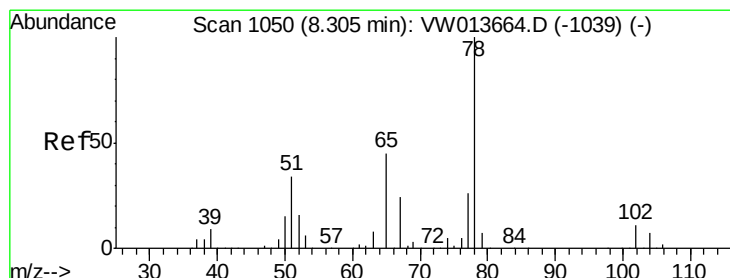
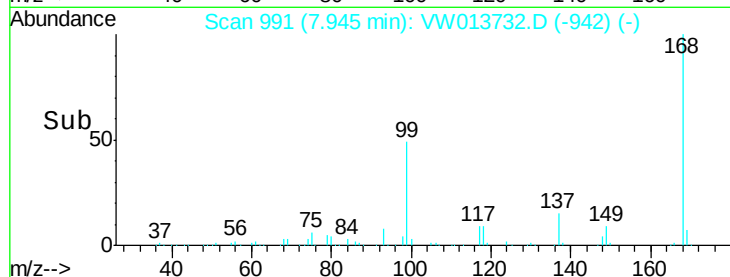
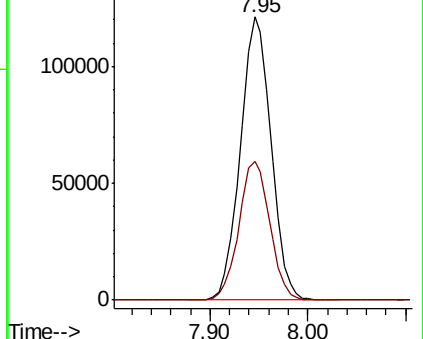
168 100

99 48.9 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: 56.160 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013732.D

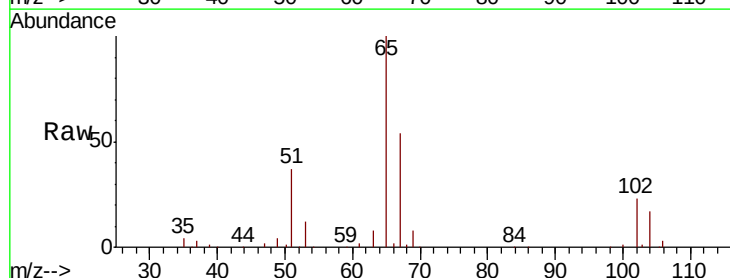
Acq: 25 Oct 2019 00:31

Tgt Ion: 65 Resp: 110944

Ion Ratio Lower Upper

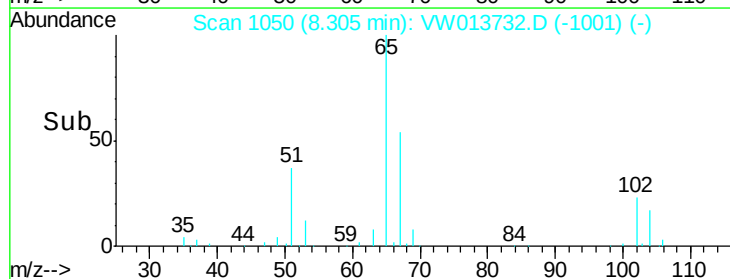
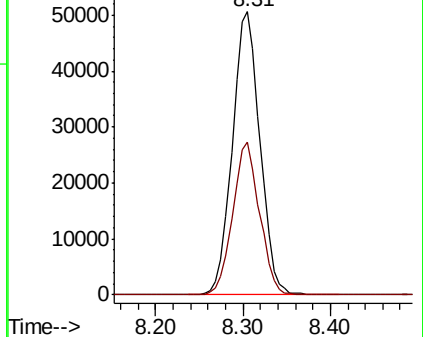
65 100

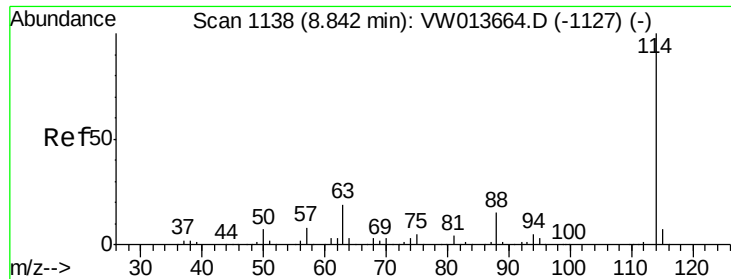
67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

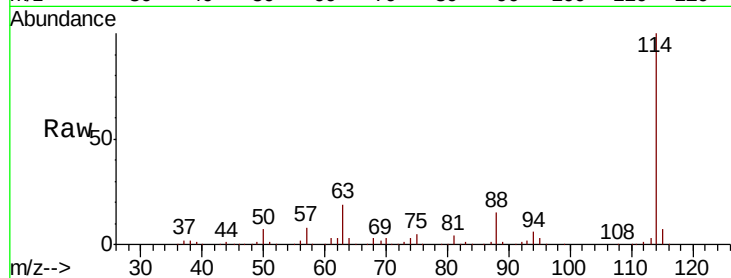




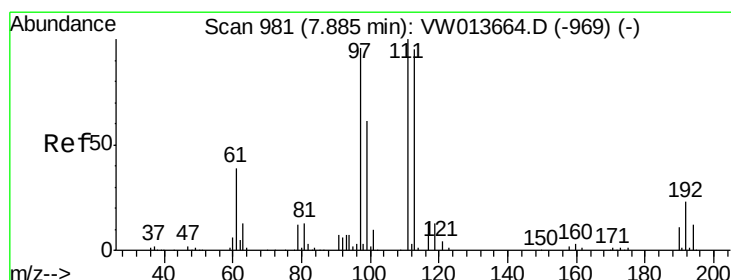
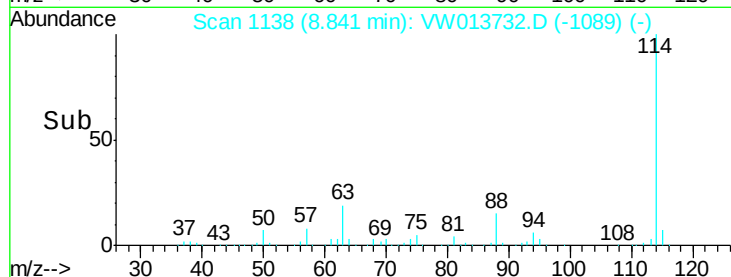
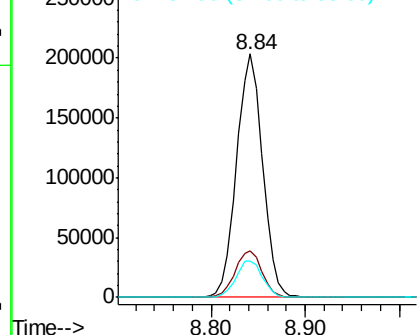
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013732.D
Acq: 25 Oct 2019 00:31

Instrument :
MSVOA_W
ClientSampleId :
705-81-(1)RE

Tot Ion:114 Resp: 391360
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.6
88 14.7 0.0 30.2

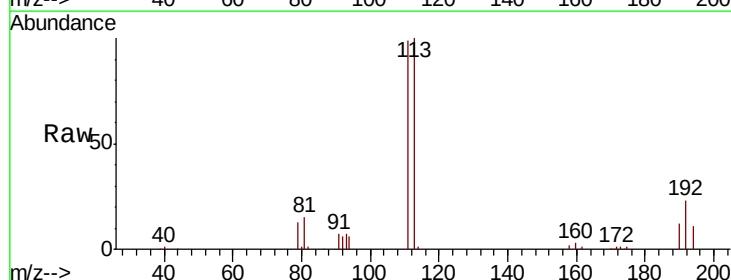


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

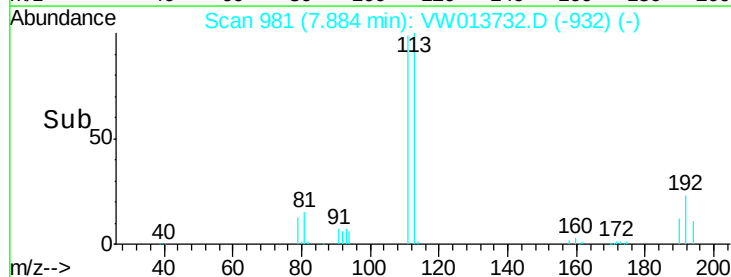
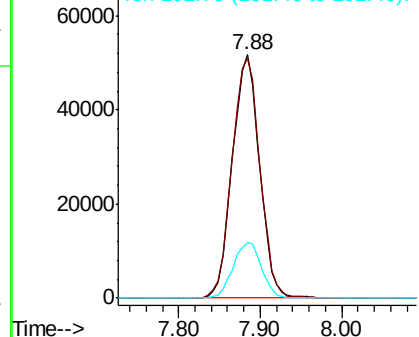


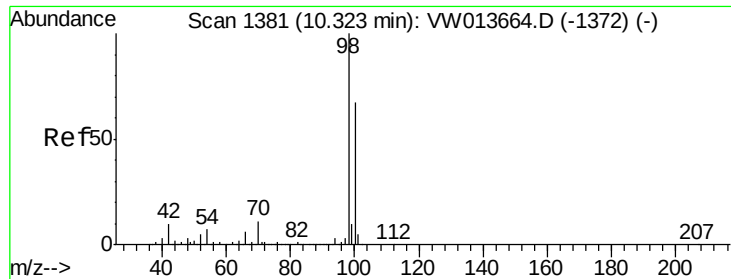
#35
Dibromofluoromethane
Concen: 54.401 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013732.D
Acq: 25 Oct 2019 00:31

Tgt Ion:113 Resp: 118302
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 24.0 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: 50.607 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013732.D

Acq: 25 Oct 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

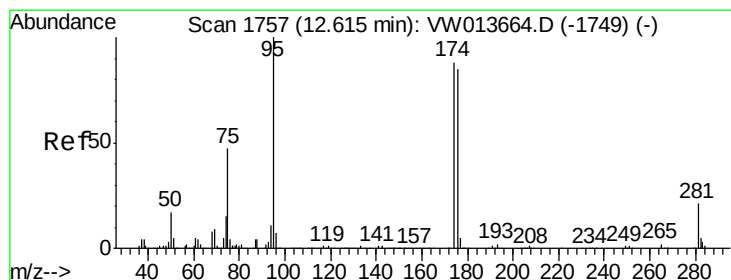
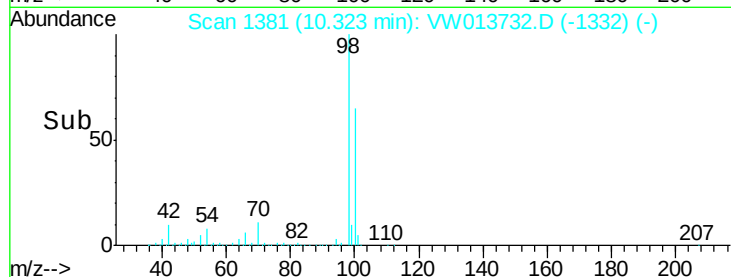
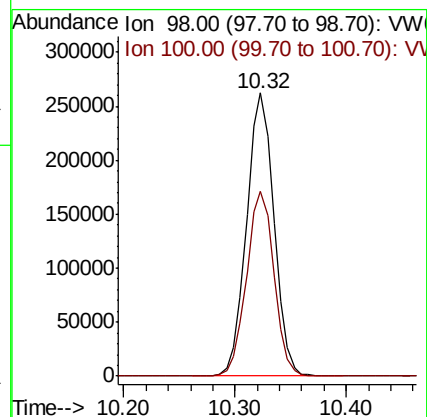
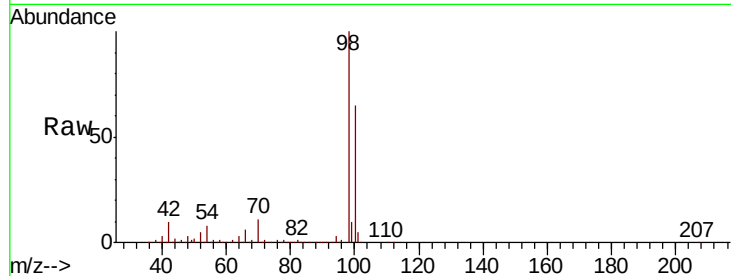
705-81-(1)RE

Tot Ion: 98 Resp: 448428

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 39.231 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013732.D

Acq: 25 Oct 2019 00:31

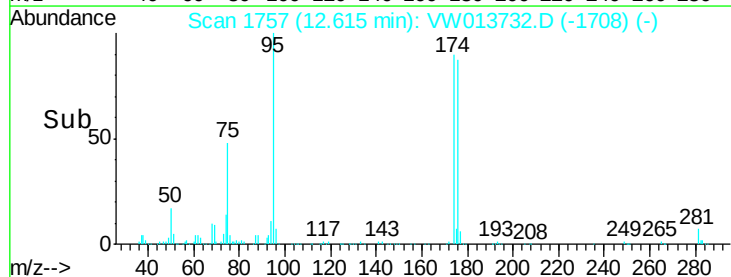
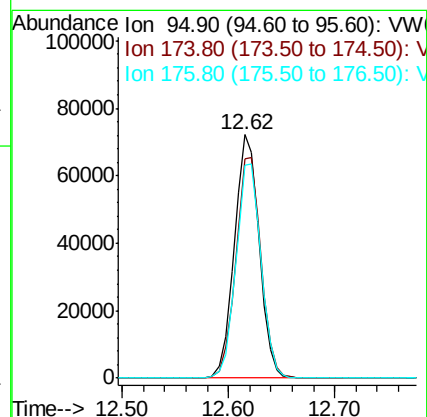
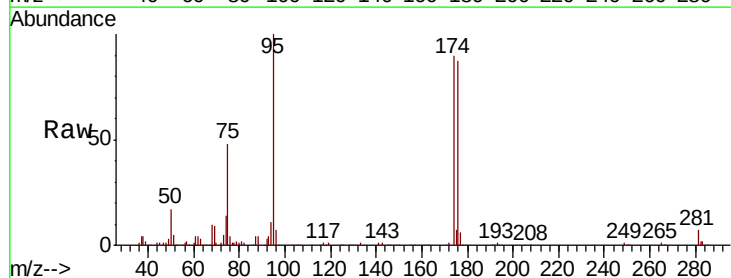
Tgt Ion: 95 Resp: 117708

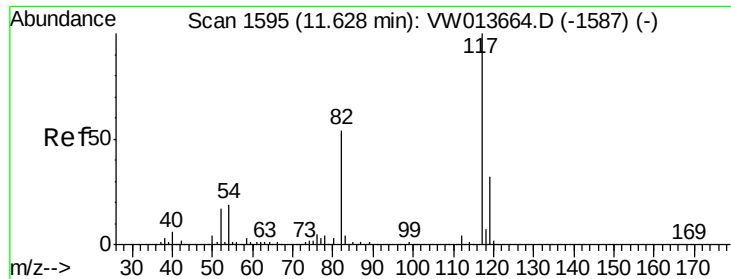
Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.6

176 89.0 0.0 178.0

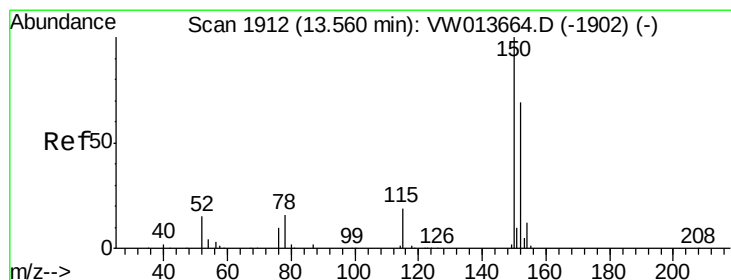
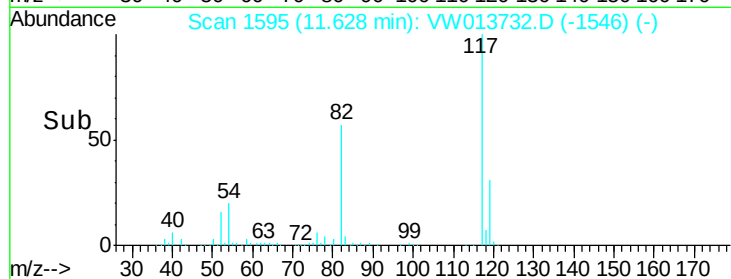
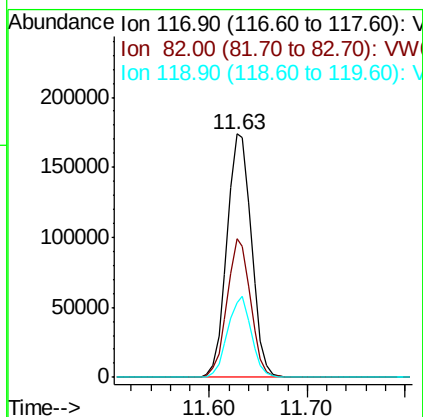
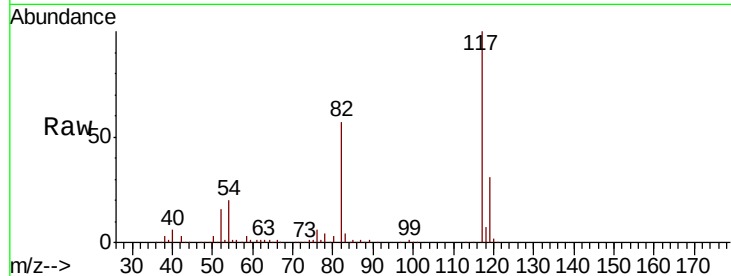




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013732.D
Acq: 25 Oct 2019 00:31

Instrument :
MSVOA_W
ClientSampleId :
705-81-(1)RE

Tot Ion:117 Resp: 302960
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 30.9 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: VW013732.D
Acq: 25 Oct 2019 00:31

Tgt Ion:152 Resp: 104693
Ion Ratio Lower Upper
152 100
115 55.9 27.4 82.2
150 158.7 0.0 345.4

