

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014592.D
 Acq On : 09 Jan 2020 19:32
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 10 02:58:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	717044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1102941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	977500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	471500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	372201	59.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.74%	
35) Dibromofluoromethane	7.88	113	370557	58.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.58%	
50) Toluene-d8	10.32	98	1483450	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.62	95	514957	57.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.42%	

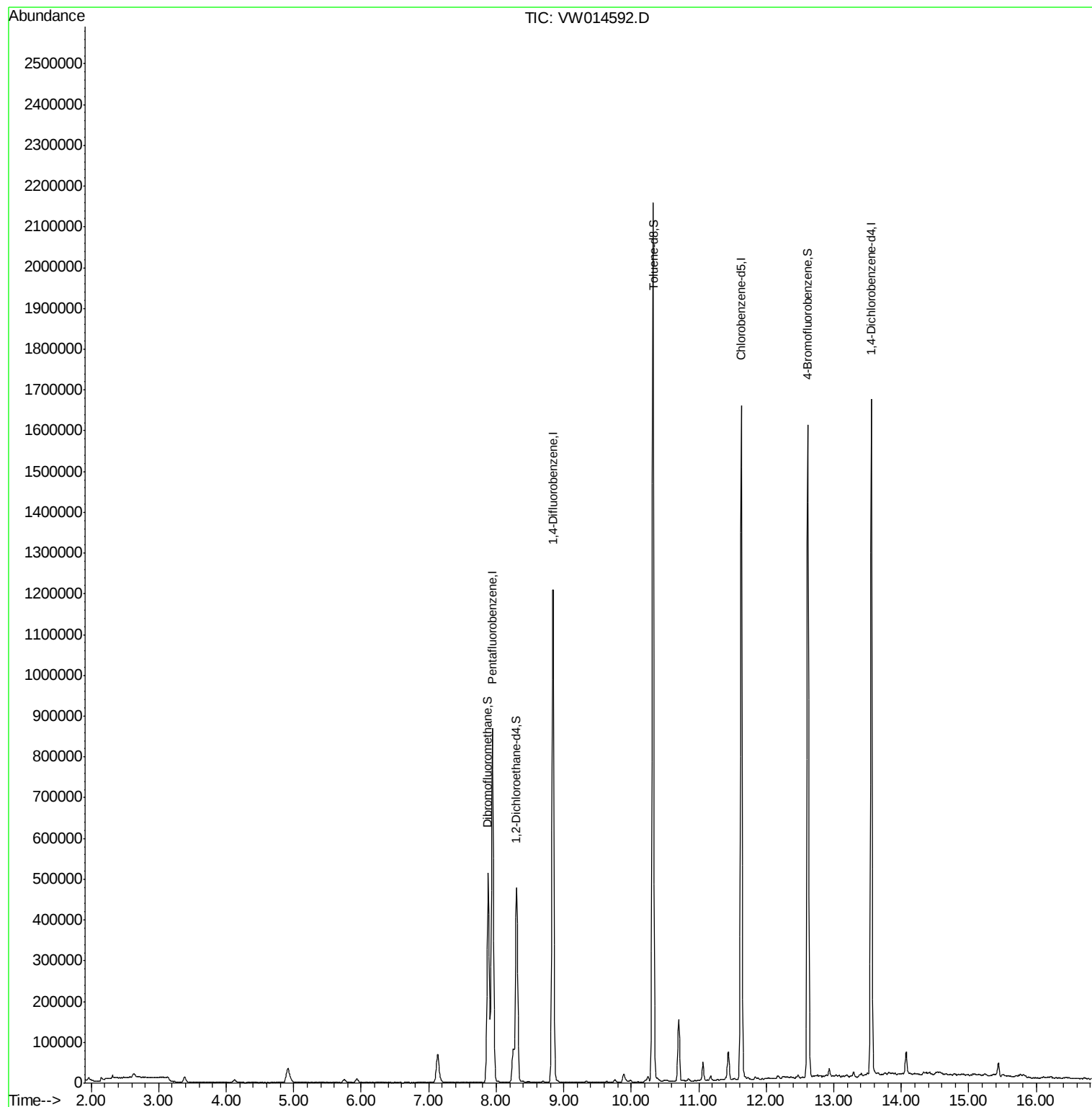
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

Instrument :

MSVOA_W

ClientSampled :

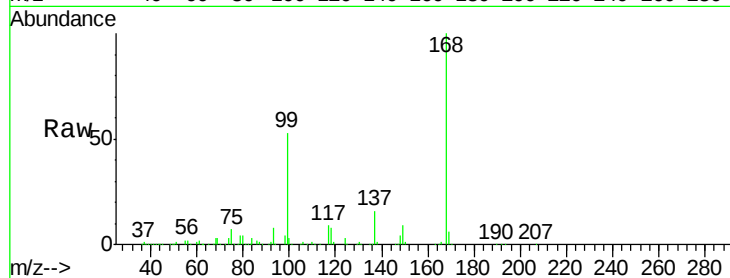
VIBLK

Tot Ion:168 Resp: 717044

Ion Ratio Lower Upper

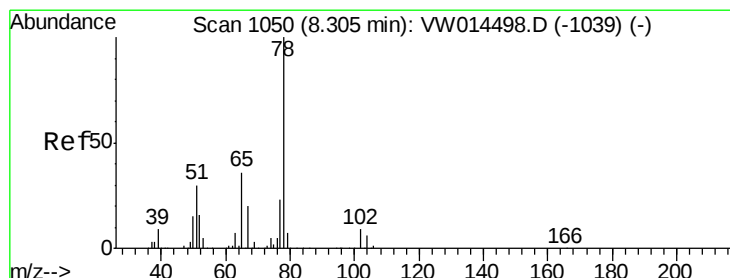
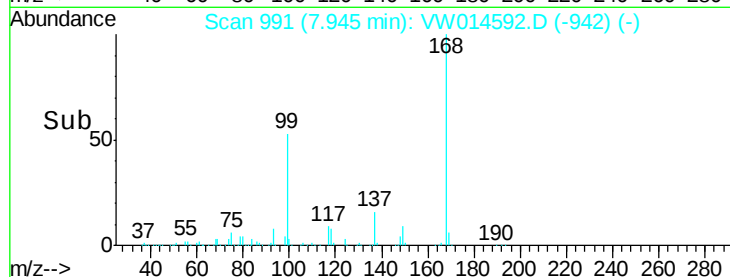
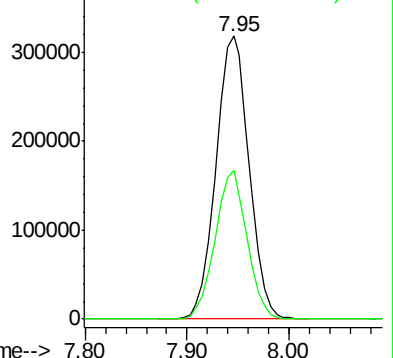
168 100

99 52.7 41.1 61.7



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: 59.370 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014592.D

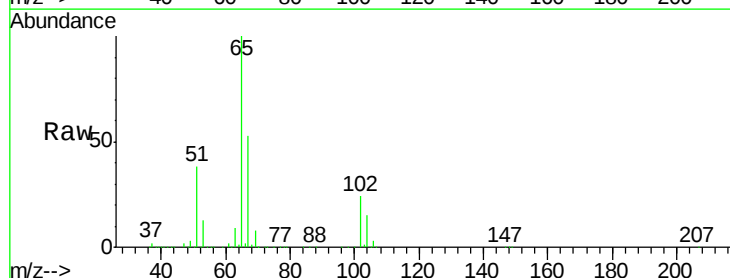
Acq: 09 Jan 2020 19:32

Tgt Ion: 65 Resp: 372201

Ion Ratio Lower Upper

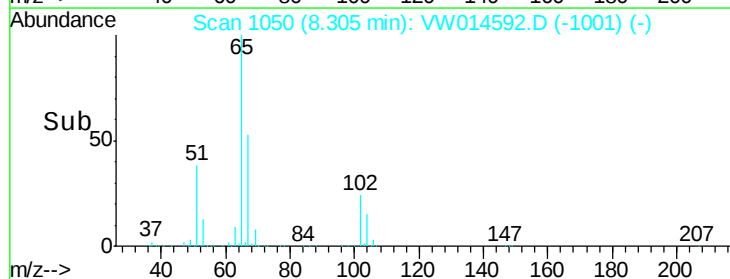
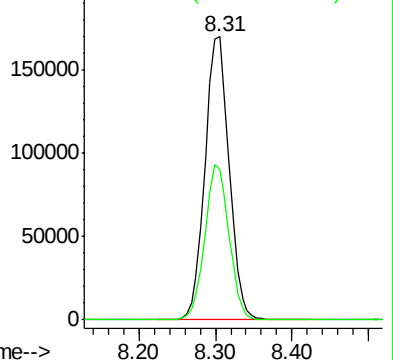
65 100

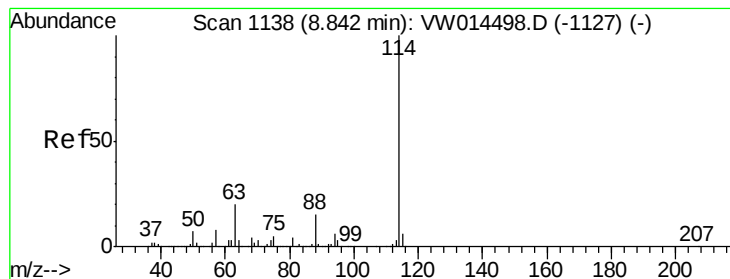
67 54.8 0.0 108.4



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: VW014592.D

Acq: 09 Jan 2020 19:32

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

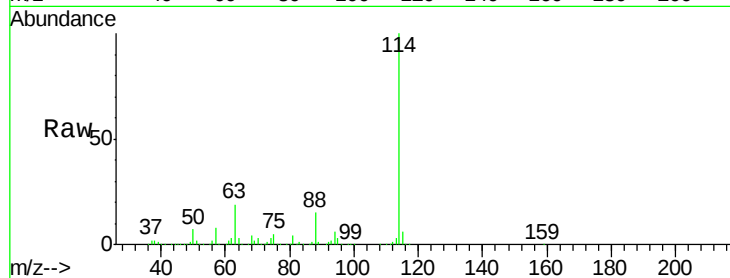
Tot Ion:114 Resp: 1102941

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

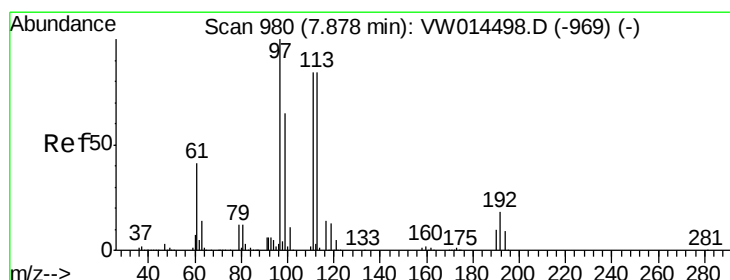
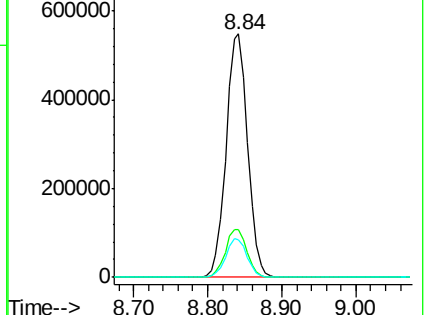
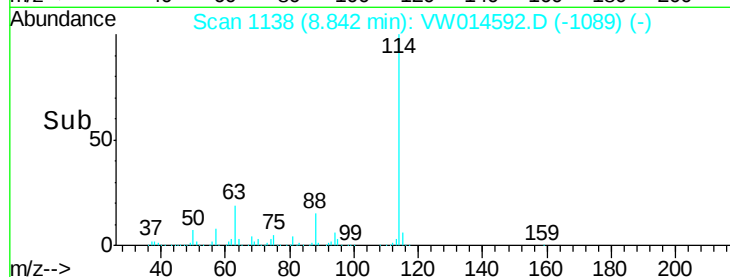
88 15.2 0.0 30.6



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: 58.786 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

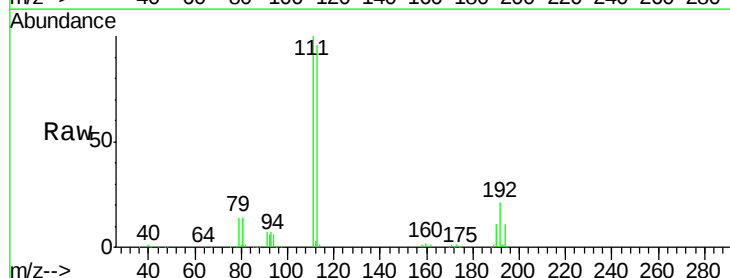
Tgt Ion:113 Resp: 370557

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

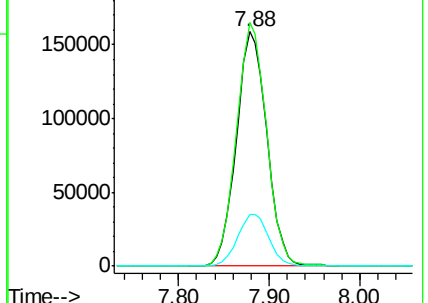
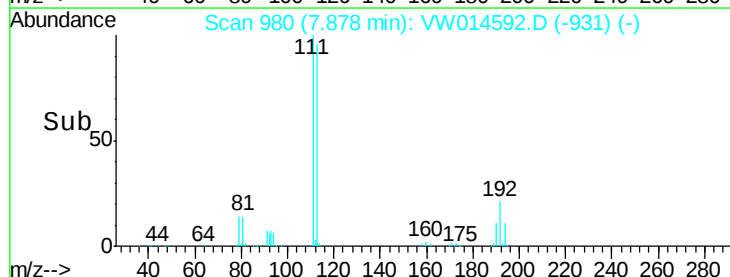
192 22.7 17.8 26.8

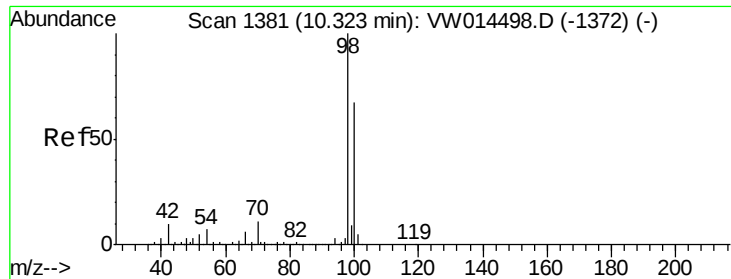


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.392 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

Instrument :

MSVOA_W

ClientSampleId :

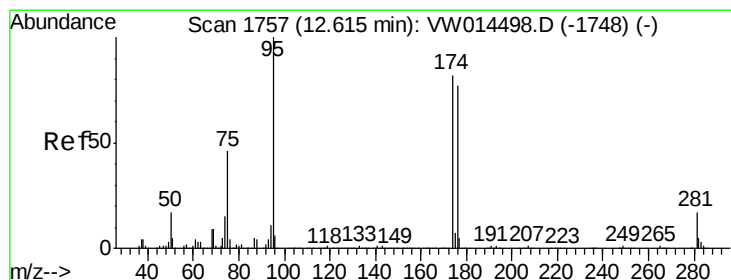
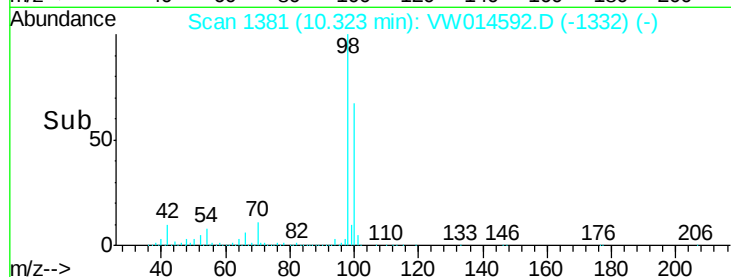
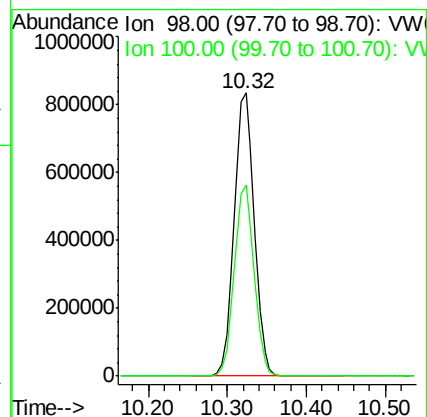
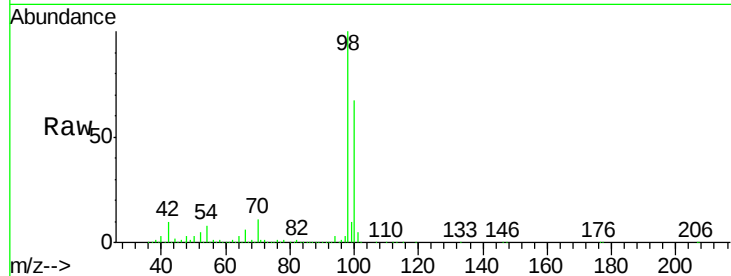
VIBLK

Tot Ion: 98 Resp: 1483450

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 57.713 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014592.D

Acq: 09 Jan 2020 19:32

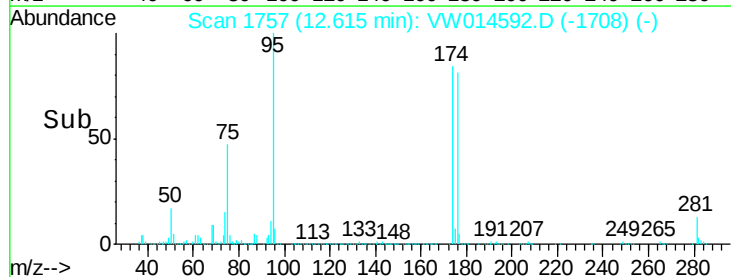
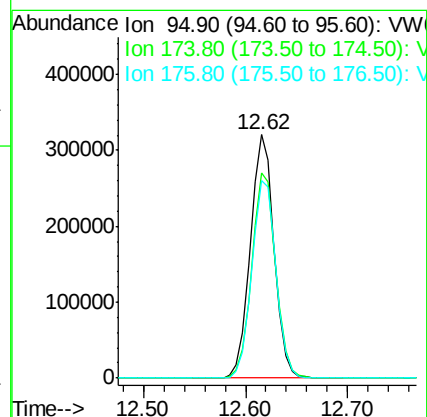
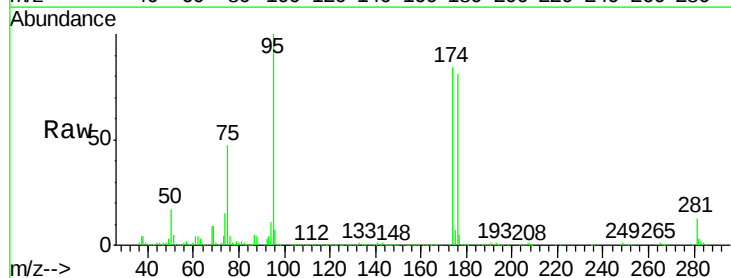
Tgt Ion: 95 Resp: 514957

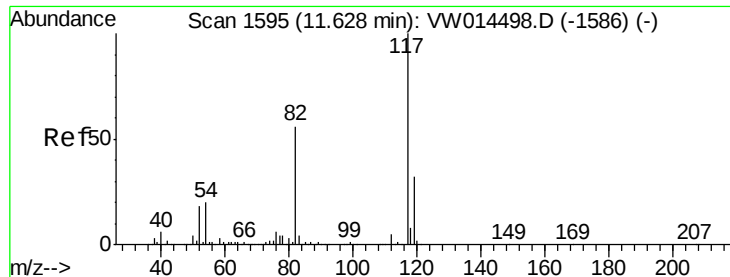
Ion Ratio Lower Upper

95 100

174 86.0 0.0 168.6

176 83.8 0.0 162.0

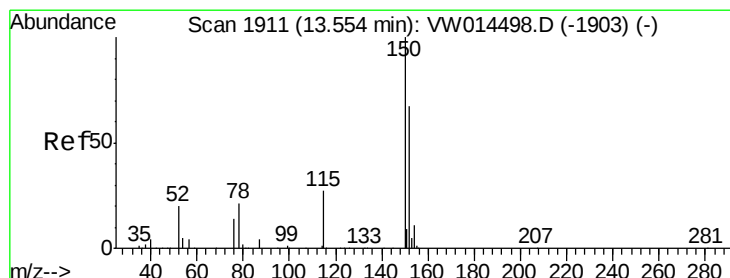
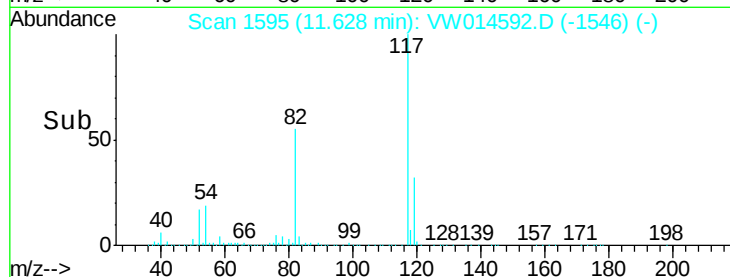
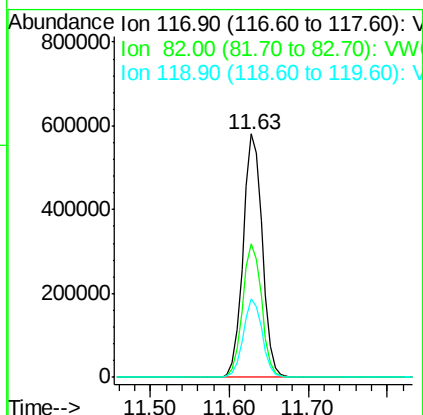
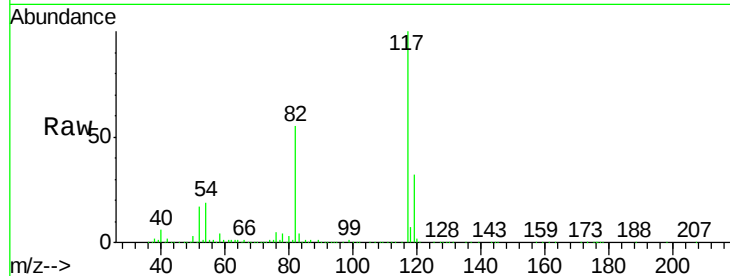




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	32.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014592.D
Acq: 09 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	156.6	0.0	343.4

