

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013704.D
 Acq On : 24 Oct 2019 08:45
 Operator : SY/VA
 Sample : K5503-14
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 172-80-(2)

Quant Time: Oct 24 10:58:38 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	298669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	129332	57.72	ug/l	0.00
Spiked Amount						
			Recovery	=	115.44%	
35) Dibromofluoromethane	7.88	113	133825	52.47	ug/l	0.00
Spiked Amount						
			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	539254	51.88	ug/l	0.00
Spiked Amount						
			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	152837	43.43	ug/l	0.00
Spiked Amount						
			Recovery	=	86.86%	

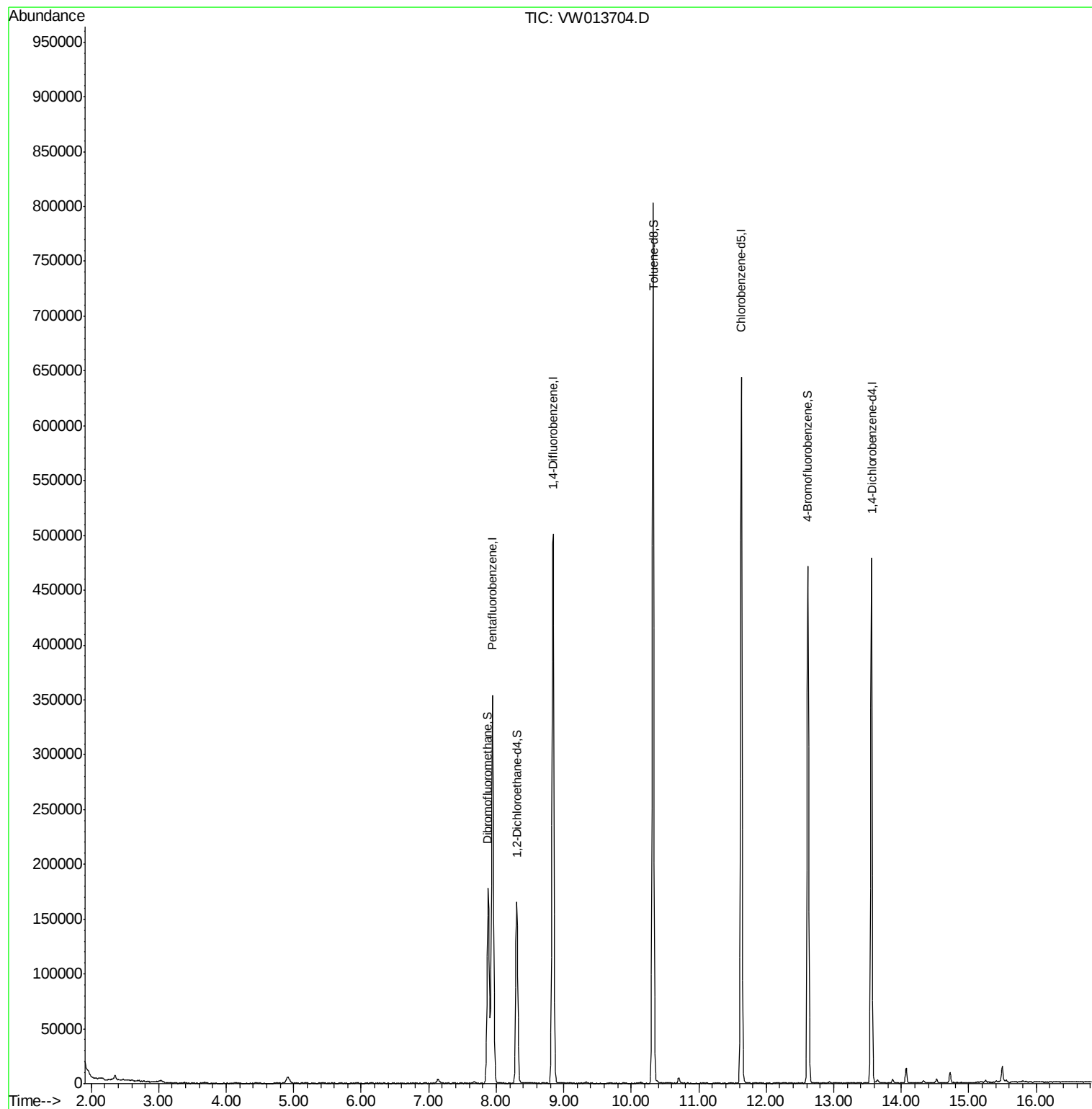
Target Compounds	Qvalue
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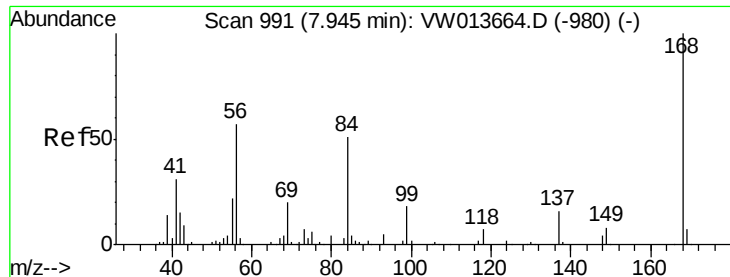
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013704.D

Acq: 24 Oct 2019 08:45

Instrument :

MSVOA_W

ClientSampleId :

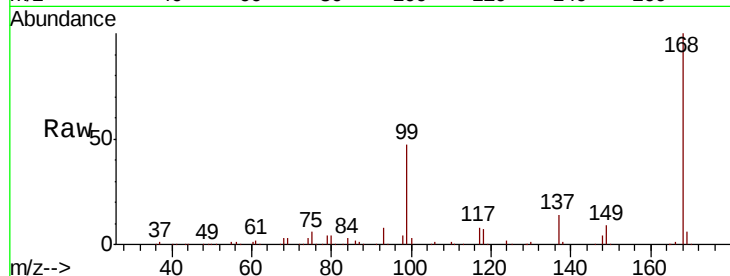
172-80-(2)

Tot Ion:168 Resp: 298669

Ion Ratio Lower Upper

168 100

99 46.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

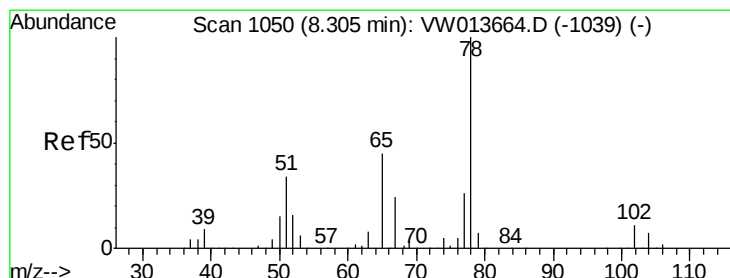
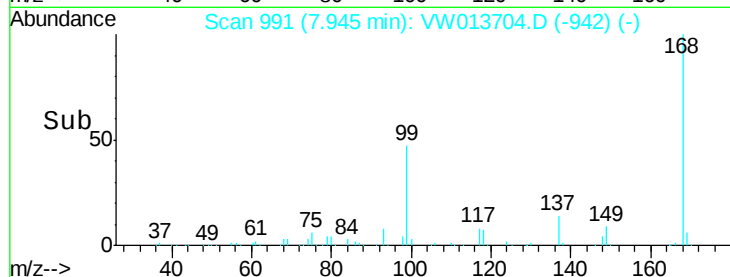
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 57.724 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013704.D

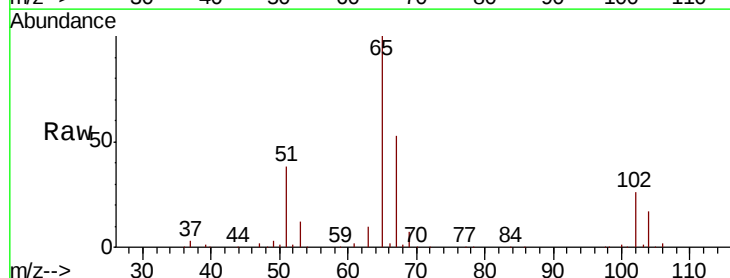
Acq: 24 Oct 2019 08:45

Tgt Ion: 65 Resp: 129332

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

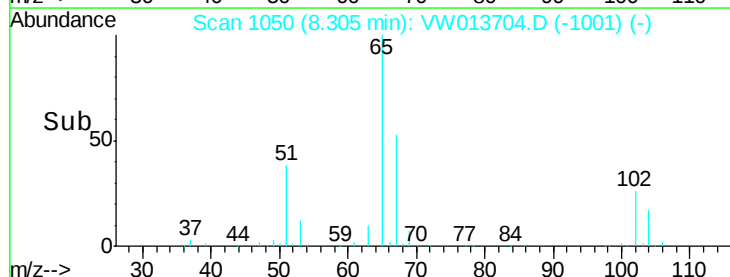
60000

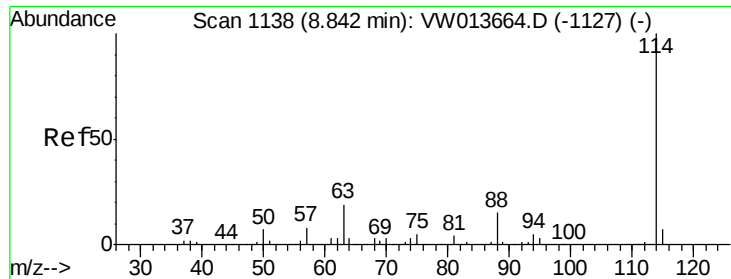
40000

20000

0

Time--> 8.20 8.30 8.40

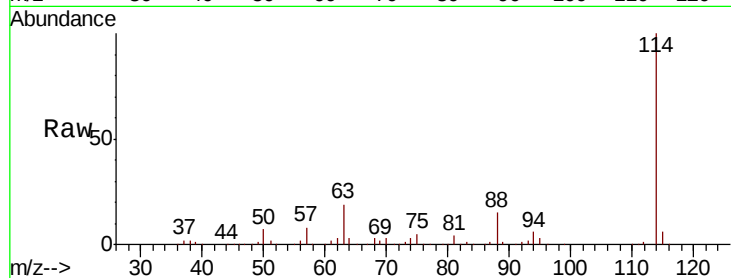




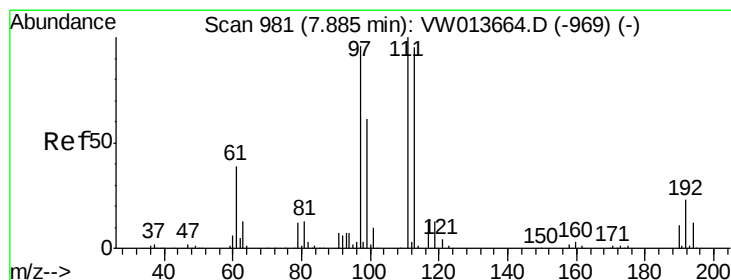
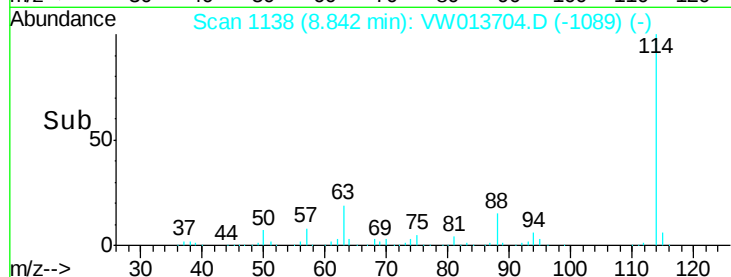
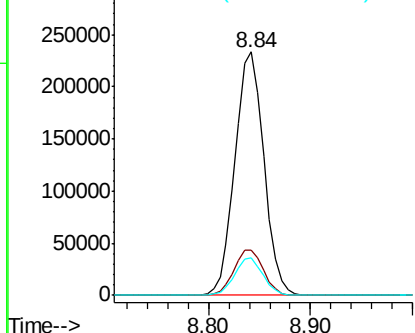
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Instrument :
MSVOA_W
ClientSampleId :
172-80-(2)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.6
88	15.5	0.0	30.2

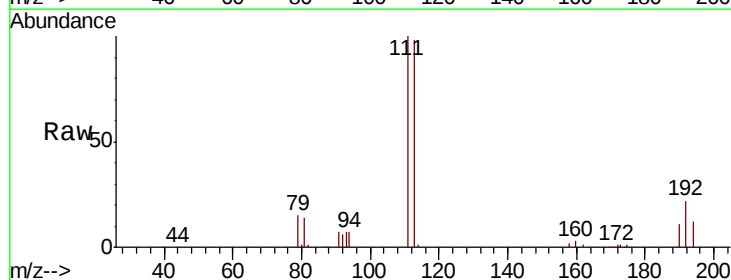


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

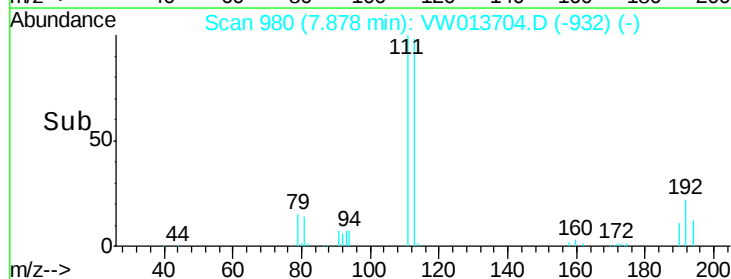
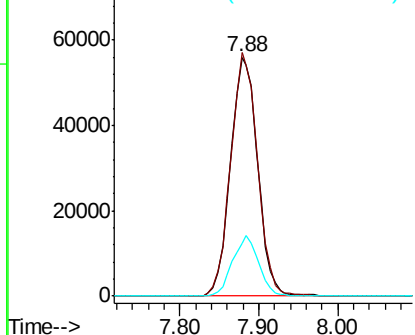


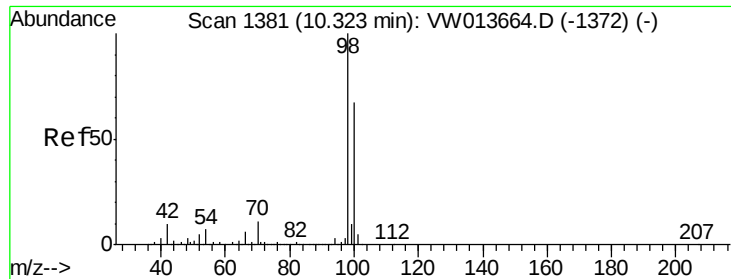
#35
Dibromofluoromethane
Concen: 52.467 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.0	124.6
192	24.3	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: 51.885 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

Instrument :

MSVOA_W

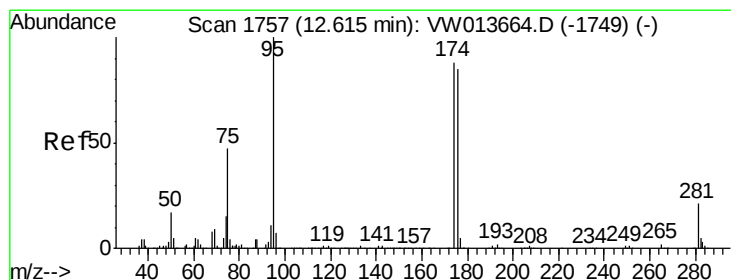
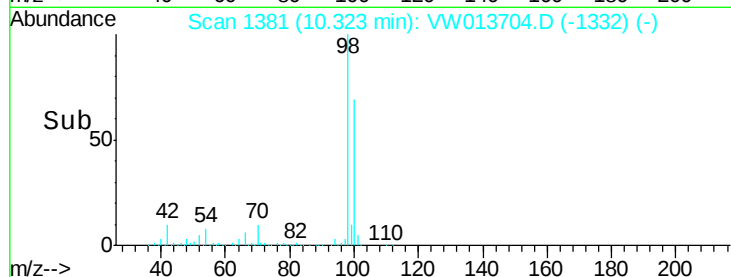
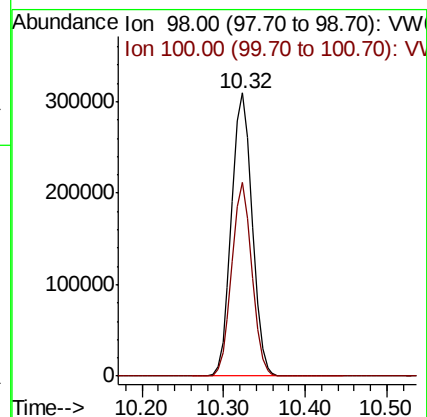
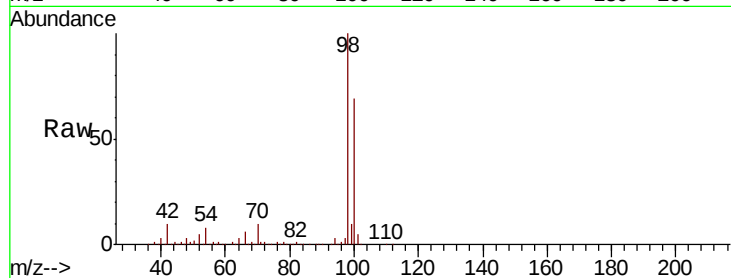
ClientSampleId :
172-80-(2)

Tot Ion: 98 Resp: 539254

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 43.429 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

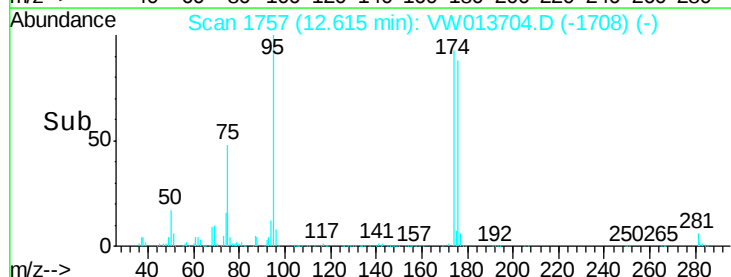
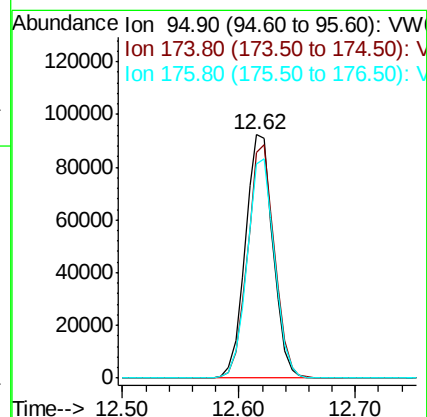
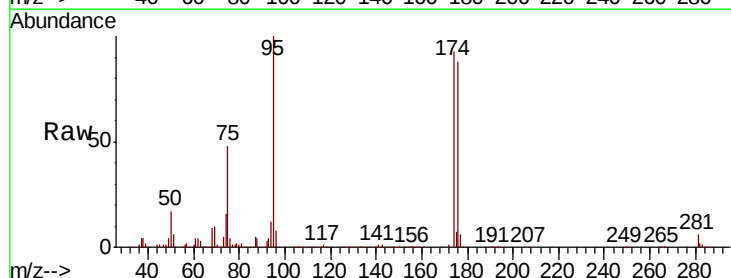
Tgt Ion: 95 Resp: 152837

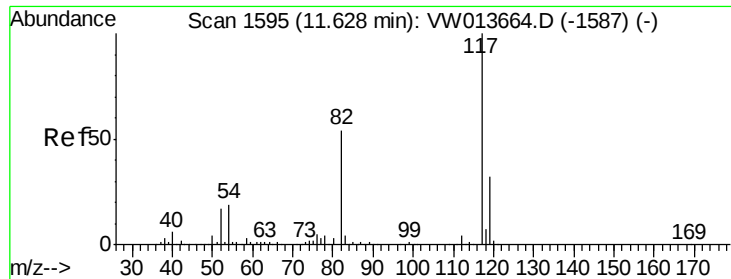
Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.6

176 89.3 0.0 178.0

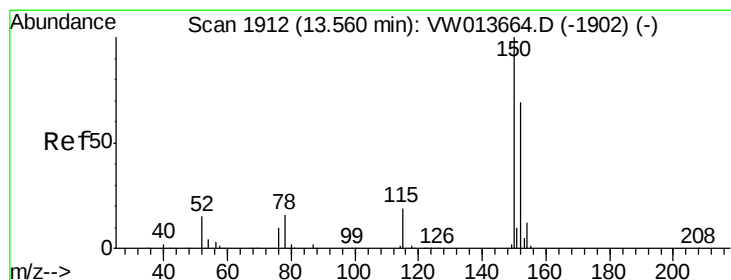
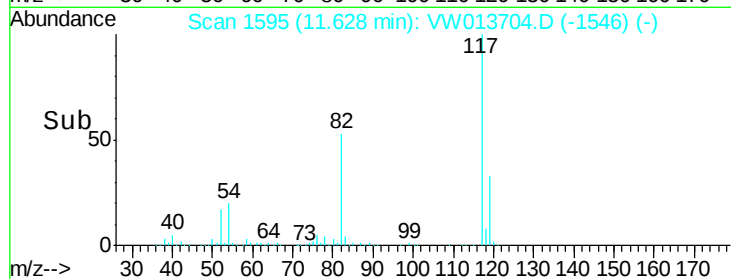
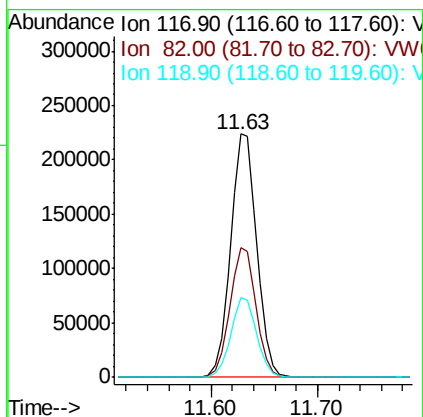
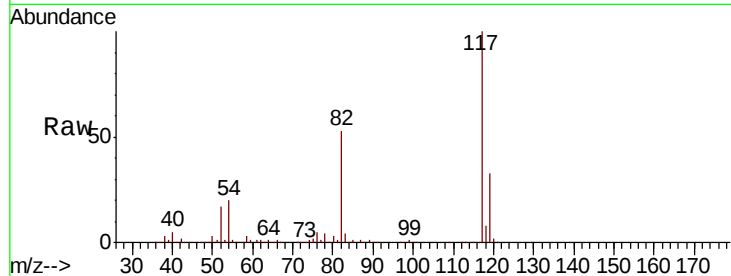




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Instrument :
MSVOA_W
ClientSampleId :
172-80-(2)

Tot Ion:117 Resp: 384784
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 33.0 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: VW013704.D
Acq: 24 Oct 2019 08:45

Tgt Ion:152 Resp: 142911
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 157.1 0.0 345.4

