

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013699.D
 Acq On : 24 Oct 2019 06:35
 Operator : SY/VA
 Sample : K5503-04
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 175-70-(2.5)

Quant Time: Oct 24 08:55:28 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	283066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116884	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	125168	58.95	ug/l	0.00
Spiked Amount						
			Recovery	=	117.90%	
35) Dibromofluoromethane	7.88	113	129634	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	497094	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	131482	38.98	ug/l	0.00
Spiked Amount						
			Recovery	=	77.96%	

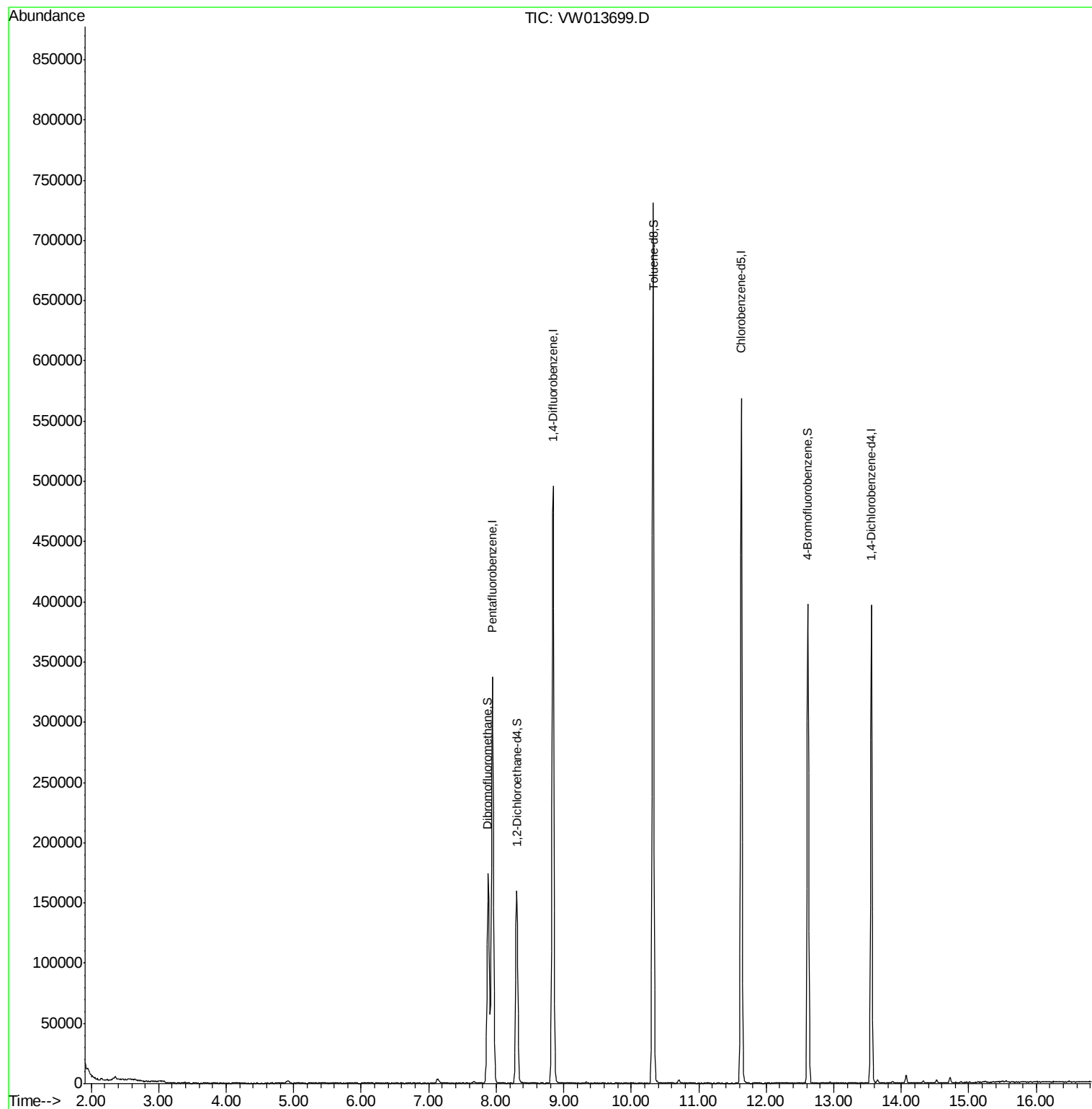
Target Compounds	Qvalue
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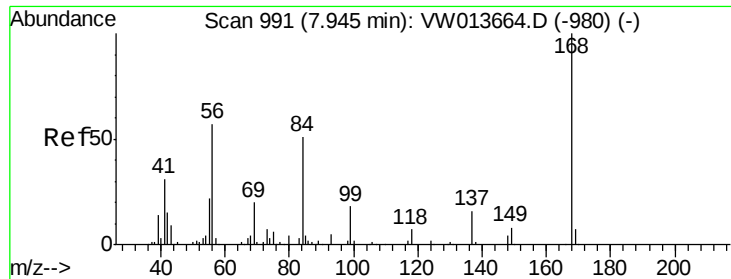
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

ClientSampleId :

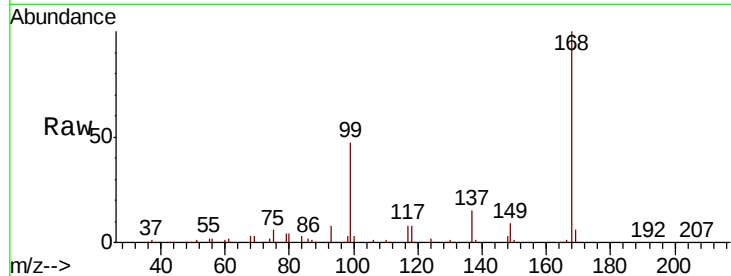
175-70-(2.5)

Tot Ion:168 Resp: 283066

Ion Ratio Lower Upper

168 100

99 46.9 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

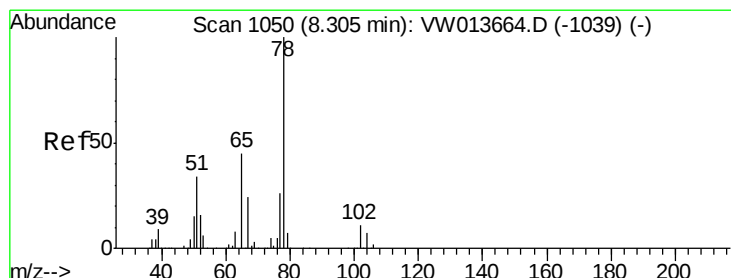
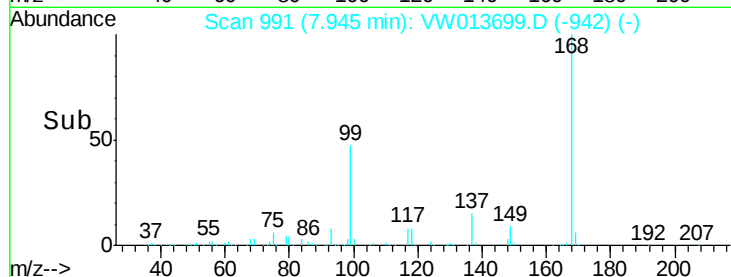
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 58.945 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013699.D

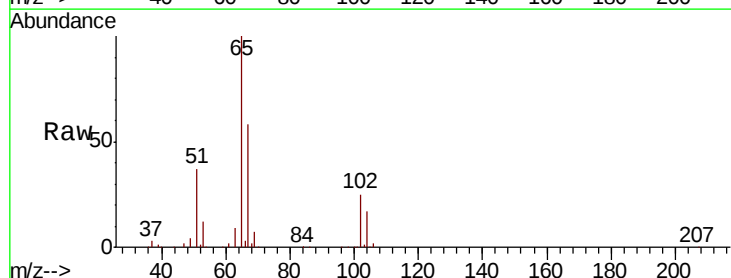
Acq: 24 Oct 2019 06:35

Tgt Ion: 65 Resp: 125168

Ion Ratio Lower Upper

65 100

67 53.6 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

50000

40000

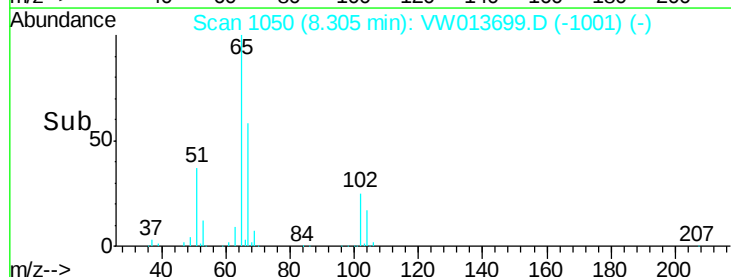
30000

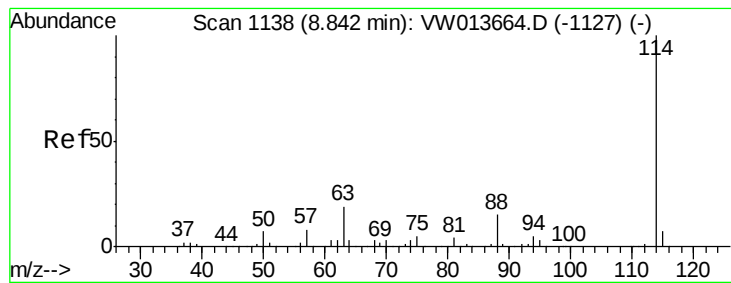
20000

10000

0

Time--> 8.20 8.25 8.30 8.35 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: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

ClientSampleId :

175-70-(2.5)

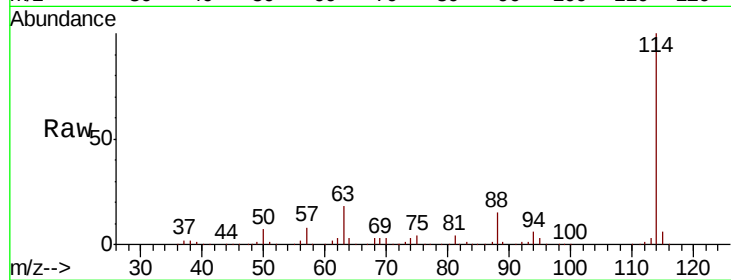
Tot Ion:114 Resp: 439941

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 15.0 0.0 30.2



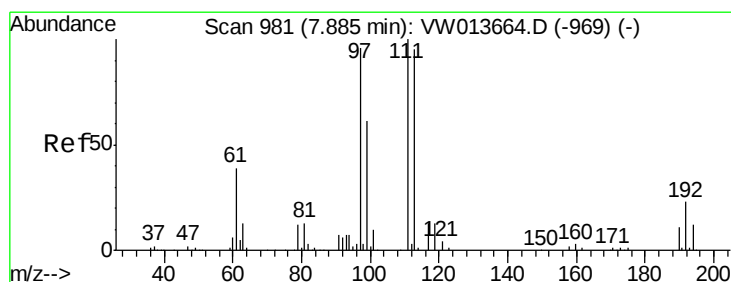
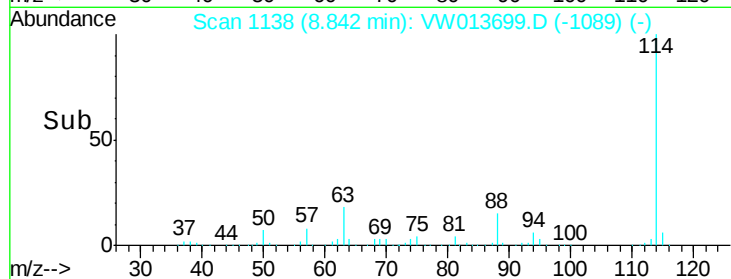
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time--> 8.70 8.80 8.90



#35

Dibromofluoromethane

Concen: 53.030 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

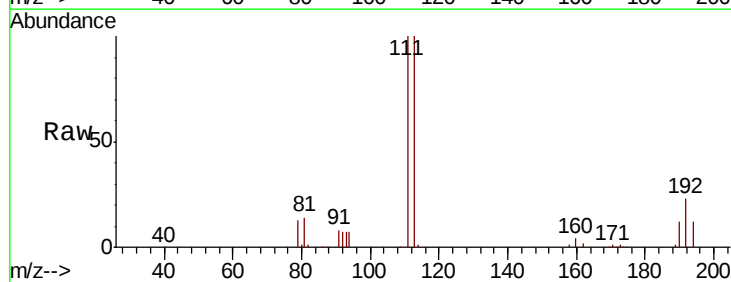
Tgt Ion:113 Resp: 129634

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 24.4 19.4 29.2



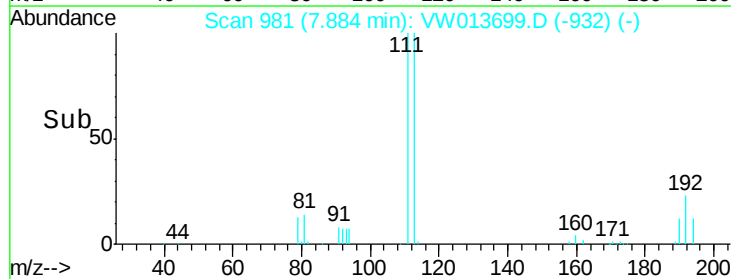
Abundance Ion 112.80 (112.50 to 113.50): V

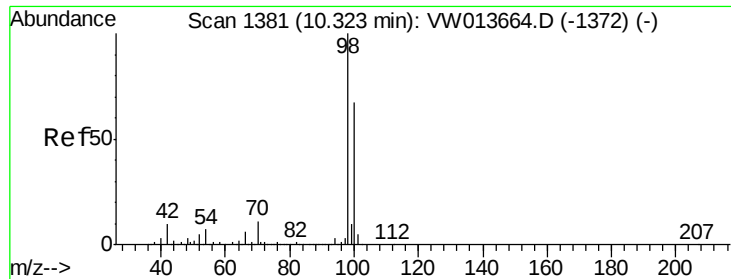
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 49.904 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

ClientSampleId :

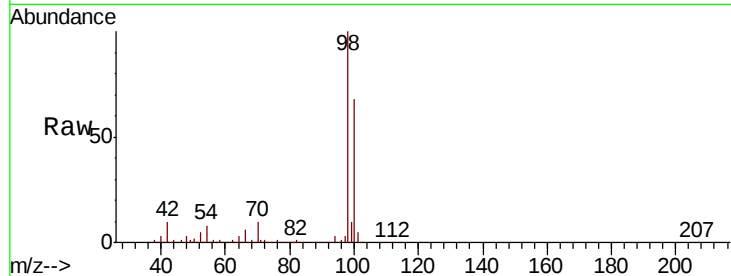
175-70-(2.5)

Tot Ion: 98 Resp: 497094

Ion Ratio Lower Upper

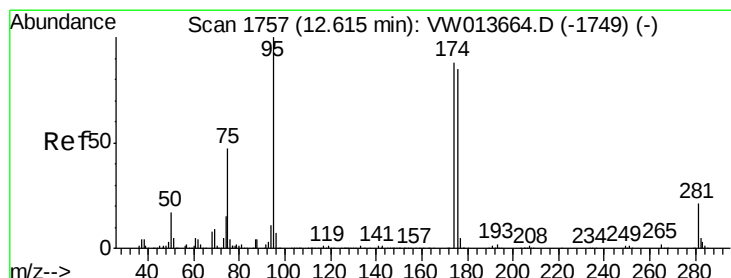
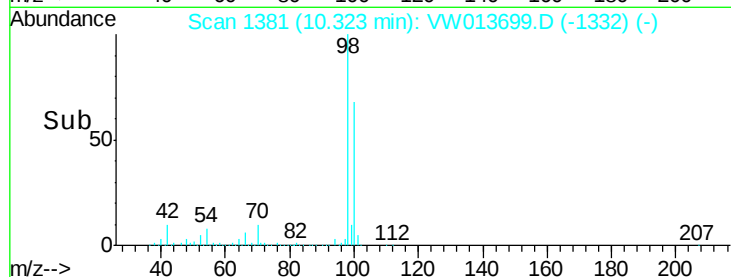
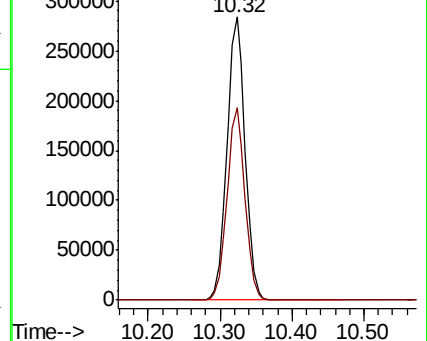
98 100

100 67.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.983 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

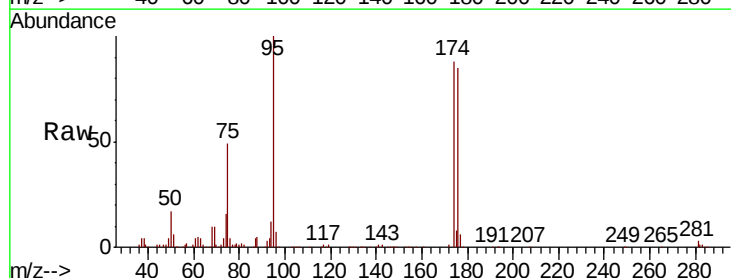
Tgt Ion: 95 Resp: 131482

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.6

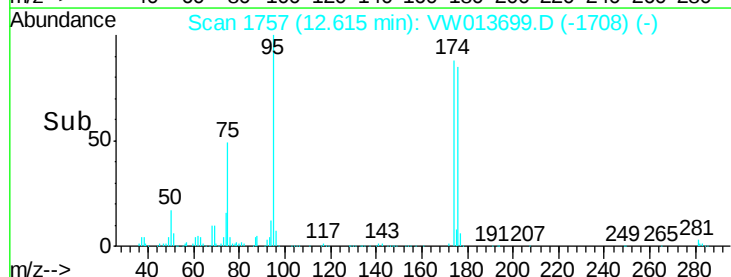
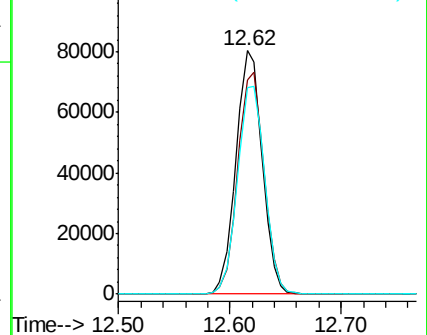
176 88.2 0.0 178.0

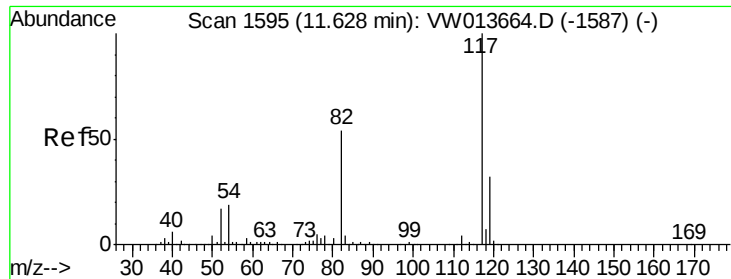


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

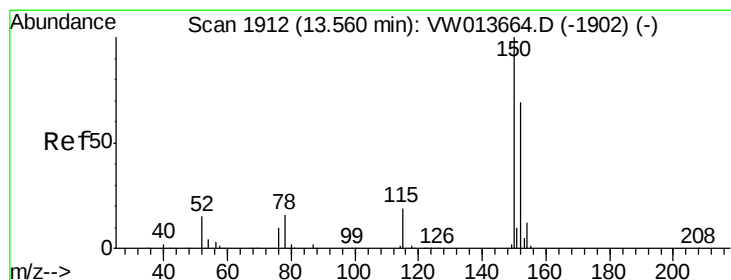
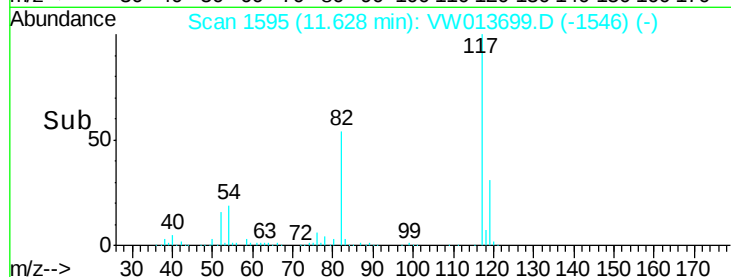
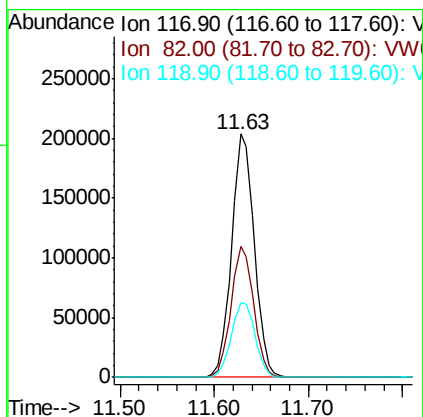
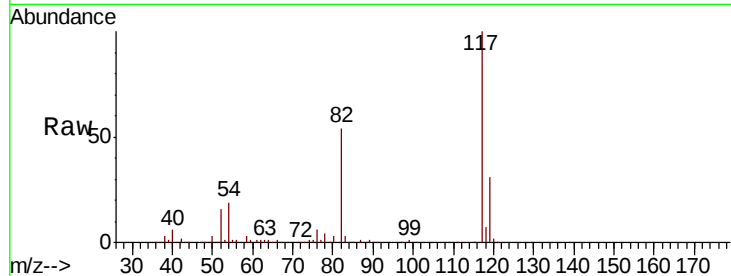




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Instrument :
MSVOA_W
ClientSampleId :
175-70-(2.5)

Tot Ion:117 Resp: 339989
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 30.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Tgt Ion:152 Resp: 116884
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 153.9 0.0 345.4

