

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005665.D
 Acq On : 26 Sep 2018 20:42
 Operator : VA/AP
 Sample : J4773-19
 Misc : 7.47G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-092518-E

Quant Time: Sep 27 07:13:38 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

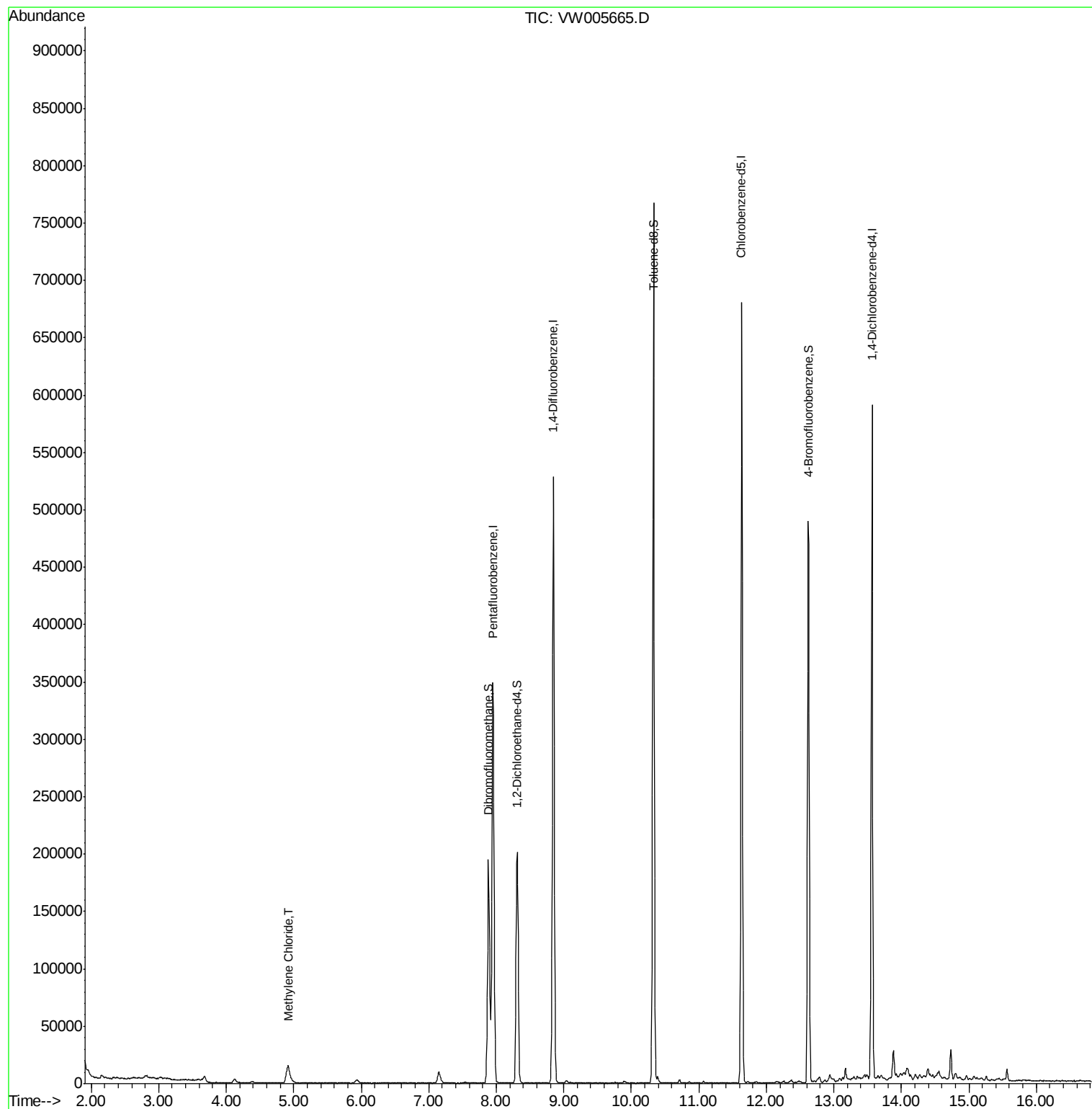
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	426557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165163	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	7.88	113	136329	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.33	98	496395	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.62	95	159257	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
Target Compounds						
20) Methylene Chloride	4.92	84	14372	1.511	ug/l	Qvalue 93

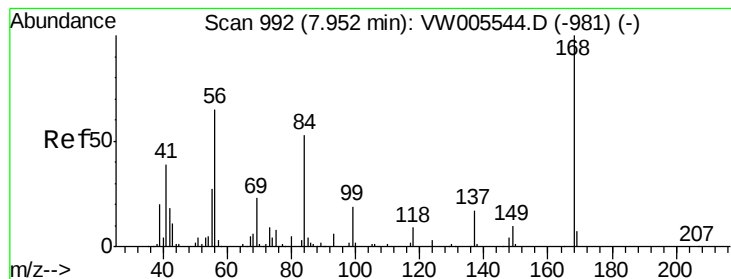
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005665.D

Acq: 26 Sep 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

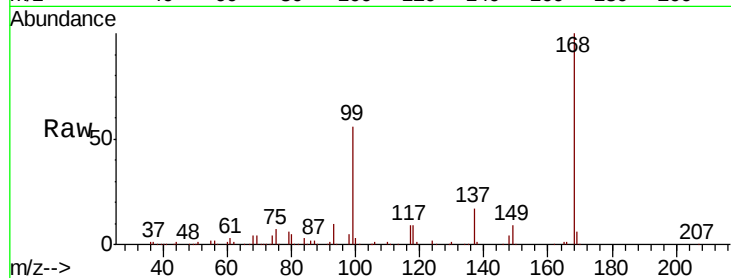
CL-02-092518-E

Tot Ion:168 Resp: 256816

Ion Ratio Lower Upper

168 100

99 56.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

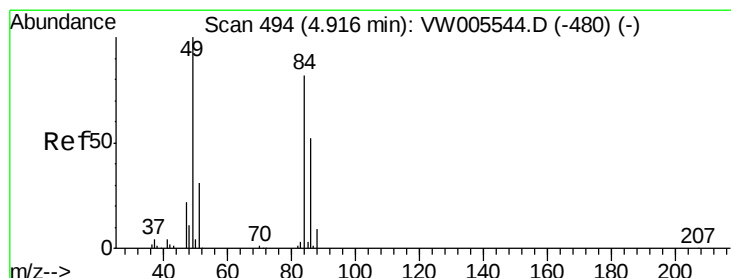
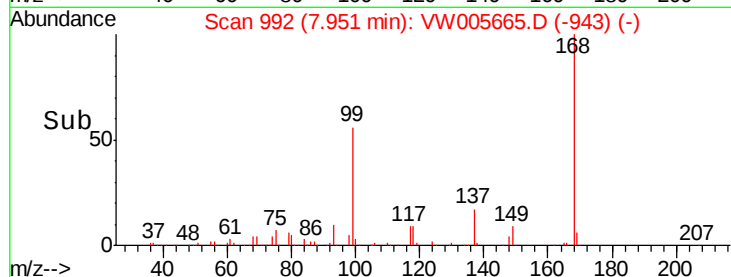
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.511 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005665.D

Acq: 26 Sep 2018 20:42

Tgt Ion: 84 Resp: 14372

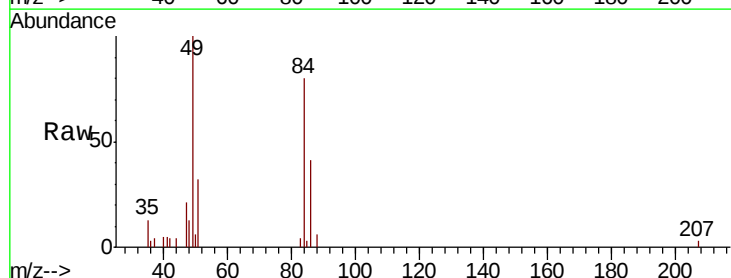
Ion Ratio Lower Upper

84 100

49 125.2 97.0 145.6

51 40.1 30.2 45.2

86 51.2 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

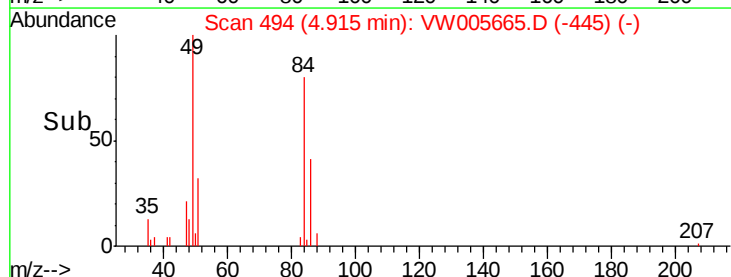
6000

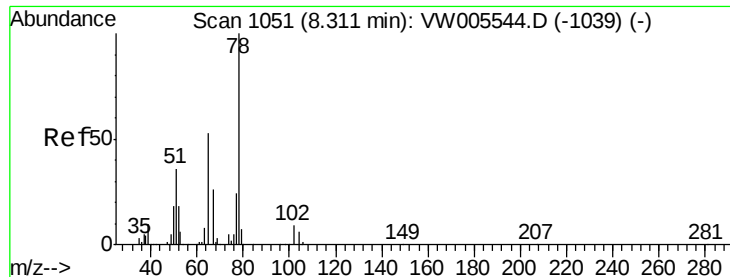
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 54.591 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005665.D

Acq: 26 Sep 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

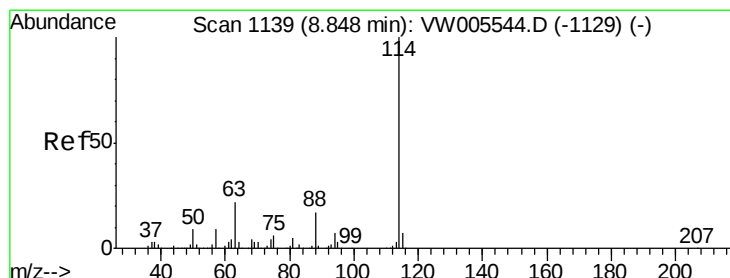
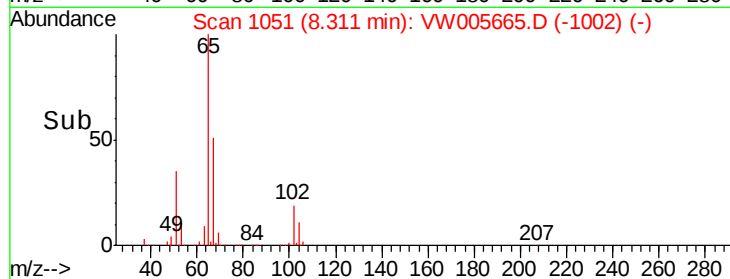
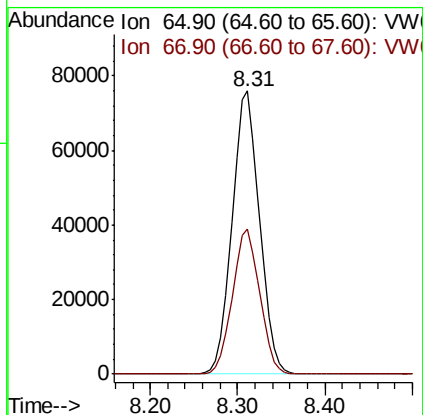
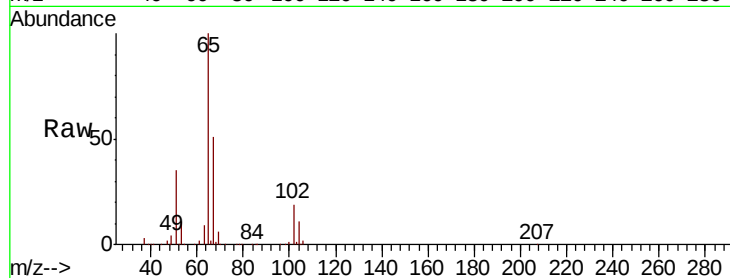
CL-02-092518-E

Tot Ion: 65 Resp: 165163

Ion Ratio Lower Upper

65 100

67 51.1 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: VW005665.D

Acq: 26 Sep 2018 20:42

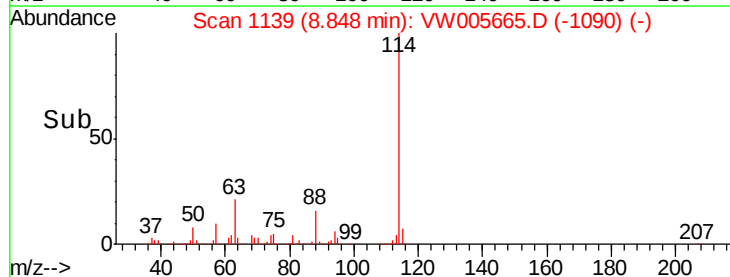
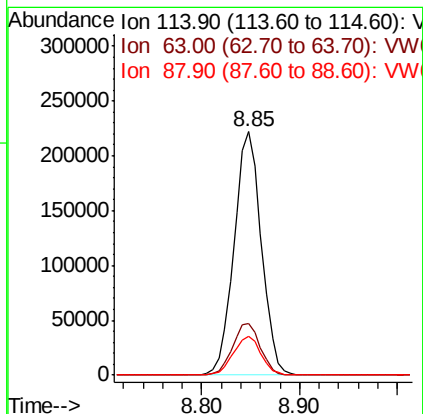
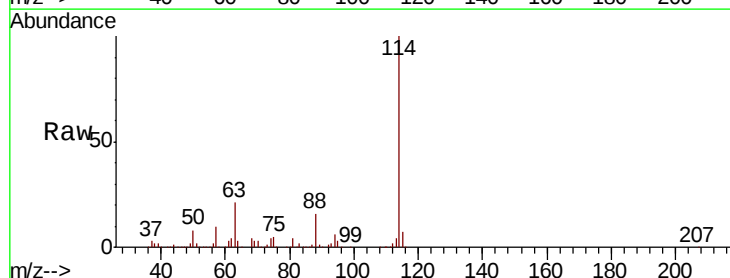
Tgt Ion: 114 Resp: 426557

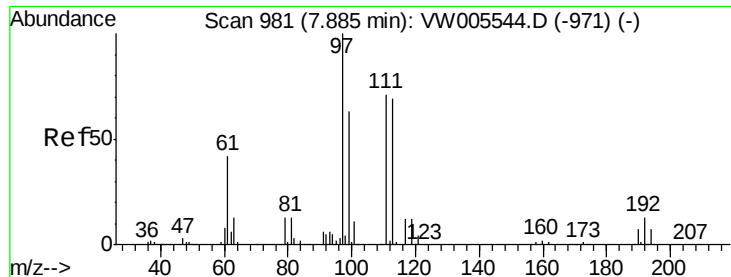
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.1 0.0 33.0

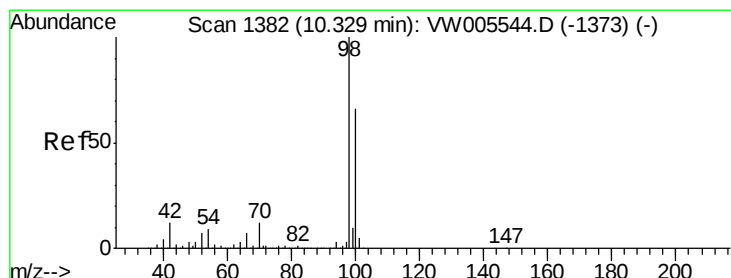
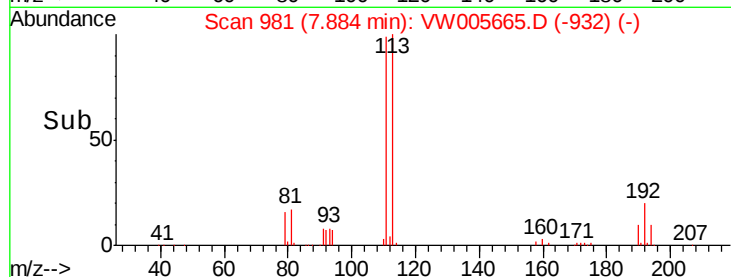
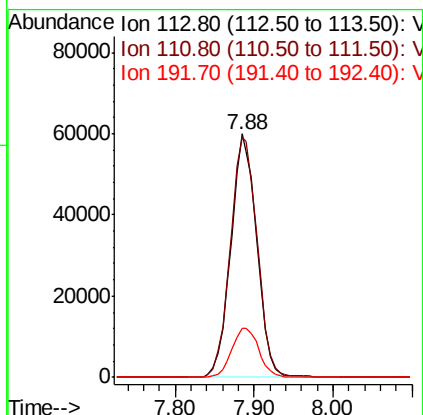
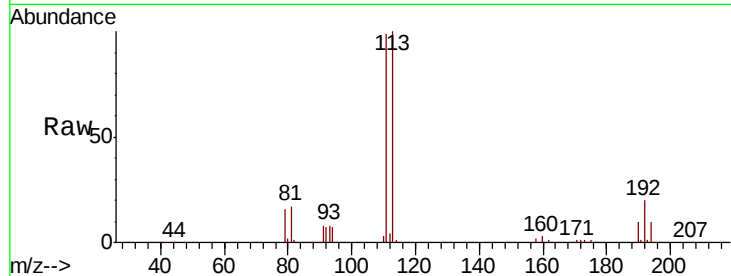




#35
 Dibromofluoromethane
 Concen: 50.823 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005665.D
 Acq: 26 Sep 2018 20:42

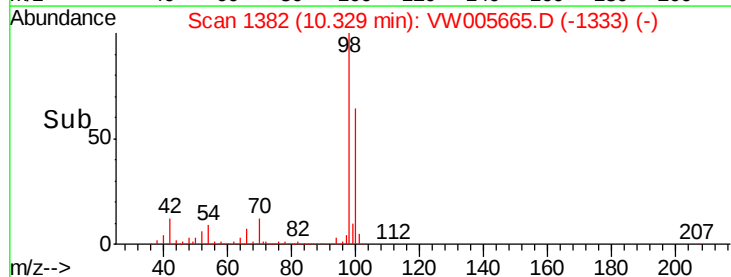
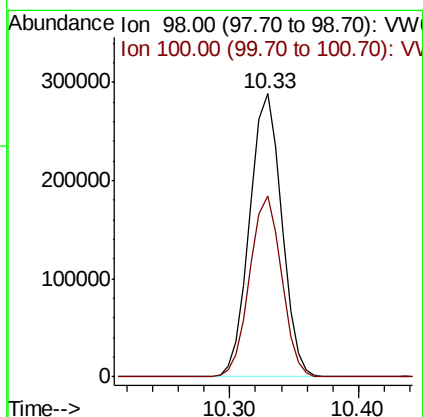
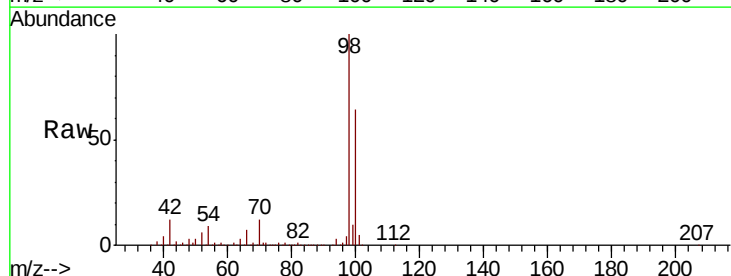
Instrument :
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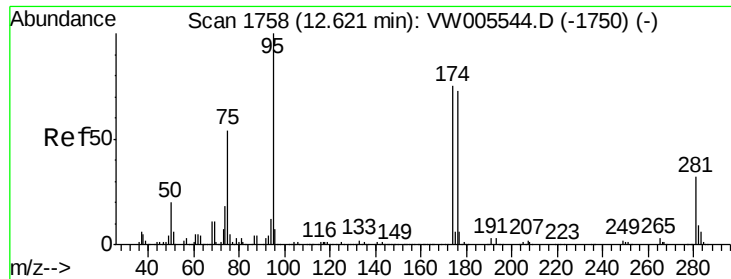
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	21.1	17.0	25.4



#50
 Toluene-d8
 Concen: 45.448 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005665.D
 Acq: 26 Sep 2018 20:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4

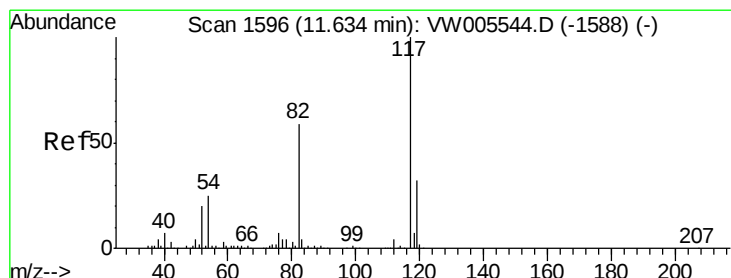
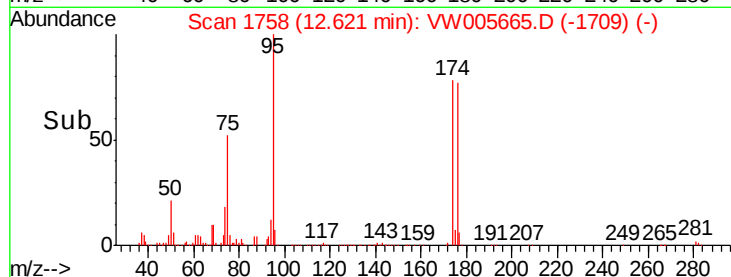
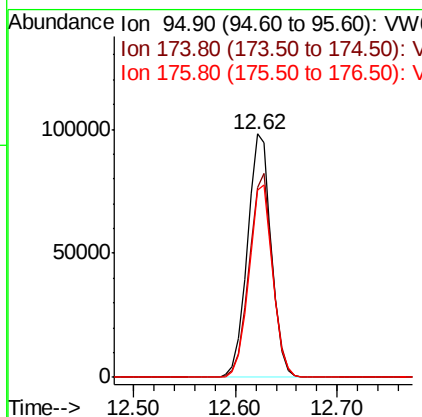
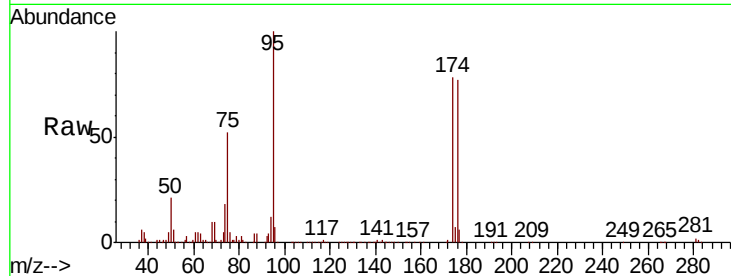




#62
4-Bromofluorobenzene
Concen: 39.405 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005665.D
Acq: 26 Sep 2018 20:42

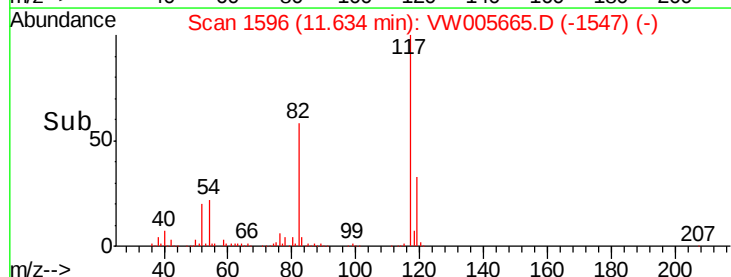
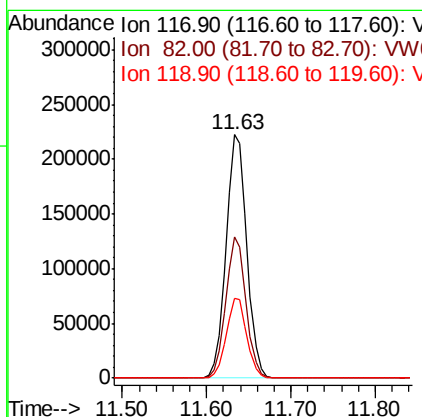
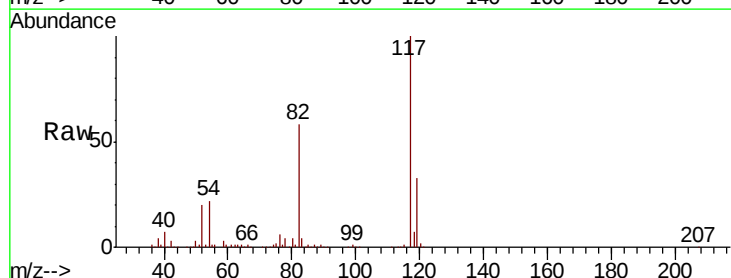
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-E

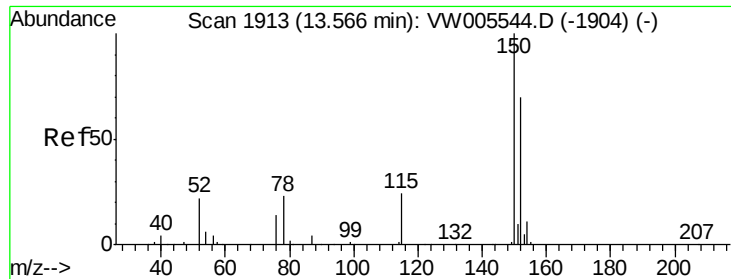
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	163.8
176	79.0	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005665.D
Acq: 26 Sep 2018 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.9	70.3
119	32.5	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: VW005665.D

Acq: 26 Sep 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

CL-02-092518-E

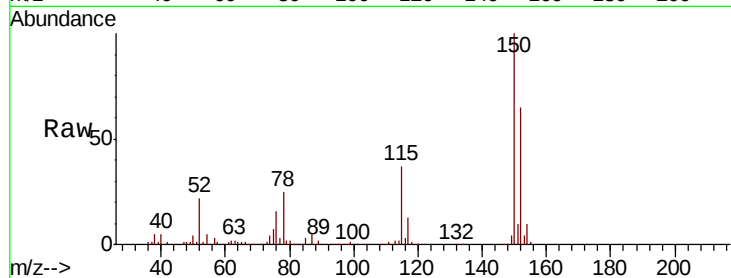
Tot Ion:152 Resp: 154574

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 156.5 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

