

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005472.D
 Acq On : 18 Sep 2018 10:06
 Operator : SY/AP
 Sample : J4936-39
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 26KV

Quant Time: Sep 18 14:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	89610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	109206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	44365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10085	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	38337	41.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.44%	
35) Dibromofluoromethane	7.89	113	33755	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
50) Toluene-d8	10.33	98	76210	27.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.36%	
62) 4-Bromofluorobenzene	12.62	95	10225	9.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.88%	

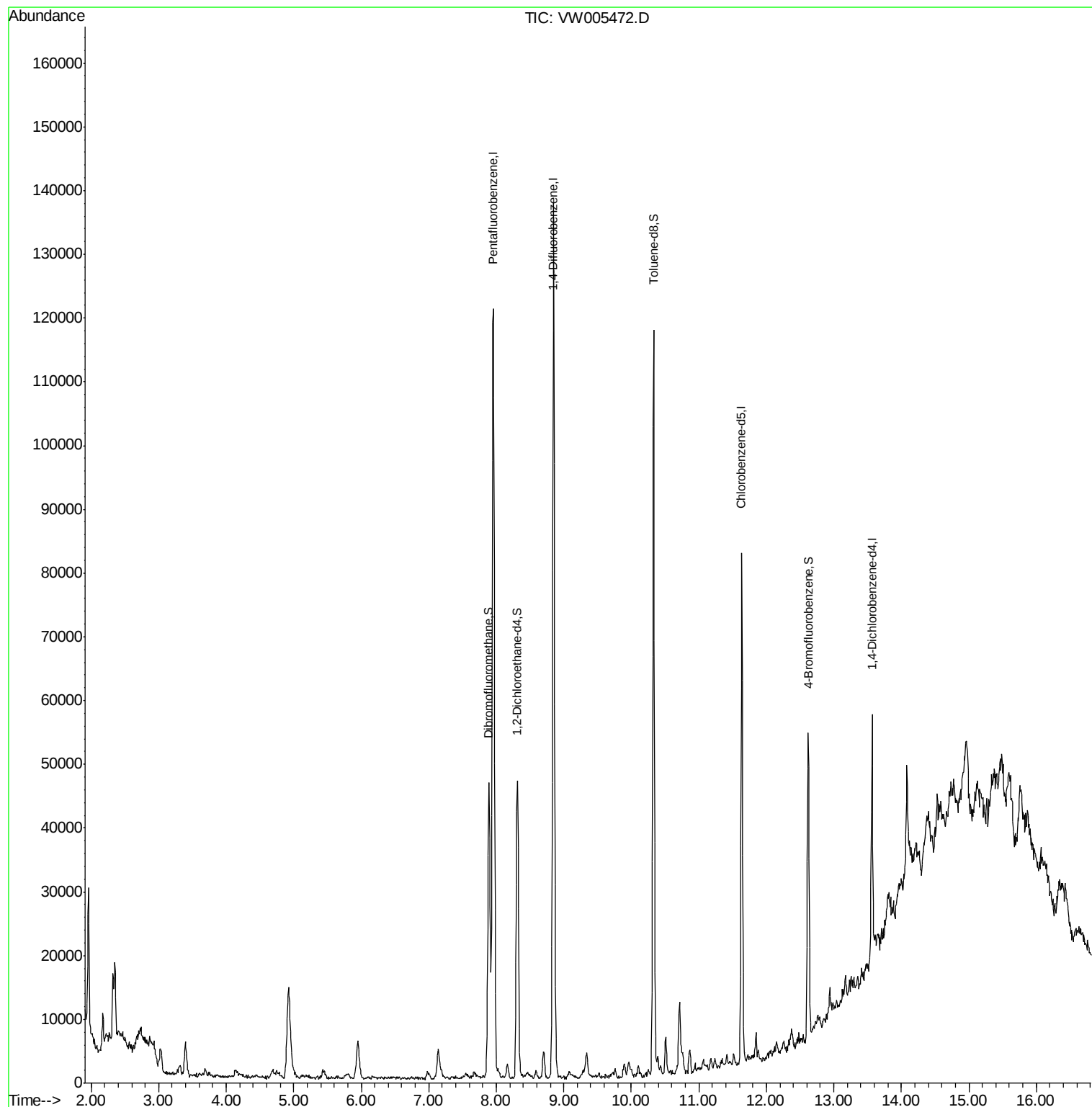
Target Compounds	Qvalue

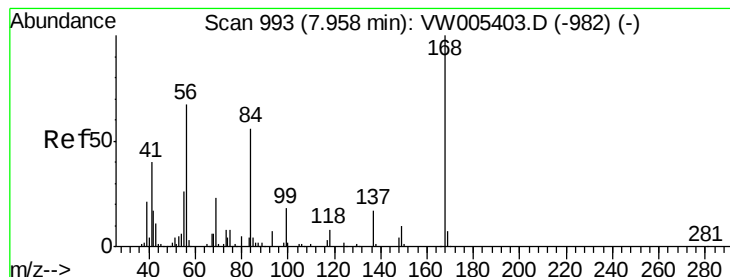
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005472.D

Acq: 18 Sep 2018 10:06

Instrument :

MSVOA_W

ClientSampled :

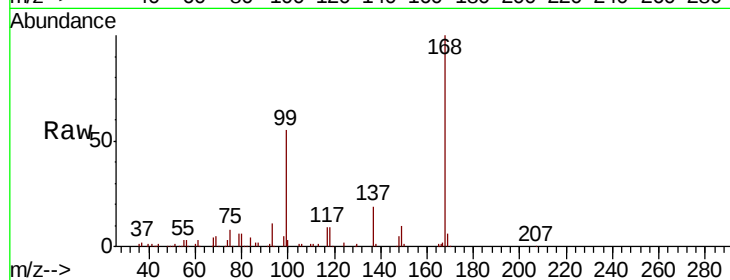
26kV

Tot Ion:168 Resp: 89610

Ion Ratio Lower Upper

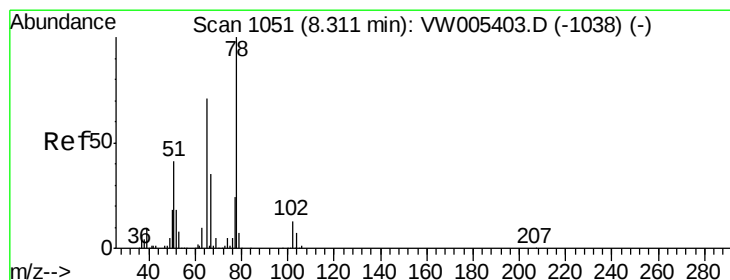
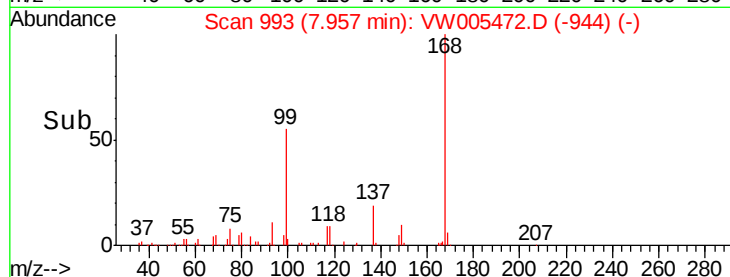
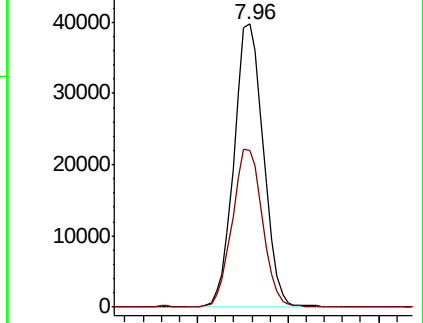
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 41.22 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005472.D

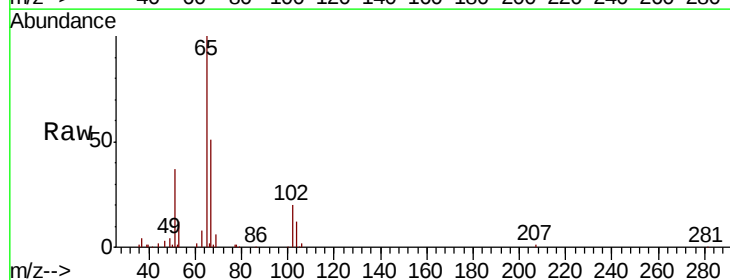
Acq: 18 Sep 2018 10:06

Tgt Ion: 65 Resp: 38337

Ion Ratio Lower Upper

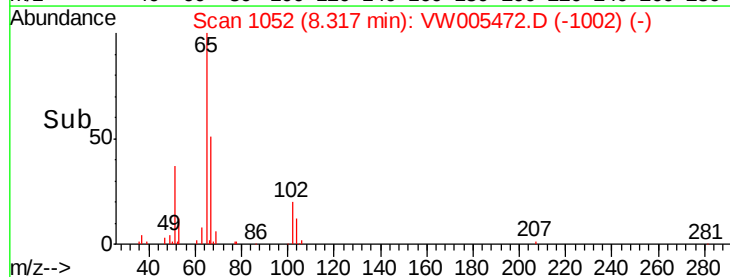
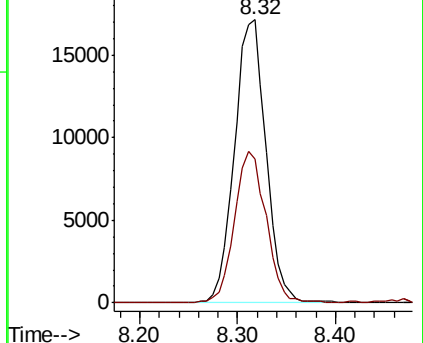
65 100

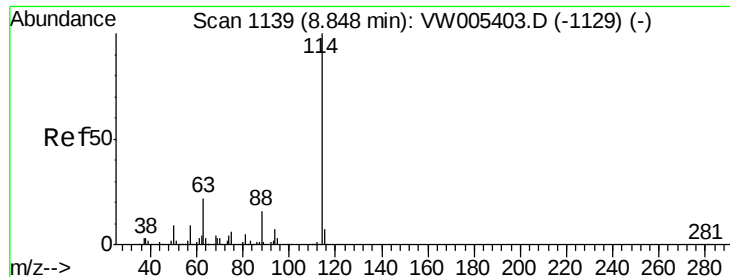
67 53.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

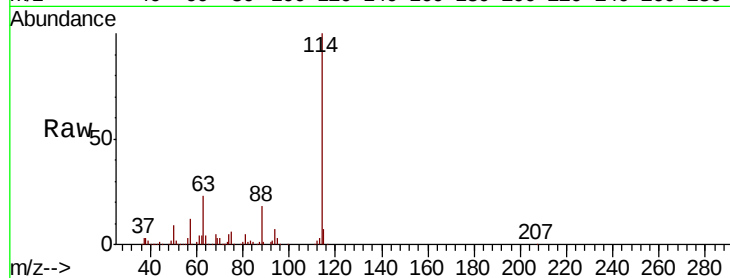




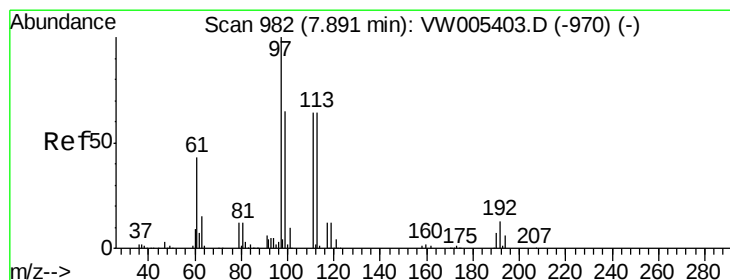
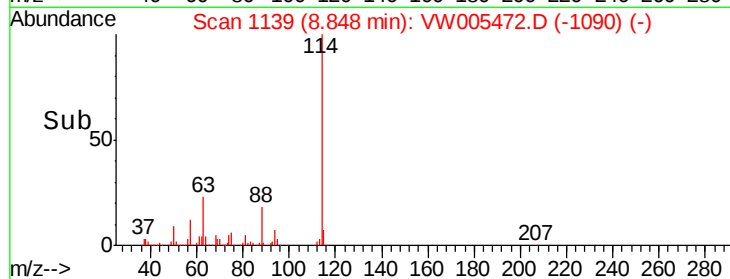
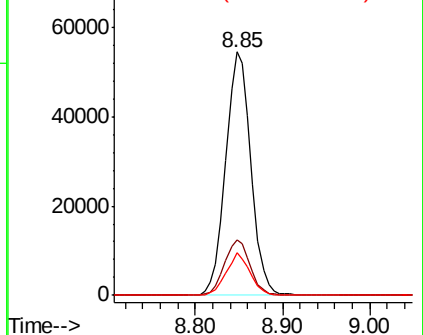
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005472.D
 Acq: 18 Sep 2018 10:06

Instrument :
 MSVOA_W
 ClientSampleId :
 26KV

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.4
88	17.7	0.0	31.8

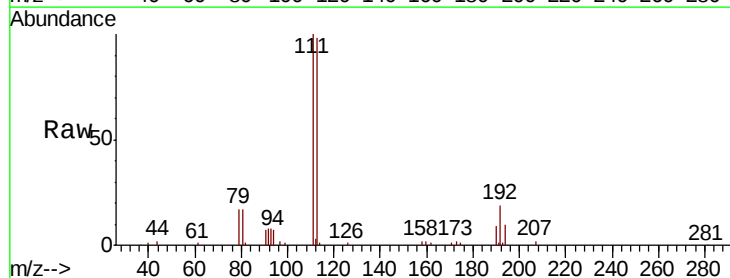


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

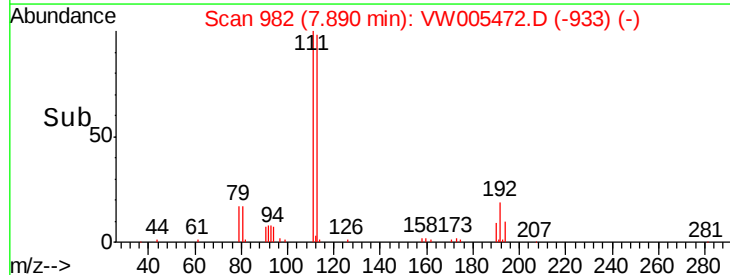
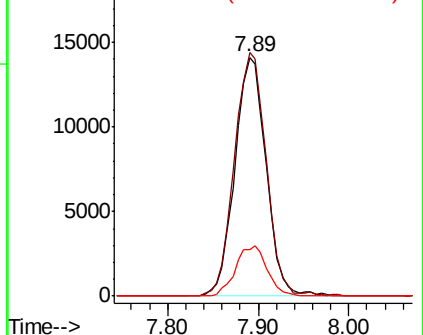


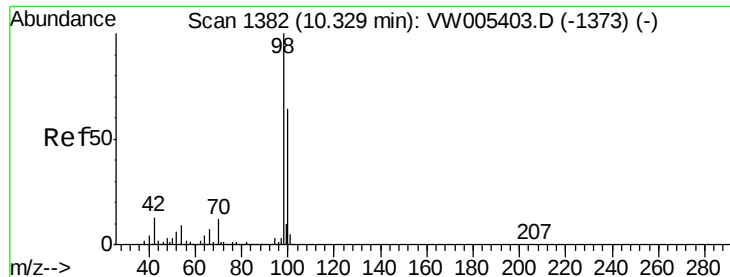
#35
 Dibromofluoromethane
 Concen: 55.13 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005472.D
 Acq: 18 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.3	123.5
192	21.1	16.5	24.7



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: 27.18 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005472.D

Acq: 18 Sep 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

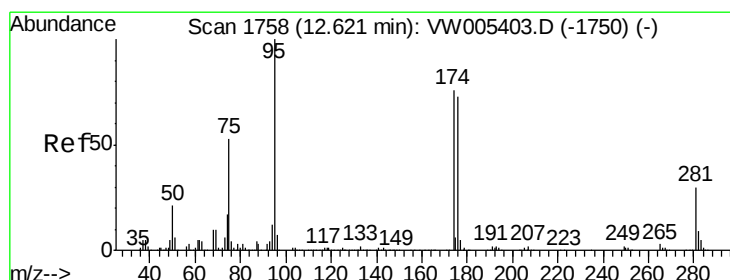
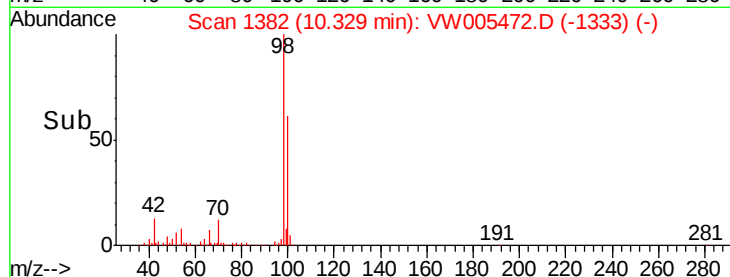
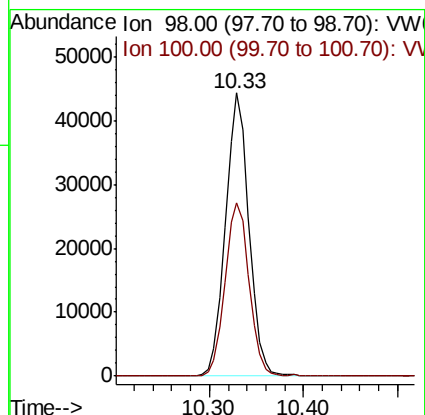
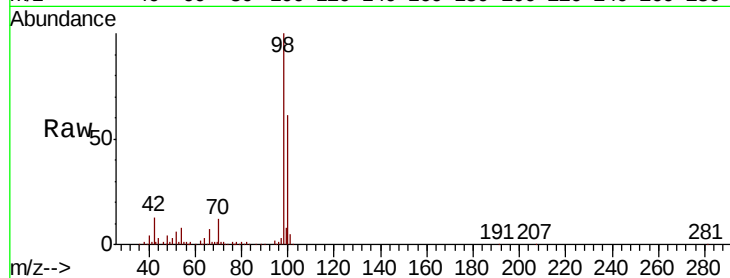
26kV

Tot Ion: 98 Resp: 76210

Ion Ratio Lower Upper

98 100

100 62.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 9.94 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005472.D

Acq: 18 Sep 2018 10:06

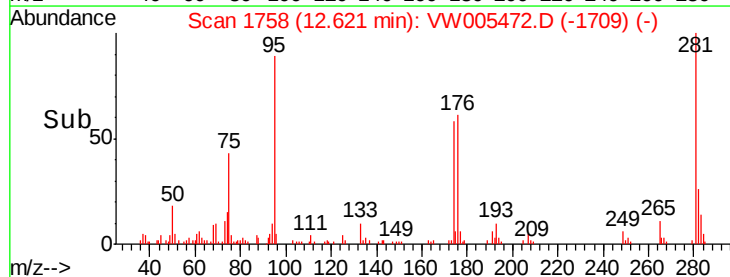
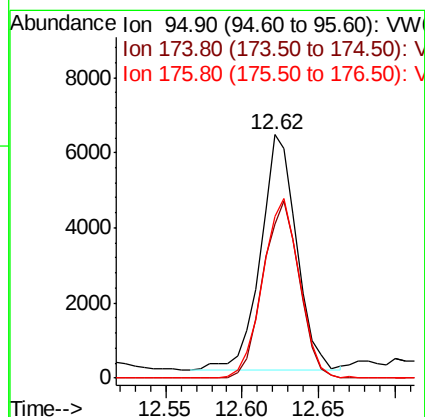
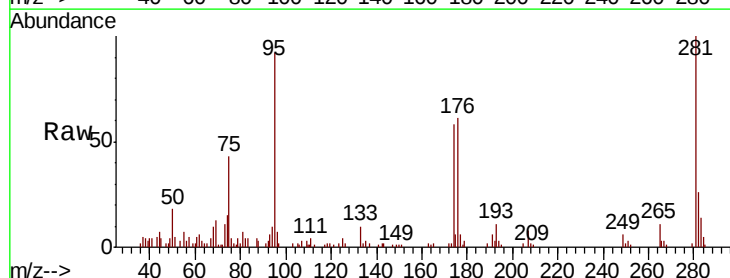
Tgt Ion: 95 Resp: 10225

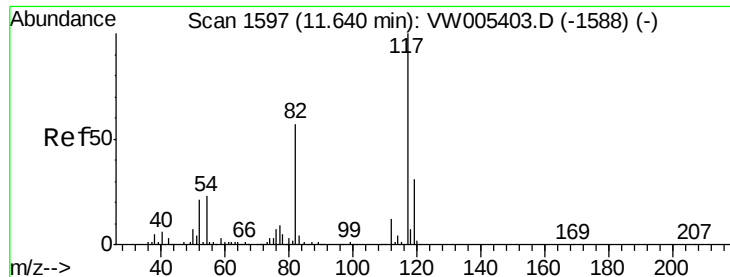
Ion Ratio Lower Upper

95 100

174 75.9 0.0 161.2

176 78.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005472.D

Acq: 18 Sep 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

26kV

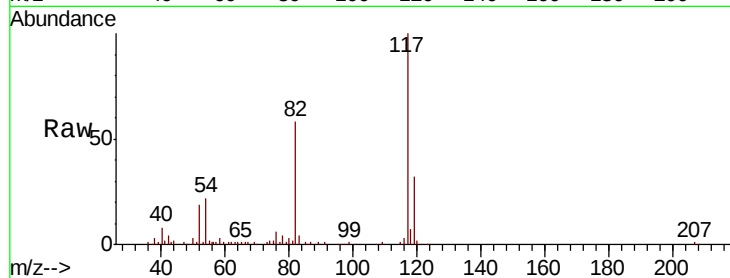
Tot Ion:117 Resp: 44365

Ion Ratio Lower Upper

117 100

82 57.9 45.9 68.9

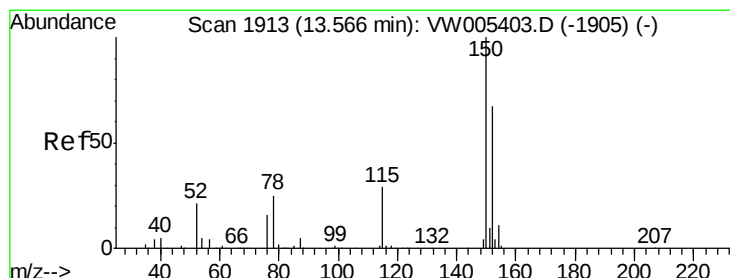
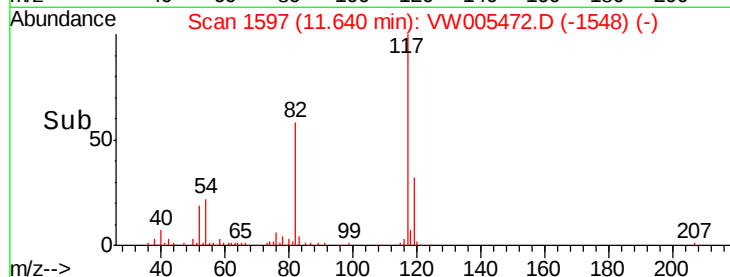
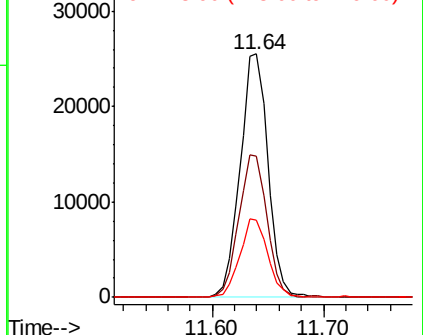
119 31.9 24.8 37.2



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: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005472.D

Acq: 18 Sep 2018 10:06

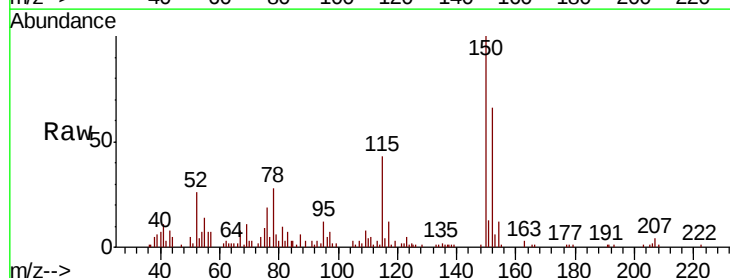
Tgt Ion:152 Resp: 10085

Ion Ratio Lower Upper

152 100

115 58.2 29.5 88.5

150 152.3 0.0 345.6



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

