

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013192.D
 Acq On : 20 Sep 2019 19:43
 Operator : SY/VA
 Sample : K4825-13RE
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-3-1RE

Quant Time: Sep 21 05:20:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	91407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135741	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	7.88	113	128688	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.32	98	473120	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.62	95	113495	32.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.78%	

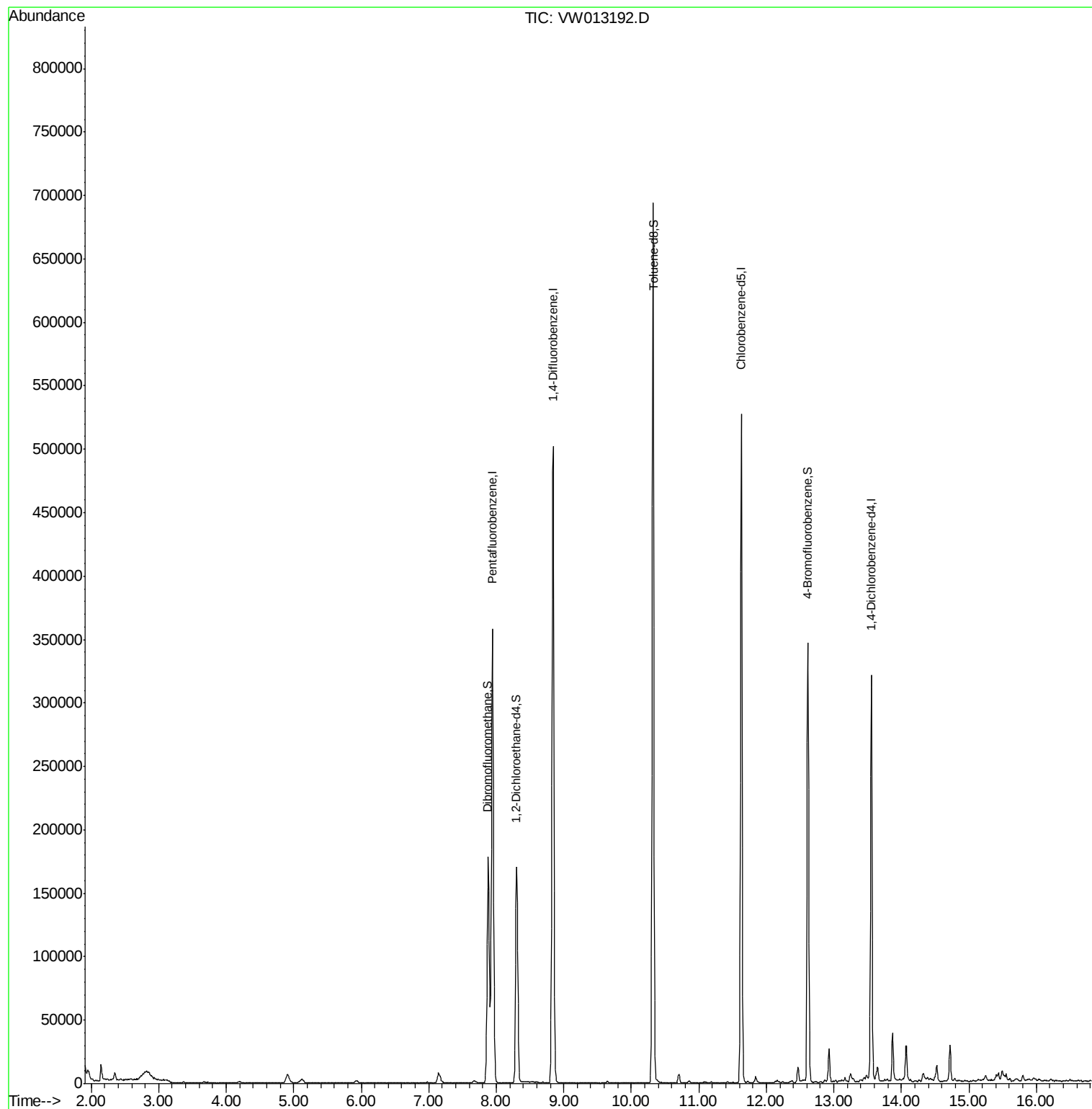
Target Compounds	Qvalue

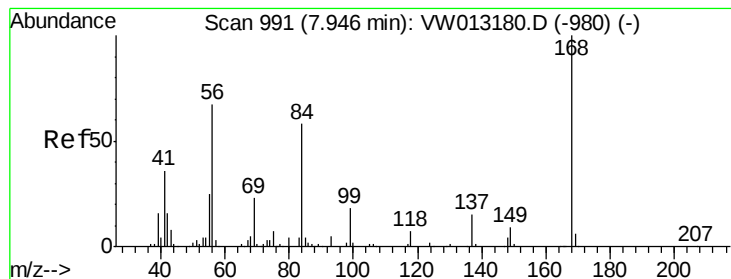
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013192.D

Acq: 20 Sep 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

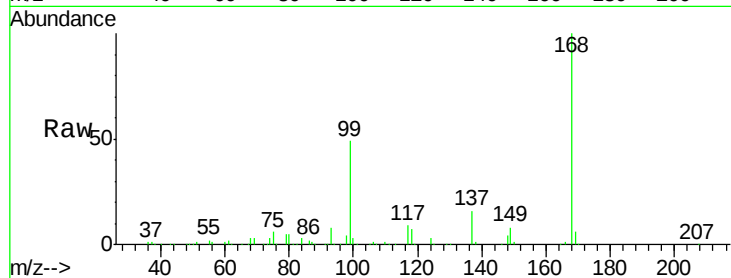
CSA-4-3-1RE

Tot Ion:168 Resp: 296550

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

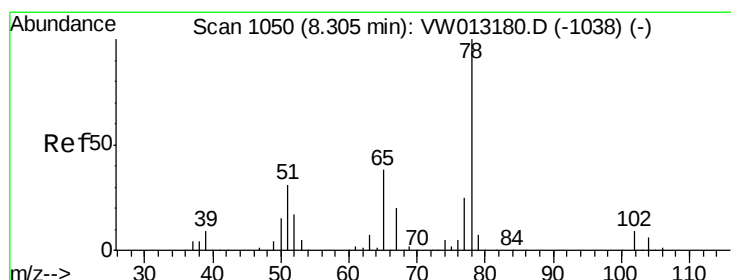
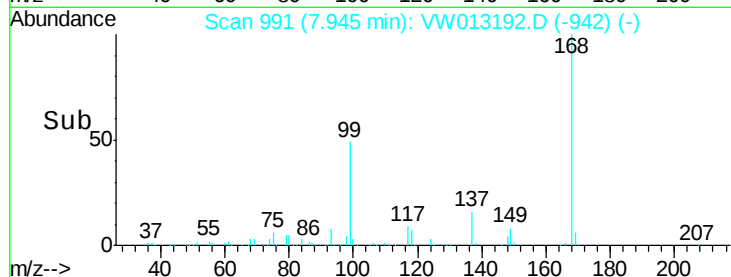
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.085 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013192.D

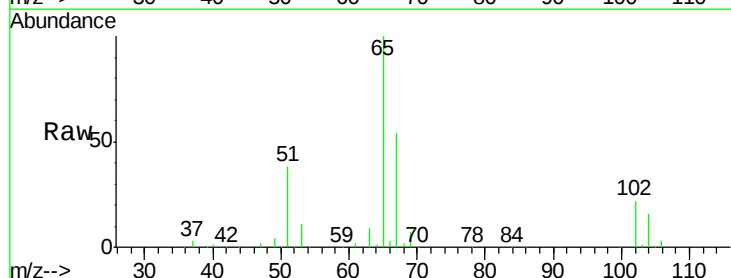
Acq: 20 Sep 2019 19:43

Tgt Ion: 65 Resp: 135741

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

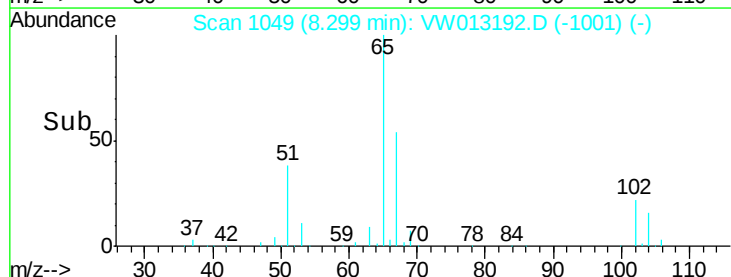
60000

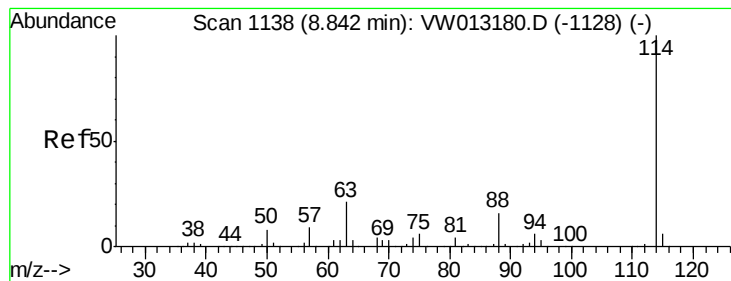
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013192.D

Acq: 20 Sep 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-3-1RE

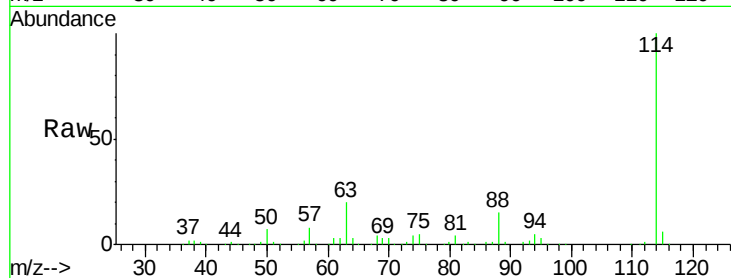
Tot Ion:114 Resp: 445653

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

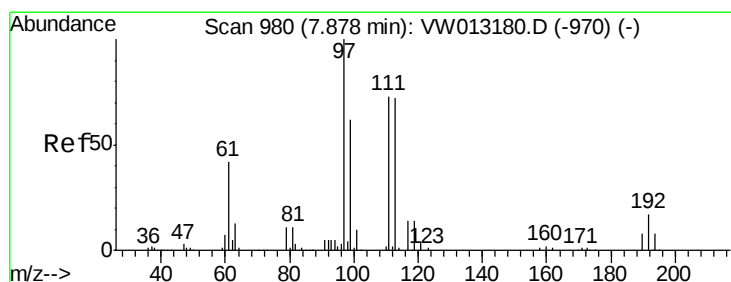
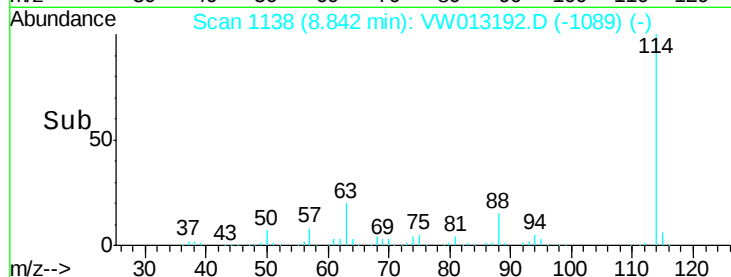
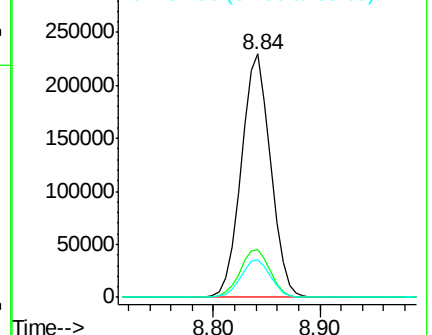
88 15.4 0.0 32.0



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: 52.502 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013192.D

Acq: 20 Sep 2019 19:43

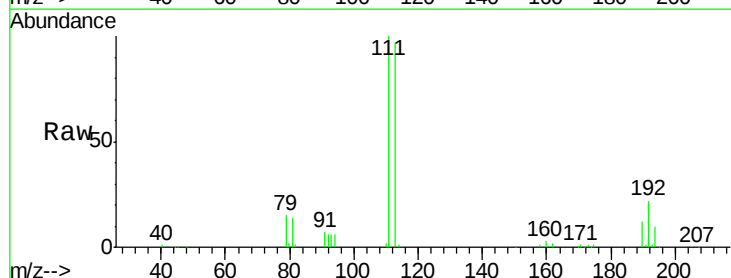
Tgt Ion:113 Resp: 128688

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

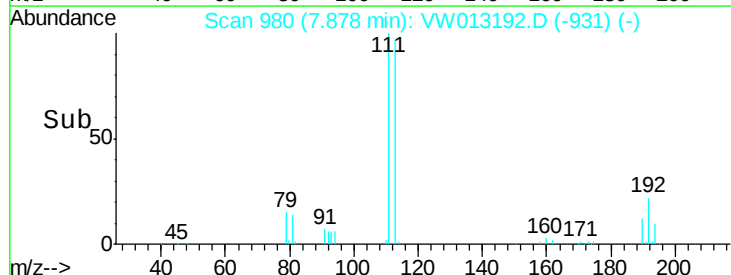
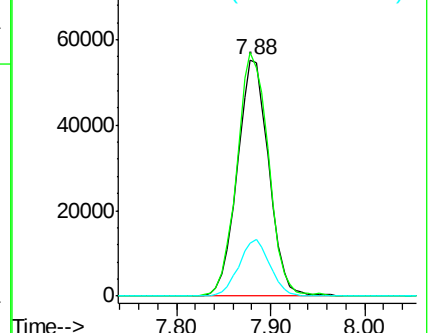
192 23.6 19.1 28.7

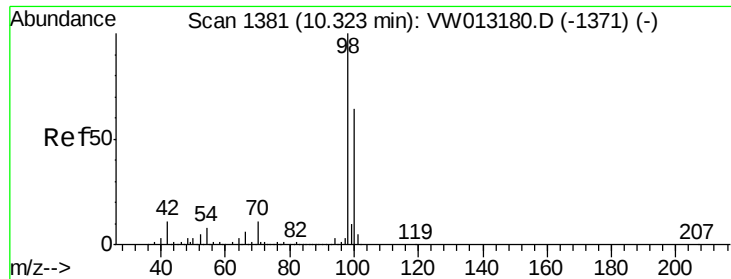


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.121 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013192.D

Acq: 20 Sep 2019 19:43

Instrument :

MSVOA_W

ClientSampleId :

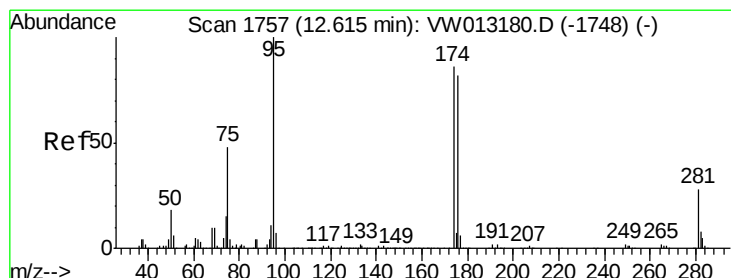
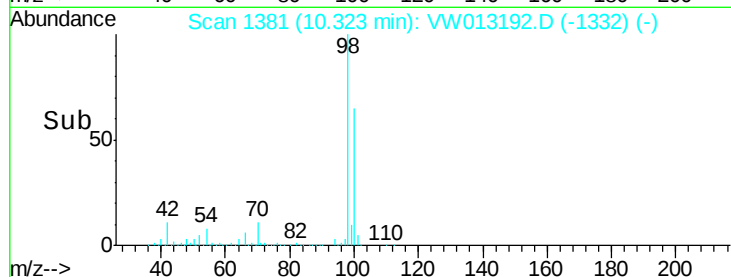
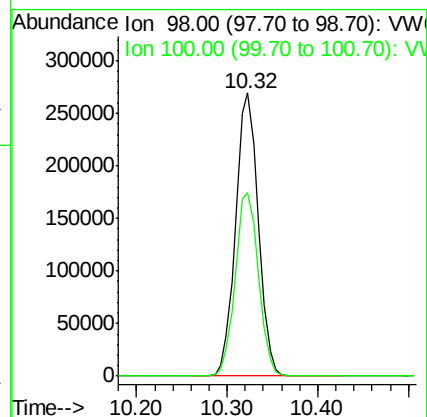
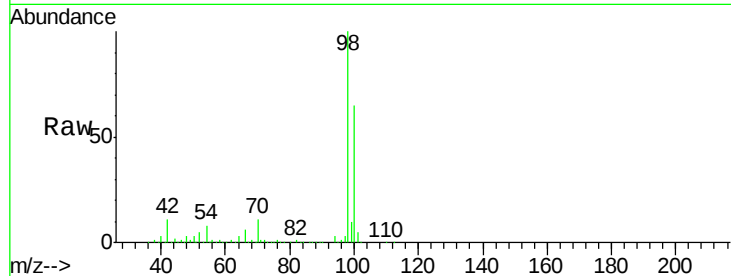
CSA-4-3-1RE

Tot Ion: 98 Resp: 473120

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 32.389 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013192.D

Acq: 20 Sep 2019 19:43

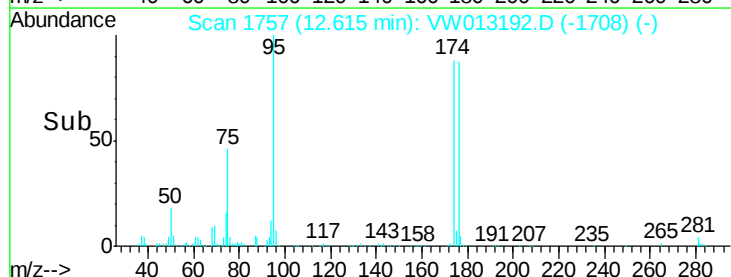
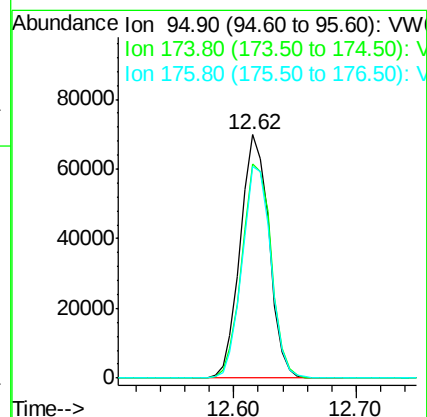
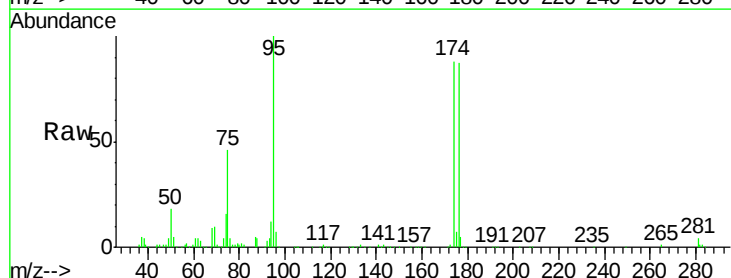
Tgt Ion: 95 Resp: 113495

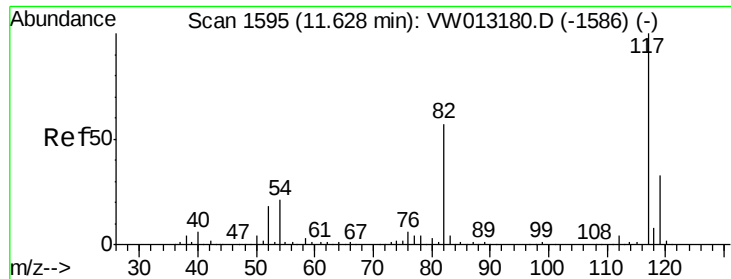
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.4

176 87.1 0.0 172.2

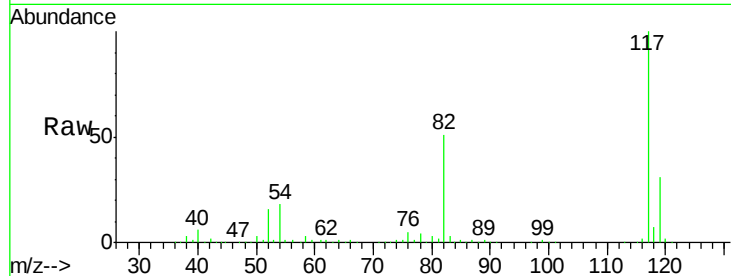




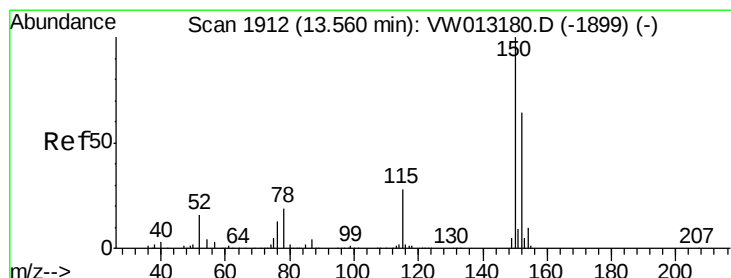
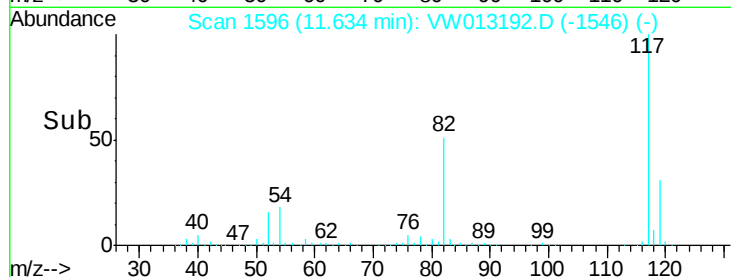
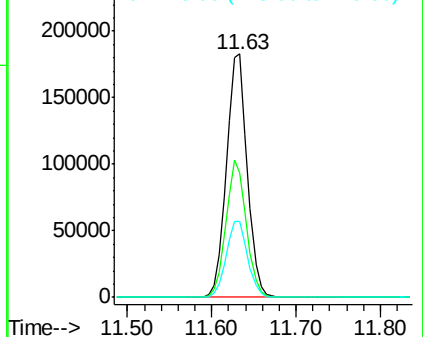
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013192.D
Acq: 20 Sep 2019 19:43

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-1RE

Tot Ion:117 Resp: 308024
Ion Ratio Lower Upper
117 100
82 51.0 45.9 68.9
119 31.1 26.2 39.2

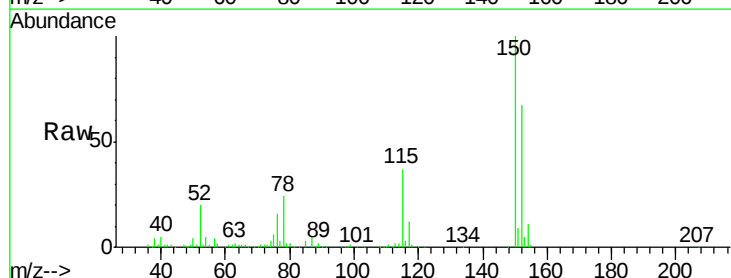


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013192.D
Acq: 20 Sep 2019 19:43

Tgt Ion:152 Resp: 91407
Ion Ratio Lower Upper
152 100
115 55.5 27.3 81.9
150 154.3 0.0 349.0



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

