

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005185.D
 Acq On : 07 Sep 2018 02:31
 Operator : SY/AP
 Sample : J4748-03
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08

Quant Time: Sep 07 04:30:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	380931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	646106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	636017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	300326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	243490	77.11	ug/l	0.00
Spiked Amount			Recovery	=	154.22%	
35) Dibromofluoromethane	7.89	113	223743	59.92	ug/l	0.00
Spiked Amount			Recovery	=	119.84%	
50) Toluene-d8	10.33	98	923255	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.63	95	322464	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	

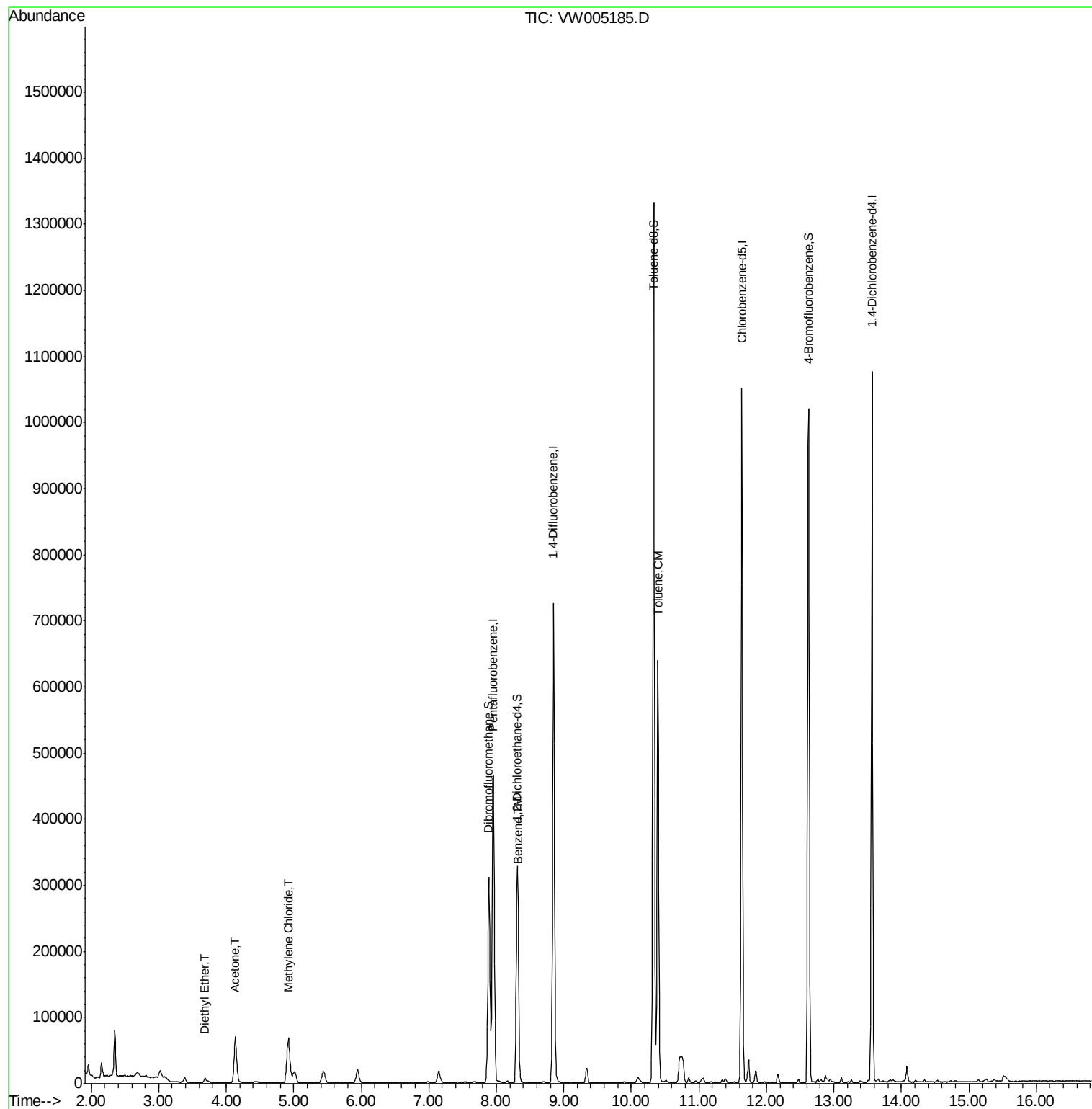
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3470	1.97	ug/l	91
16) Acetone	4.13	43	118025	186.37	ug/l	95
20) Methylene Chloride	4.92	84	56616	10.13	ug/l	98
40) Benzene	8.33	78	35797	1.90	ug/l	96
52) Toluene	10.40	92	289044	22.65	ug/l	99

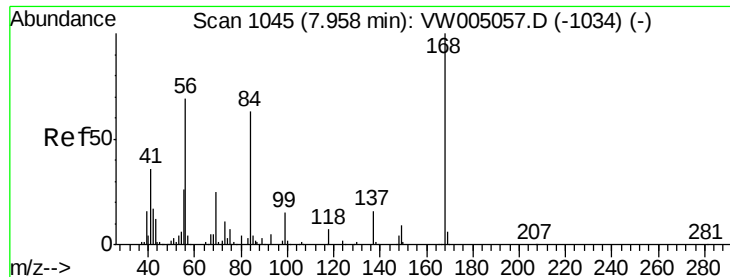
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005185.D

Acq: 07 Sep 2018 02:31

Instrument :

MSVOA_W

ClientSampled :

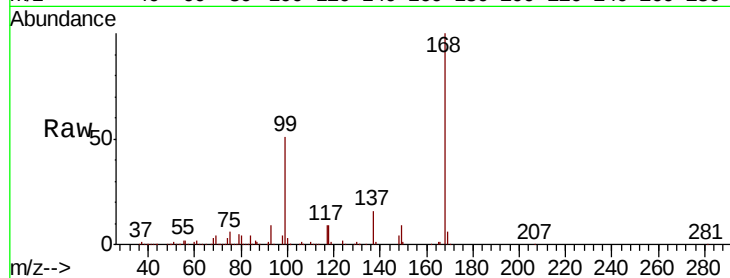
SB-08

Tot Ion:168 Resp: 380931

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

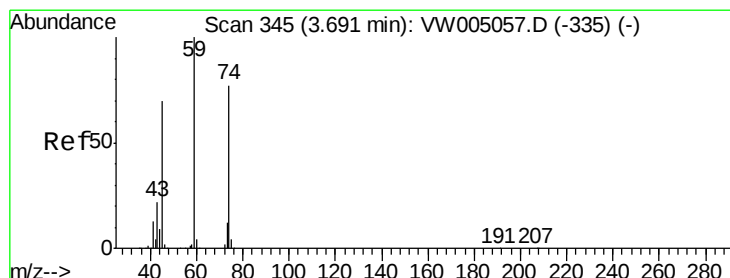
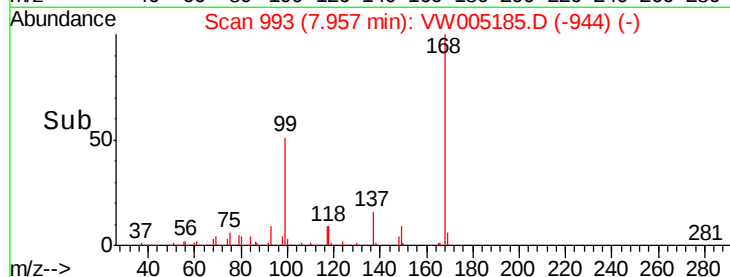
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.97 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005185.D

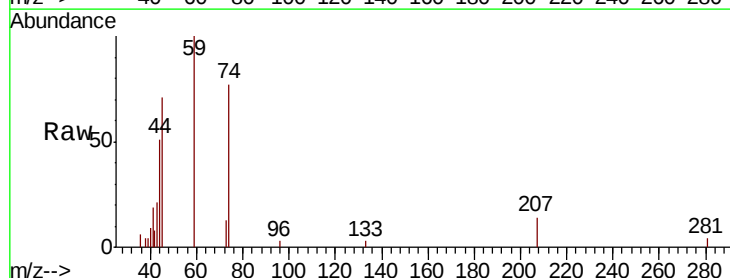
Acq: 07 Sep 2018 02:31

Tgt Ion: 74 Resp: 3470

Ion Ratio Lower Upper

74 100

45 100.5 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

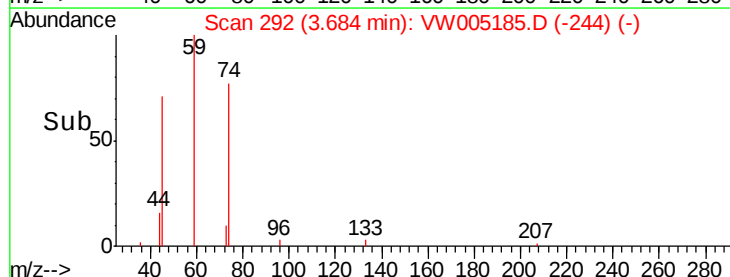
1500

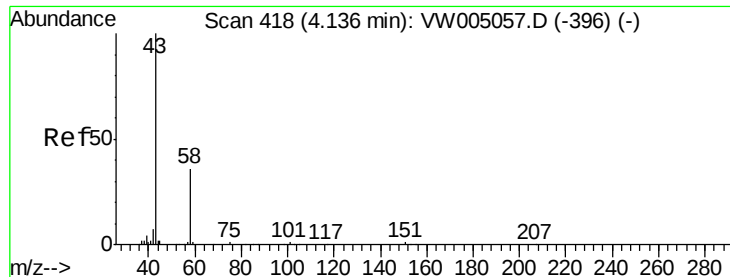
1000

500

0

Time--> 3.60 3.65 3.70 3.75

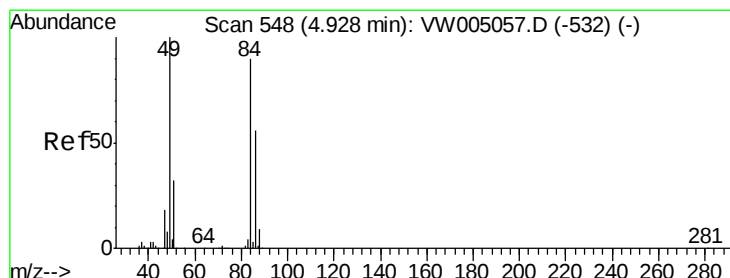
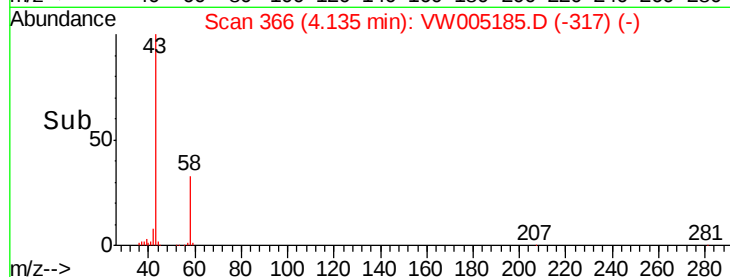
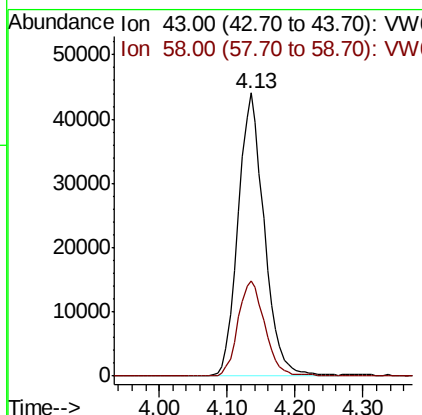
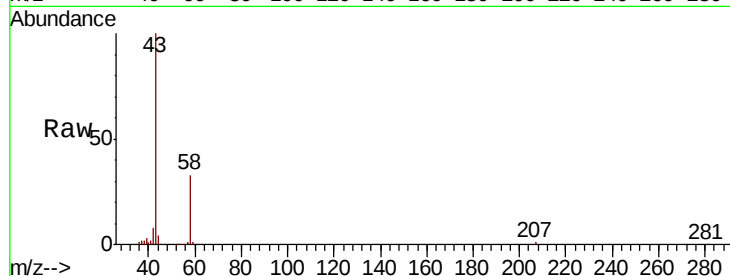




#16
Acetone
Concen: 186.37 ug/l
RT: 4.13 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005185.D
Acq: 07 Sep 2018 02:31

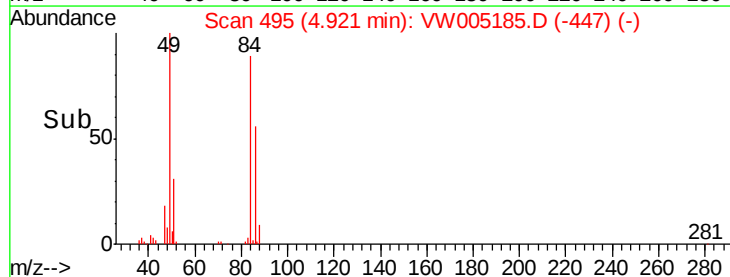
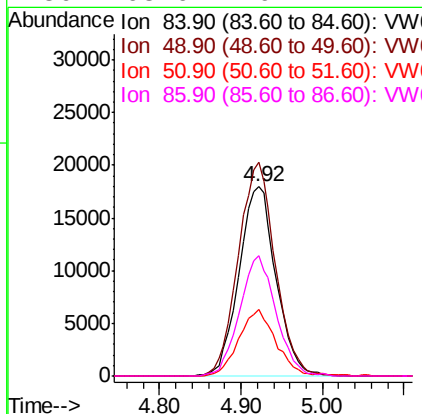
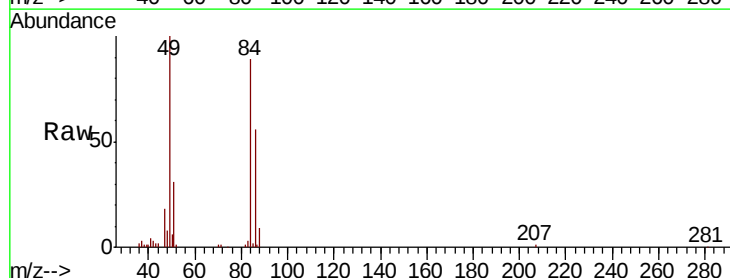
Instrument :
MSVOA_W
ClientSampleId :
SB-08

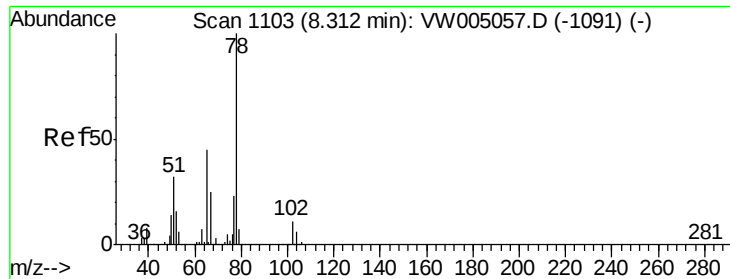
Tot Ion: 43 Resp: 118025
Ion Ratio Lower Upper
43 100
58 33.5 29.0 43.6



#20
Methylene Chloride
Concen: 10.13 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005185.D
Acq: 07 Sep 2018 02:31

Tgt Ion: 84 Resp: 56616
Ion Ratio Lower Upper
84 100
49 112.9 88.7 133.1
51 35.5 28.6 42.8
86 63.6 49.4 74.2

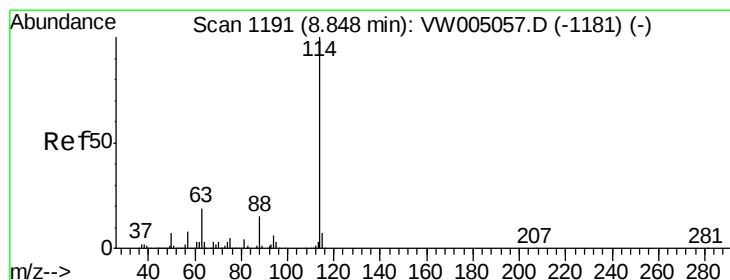
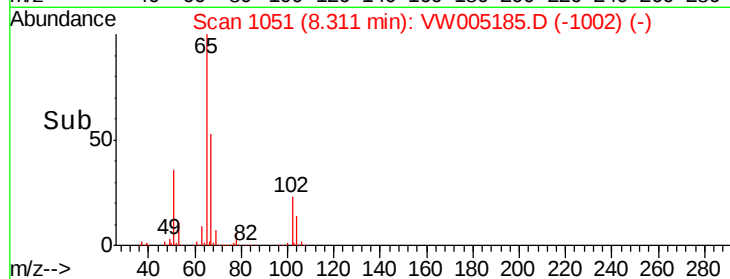
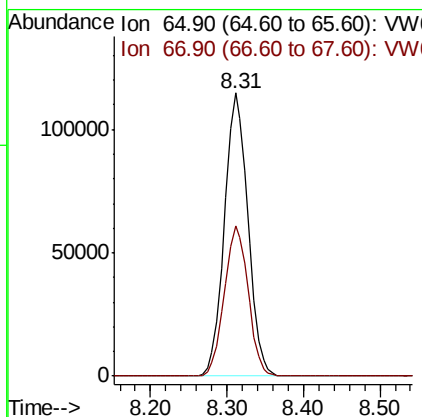
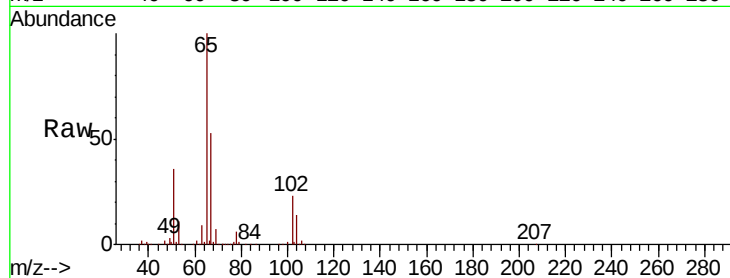




#33
 1,2-Dichloroethane-d4
 Concen: 77.11 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005185.D
 Acq: 07 Sep 2018 02:31

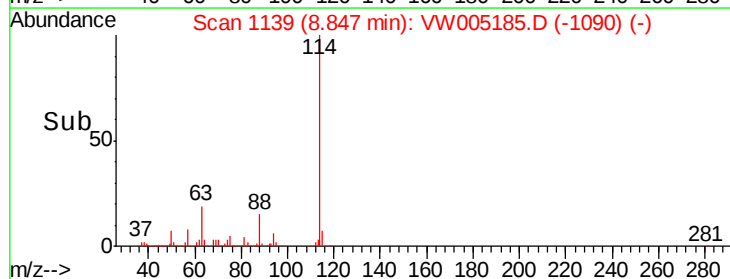
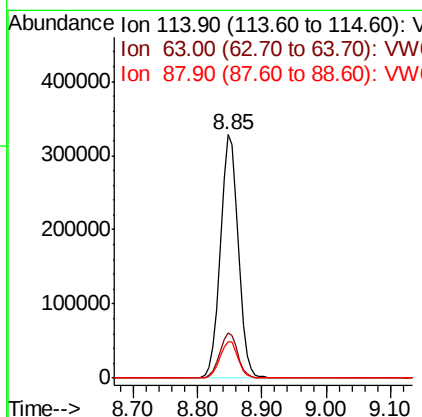
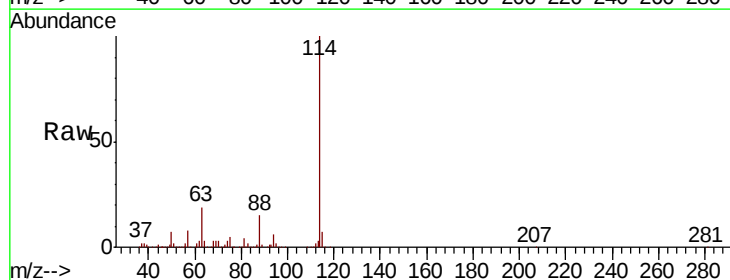
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08

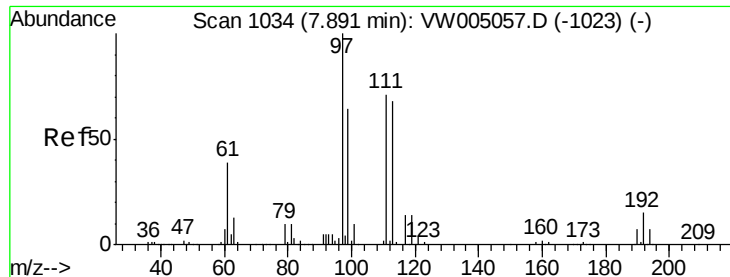
Tot Ion: 65 Resp: 243490
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005185.D
 Acq: 07 Sep 2018 02:31

Tgt Ion: 114 Resp: 646106
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 14.9 0.0 30.2

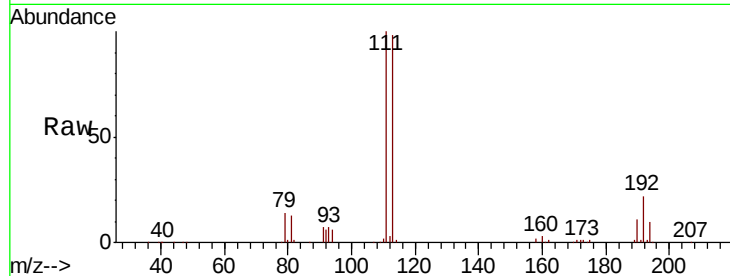




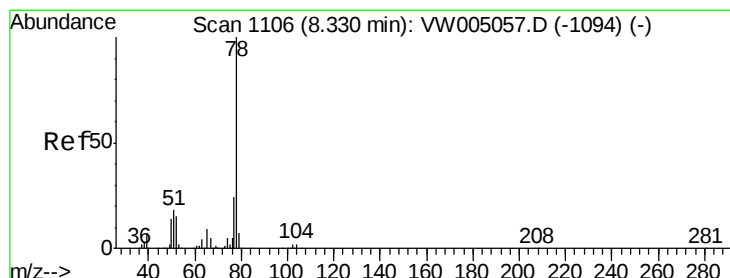
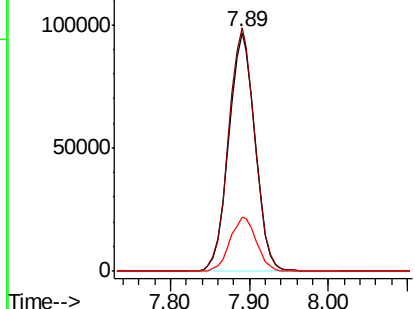
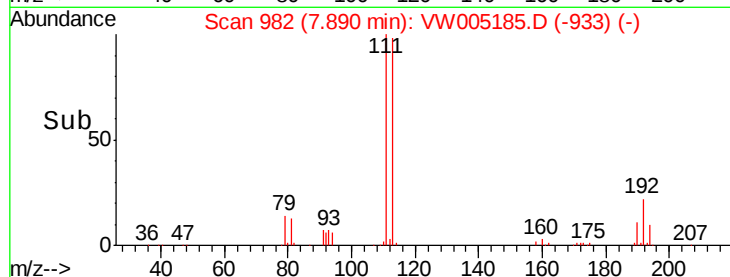
#35
 Dibromofluoromethane
 Concen: 59.92 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005185.D
 Acq: 07 Sep 2018 02:31

Instrument :
 MSVOA_W
 ClientSampled :
 SB-08

Tot Ion:113 Resp: 223743
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 22.8 18.1 27.1

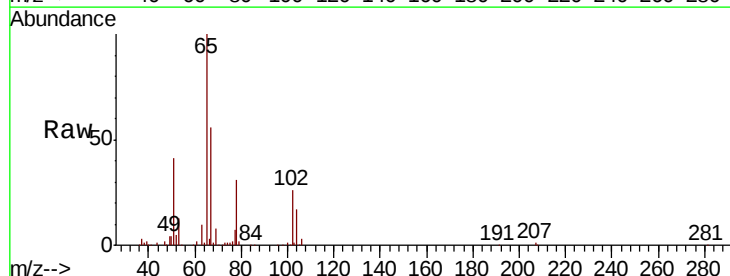


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

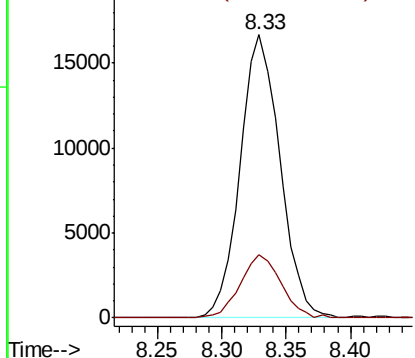
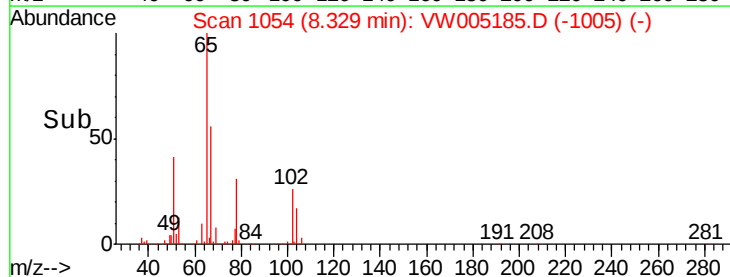


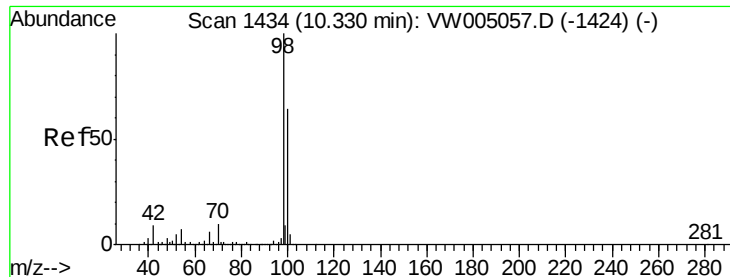
#40
 Benzene
 Concen: 1.90 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VW005185.D
 Acq: 07 Sep 2018 02:31

Tgt Ion: 78 Resp: 35797
 Ion Ratio Lower Upper
 78 100
 77 22.1 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 53.66 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005185.D

Acq: 07 Sep 2018 02:31

Instrument :

MSVOA_W

ClientSampled :

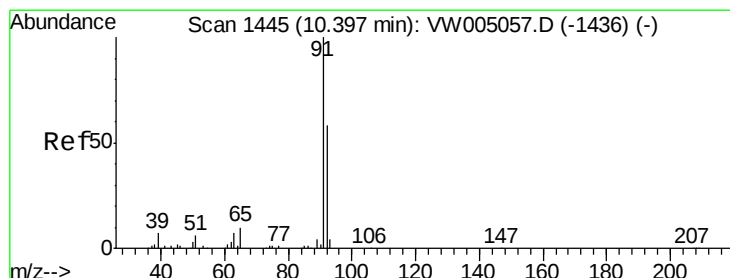
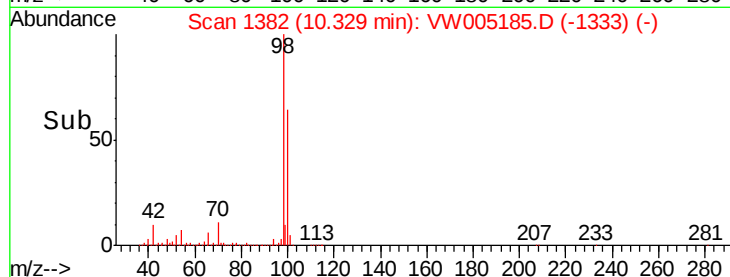
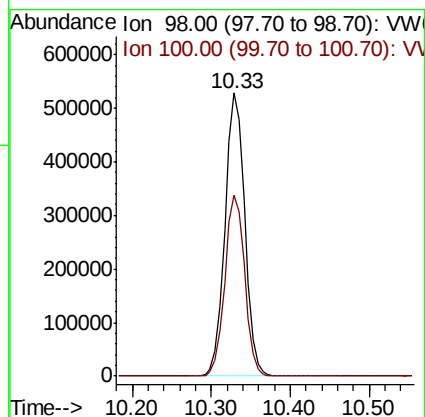
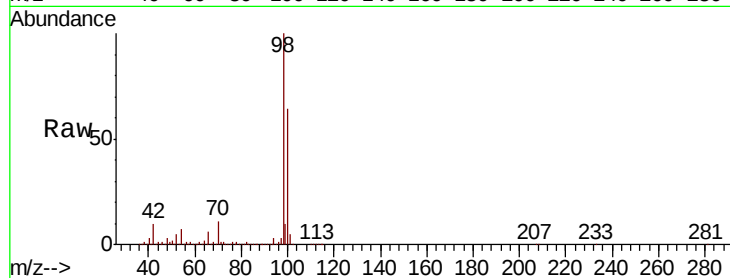
SB-08

Tot Ion: 98 Resp: 923255

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#52

Toluene

Concen: 22.65 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005185.D

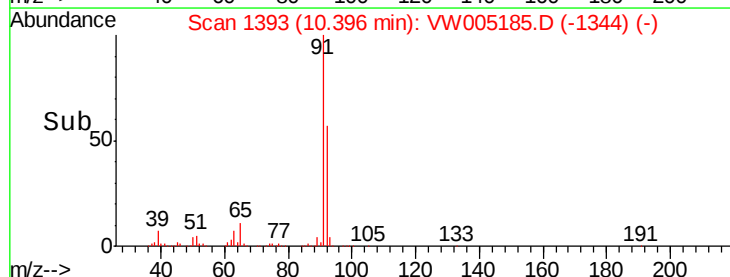
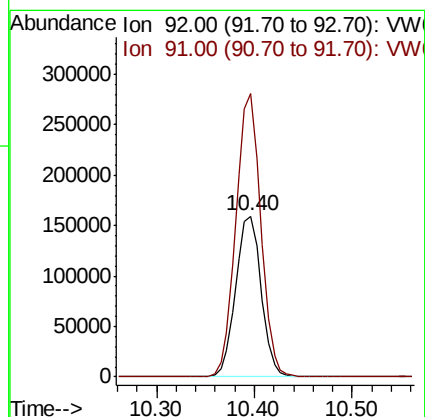
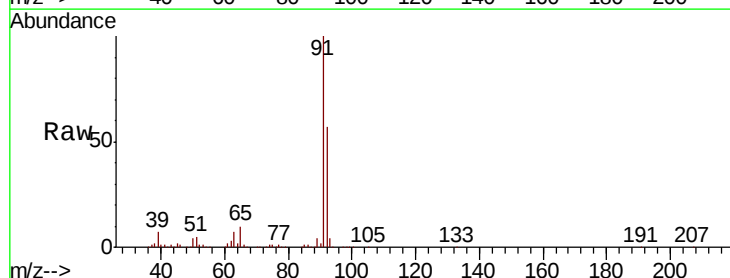
Acq: 07 Sep 2018 02:31

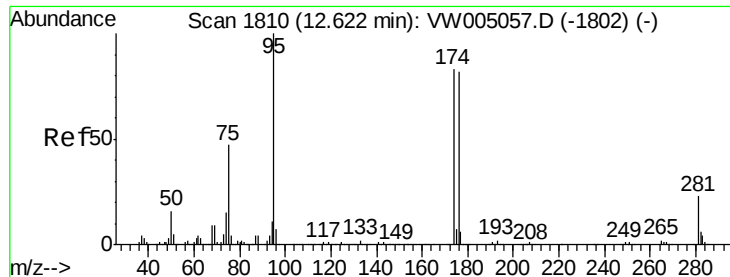
Tgt Ion: 92 Resp: 289044

Ion Ratio Lower Upper

92 100

91 172.3 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 53.16 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005185.D

Acq: 07 Sep 2018 02:31

Instrument :

MSVOA_W

ClientSampled :

SB-08

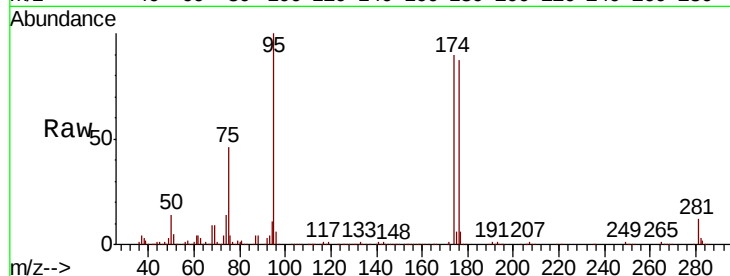
Tot Ion: 95 Resp: 322464

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.4

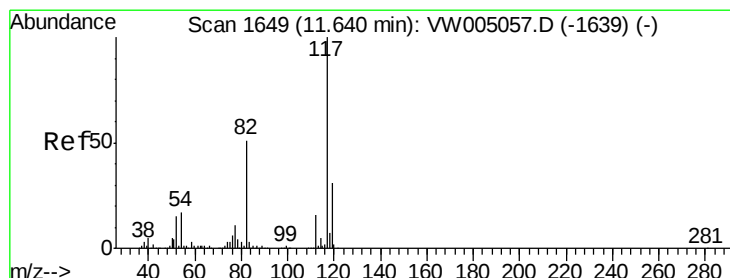
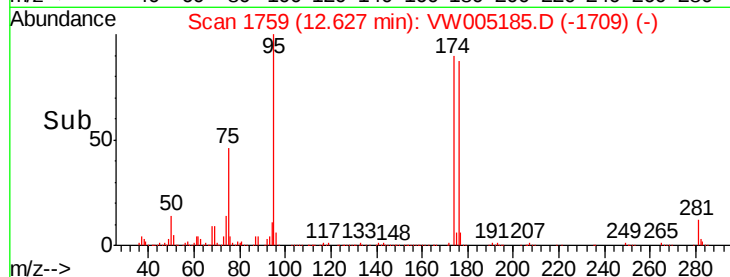
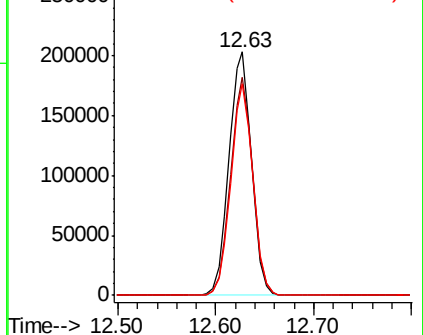
176 84.9 0.0 167.4



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: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005185.D

Acq: 07 Sep 2018 02:31

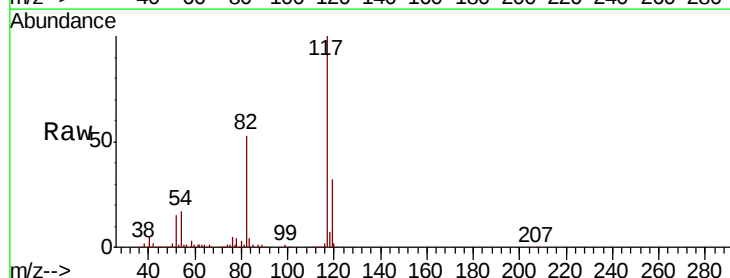
Tgt Ion: 117 Resp: 636017

Ion Ratio Lower Upper

117 100

82 52.9 40.9 61.3

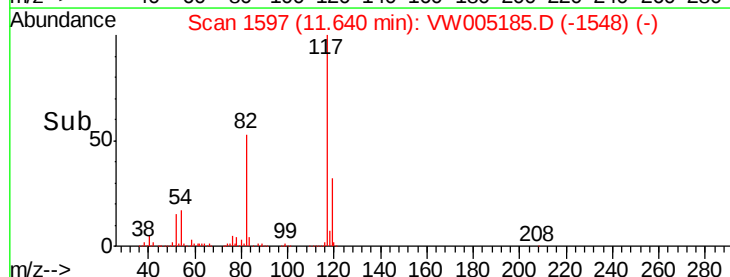
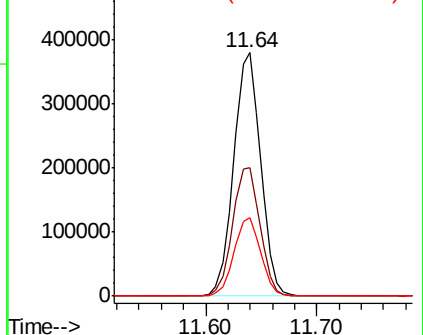
119 32.1 24.9 37.3

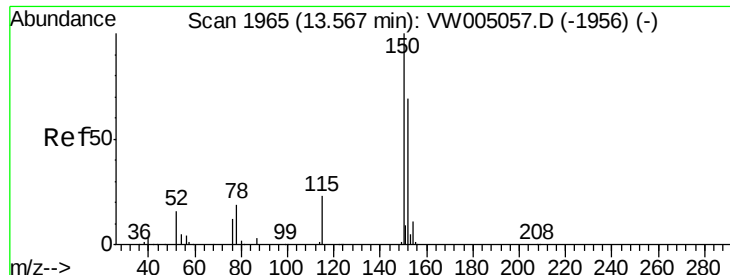


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005185.D

Acq: 07 Sep 2018 02:31

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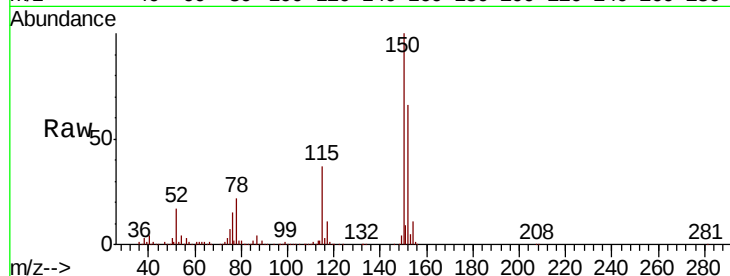
Tot Ion:152 Resp: 300326

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 155.4 0.0 351.4



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

