

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013774.D
 Acq On : 28 Oct 2019 18:33
 Operator : SY/VA
 Sample : K5542-14
 Misc : 7.77G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 201-80-(1)

Quant Time: Oct 29 11:58:17 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	258564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116252	59.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.86%	
35) Dibromofluoromethane	7.88	113	116680	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.32	98	432308	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.62	95	119398	40.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.18%	

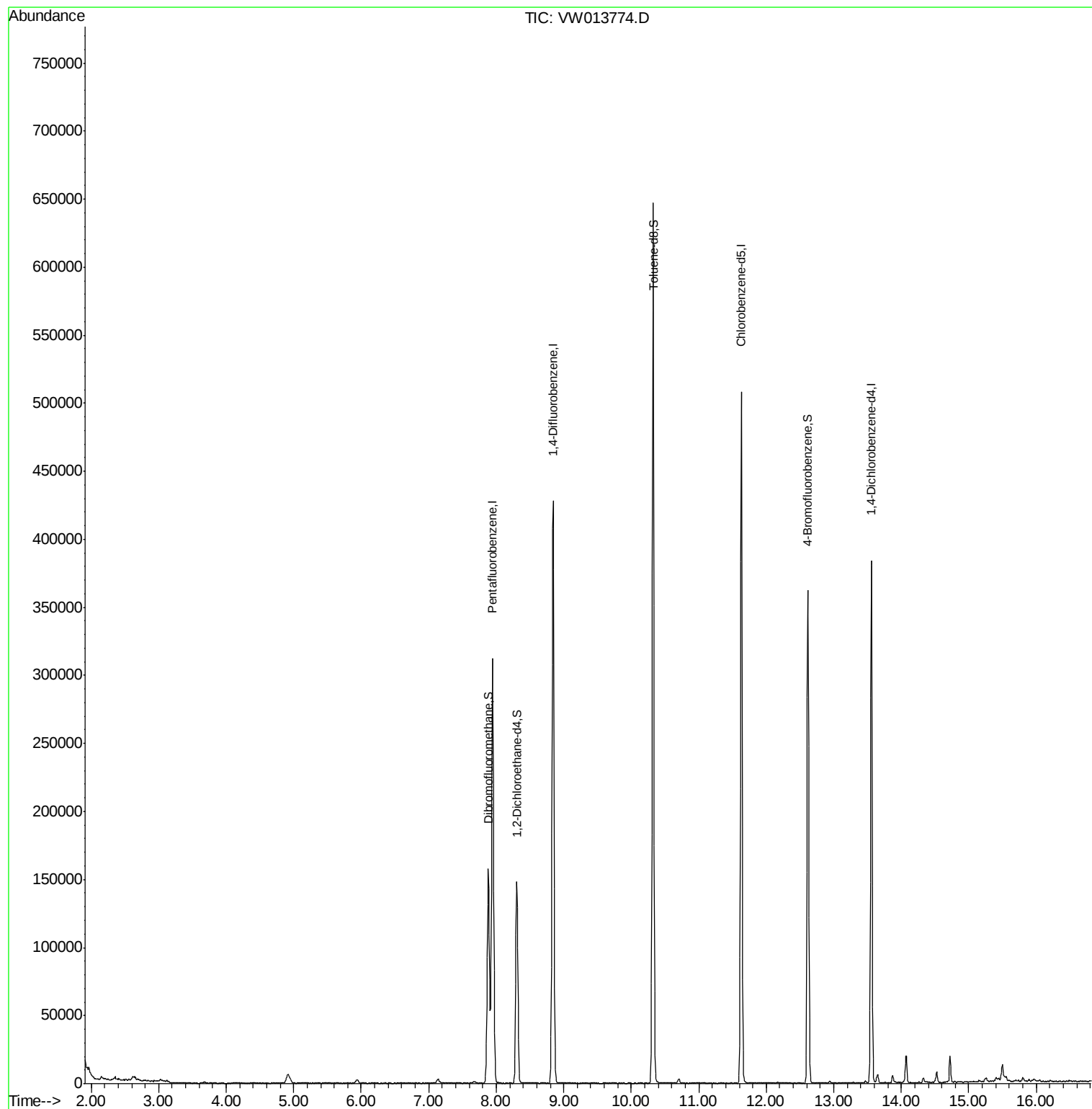
Target Compounds	Qvalue

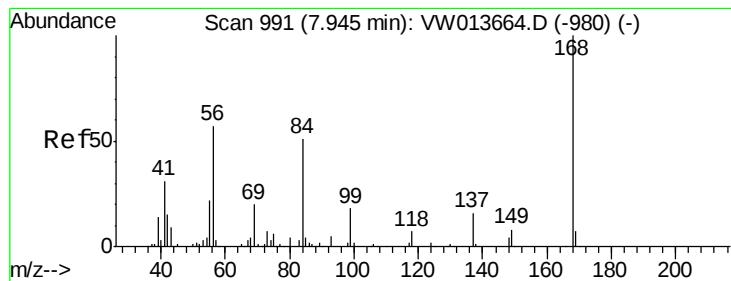
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013774.D

Acq: 28 Oct 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

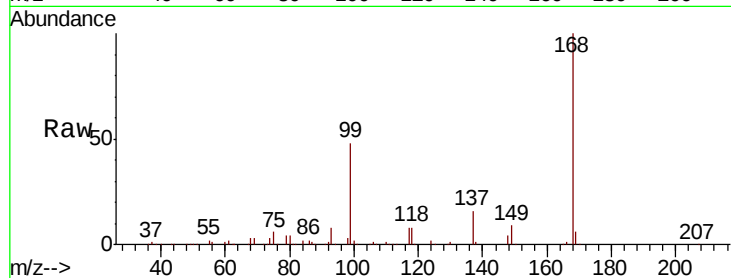
201-80-(1)

Tot Ion:168 Resp: 258564

Ion Ratio Lower Upper

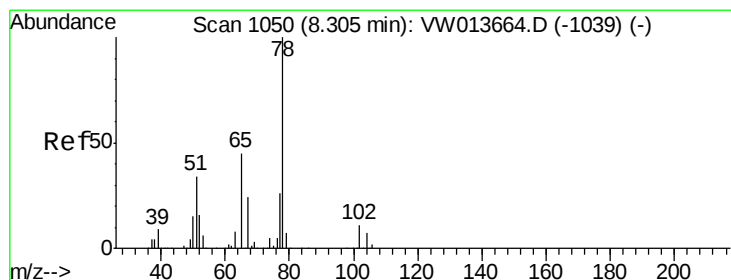
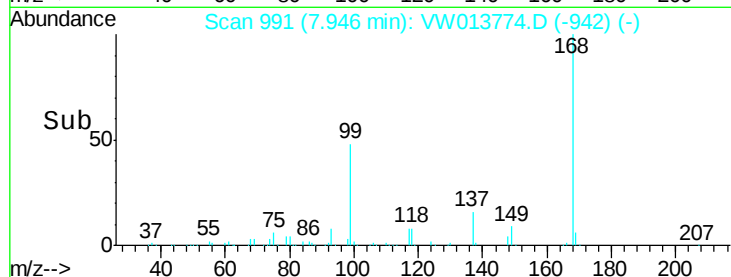
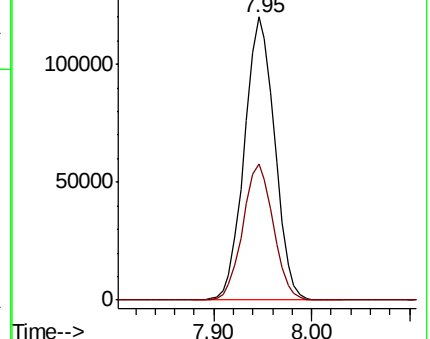
168 100

99 48.3 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: 59.934 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013774.D

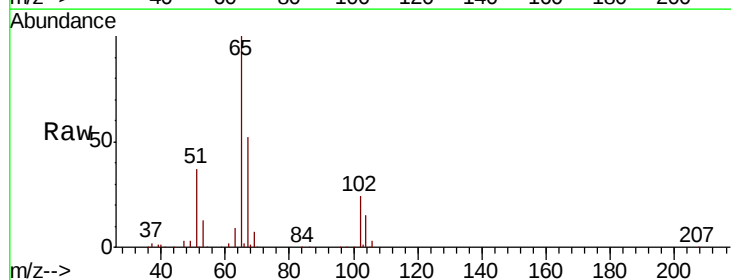
Acq: 28 Oct 2019 18:33

Tgt Ion: 65 Resp: 116252

Ion Ratio Lower Upper

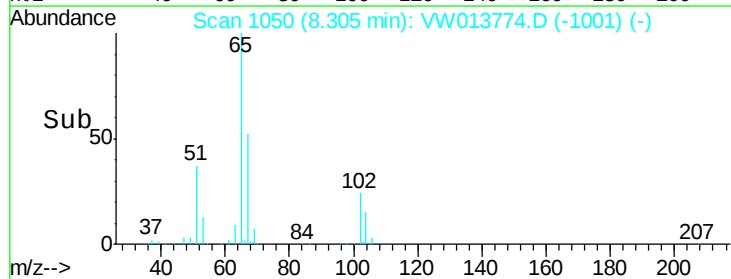
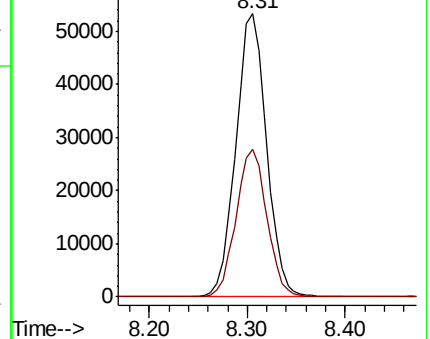
65 100

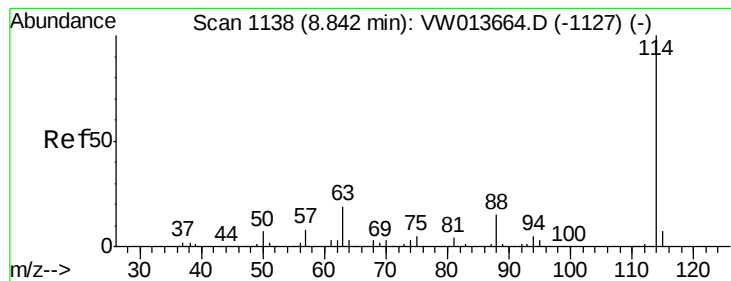
67 52.5 0.0 109.4



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: VW013774.D

Acq: 28 Oct 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

201-80-(1)

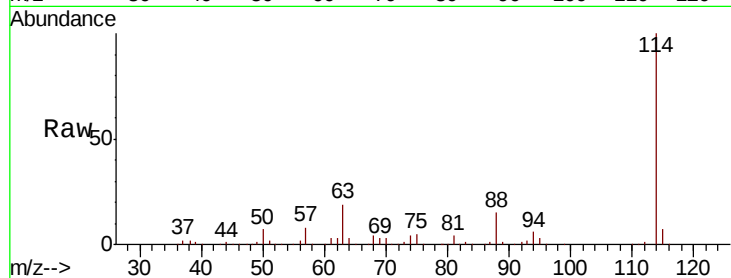
Tot Ion:114 Resp: 388448

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

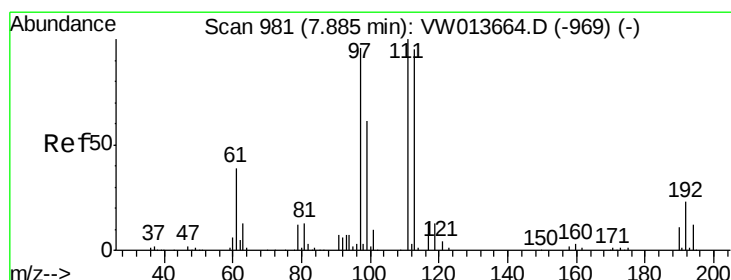
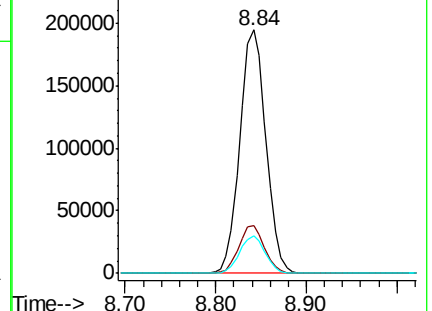
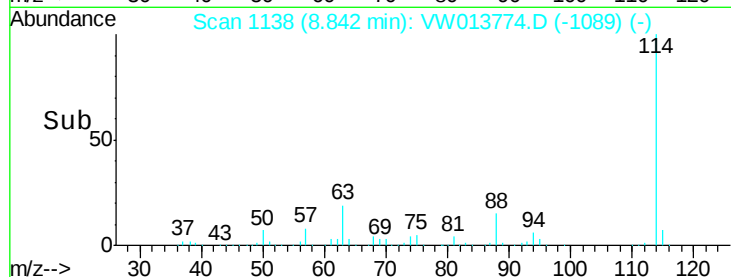
88 15.5 0.0 30.2



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: 54.058 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013774.D

Acq: 28 Oct 2019 18:33

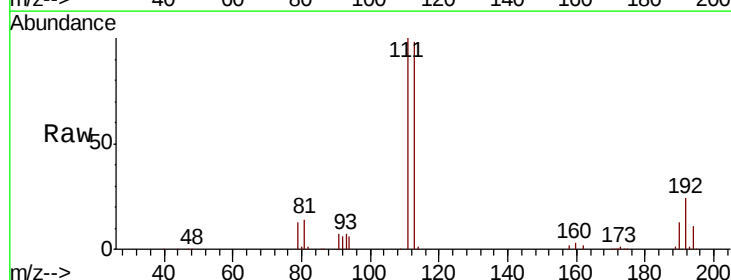
Tgt Ion:113 Resp: 116680

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

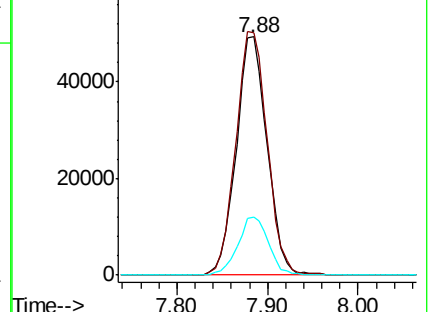
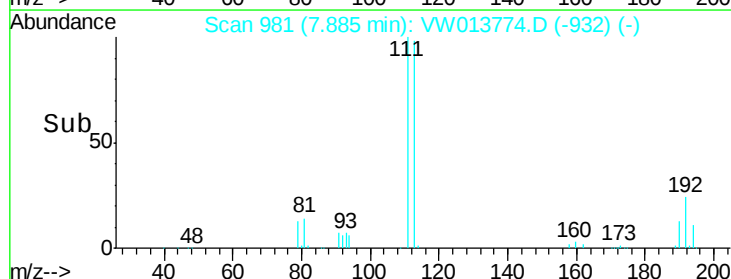
192 24.1 19.4 29.2



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: 49.153 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013774.D

Acq: 28 Oct 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

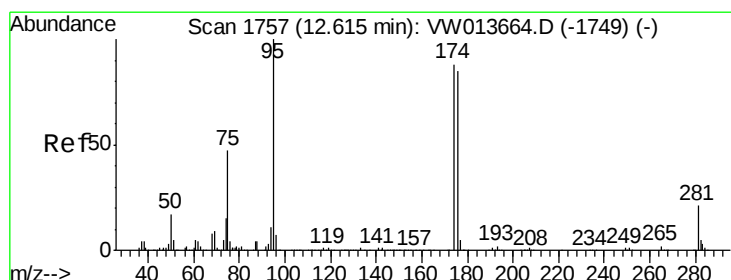
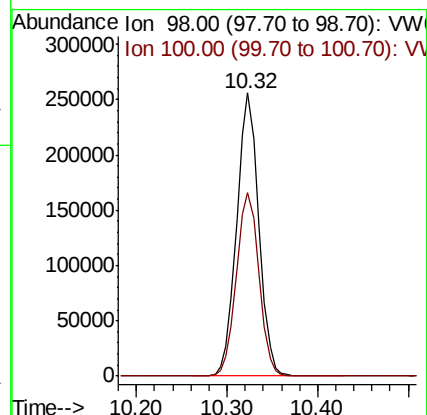
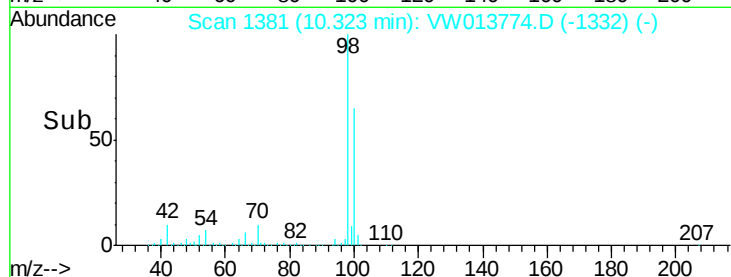
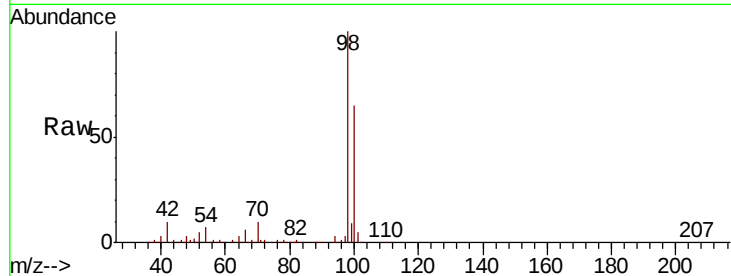
201-80-(1)

Tot Ion: 98 Resp: 432308

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 40.093 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013774.D

Acq: 28 Oct 2019 18:33

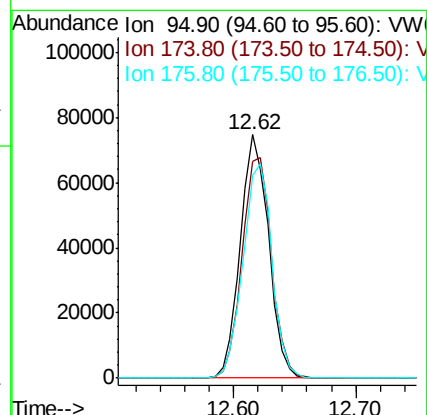
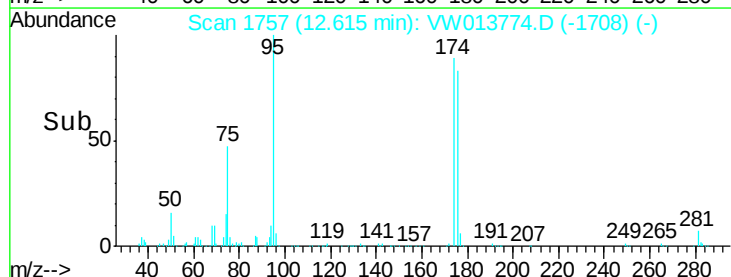
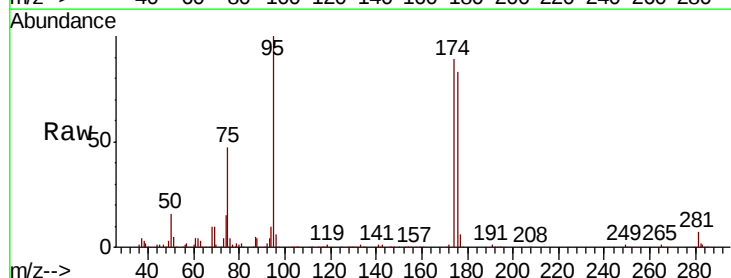
Tgt Ion: 95 Resp: 119398

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.6

176 90.9 0.0 178.0

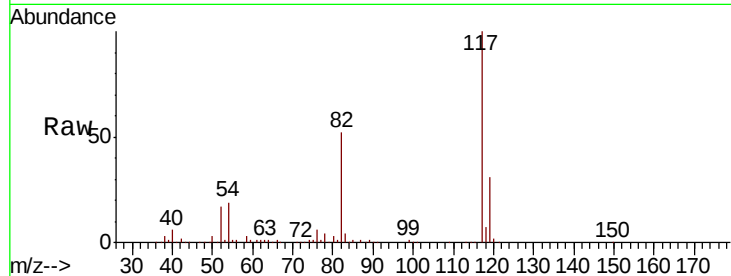




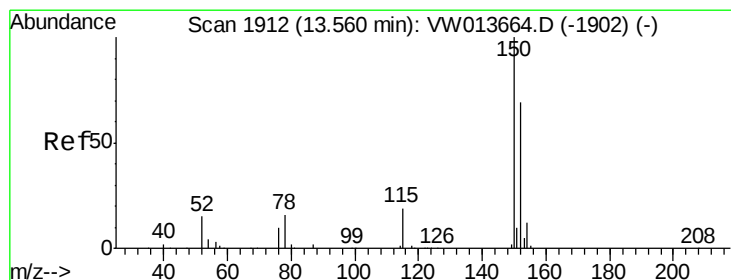
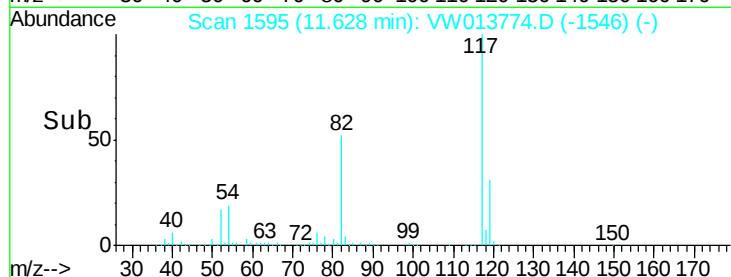
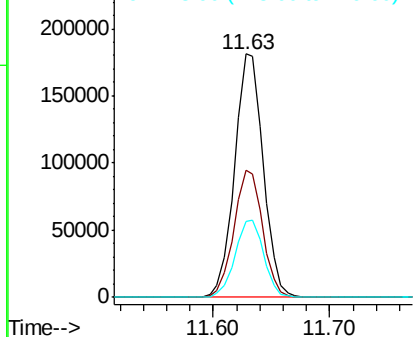
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013774.D
Acq: 28 Oct 2019 18:33

Instrument :
MSVOA_W
ClientSampleId :
201-80-(1)

Tot Ion:117 Resp: 310500
Ion Ratio Lower Upper
117 100
82 52.4 43.6 65.4
119 31.1 25.4 38.2

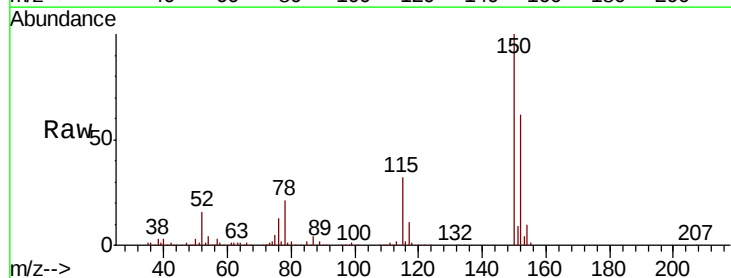


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013774.D
Acq: 28 Oct 2019 18:33

Tgt Ion:152 Resp: 113805
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 159.0 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

