

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007009.D
 Acq On : 21 Nov 2018 19:15
 Operator : VAY/AP
 Sample : J6000-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-12072-11929

Quant Time: Nov 22 05:39:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	124726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44671	59.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.46%	
35) Dibromofluoromethane	7.89	113	37962	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	10.33	98	127812	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
62) 4-Bromofluorobenzene	12.62	95	40595	33.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.34%	

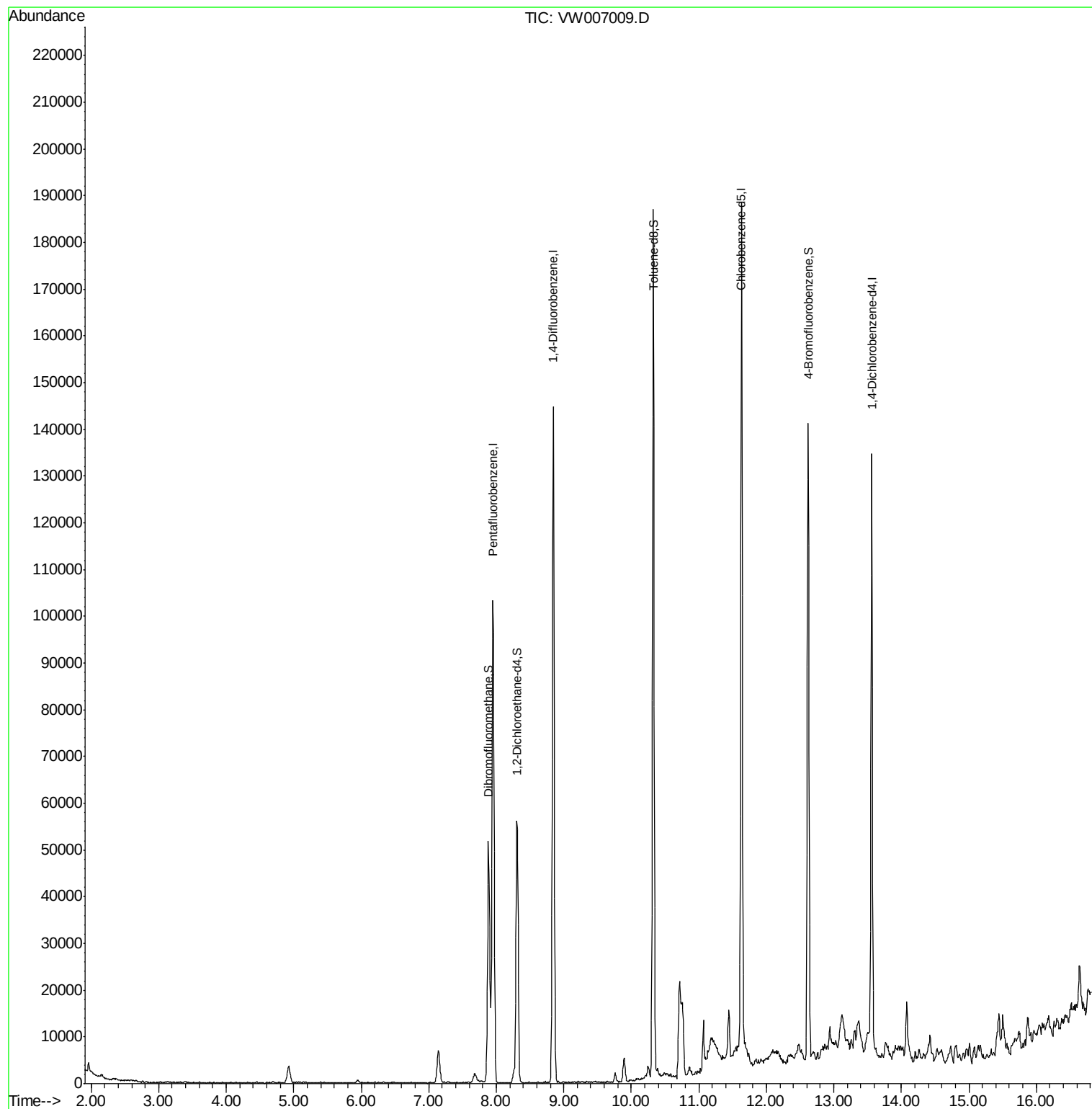
Target Compounds	Qvalue

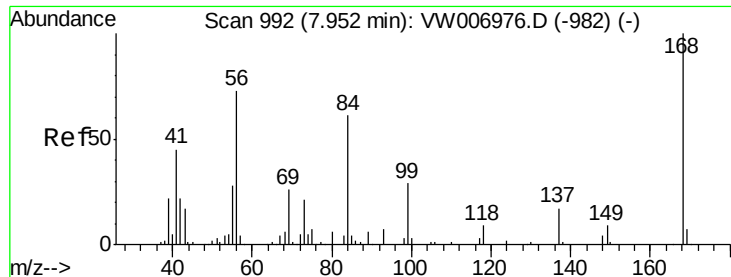
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007009.D

Acq: 21 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

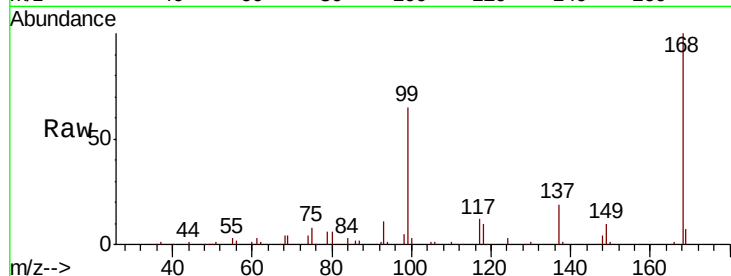
FS-12072-11929

Tot Ion:168 Resp: 76391

Ion Ratio Lower Upper

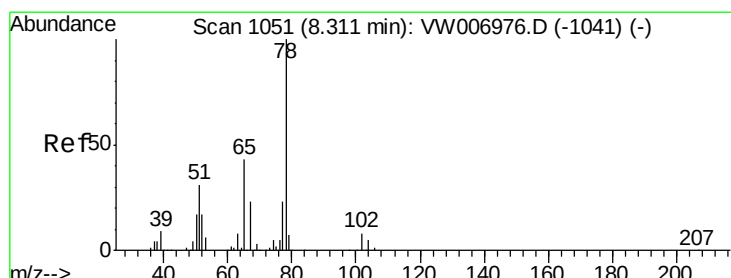
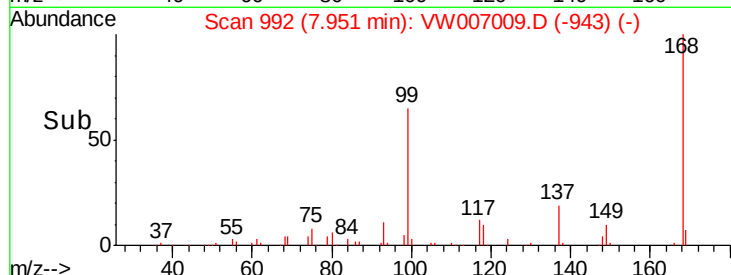
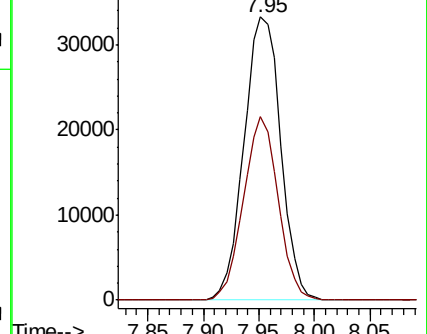
168 100

99 64.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.730 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007009.D

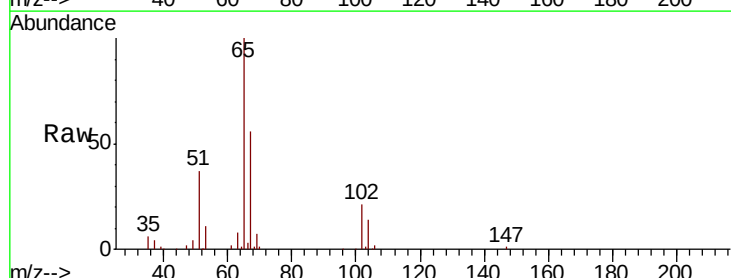
Acq: 21 Nov 2018 19:15

Tgt Ion: 65 Resp: 44671

Ion Ratio Lower Upper

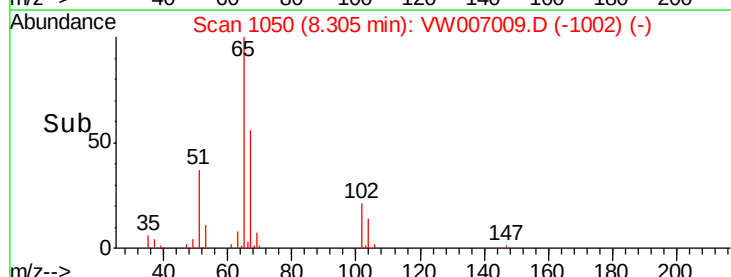
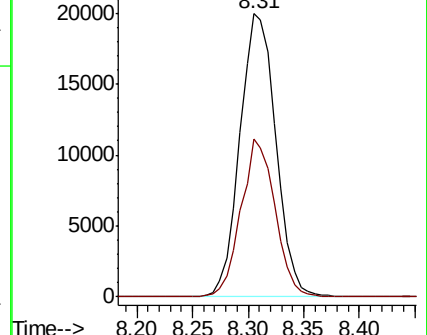
65 100

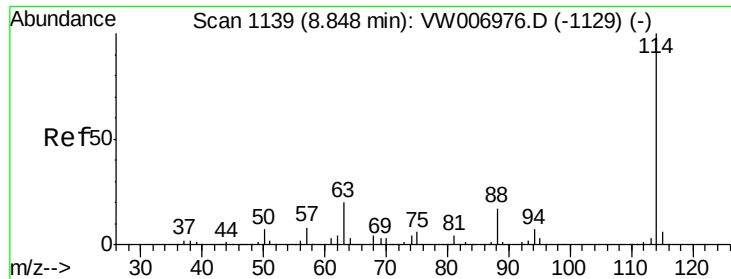
67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

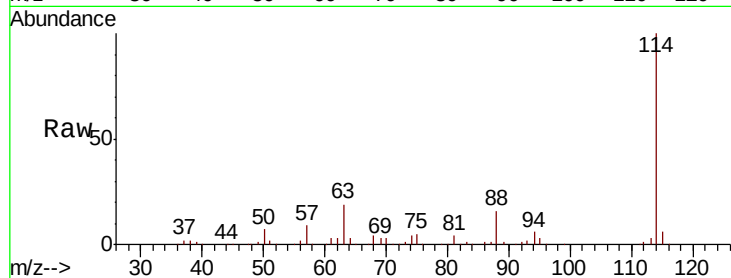




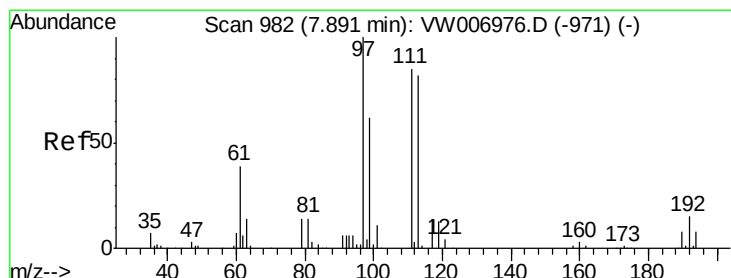
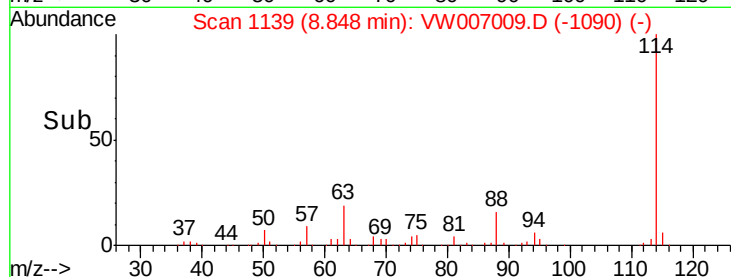
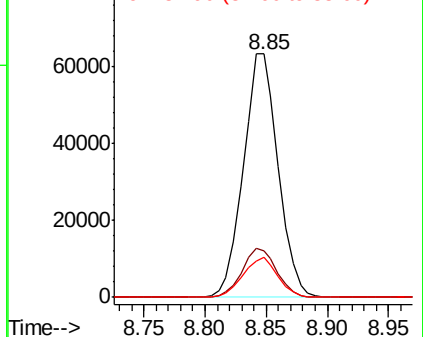
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007009.D
 Acq: 21 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-12072-11929

Tot Ion:114 Resp: 124726
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 16.3 0.0 34.2

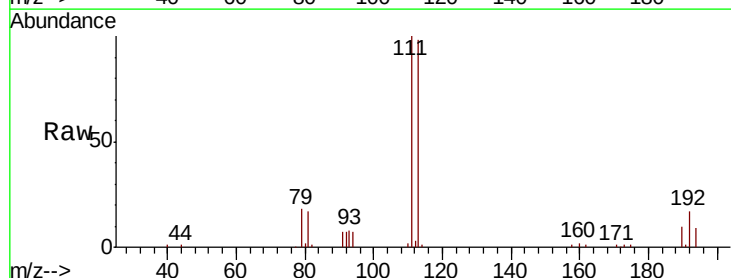


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

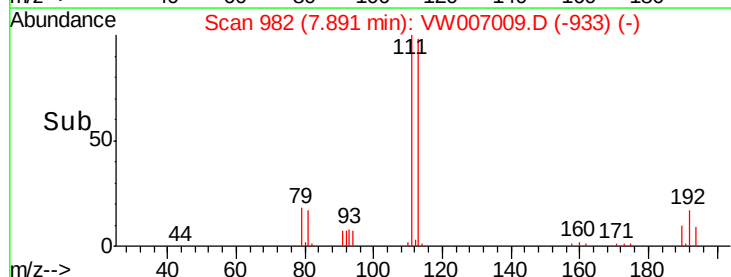
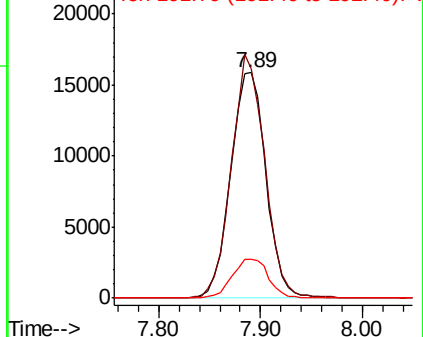


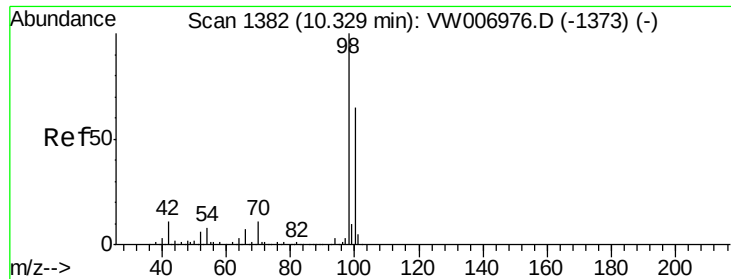
#35
 Dibromofluoromethane
 Concen: 53.896 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007009.D
 Acq: 21 Nov 2018 19:15

Tgt Ion:113 Resp: 37962
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 17.7 15.0 22.6



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: 41.092 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007009.D

Acq: 21 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

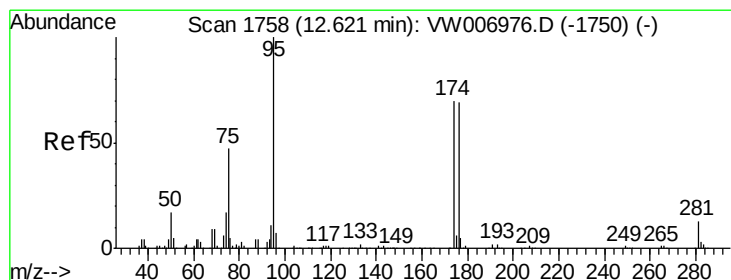
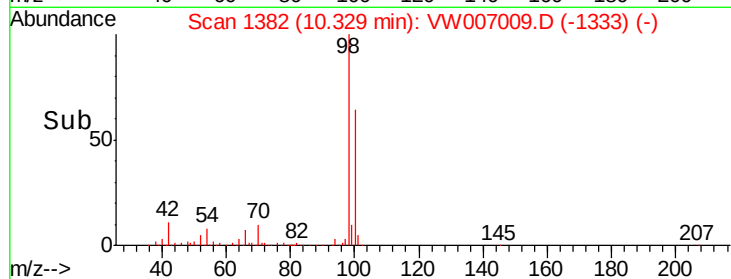
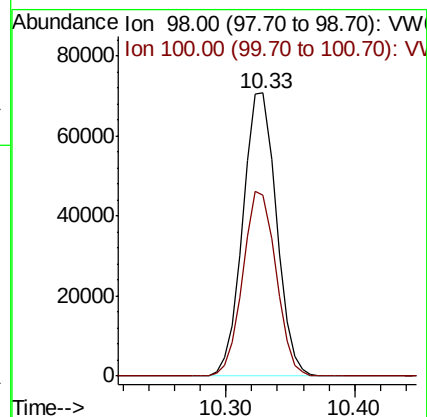
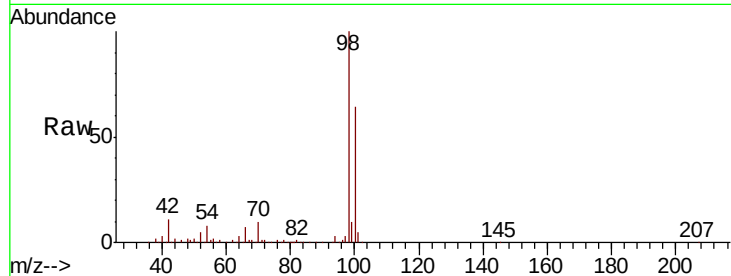
FS-12072-11929

Tot Ion: 98 Resp: 127812

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 33.167 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007009.D

Acq: 21 Nov 2018 19:15

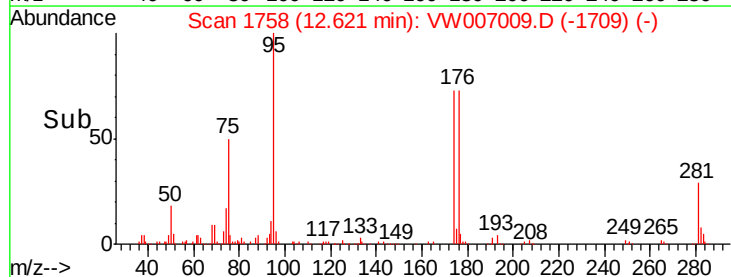
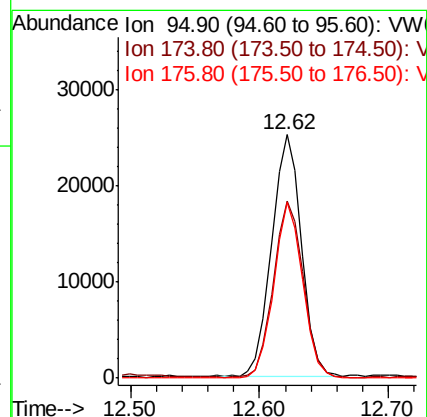
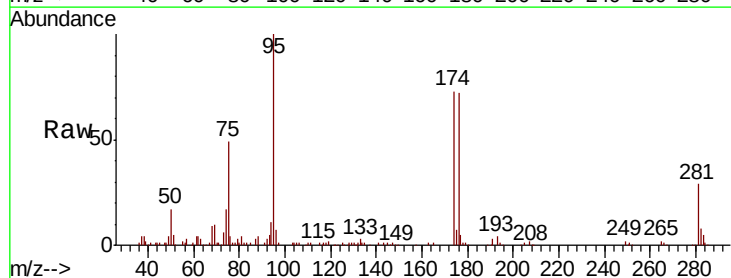
Tgt Ion: 95 Resp: 40595

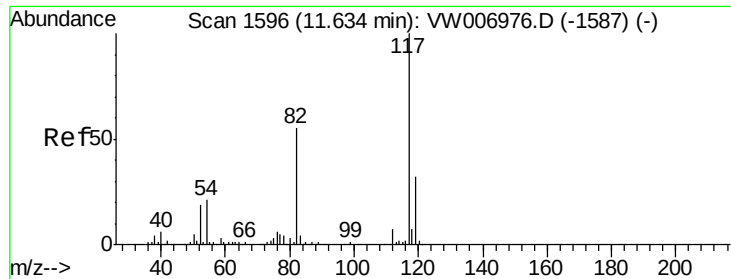
Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.6

176 70.5 0.0 140.4

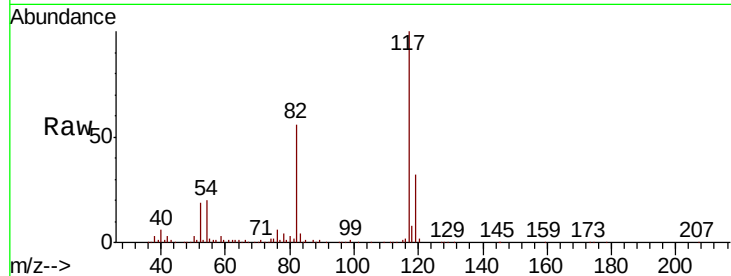




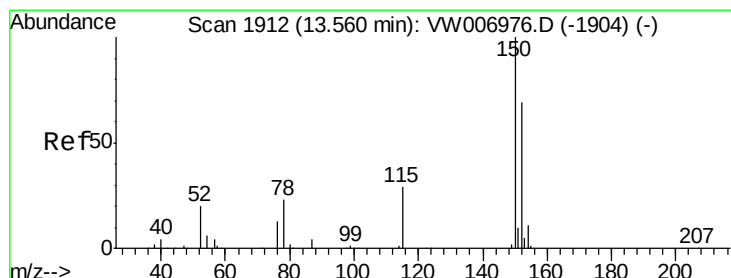
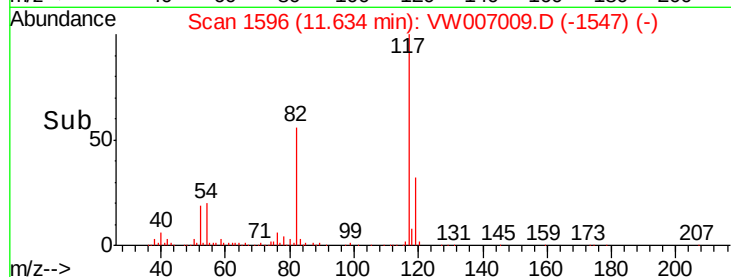
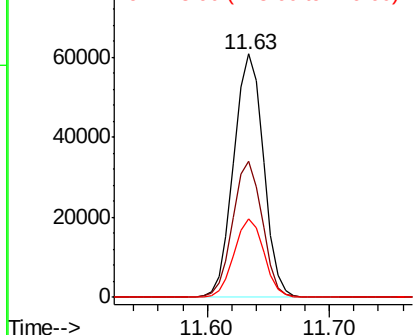
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007009.D
Acq: 21 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
FS-12072-11929

Tot Ion:117 Resp: 102071
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.9 25.9 38.9

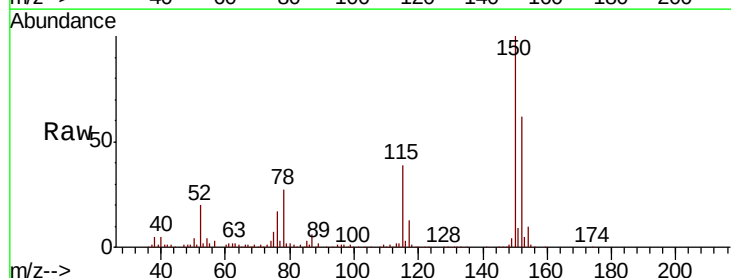


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007009.D
Acq: 21 Nov 2018 19:15

Tgt Ion:152 Resp: 33548
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.2
150 159.3 0.0 353.4



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

