

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122118\
 Data File : VW007738.D
 Acq On : 20 Dec 2018 10:16
 Operator : SY/AP
 Sample : J6386-06
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-0612-01

Quant Time: Dec 20 10:52:14 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

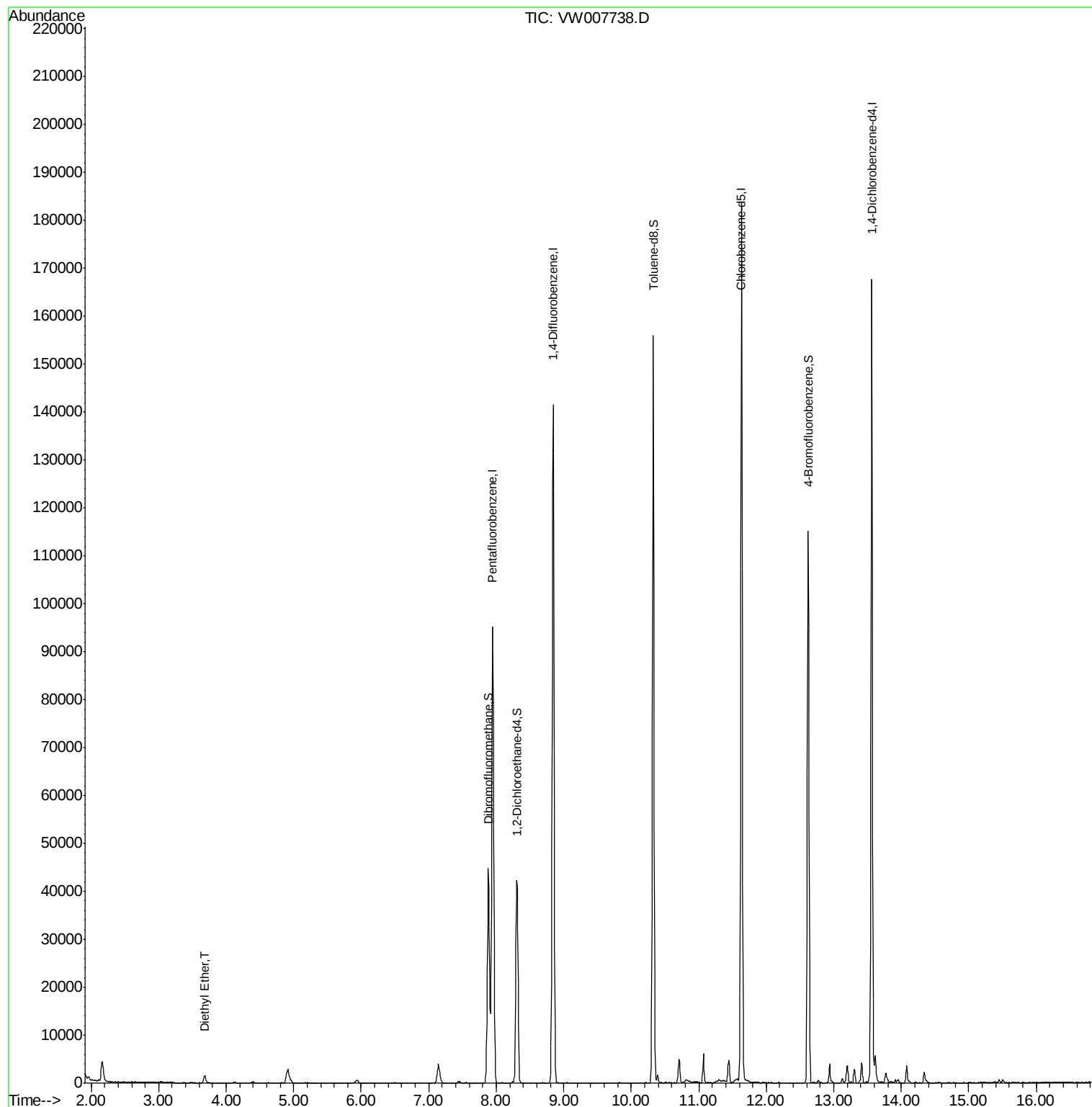
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36250	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	7.88	113	32467	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
50) Toluene-d8	10.32	98	102905	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
62) 4-Bromofluorobenzene	12.62	95	37310	34.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.24%	
Target Compounds						
8) Diethyl Ether	3.68	74	858	2.751	ug/l	Qvalue 87

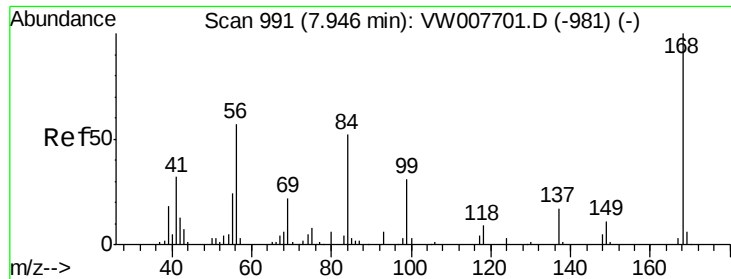
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007738.D

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ClientSampleId :

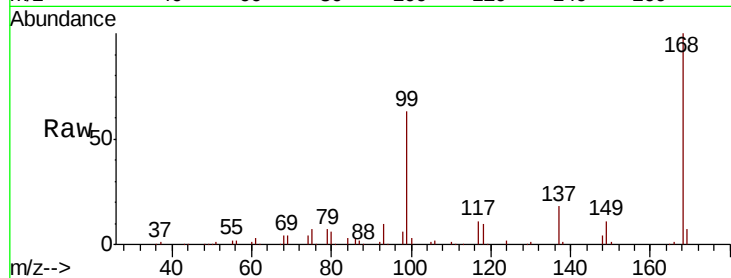
P001-SS005-0612-01

Tot Ion:168 Resp: 70376

Ion Ratio Lower Upper

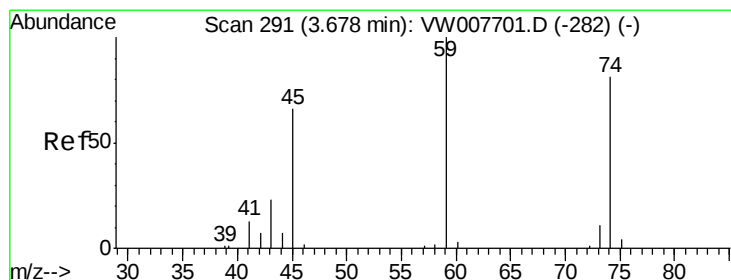
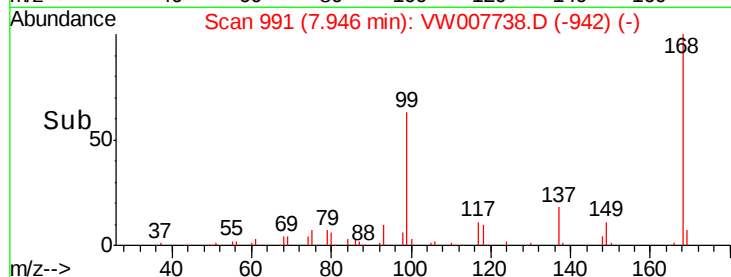
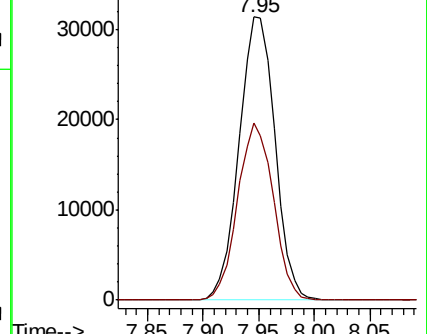
168 100

99 62.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.751 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007738.D

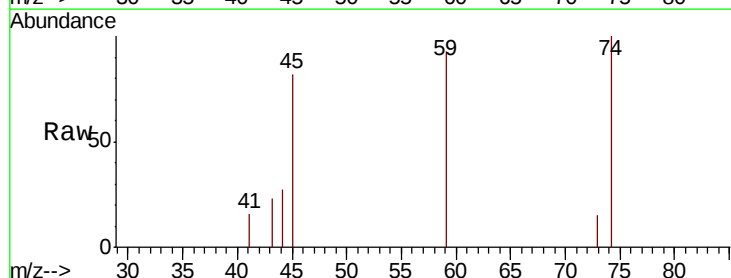
Acq: 20 Dec 2018 10:16

Tgt Ion: 74 Resp: 858

Ion Ratio Lower Upper

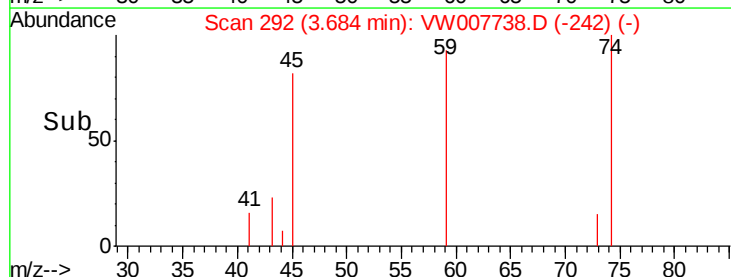
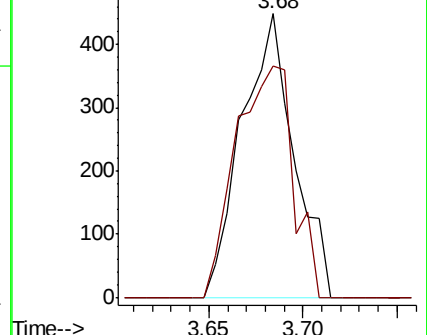
74 100

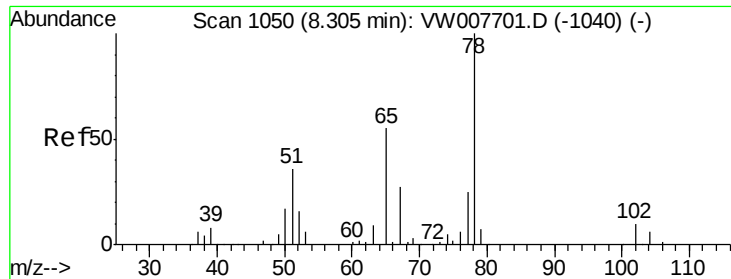
45 89.9 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

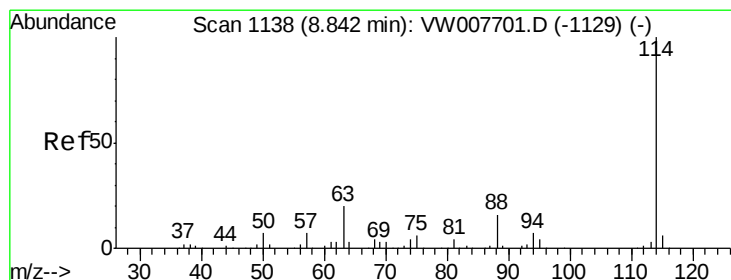
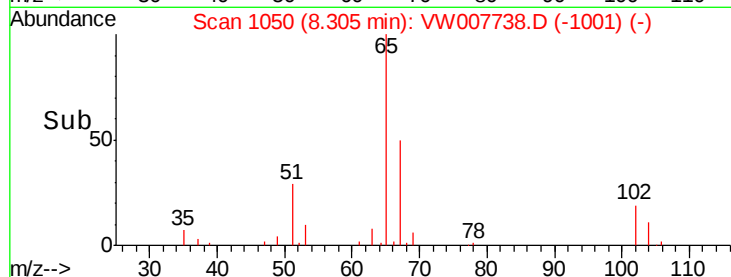
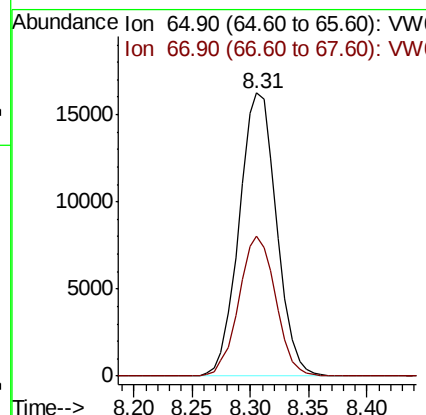
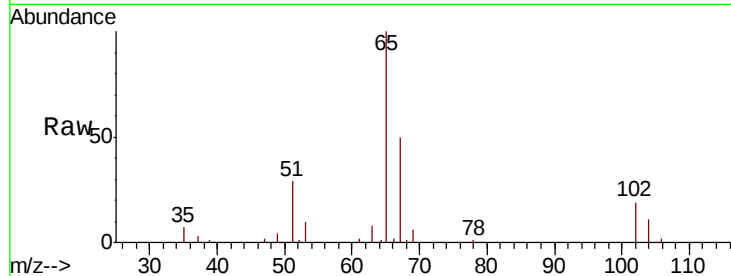




#33
 1,2-Dichloroethane-d4
 Concen: 46.995 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007738.D
 Acq: 20 Dec 2018 10:16

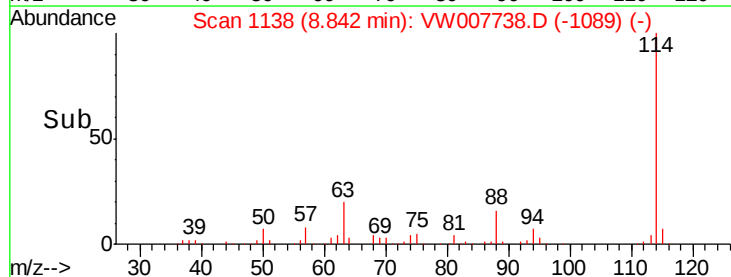
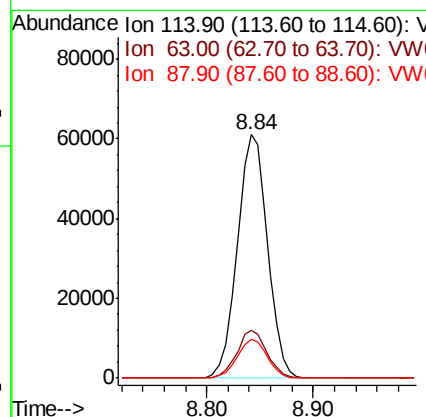
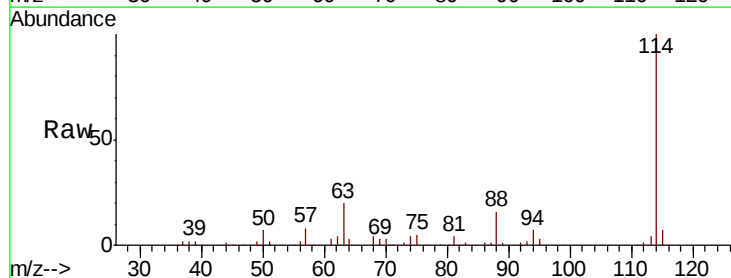
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-0612-01

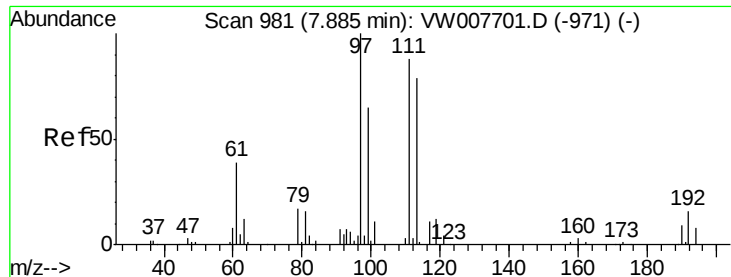
Tot Ion: 65 Resp: 36250
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007738.D
 Acq: 20 Dec 2018 10:16

Tgt Ion: 114 Resp: 121302
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 43.874 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007738.D

Acq: 20 Dec 2018 10:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0612-01

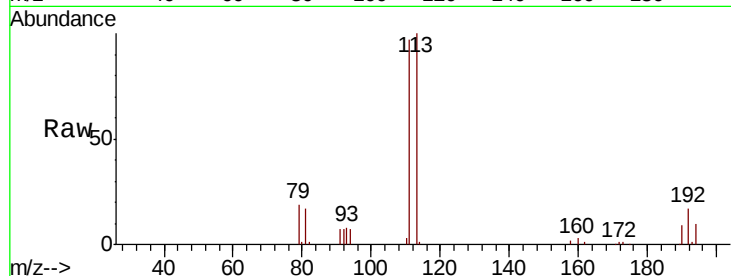
Tot Ion:113 Resp: 32467

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

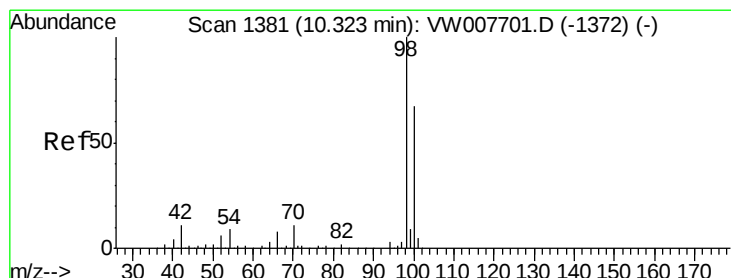
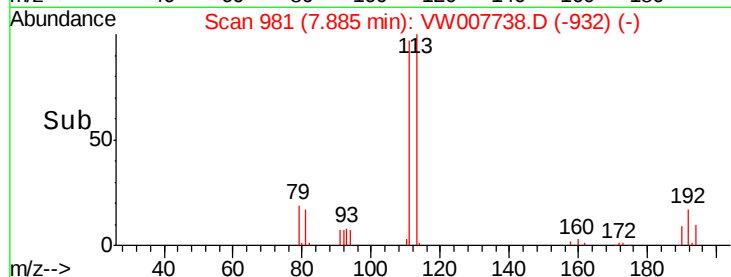
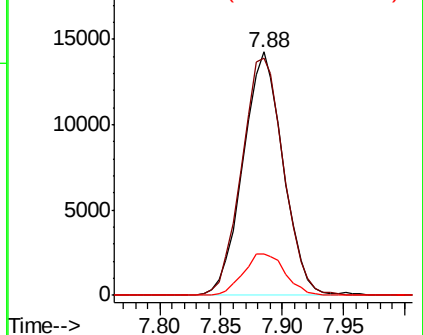
192 17.9 15.5 23.3



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: 36.887 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007738.D

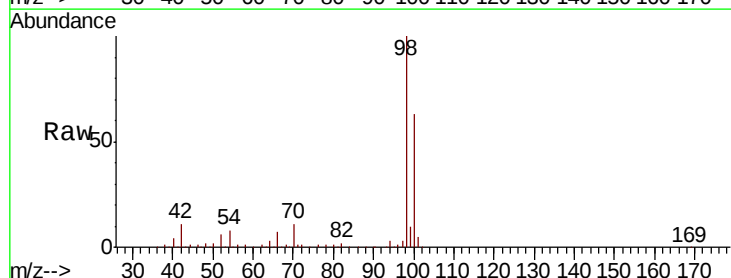
Acq: 20 Dec 2018 10:16

Tgt Ion: 98 Resp: 102905

Ion Ratio Lower Upper

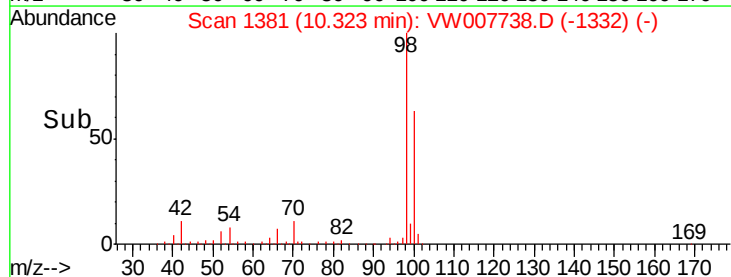
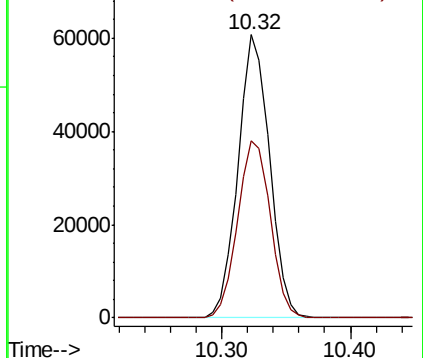
98 100

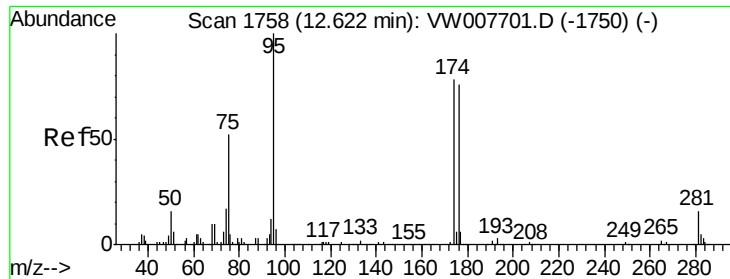
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

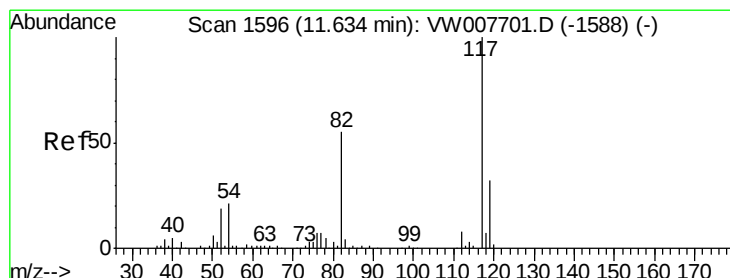
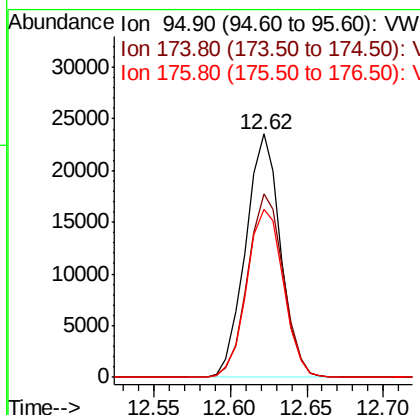
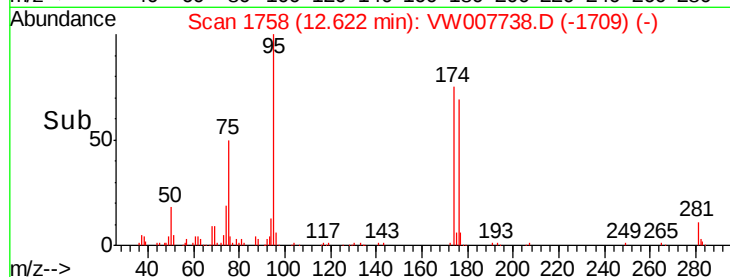
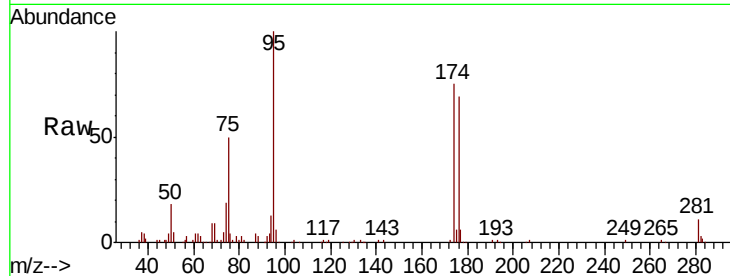




#62
4-Bromofluorobenzene
Concen: 34.619 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007738.D
Acq: 20 Dec 2018 10:16

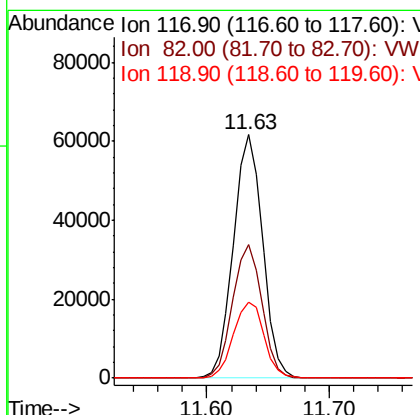
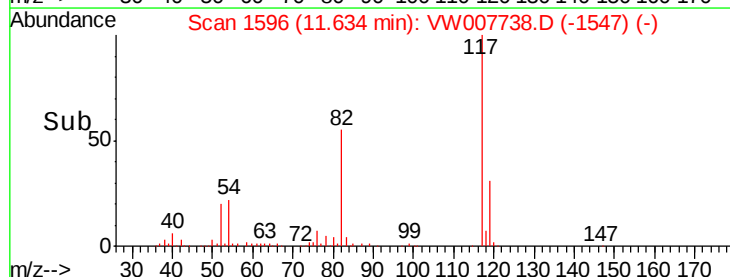
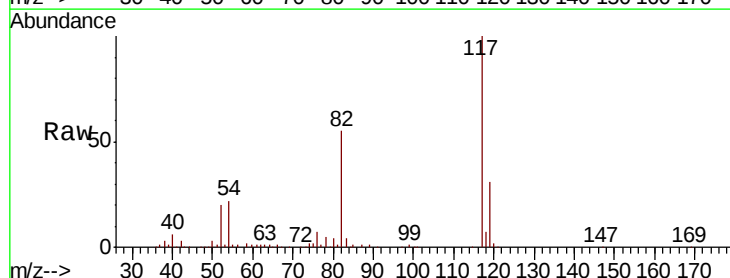
Instrument :
MSVOA_W
ClientSampleId :
P001-SS005-0612-01

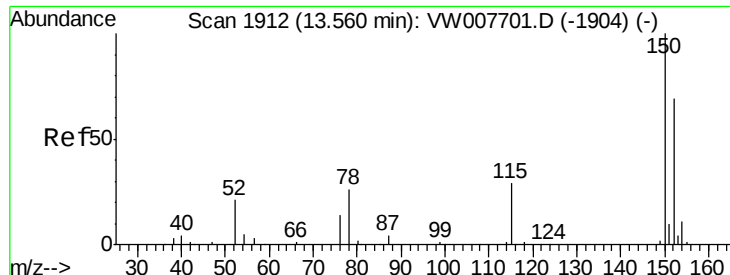
Tot Ion: 95 Resp: 37310
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.2
176 72.7 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007738.D
Acq: 20 Dec 2018 10:16

Tgt Ion: 117 Resp: 101932
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 30.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007738.D

Acq: 20 Dec 2018 10:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0612-01

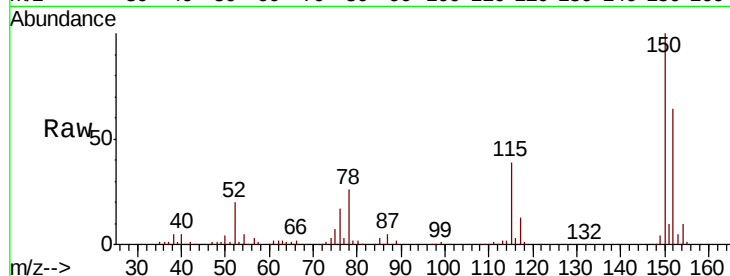
Tot Ion:152 Resp: 43925

Ion Ratio Lower Upper

152 100

115 61.8 31.8 95.4

150 156.8 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

