

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005705.D
 Acq On : 27 Sep 2018 17:26
 Operator : VA/AP
 Sample : J5102-02RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1ARE

Quant Time: Sep 28 02:15:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72574	61.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.36%	
35) Dibromofluoromethane	7.89	113	55112	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
50) Toluene-d8	10.33	98	188344	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.62	95	53826	35.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.44%	

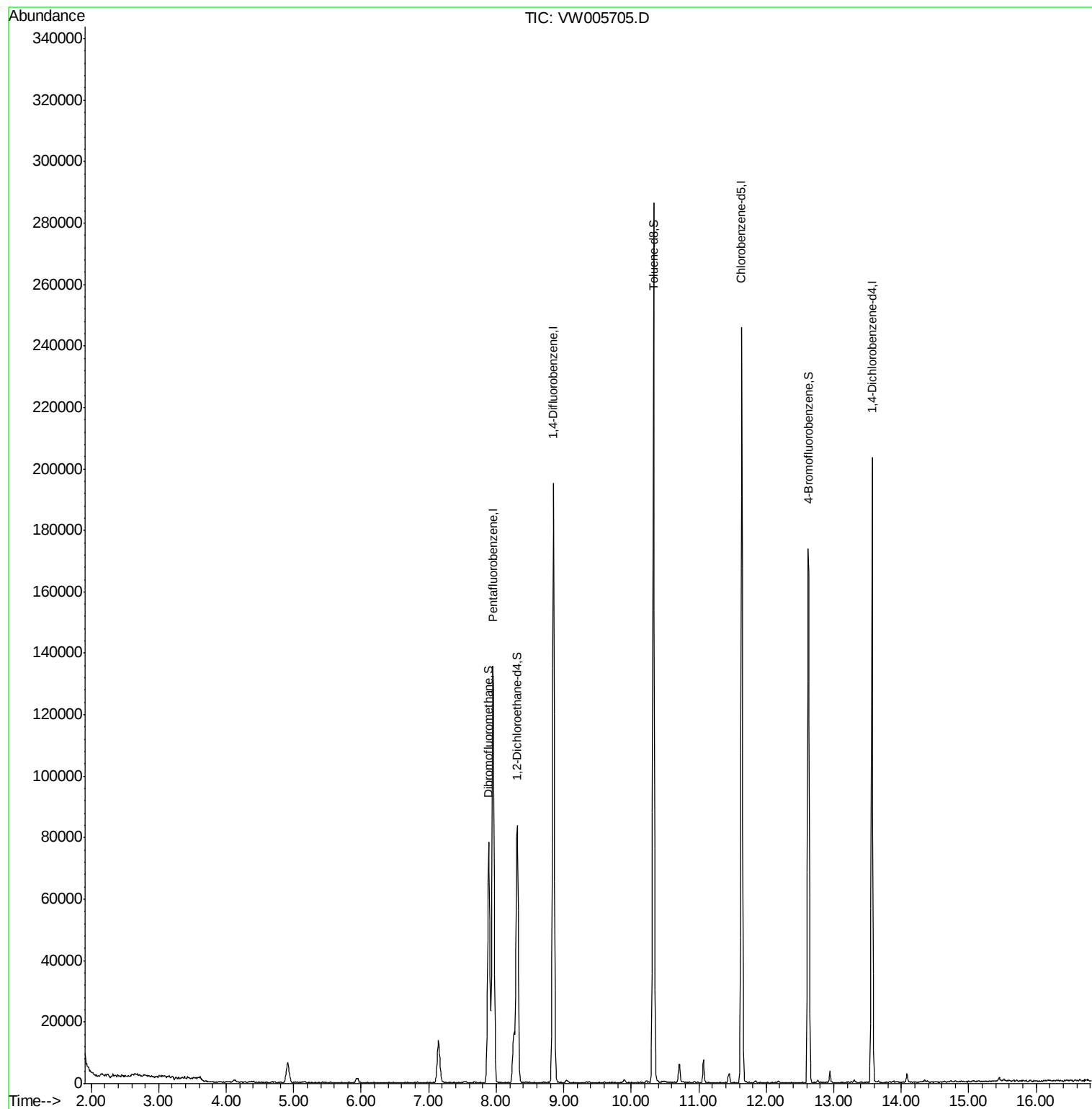
Target Compounds	Qvalue

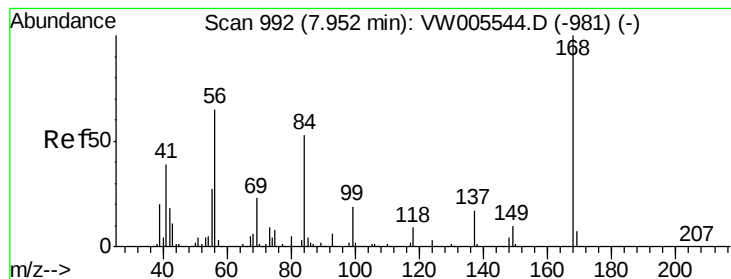
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

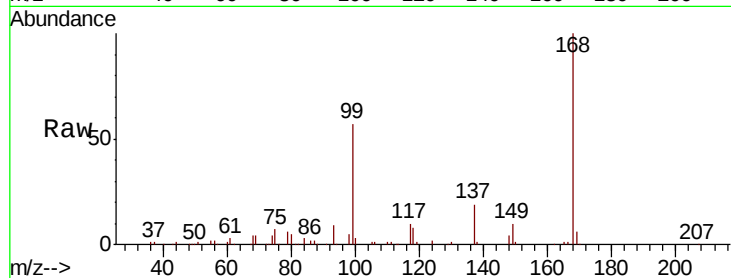
C-1ARE

Tot Ion:168 Resp: 99884

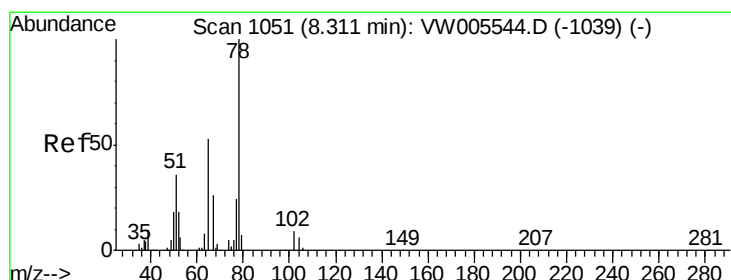
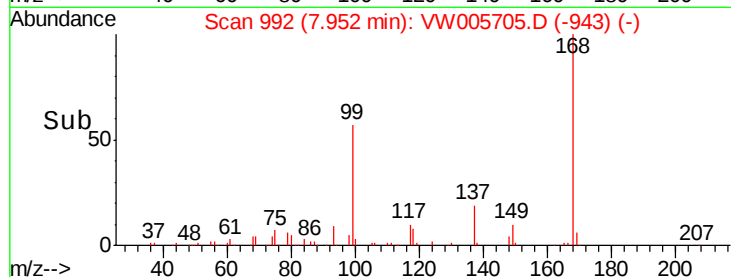
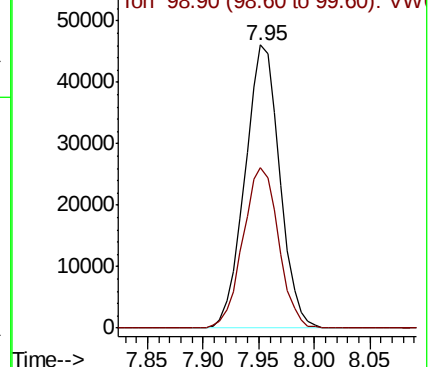
Ion Ratio Lower Upper

168 100

99 56.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW005544.D (-981) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.676 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005705.D

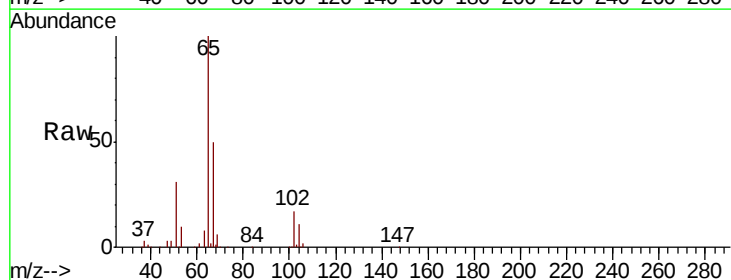
Acq: 27 Sep 2018 17:26

Tgt Ion: 65 Resp: 72574

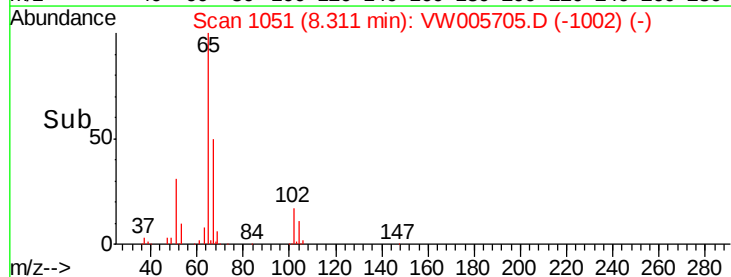
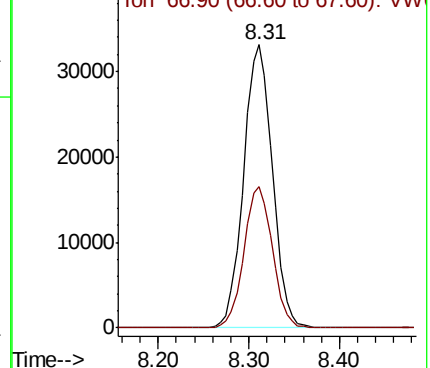
Ion Ratio Lower Upper

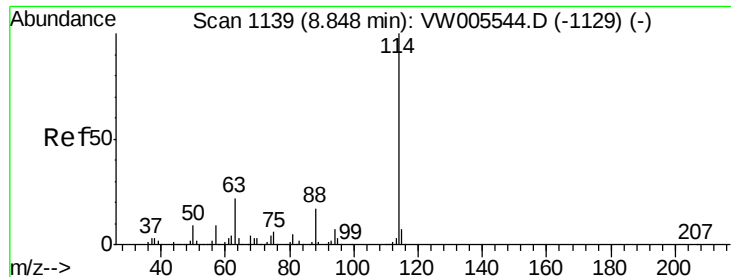
65 100

67 49.4 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW005544.D (-1039) (-)

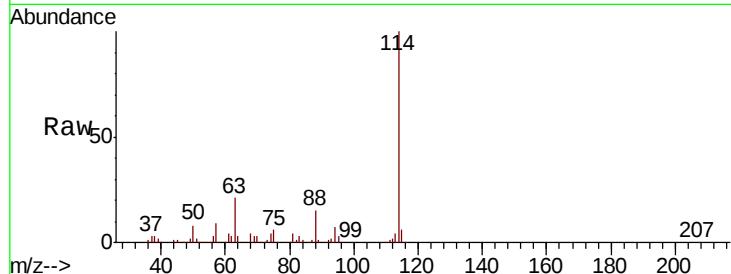




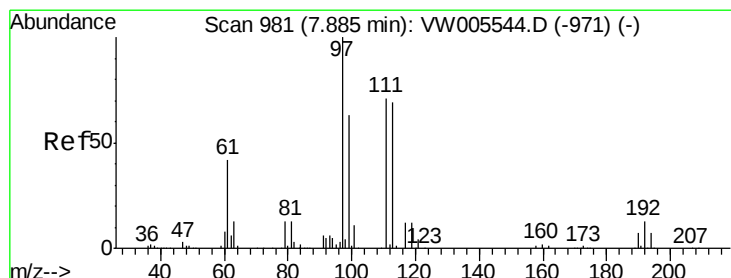
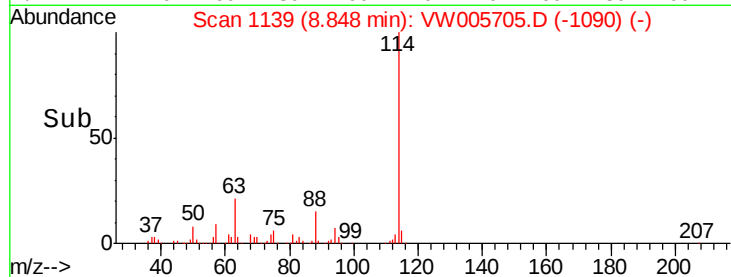
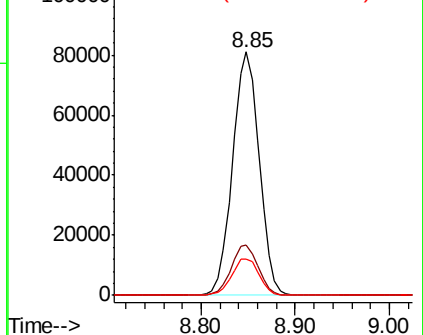
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005705.D
 Acq: 27 Sep 2018 17:26

Instrument :
 MSVOA_W
 ClientSampled :
 C-1ARE

Tot Ion:114 Resp: 159052
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.0
 88 15.1 0.0 33.0

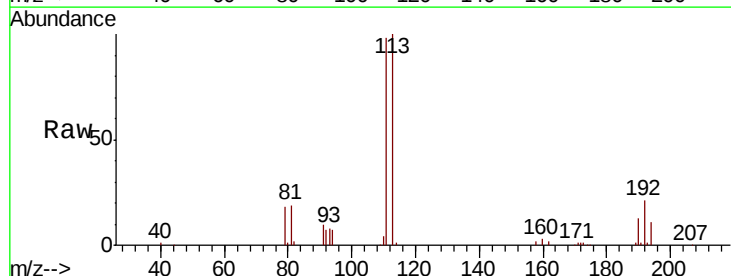


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

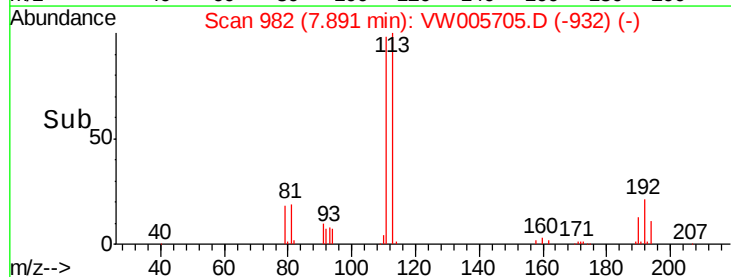
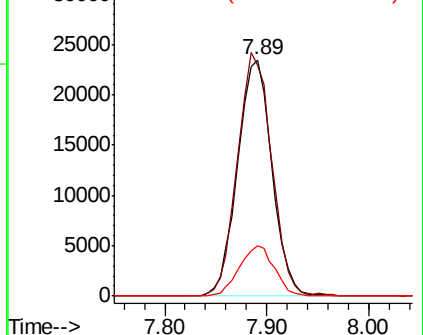


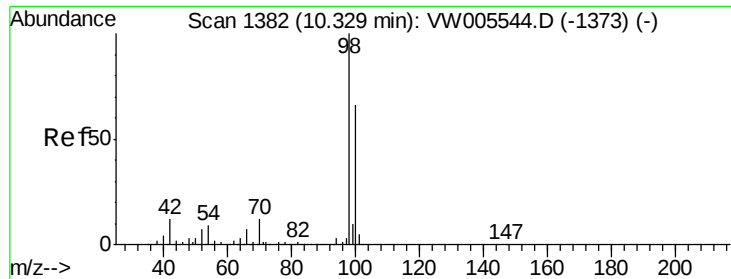
#35
 Dibromofluoromethane
 Concen: 55.100 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005705.D
 Acq: 27 Sep 2018 17:26

Tgt Ion:113 Resp: 55112
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 21.5 17.0 25.4



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: 46.246 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

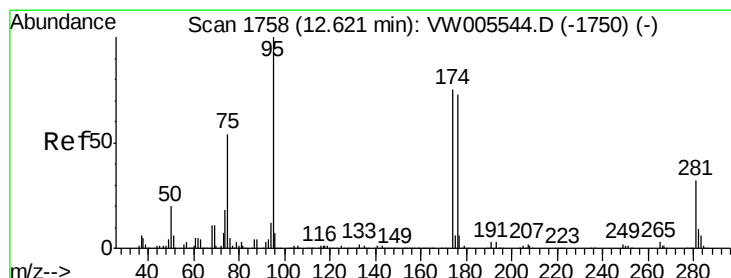
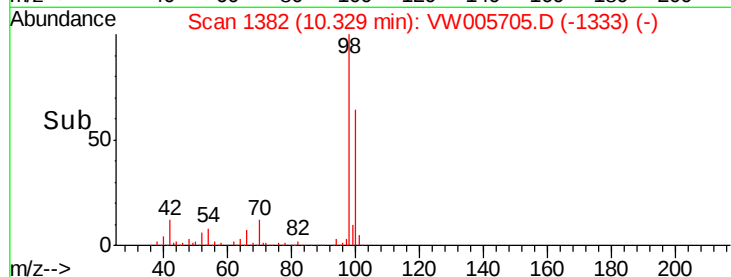
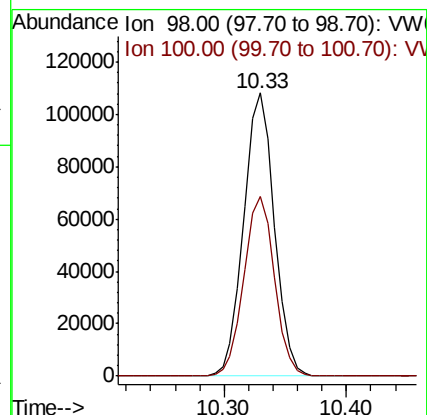
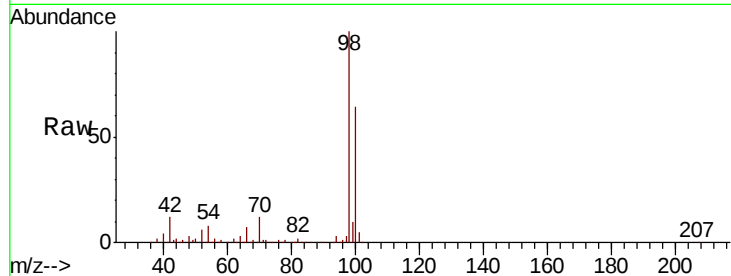
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Tot Ion: 98 Resp: 188344

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 35.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

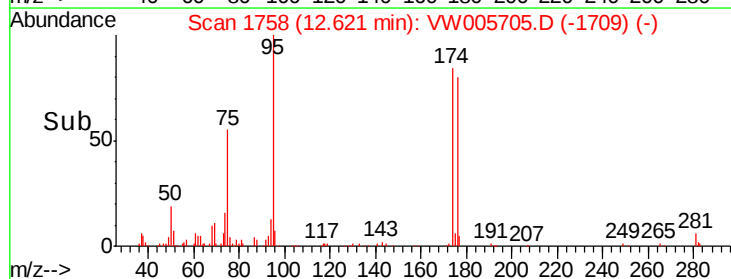
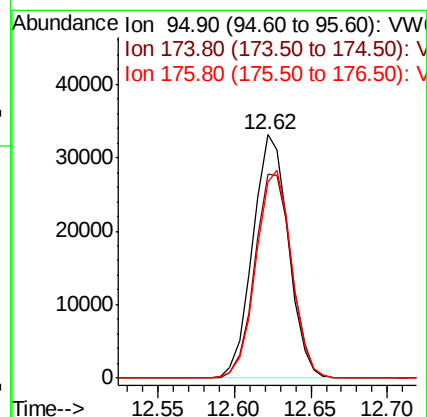
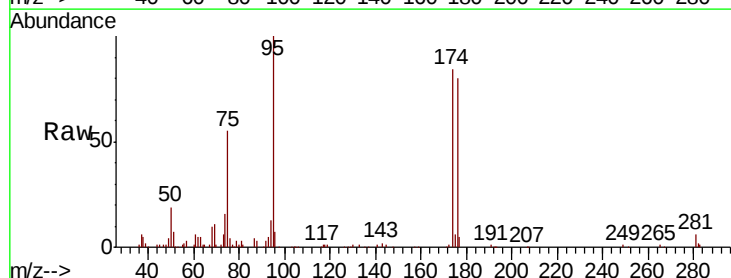
Tgt Ion: 95 Resp: 53826

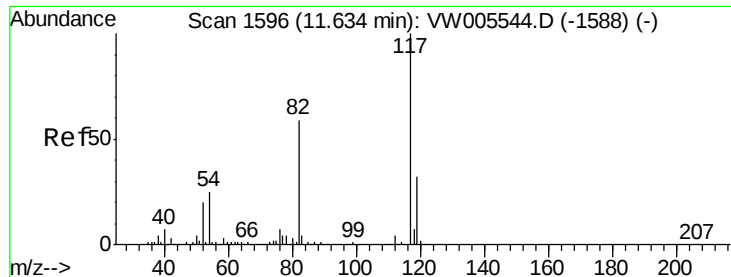
Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.8

176 85.1 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

C-1ARE

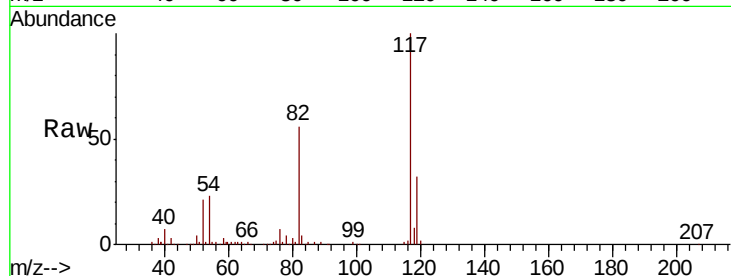
Tot Ion:117 Resp: 135322

Ion Ratio Lower Upper

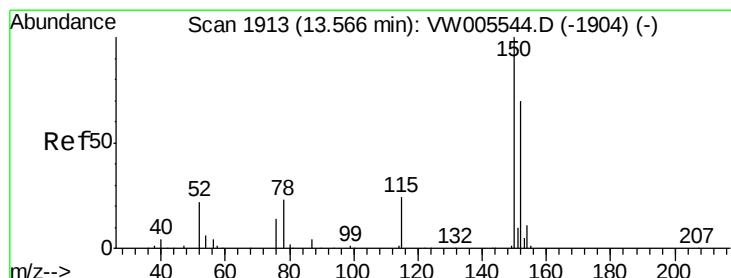
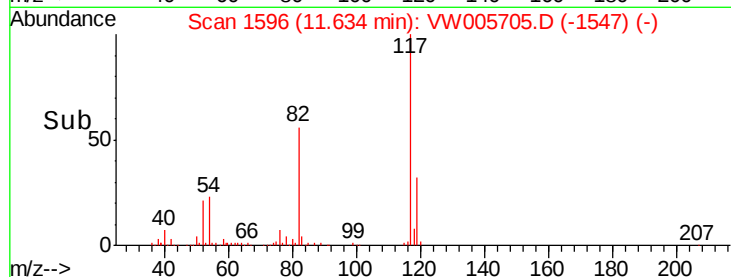
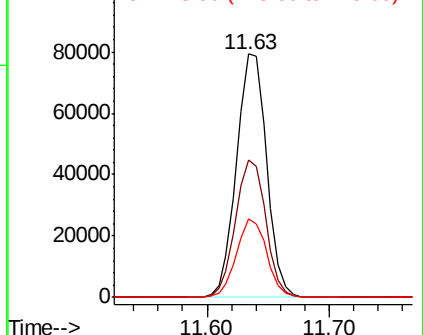
117 100

82 56.4 46.9 70.3

119 32.0 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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

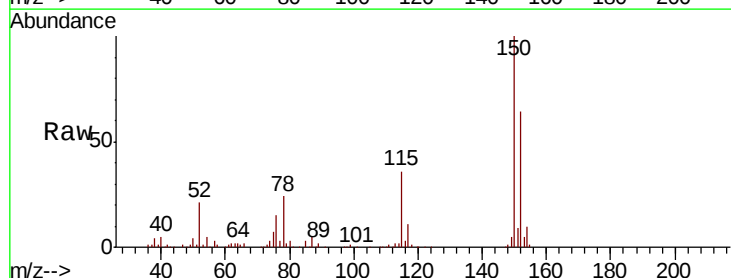
Tgt Ion:152 Resp: 52964

Ion Ratio Lower Upper

152 100

115 55.7 30.0 90.0

150 153.7 0.0 348.6



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

