

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007886.D
 Acq On : 24 Dec 2018 14:08
 Operator : SY/AP
 Sample : J6446-10
 Misc : 4.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS021-1218-01

Quant Time: Dec 26 02:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27322	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40413	57.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.72%	
35) Dibromofluoromethane	7.88	113	35250	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.32	98	119740	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	35414	38.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.38%	

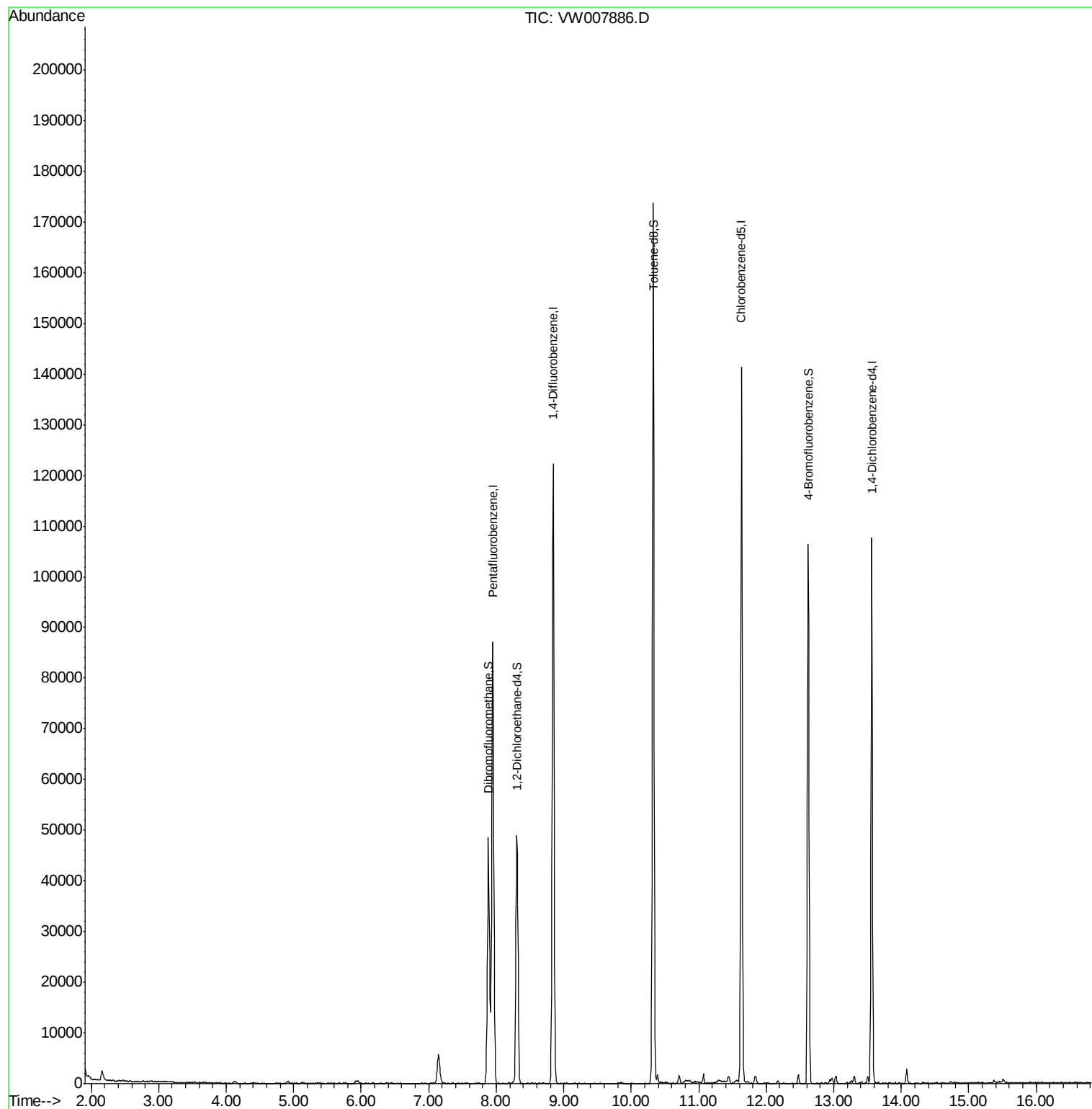
Target Compounds	Qvalue

(#) = 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# 992

Delta R.T. 0.01 min

Lab File: VW007886.D

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Instrument :

MSVOA_W

ClientSampleId :

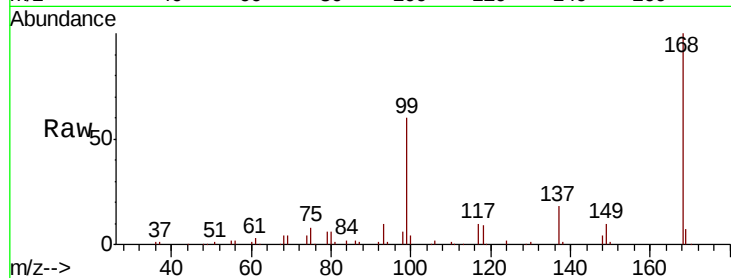
P001-SS021-1218-01

Tot Ion:168 Resp: 63727

Ion Ratio Lower Upper

168 100

99 60.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

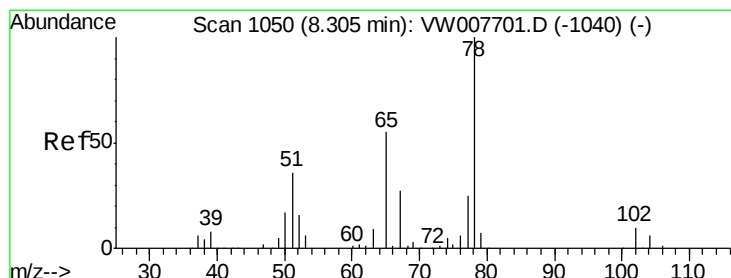
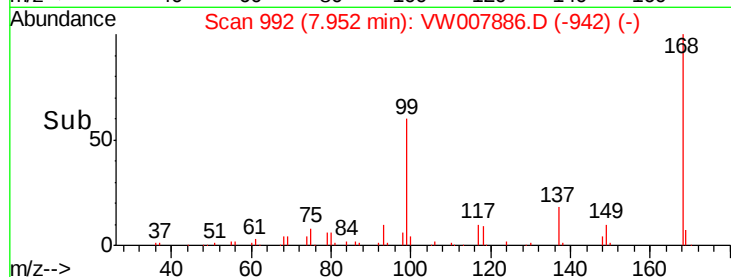
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 57.859 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007886.D

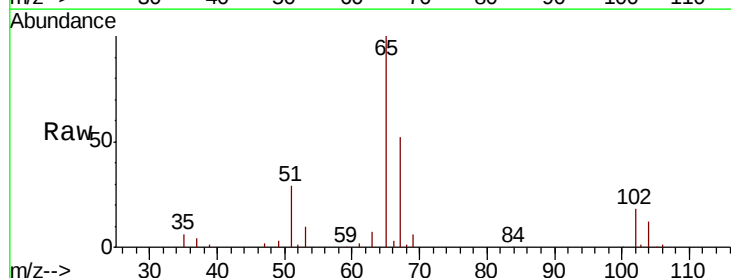
Acq: 24 Dec 2018 14:08

Tgt Ion: 65 Resp: 40413

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

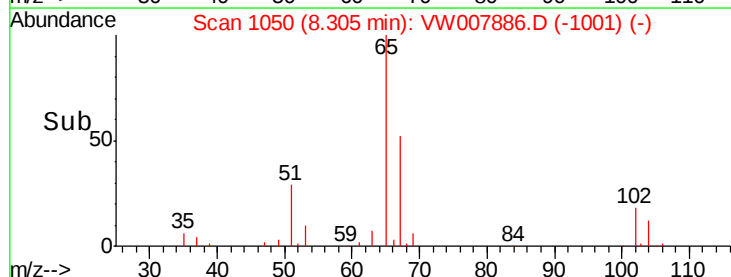
10000

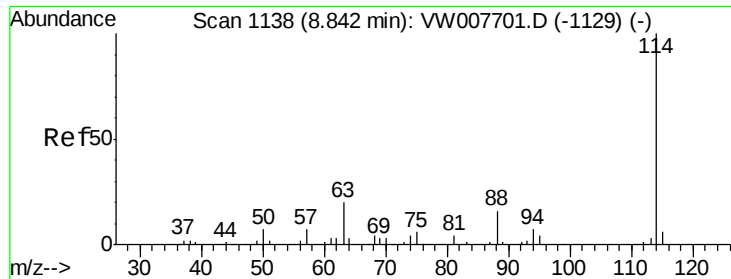
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

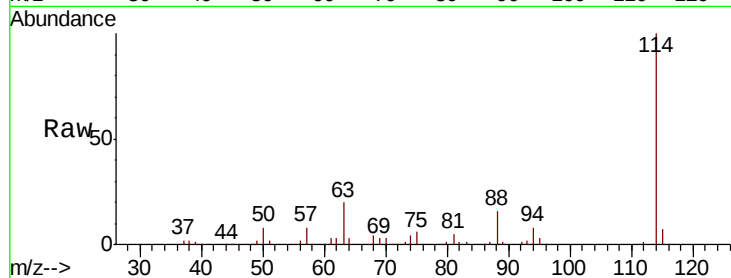




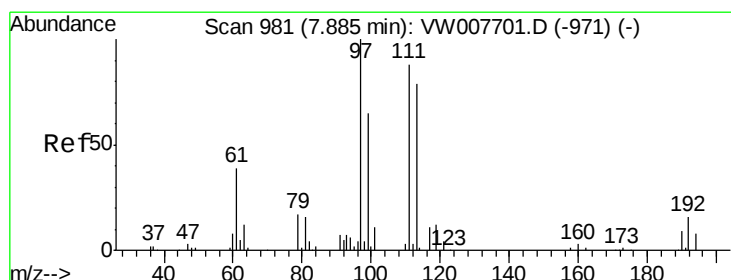
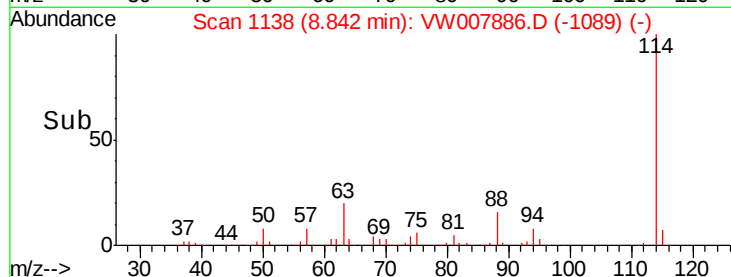
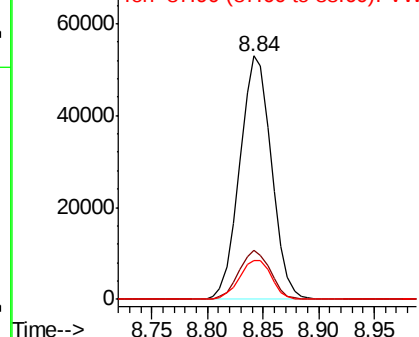
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS021-1218-01

Tot Ion:114 Resp: 104377
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 16.1 0.0 32.6

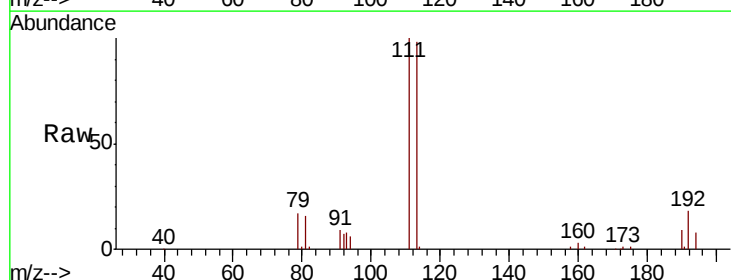


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

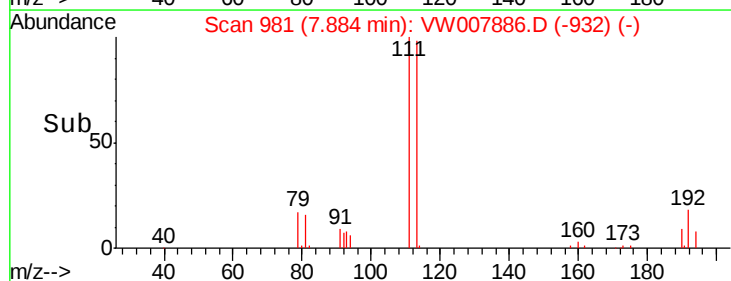
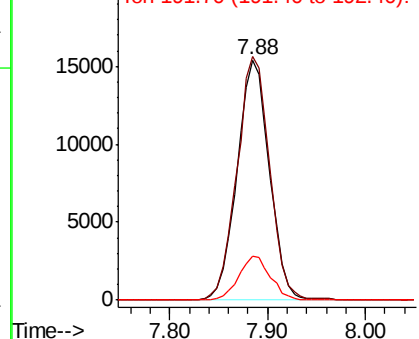


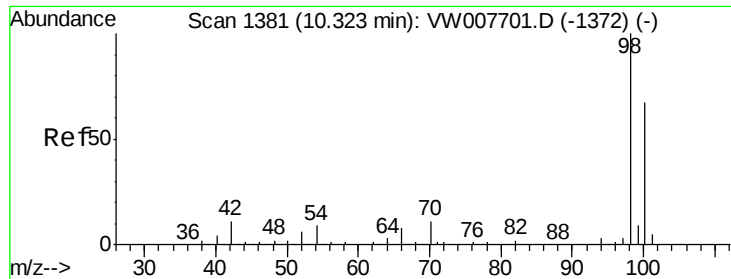
#35
 Dibromofluoromethane
 Concen: 55.359 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

Tgt Ion:113 Resp: 35250
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 124.0
 192 17.9 15.5 23.3



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: 49.882 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

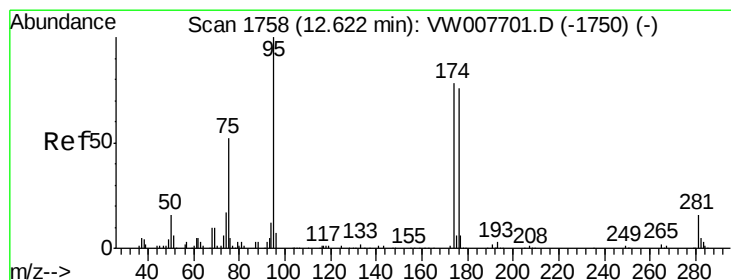
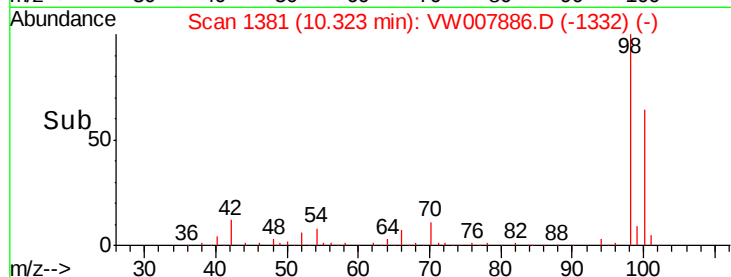
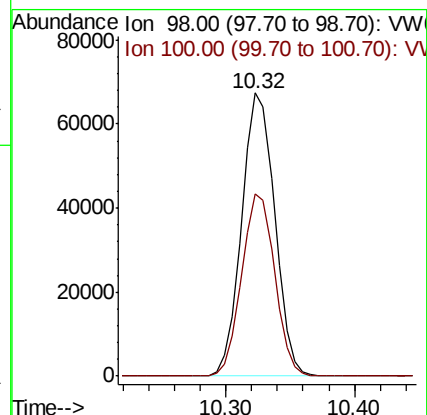
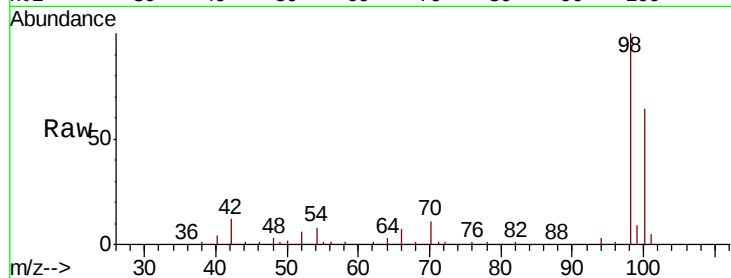
P001-SS021-1218-01

Tot Ion: 98 Resp: 119740

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 38.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

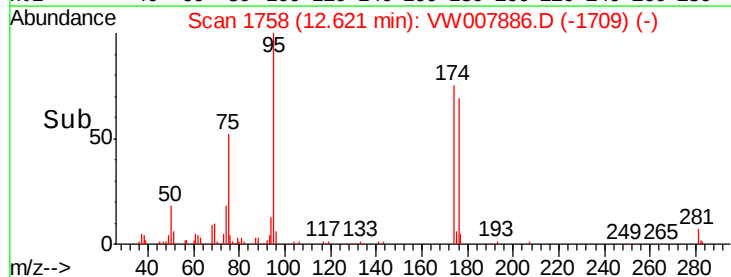
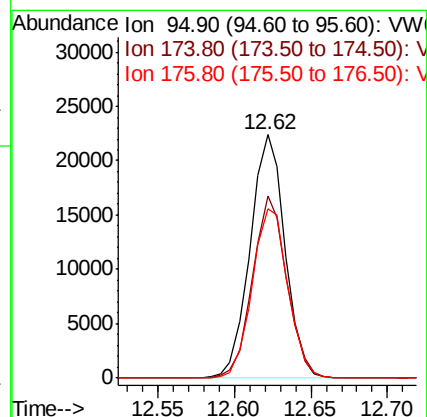
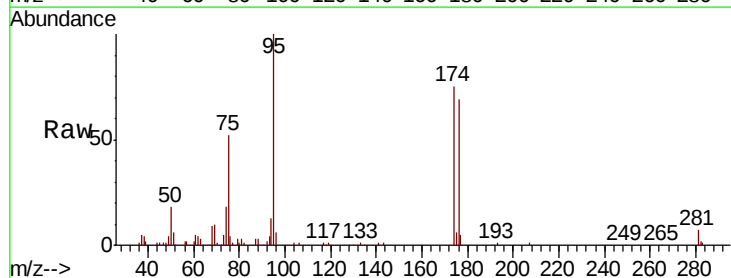
Tgt Ion: 95 Resp: 35414

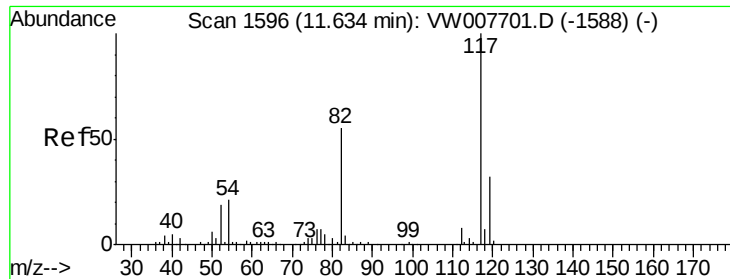
Ion Ratio Lower Upper

95 100

174 73.5 0.0 152.2

176 71.2 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS021-1218-01

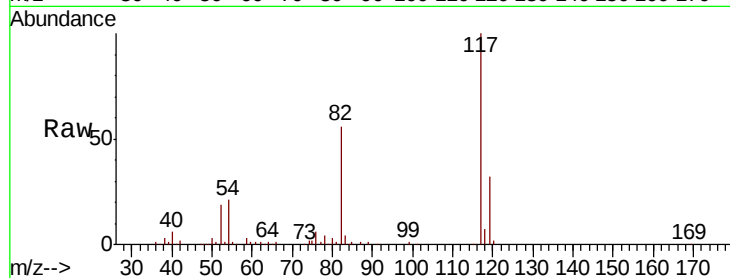
Tot Ion:117 Resp: 77777

Ion Ratio Lower Upper

117 100

82 55.9 44.3 66.5

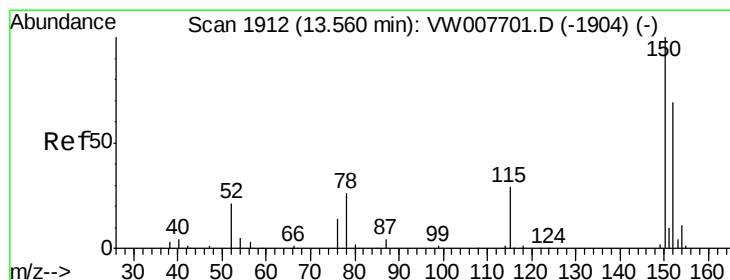
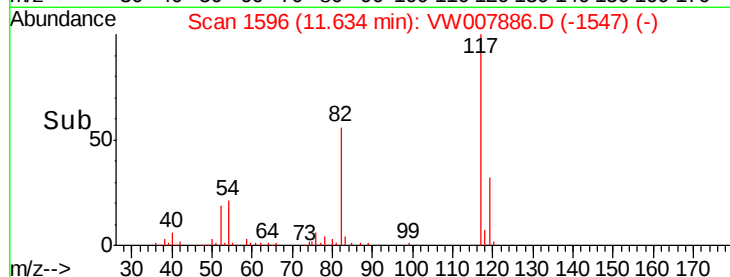
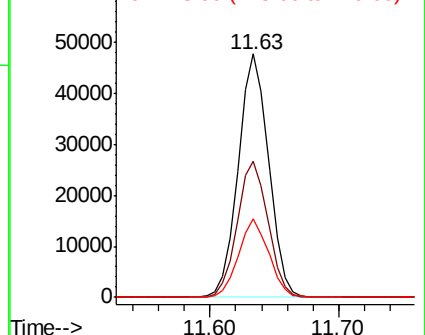
119 31.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW007886.D

Acq: 24 Dec 2018 14:08

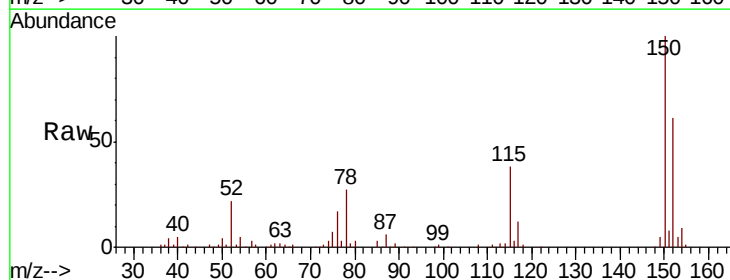
Tgt Ion:152 Resp: 27322

Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

150 159.6 0.0 350.8



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

