

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005673.D
 Acq On : 27 Sep 2018 00:09
 Operator : VA/AP
 Sample : J5096-01
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-2

Quant Time: Sep 27 07:39:25 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

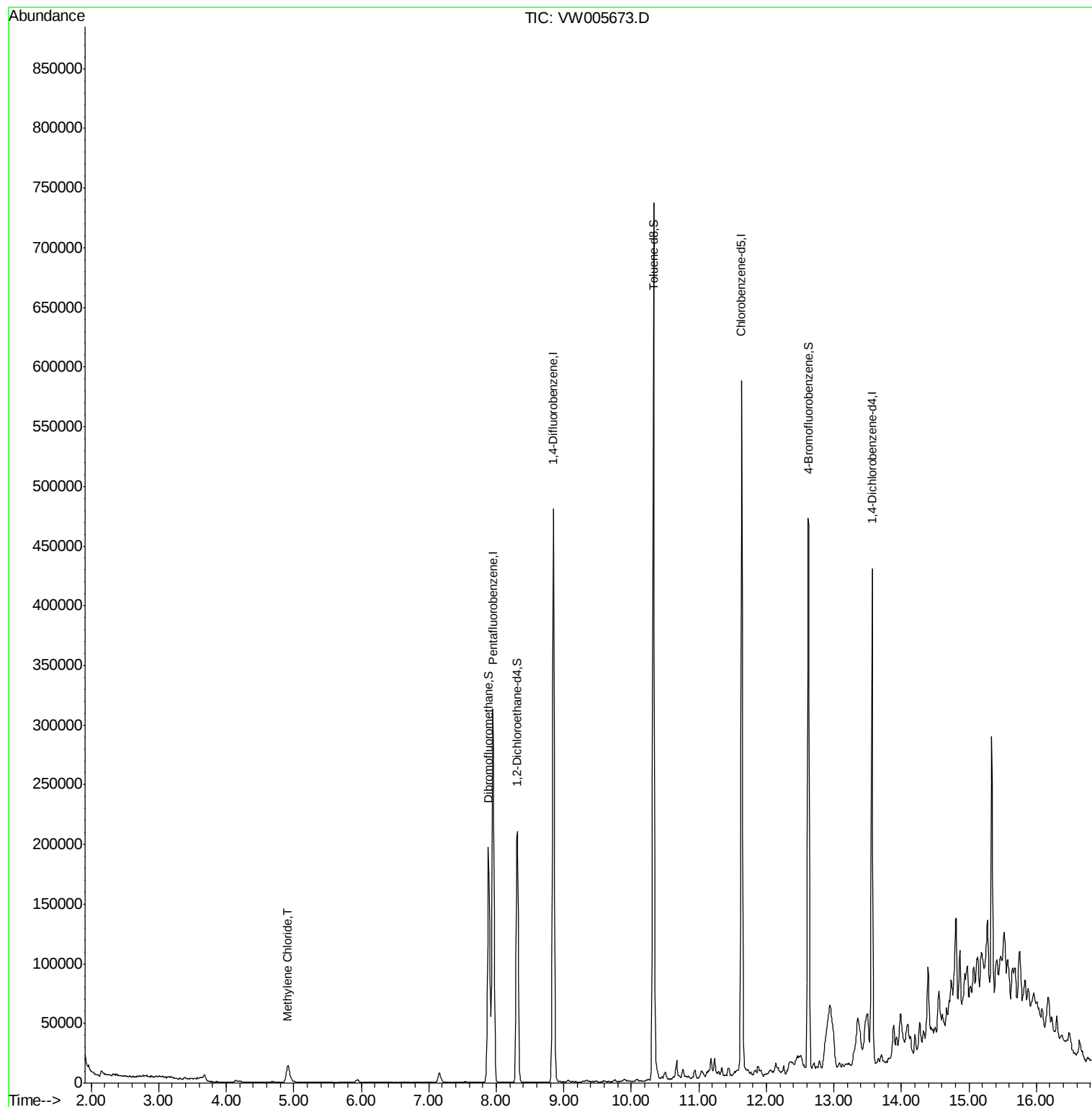
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	173248	64.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.68%	
35) Dibromofluoromethane	7.89	113	143731	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
50) Toluene-d8	10.33	98	470746	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.62	95	156476	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.36%	
Target Compounds						
20) Methylene Chloride	4.90	84	12898	1.563	ug/l	Qvalue 92

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

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005673.D

Acq: 27 Sep 2018 00:09

Instrument :

MSVOA_W

ClientSampleId :

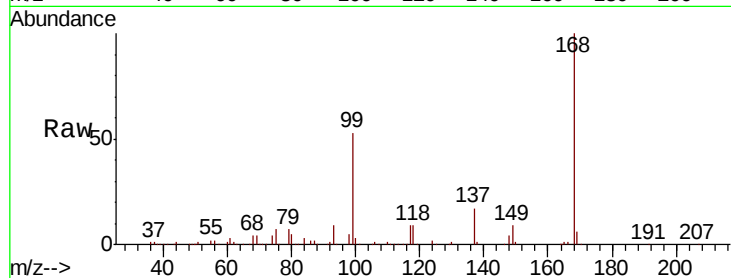
MT-T-5-2

Tot Ion:168 Resp: 228560

Ion Ratio Lower Upper

168 100

99 53.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

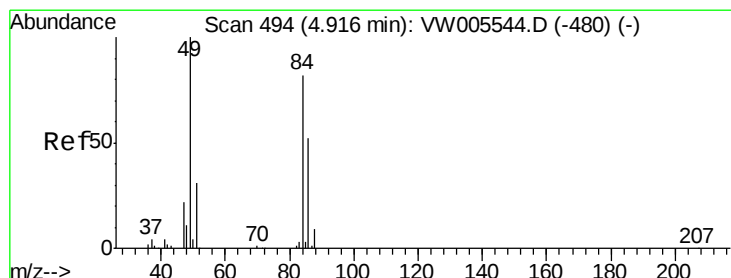
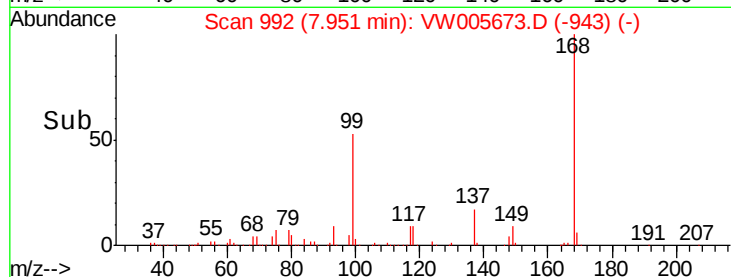
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.563 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW005673.D

Acq: 27 Sep 2018 00:09

Tgt Ion: 84 Resp: 12898

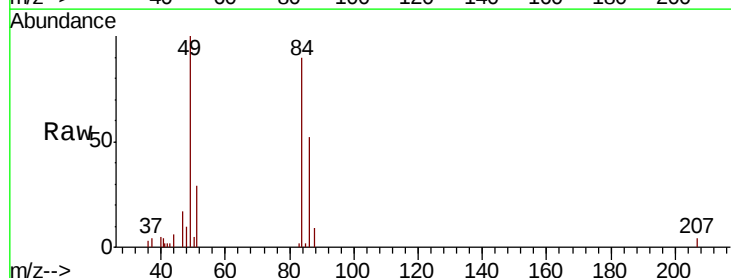
Ion Ratio Lower Upper

84 100

49 111.4 97.0 145.6

51 32.9 30.2 45.2

86 57.8 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.90

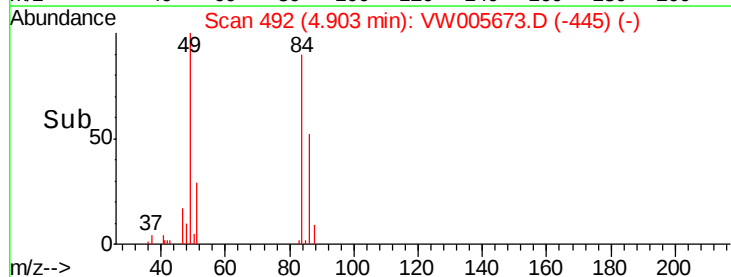
6000

4000

2000

0

Time-->

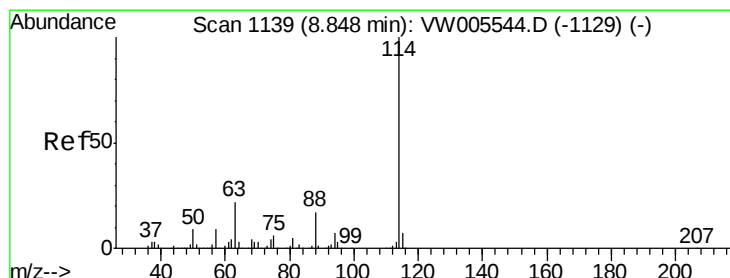
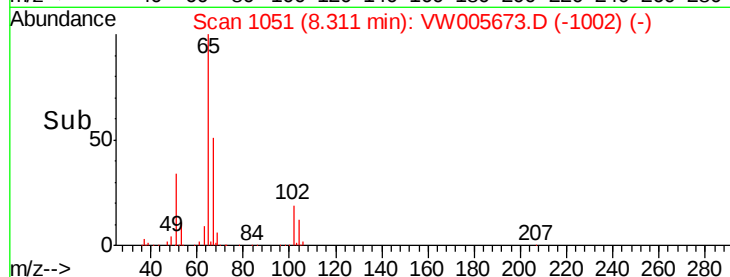
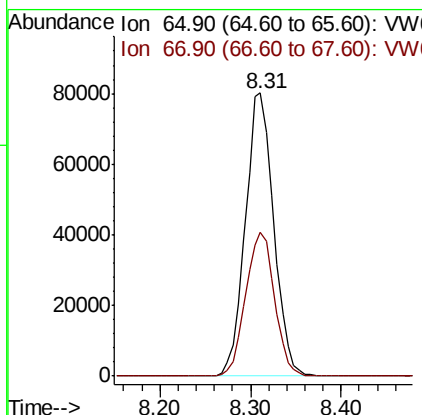
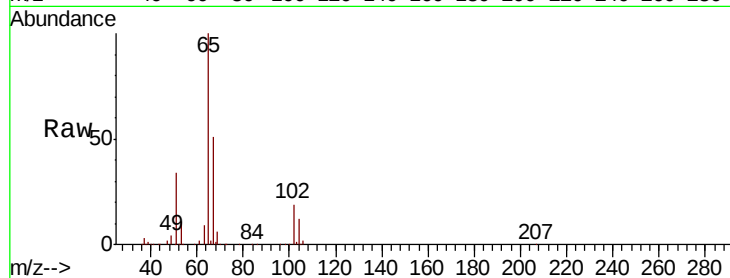




#33
 1,2-Dichloroethane-d4
 Concen: 64.342 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005673.D
 Acq: 27 Sep 2018 00:09

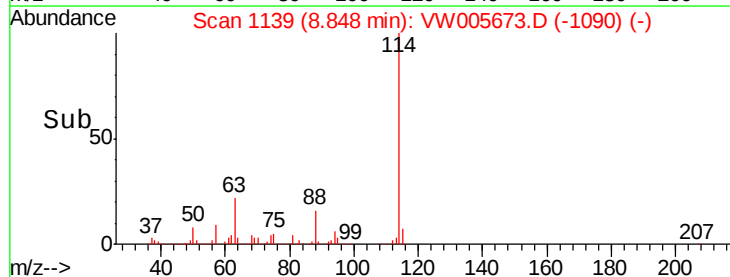
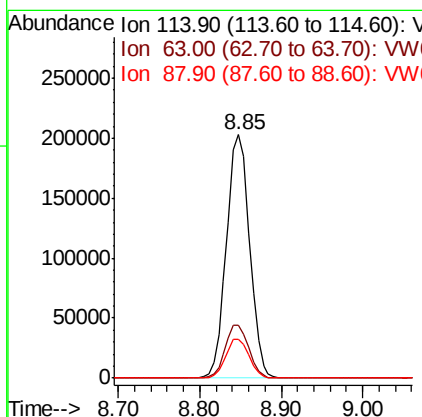
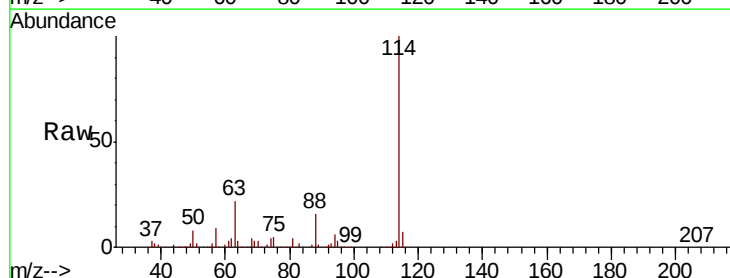
Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-2

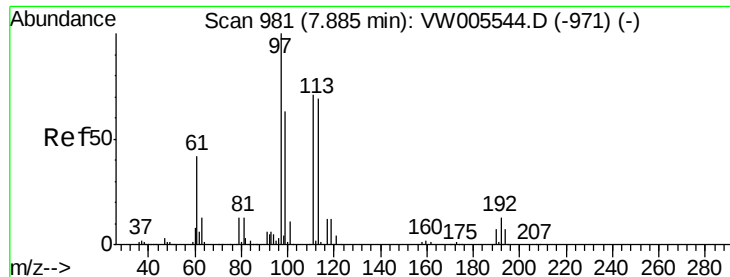
Tot Ion: 65 Resp: 173248
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005673.D
 Acq: 27 Sep 2018 00:09

Tgt Ion: 114 Resp: 396204
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 15.8 0.0 33.0

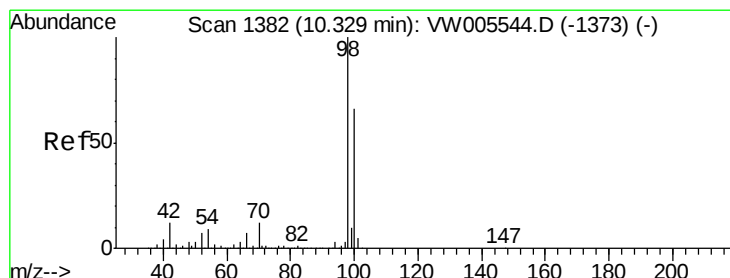
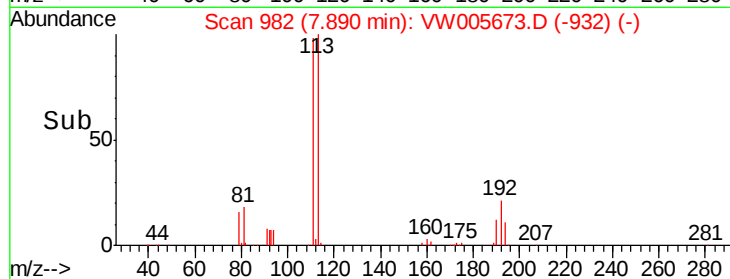
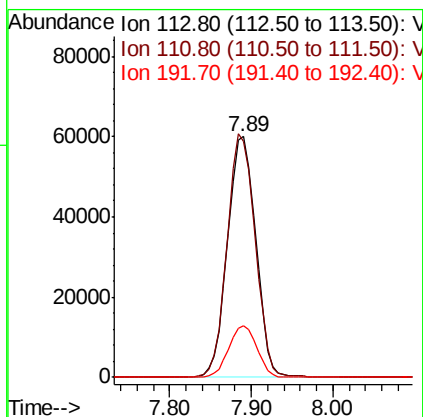
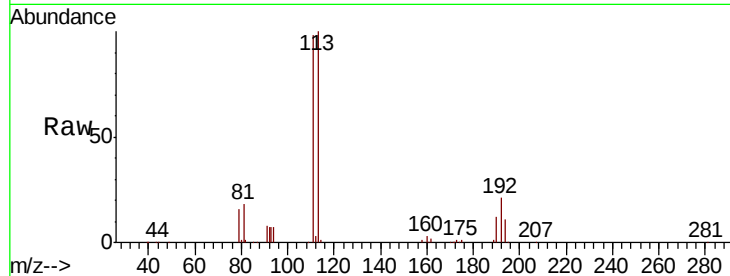




#35
 Dibromofluoromethane
 Concen: 57.687 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005673.D
 Acq: 27 Sep 2018 00:09

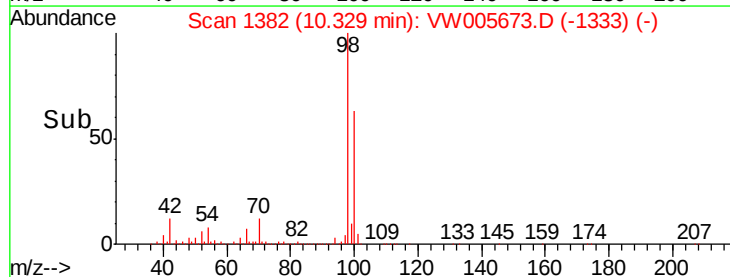
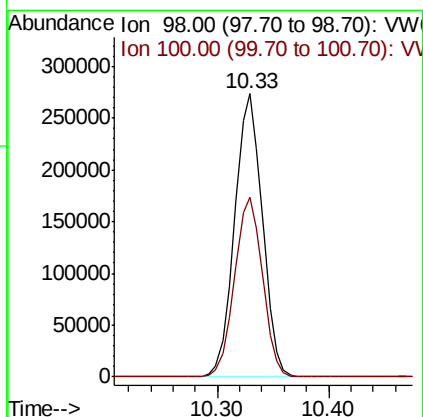
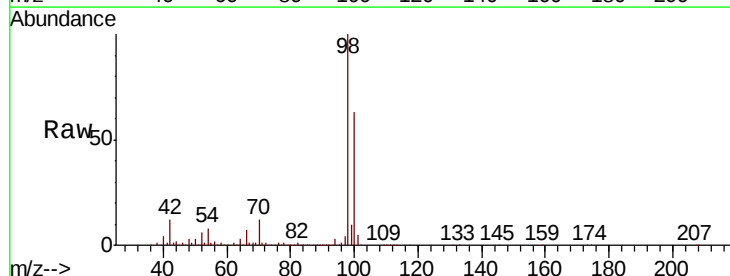
Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-2

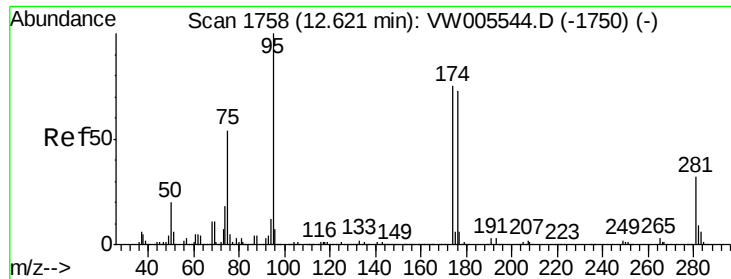
Tot Ion:113 Resp: 143731
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.6 123.8
 192 21.3 17.0 25.4



#50
 Toluene-d8
 Concen: 46.401 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005673.D
 Acq: 27 Sep 2018 00:09

Tgt Ion: 98 Resp: 470746
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4

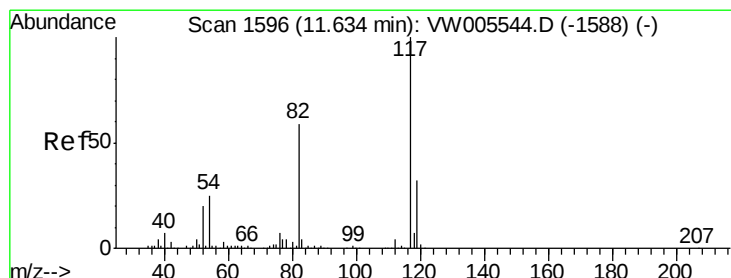
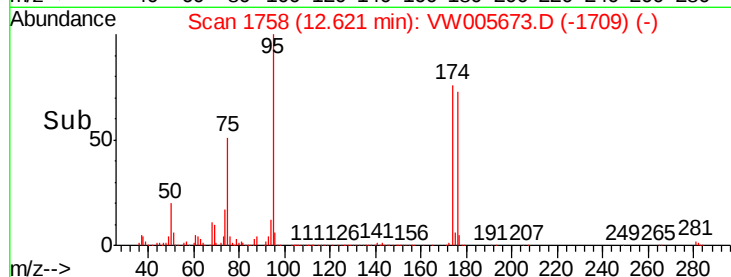
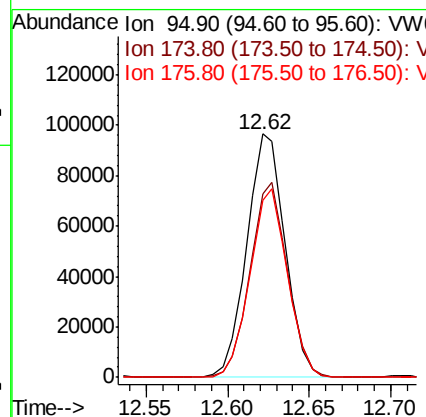
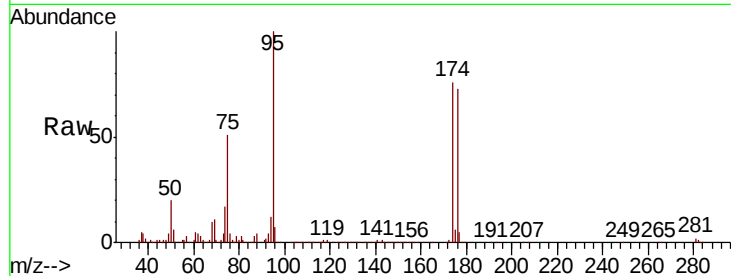




#62
4-Bromofluorobenzene
Concen: 41.683 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005673.D
Acq: 27 Sep 2018 00:09

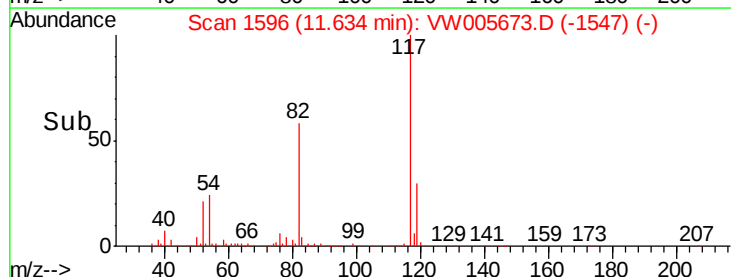
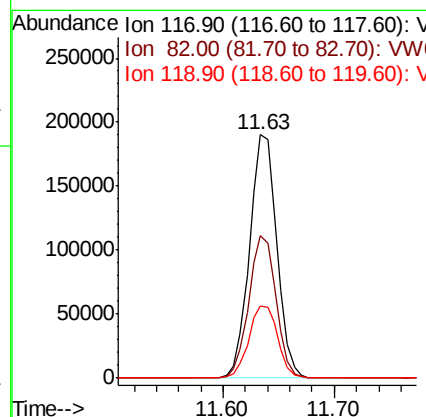
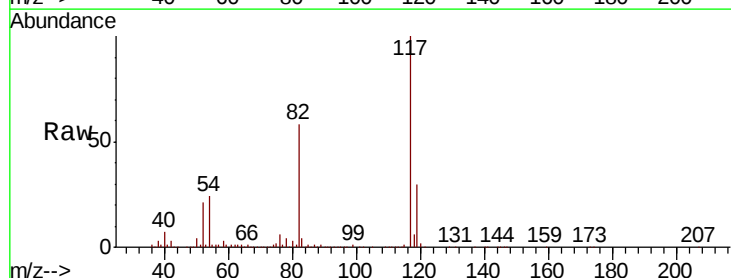
Instrument :
MSVOA_W
ClientSampleId :
MT-T-5-2

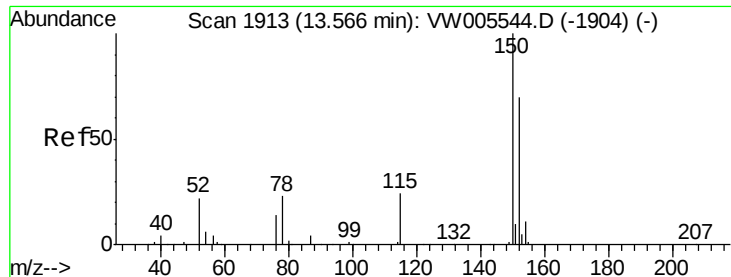
Tot Ion: 95 Resp: 156476
Ion Ratio Lower Upper
95 100
174 78.4 0.0 163.8
176 76.2 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005673.D
Acq: 27 Sep 2018 00:09

Tgt Ion: 117 Resp: 323042
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 29.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005673.D

Acq: 27 Sep 2018 00:09

Instrument :

MSVOA_W

ClientSampleId :

MT-T-5-2

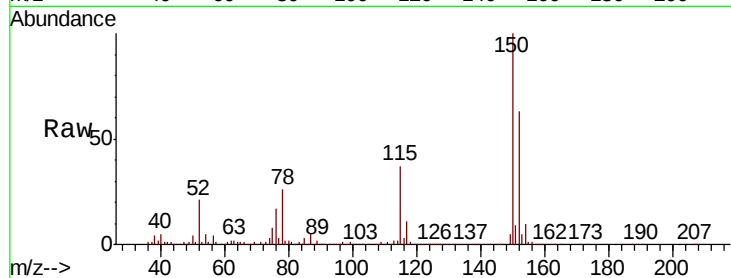
Tot Ion:152 Resp: 108534

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 156.6 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

