

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006103.D
 Acq On : 17 Oct 2018 03:56
 Operator : VA/AP
 Sample : J5513-03
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-CUSA-BASE-1

Quant Time: Oct 17 07:47:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

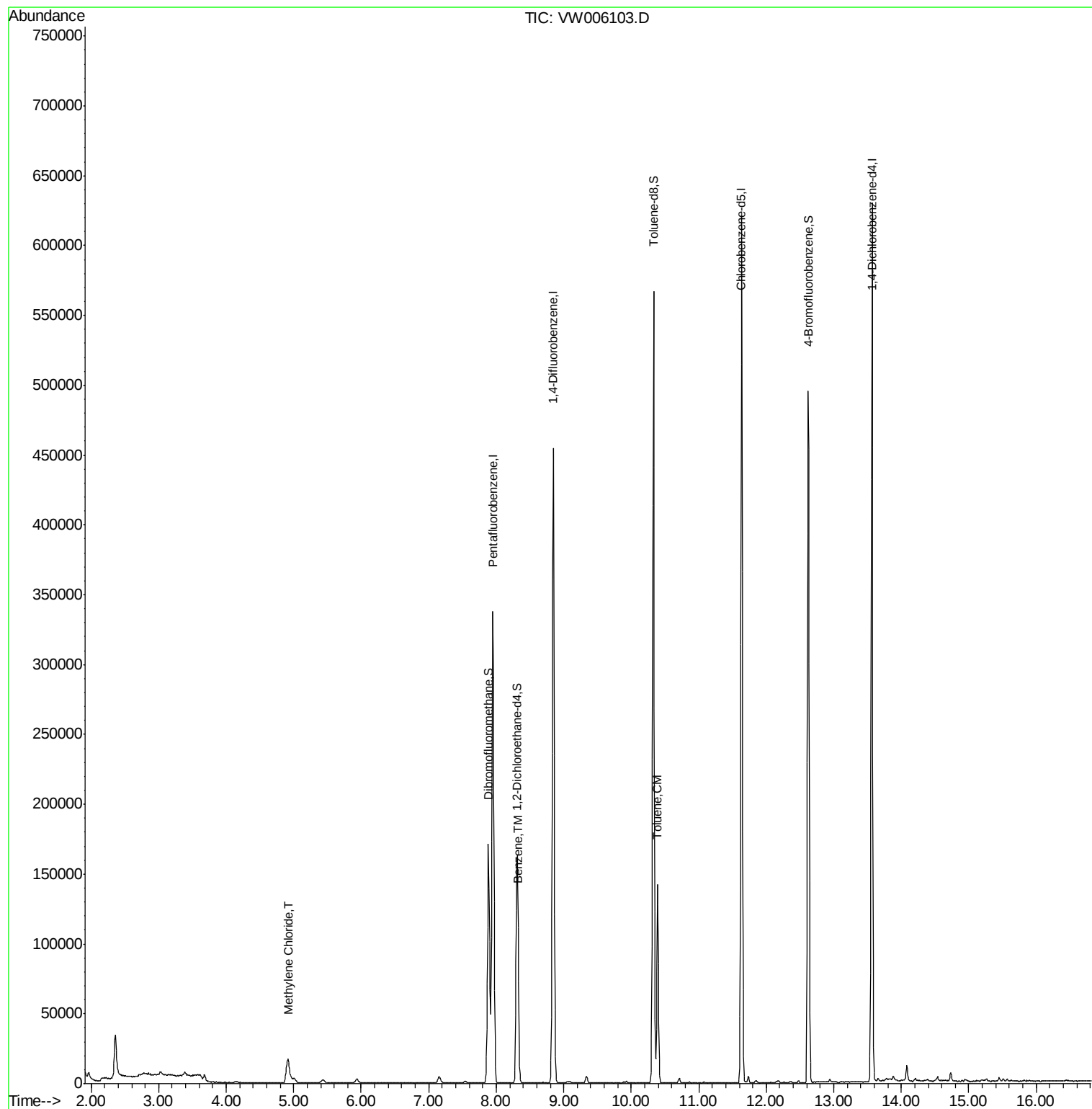
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120918	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	7.88	113	118020	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.33	98	392489	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
62) 4-Bromofluorobenzene	12.62	95	147292	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
20) Methylene Chloride	4.92	84	15761	5.282	ug/l	95
40) Benzene	8.33	78	21130	2.043	ug/l	99
52) Toluene	10.39	92	60274	8.691	ug/l	98

(#) = 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# 992

Delta R.T. 0.00 min

Lab File: VW006103.D

Acq: 17 Oct 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

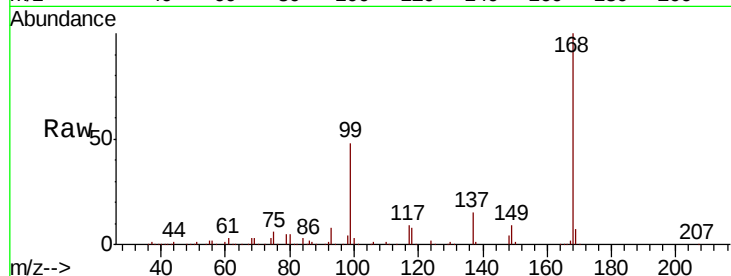
EP1-CUSA-BASE-1

Tot Ion:168 Resp: 266647

Ion Ratio Lower Upper

168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

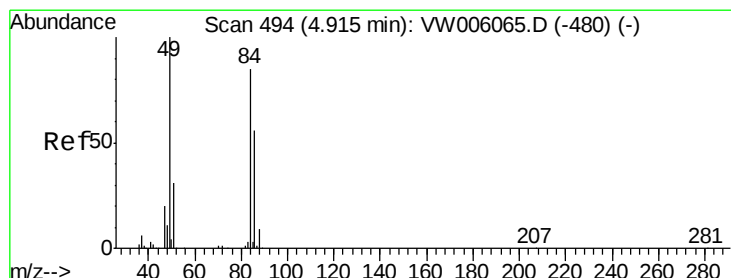
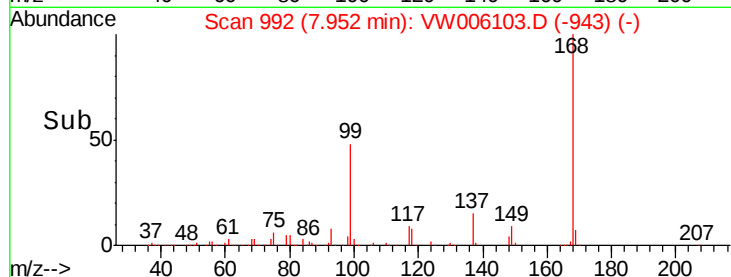
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.282 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006103.D

Acq: 17 Oct 2018 03:56

Tgt Ion: 84 Resp: 15761

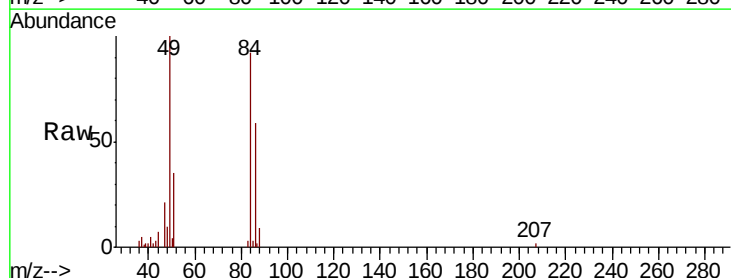
Ion Ratio Lower Upper

84 100

49 109.1 93.6 140.4

51 38.4 29.0 43.4

86 64.7 52.6 79.0



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

4.92

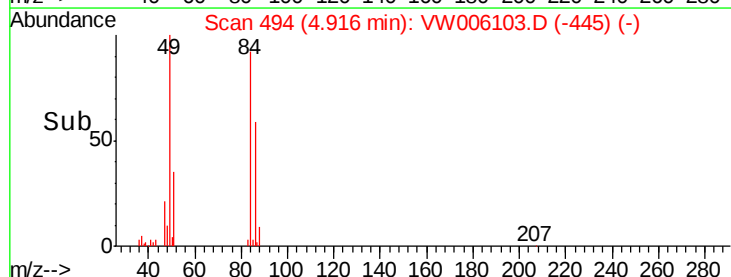
6000

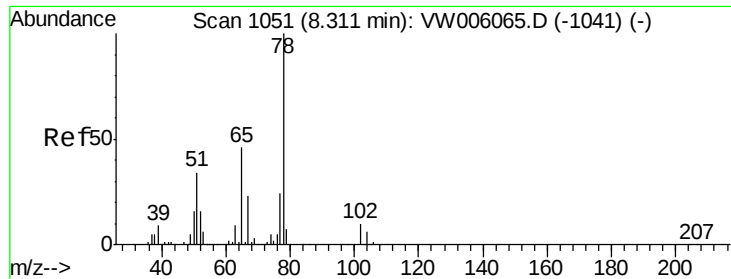
4000

2000

0

Time-->

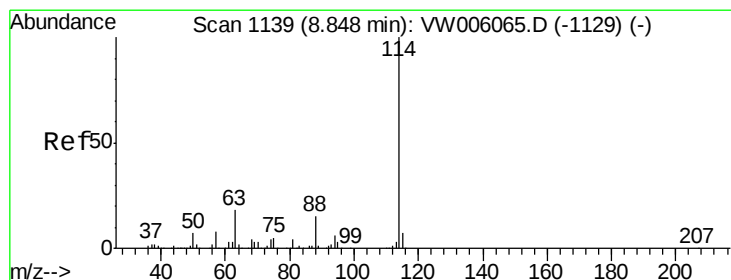
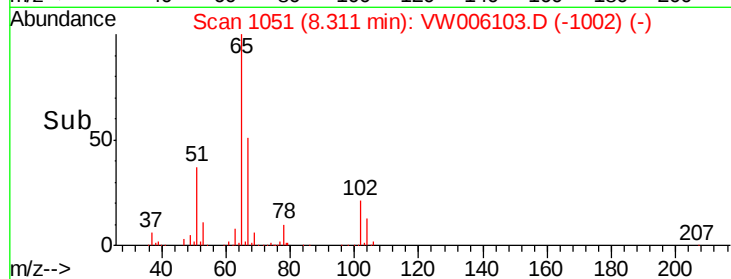
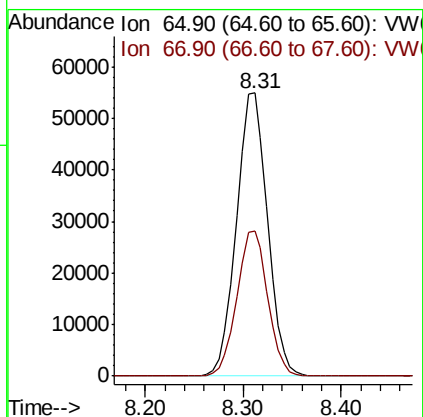
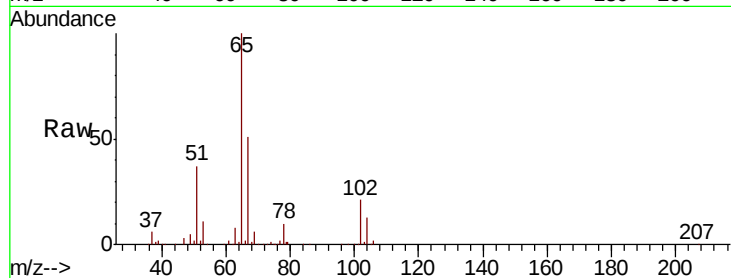




#33
 1,2-Dichloroethane-d4
 Concen: 54.698 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006103.D
 Acq: 17 Oct 2018 03:56

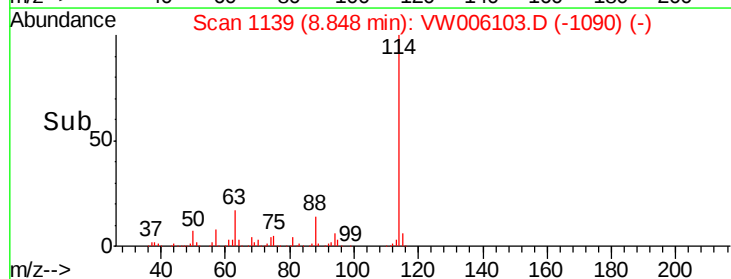
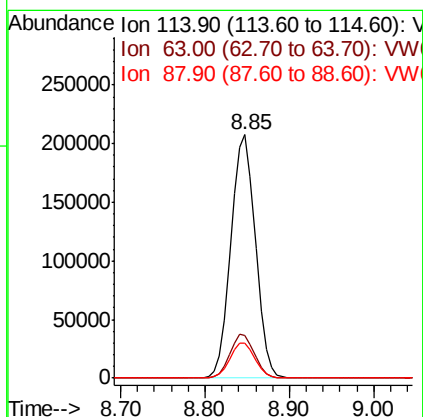
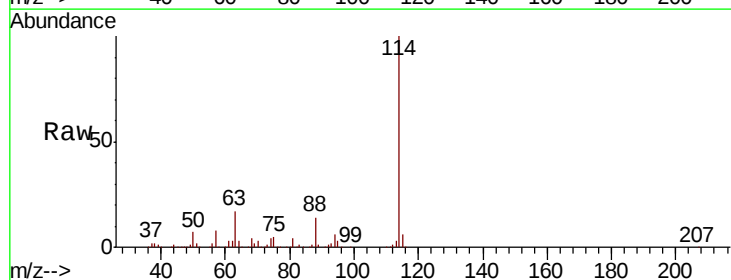
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-CUSA-BASE-1

Tot Ion: 65 Resp: 120918
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006103.D
 Acq: 17 Oct 2018 03:56

Tgt Ion: 114 Resp: 409128
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.8
 88 14.2 0.0 29.0

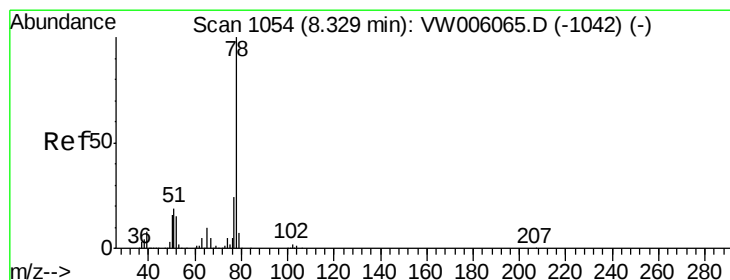
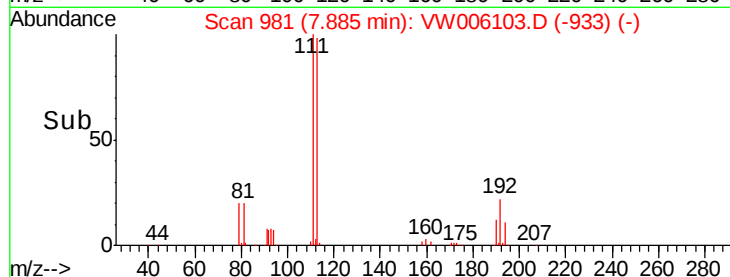
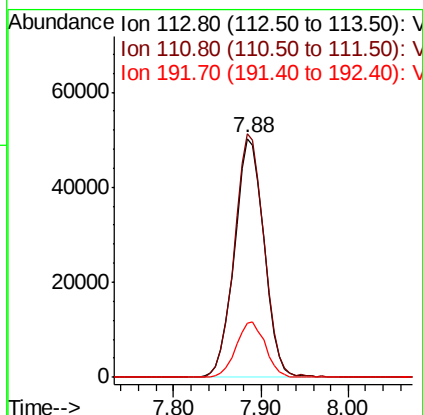
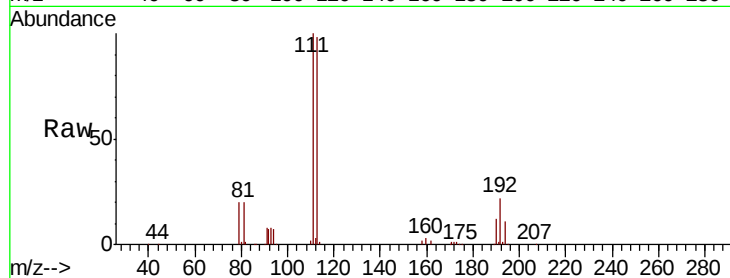




#35
 Dibromofluoromethane
 Concen: 48.819 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006103.D
 Acq: 17 Oct 2018 03:56

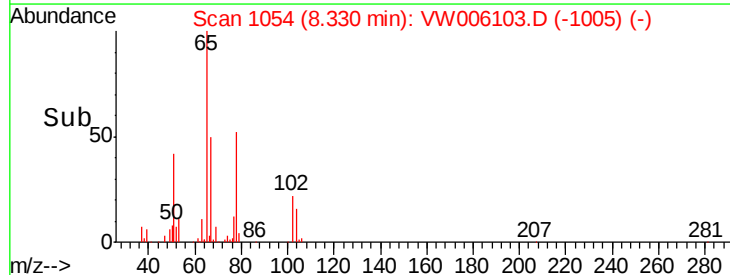
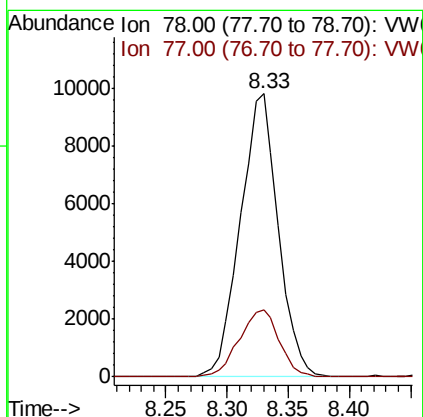
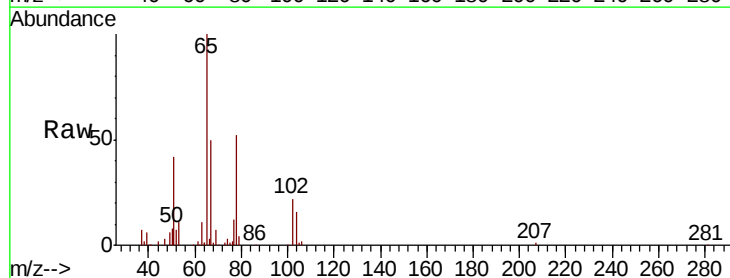
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-CUSA-BASE-1

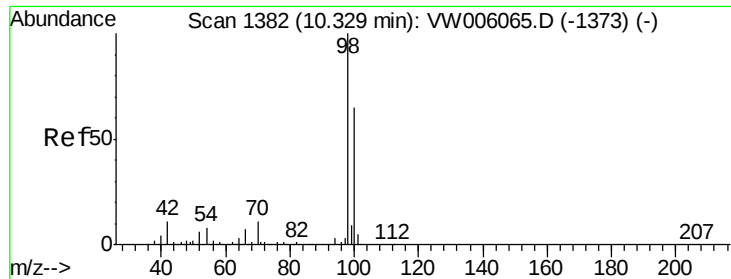
Tot Ion:113 Resp: 118020
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 22.8 18.7 28.1



#40
 Benzene
 Concen: 2.043 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VW006103.D
 Acq: 17 Oct 2018 03:56

Tgt Ion: 78 Resp: 21130
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.4 29.0

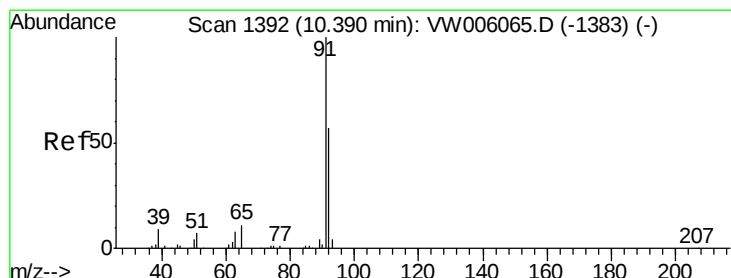
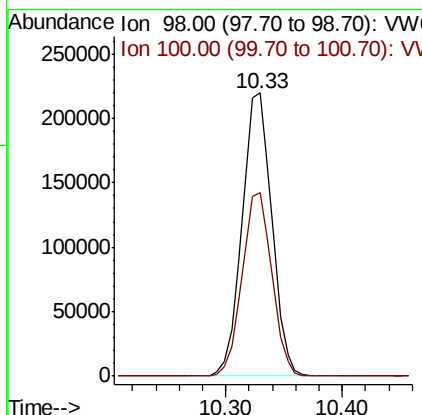
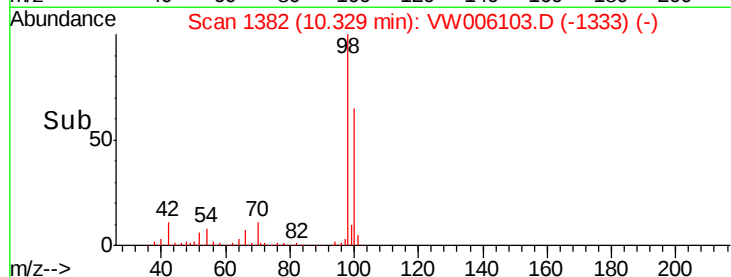
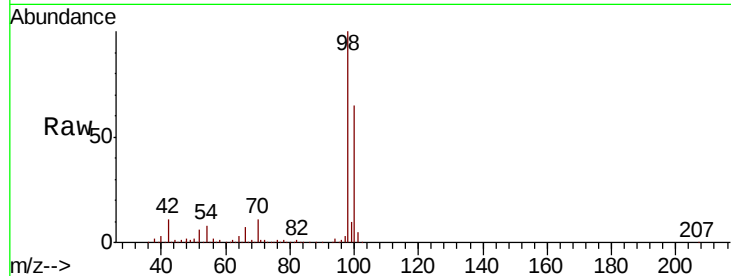




#50
Toluene-d8
Concen: 42.674 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006103.D
Acq: 17 Oct 2018 03:56

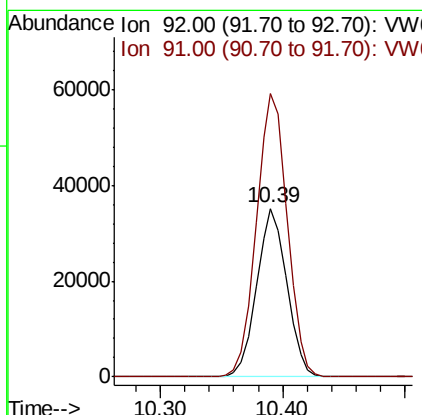
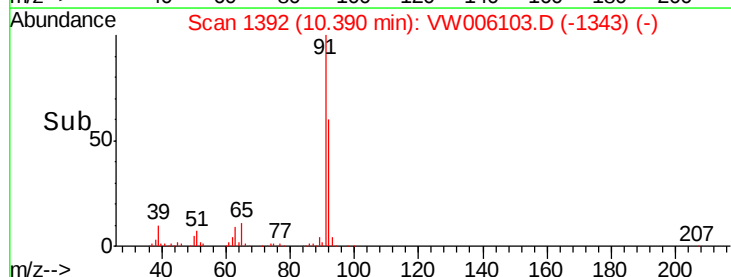
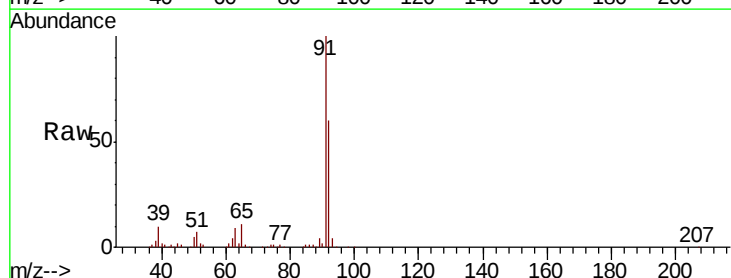
Instrument :
MSVOA_W
ClientSampleId :
EP1-CUSA-BASE-1

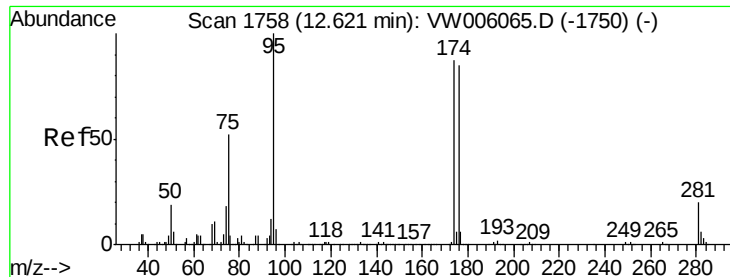
Tot Ion: 98 Resp: 392489
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#52
Toluene
Concen: 8.691 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006103.D
Acq: 17 Oct 2018 03:56

Tgt Ion: 92 Resp: 60274
Ion Ratio Lower Upper
92 100
91 172.2 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 42.638 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006103.D

Acq: 17 Oct 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

EP1-CUSA-BASE-1

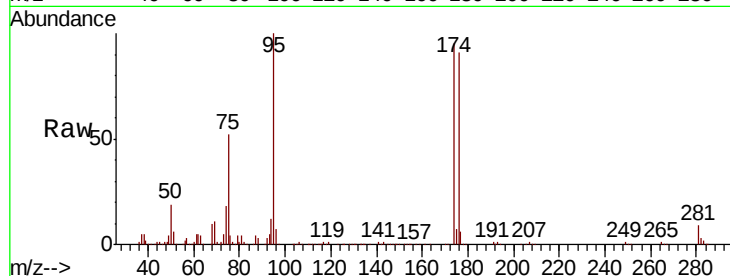
Tot Ion: 95 Resp: 147292

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

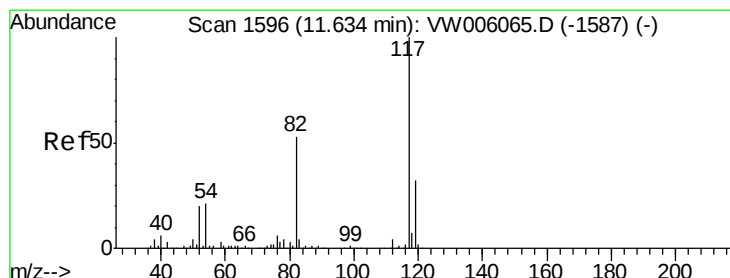
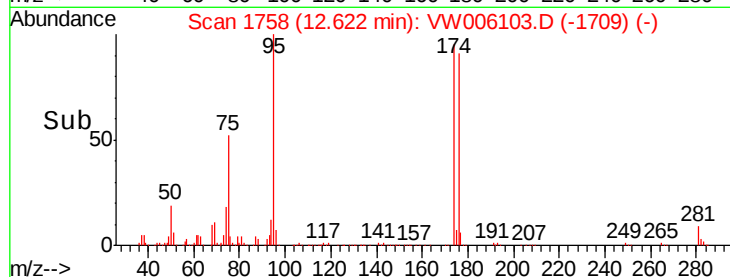
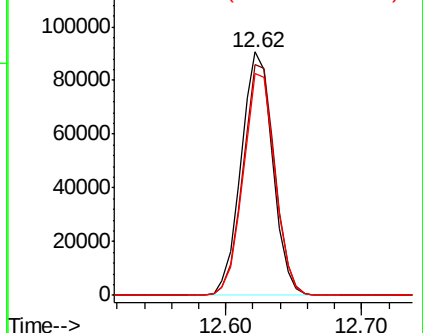
176 91.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006103.D

Acq: 17 Oct 2018 03:56

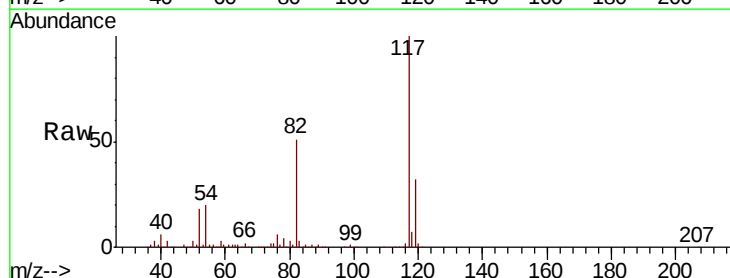
Tgt Ion: 117 Resp: 354089

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

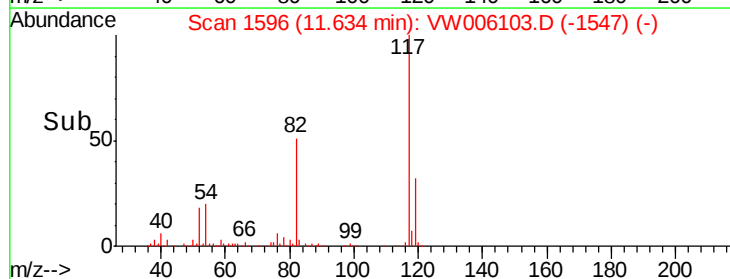
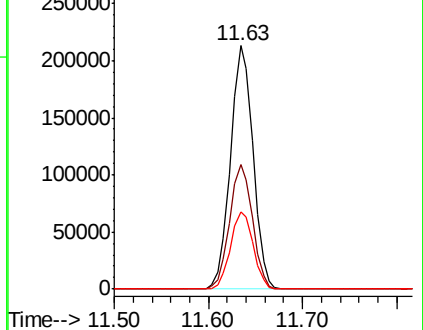
119 31.7 25.8 38.6

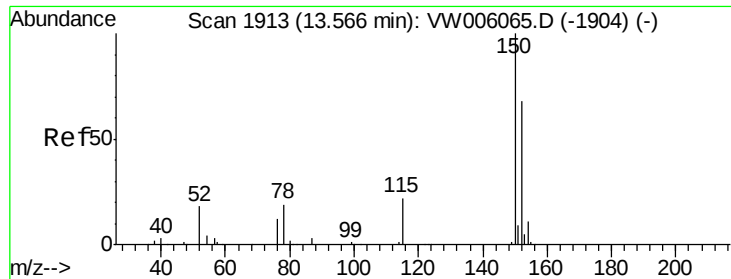


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006103.D

Acq: 17 Oct 2018 03:56

Instrument :

MSVOA_W

ClientSampleId :

EP1-CUSA-BASE-1

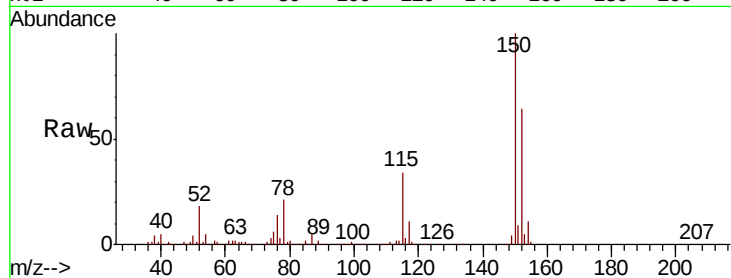
Tot Ion:152 Resp: 175009

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

150 155.7 0.0 349.2



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

