

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005670.D
 Acq On : 26 Sep 2018 22:52
 Operator : VA/AP
 Sample : J5081-19
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

Quant Time: Sep 27 07:25:44 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

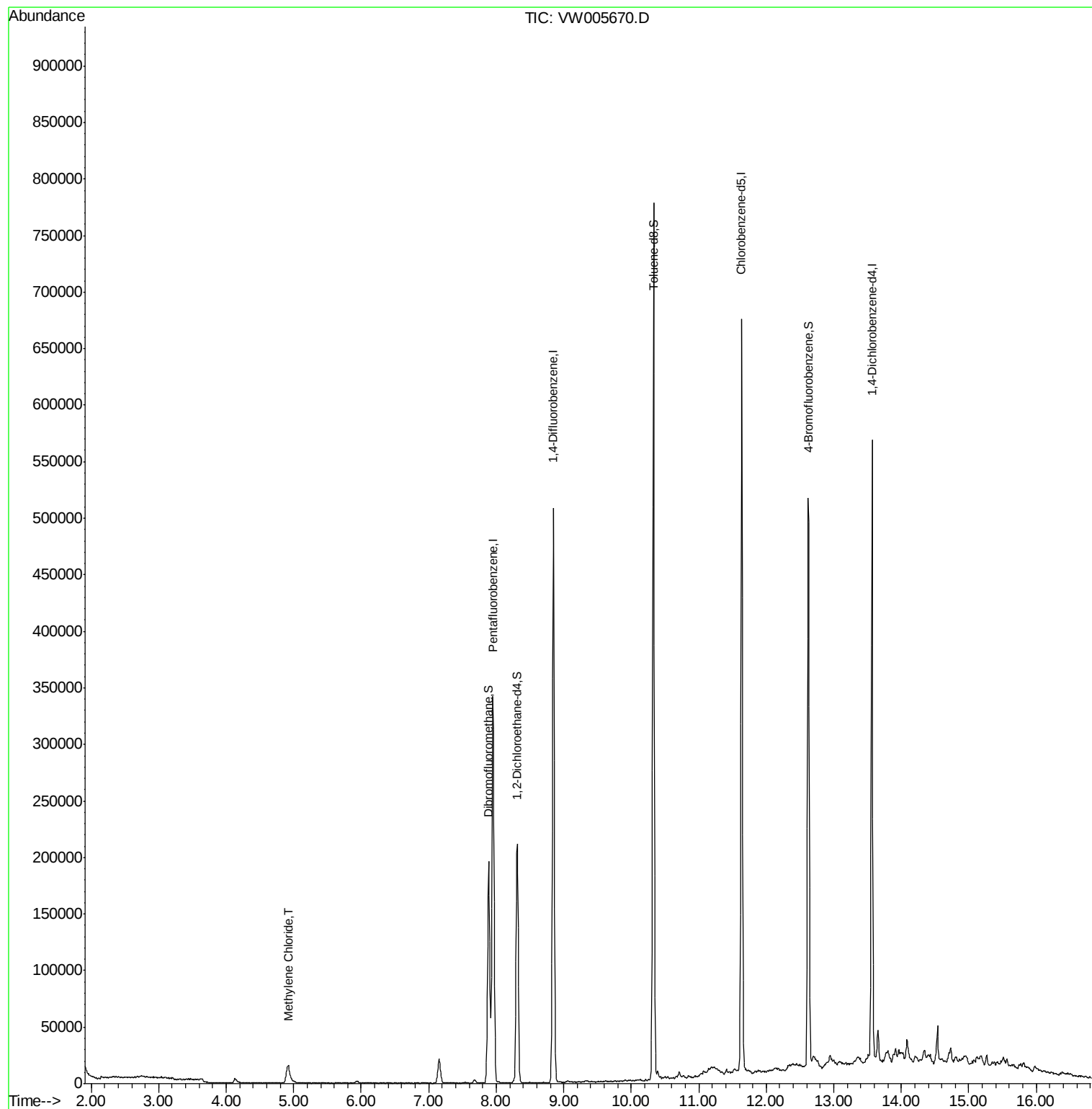
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	174414	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
35) Dibromofluoromethane	7.89	113	139606	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
50) Toluene-d8	10.33	98	509616	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.62	95	164616	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
Target Compounds						
20) Methylene Chloride	4.91	84	14799	1.797	ug/l	Qvalue 95

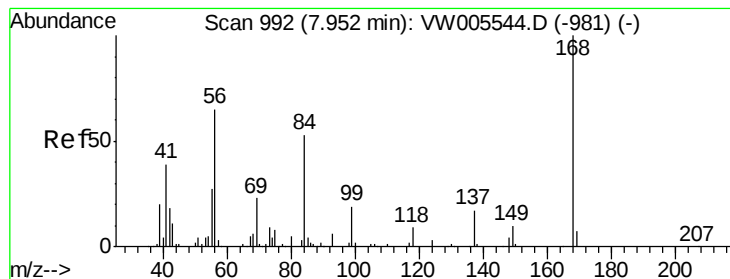
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
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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: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

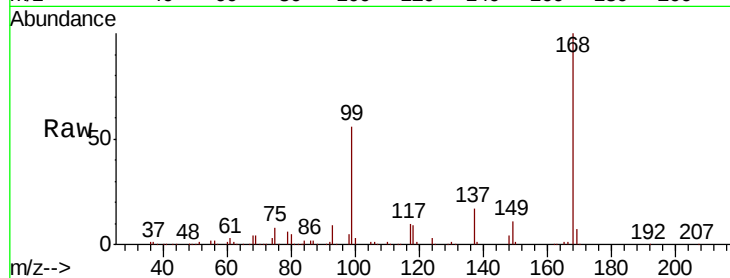
TP-2-S

Tot Ion:168 Resp: 252778

Ion Ratio Lower Upper

168 100

99 56.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

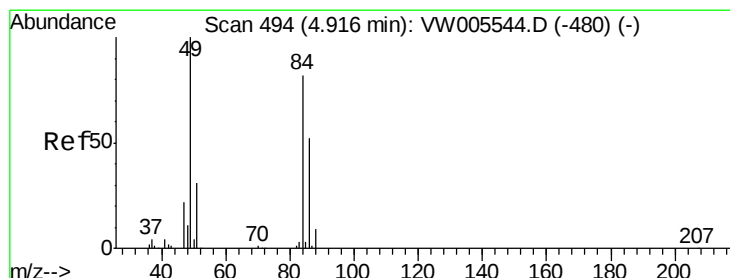
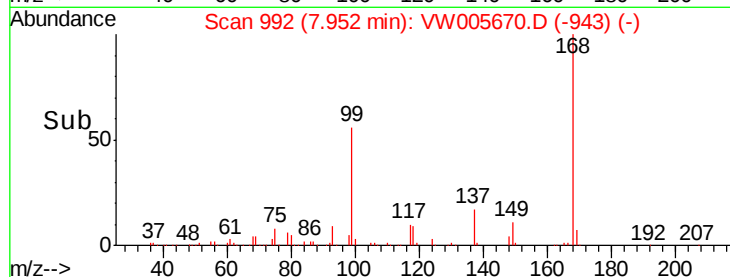
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.797 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Tgt Ion: 84 Resp: 14799

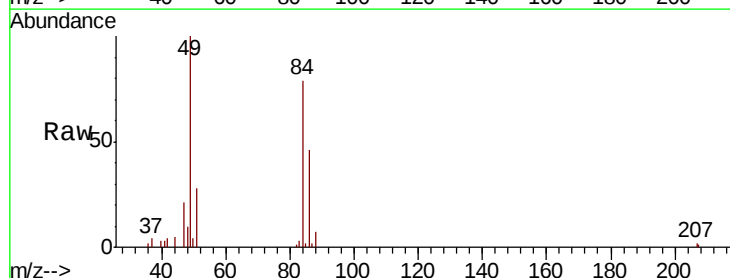
Ion Ratio Lower Upper

84 100

49 126.5 97.0 145.6

51 34.9 30.2 45.2

86 58.6 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

4.91

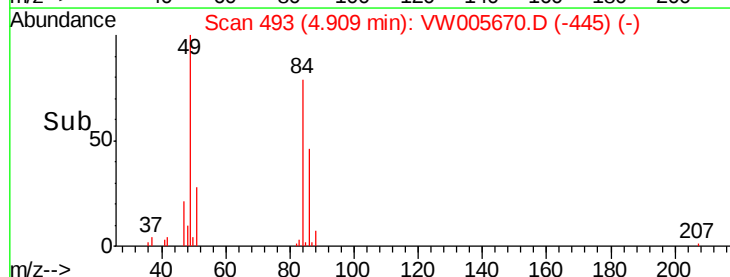
6000

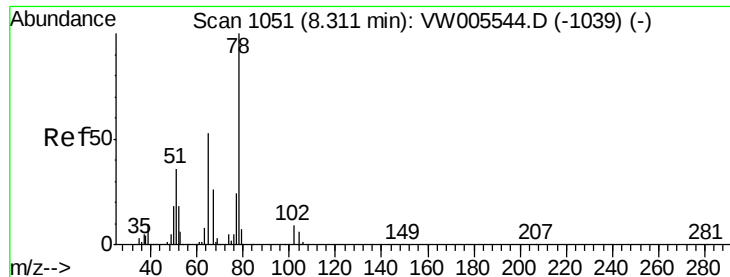
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.569 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

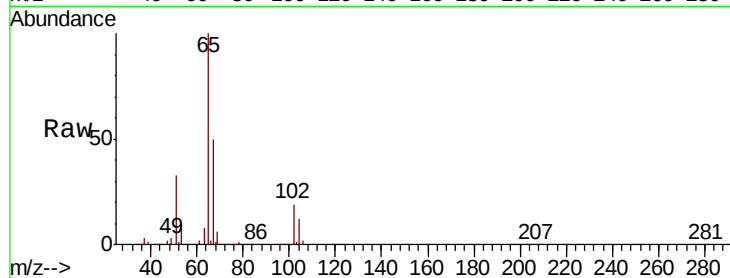
TP-2-S

Tot Ion: 65 Resp: 174414

Ion Ratio Lower Upper

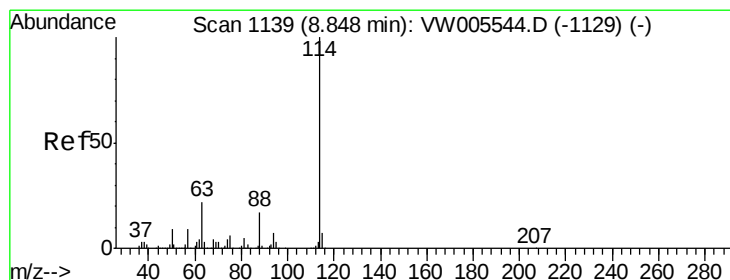
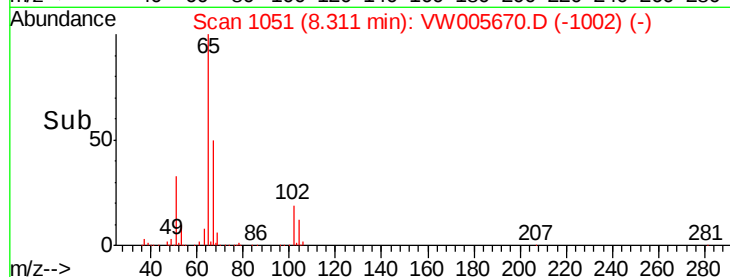
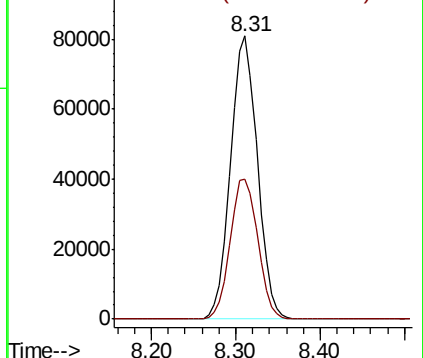
65 100

67 51.1 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: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

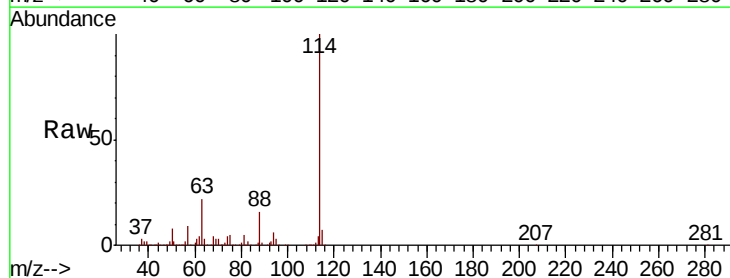
Tgt Ion: 114 Resp: 409637

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

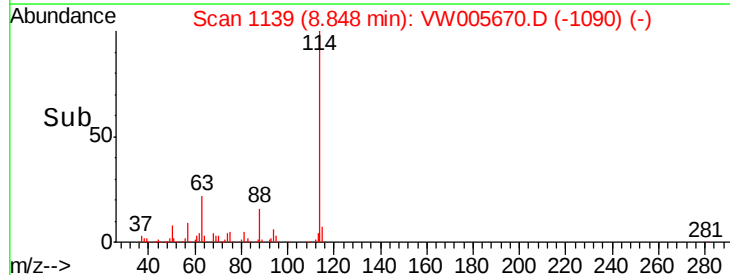
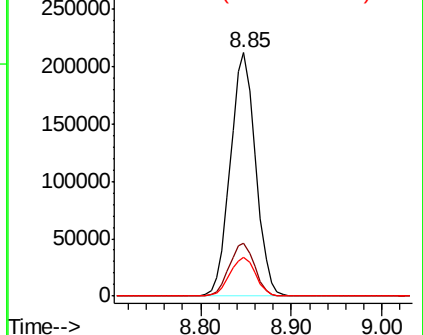
88 16.0 0.0 33.0

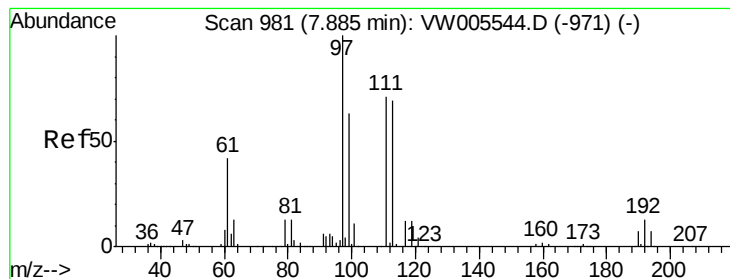


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.194 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampled :

TP-2-S

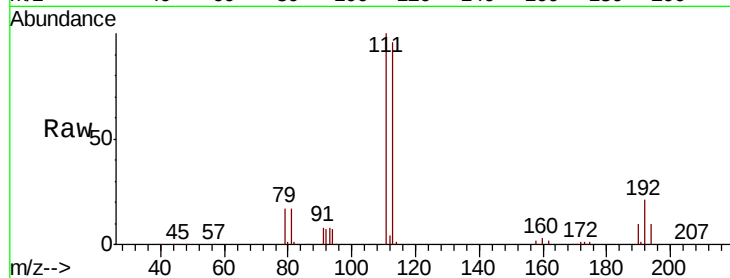
Tot Ion:113 Resp: 139606

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

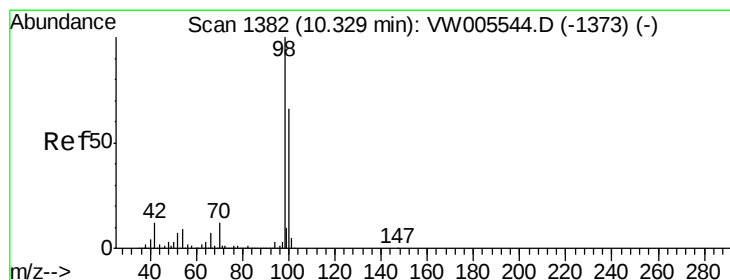
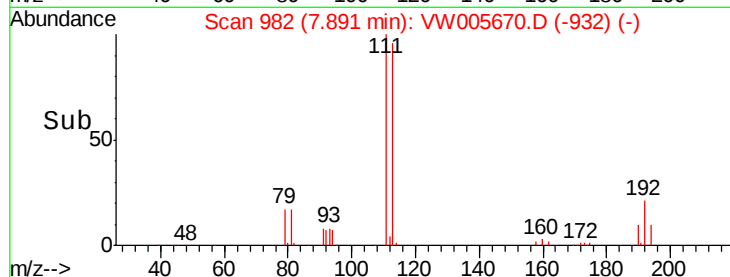
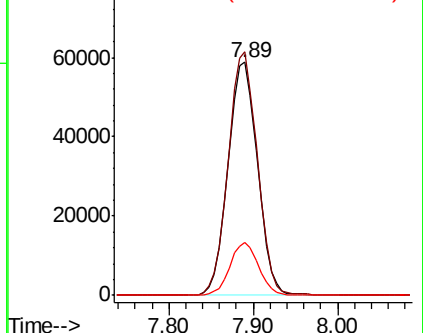
192 21.8 17.0 25.4



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: 48.585 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005670.D

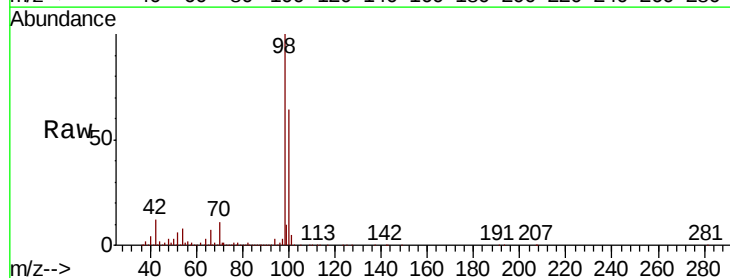
Acq: 26 Sep 2018 22:52

Tgt Ion: 98 Resp: 509616

Ion Ratio Lower Upper

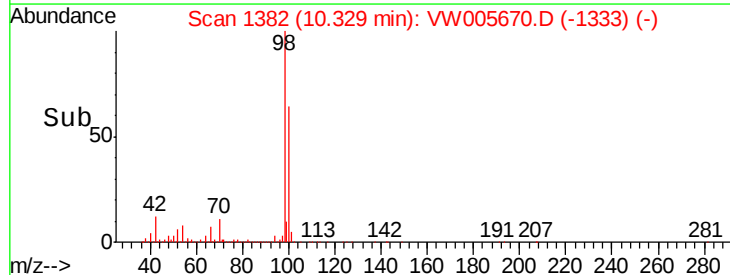
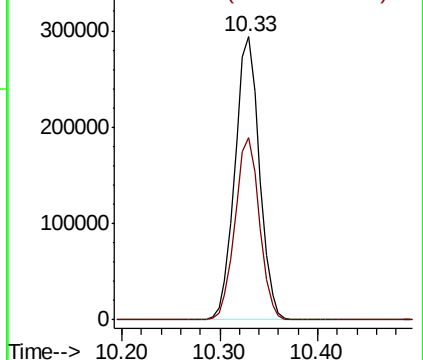
98 100

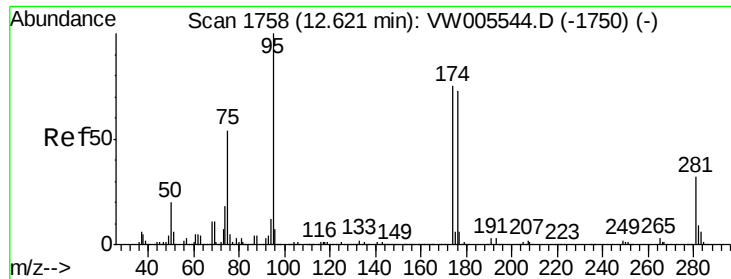
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

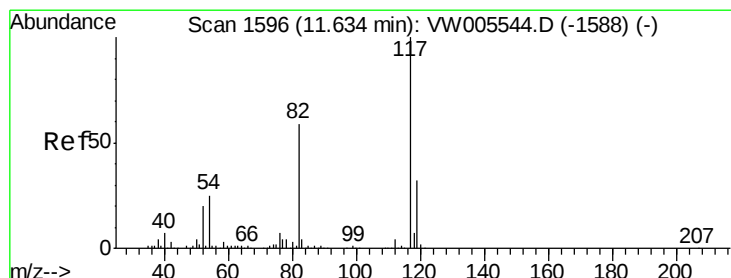
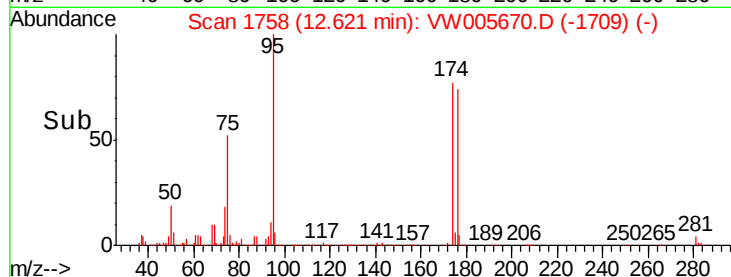
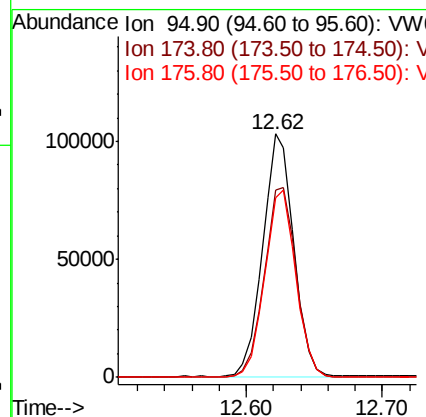
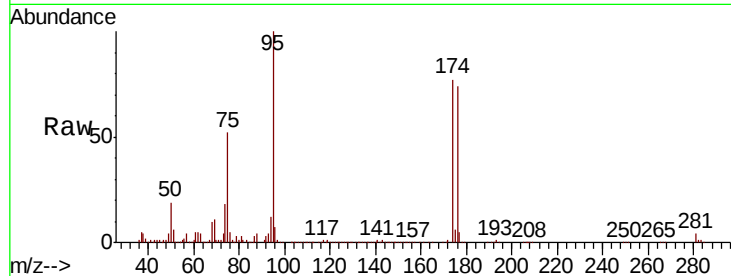




#62
4-Bromofluorobenzene
Concen: 42.413 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

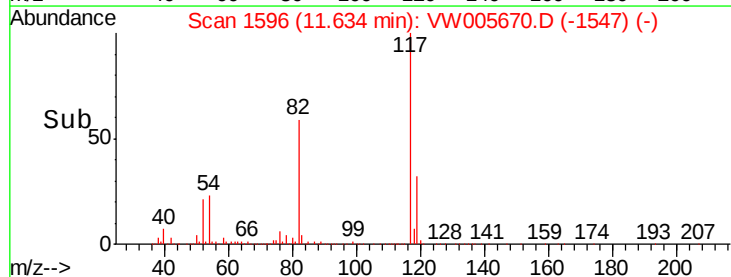
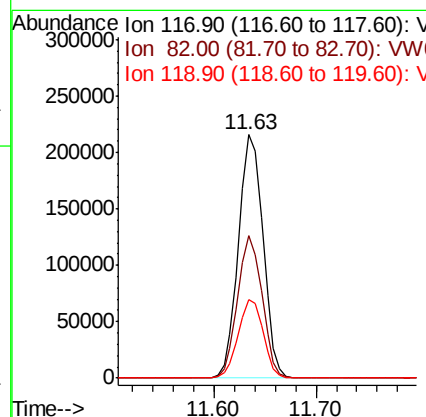
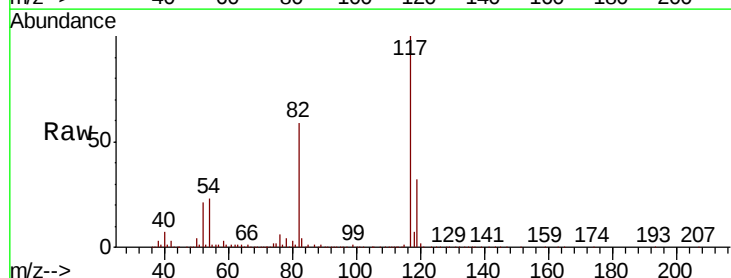
Instrument :
MSVOA_W
ClientSampled :
TP-2-S

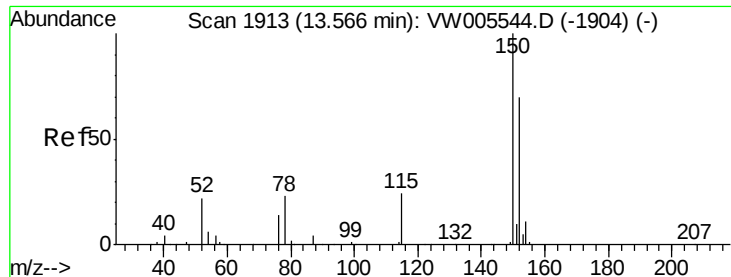
Tot Ion: 95 Resp: 164616
Ion Ratio Lower Upper
95 100
174 80.4 0.0 163.8
176 77.4 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005670.D
Acq: 26 Sep 2018 22:52

Tgt Ion: 117 Resp: 359913
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 32.3 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: VW005670.D

Acq: 26 Sep 2018 22:52

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S

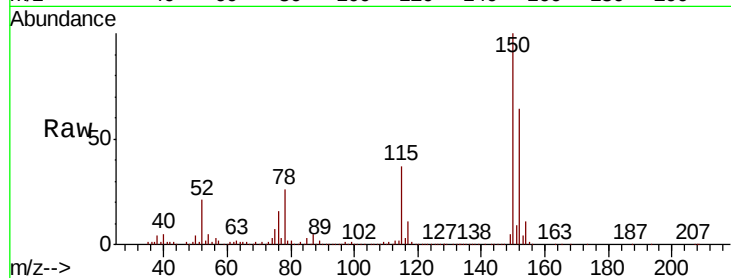
Tot Ion:152 Resp: 144104

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.6 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

