

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006499.D
 Acq On : 30 Oct 2018 14:09
 Operator : SY/AP
 Sample : J5691-09
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

Quant Time: Oct 30 15:46:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

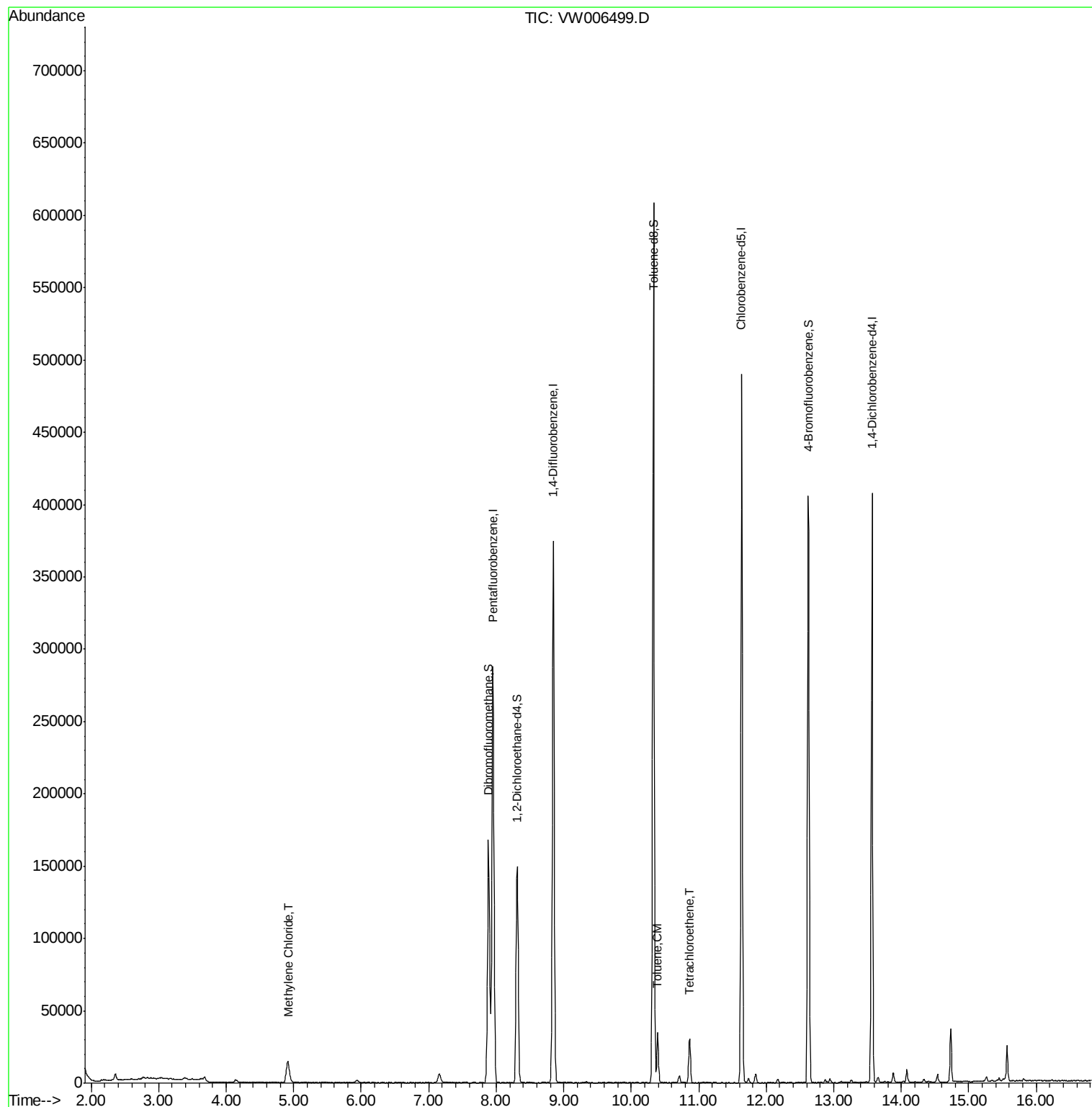
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	341074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117187	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.24%	
35) Dibromofluoromethane	7.88	113	117509	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
50) Toluene-d8	10.33	98	420206	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.62	95	123422	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
Target Compounds						
20) Methylene Chloride	4.92	84	12713	4.689	ug/l	98
52) Toluene	10.39	92	15127	2.616	ug/l	97
64) Tetrachloroethene	10.87	164	7511	3.352	ug/l	94

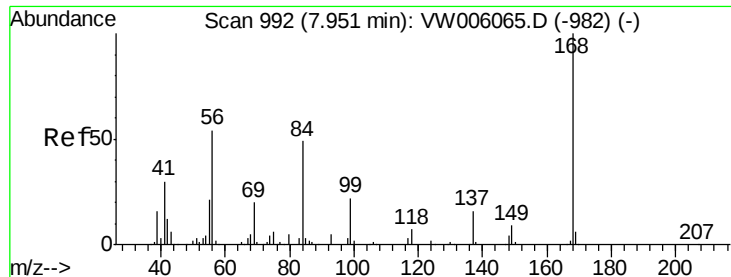
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 15:46:32 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006499.D

Acq: 30 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampled :

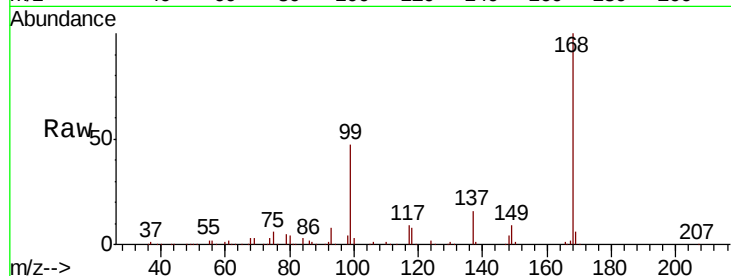
SB-5

Tot Ion:168 Resp: 235106

Ion Ratio Lower Upper

168 100

99 47.5 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

120000

100000

80000

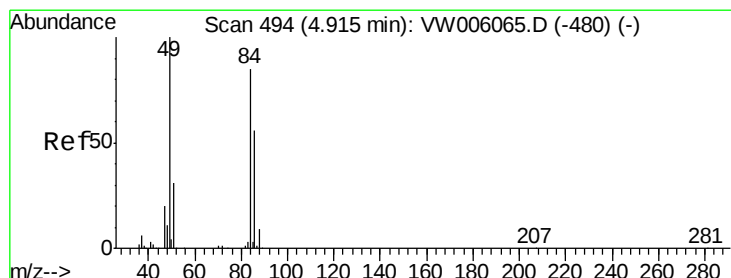
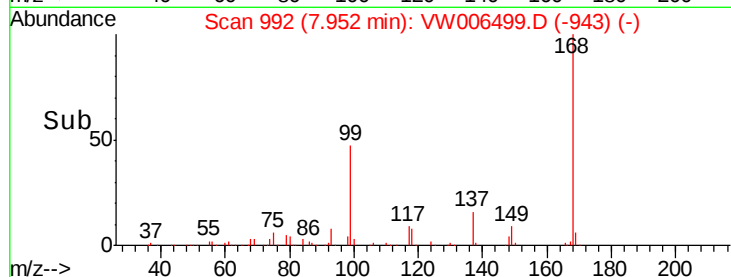
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.689 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006499.D

Acq: 30 Oct 2018 14:09

Tgt Ion: 84 Resp: 12713

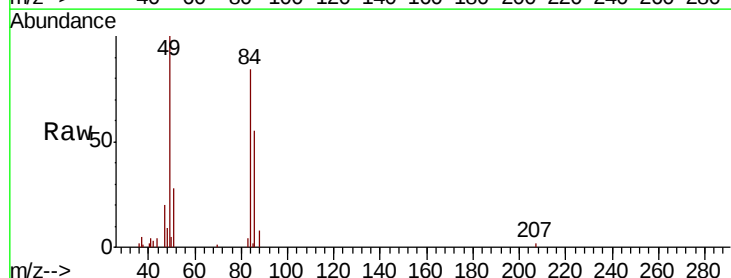
Ion Ratio Lower Upper

84 100

49 119.1 93.6 140.4

51 32.9 29.0 43.4

86 65.4 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

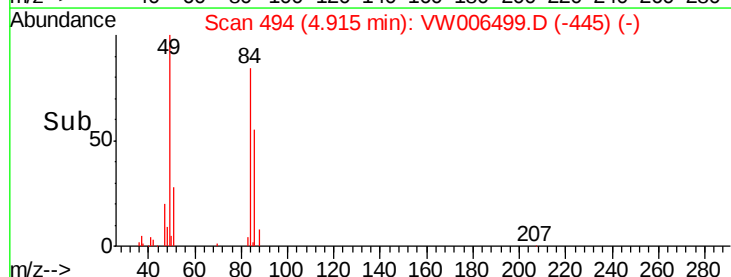
6000

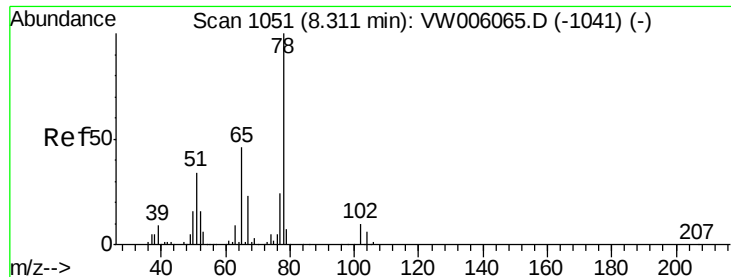
4000

2000

0

Time-->

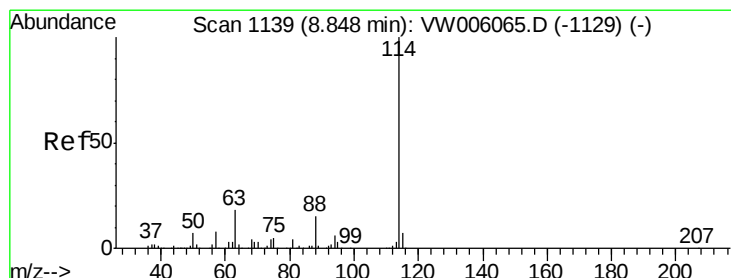
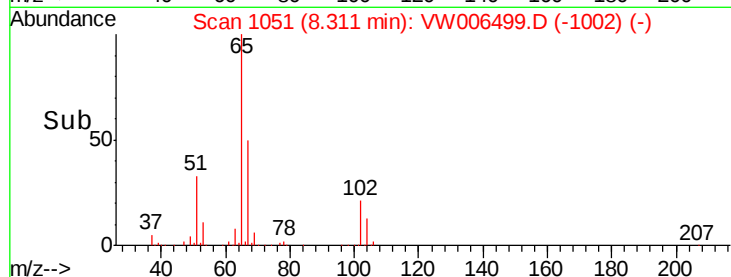
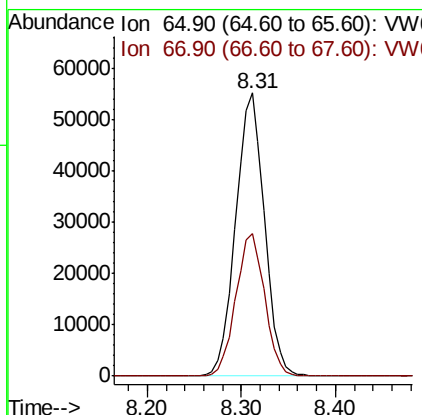
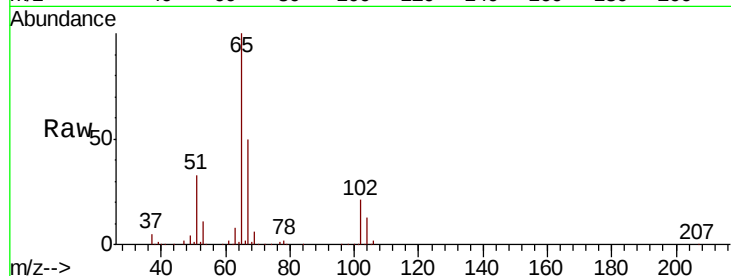




#33
 1,2-Dichloroethane-d4
 Concen: 60.122 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006499.D
 Acq: 30 Oct 2018 14:09

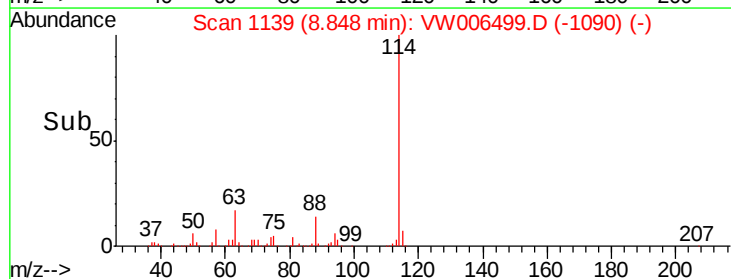
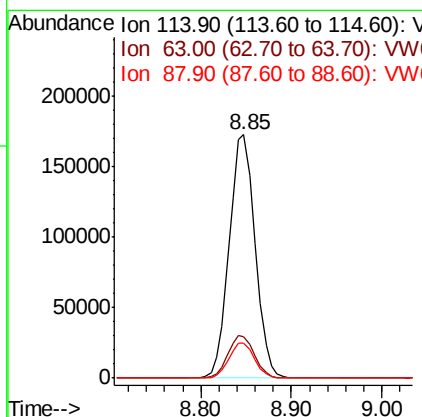
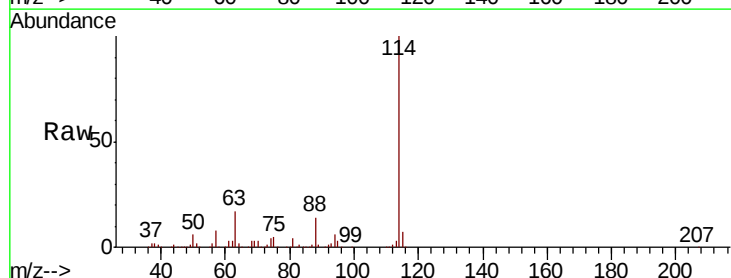
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

Tot Ion: 65 Resp: 117187
 Ion Ratio Lower Upper
 65 100
 67 50.5 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: VW006499.D
 Acq: 30 Oct 2018 14:09

Tgt Ion: 114 Resp: 341074
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.8
 88 14.4 0.0 29.0

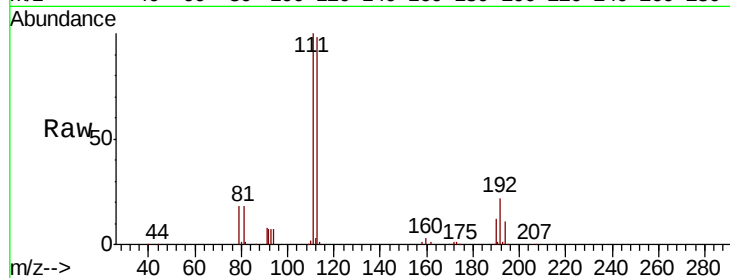




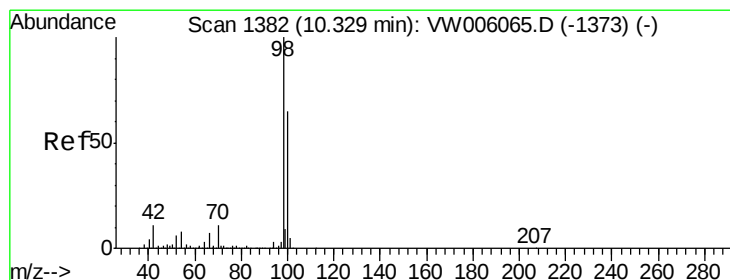
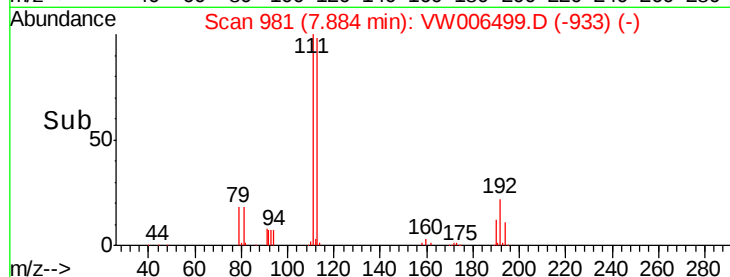
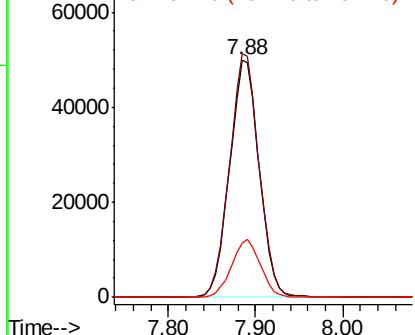
#35
Dibromofluoromethane
Concen: 58.306 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006499.D
Acq: 30 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
SB-5

Tot Ion:113 Resp: 117509
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 23.7 18.7 28.1

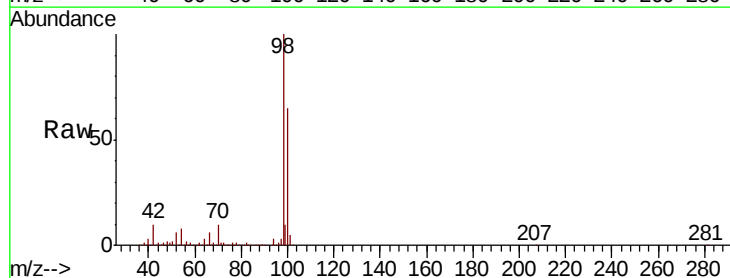


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

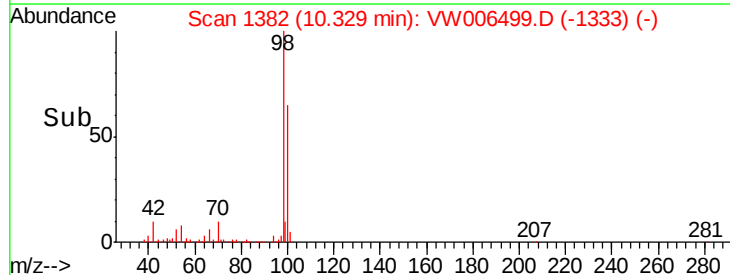
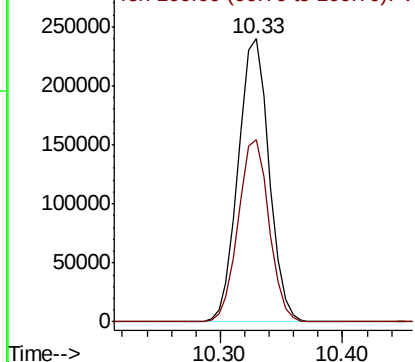


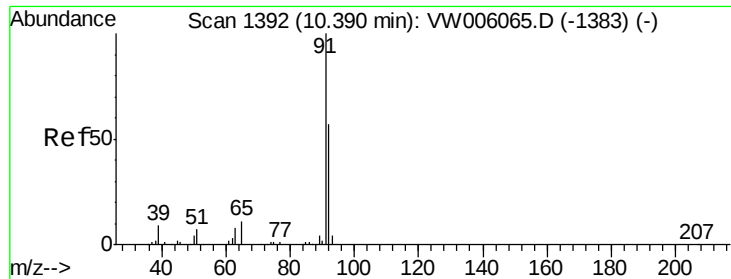
#50
Toluene-d8
Concen: 54.803 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006499.D
Acq: 30 Oct 2018 14:09

Tgt Ion: 98 Resp: 420206
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.616 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006499.D

Acq: 30 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

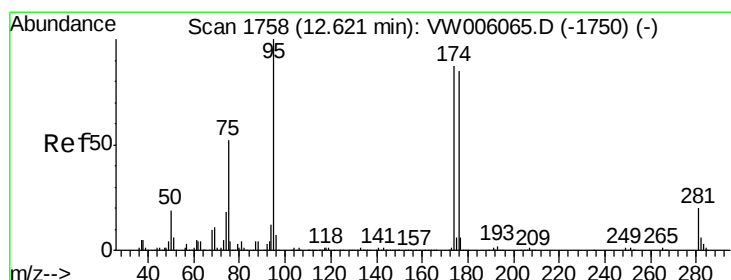
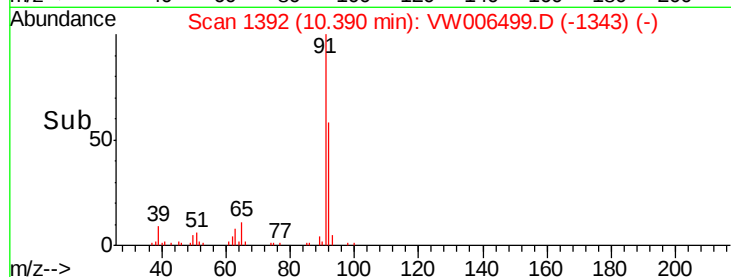
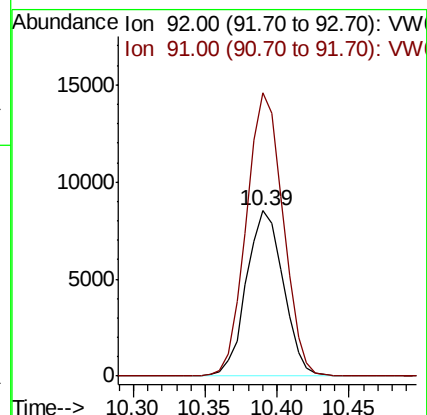
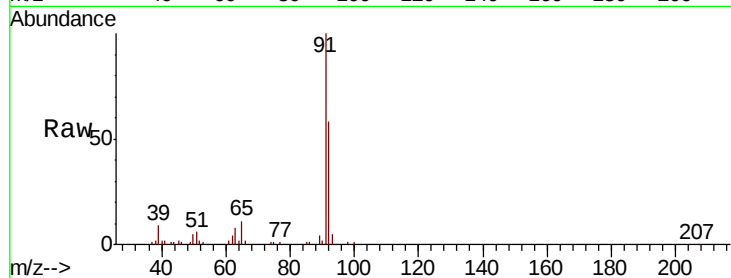
SB-5

Tot Ion: 92 Resp: 15127

Ion Ratio Lower Upper

92 100

91 170.2 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 42.857 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006499.D

Acq: 30 Oct 2018 14:09

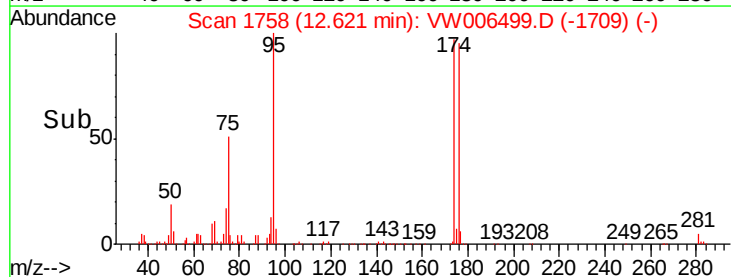
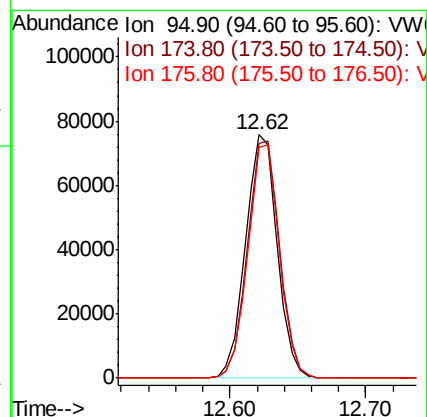
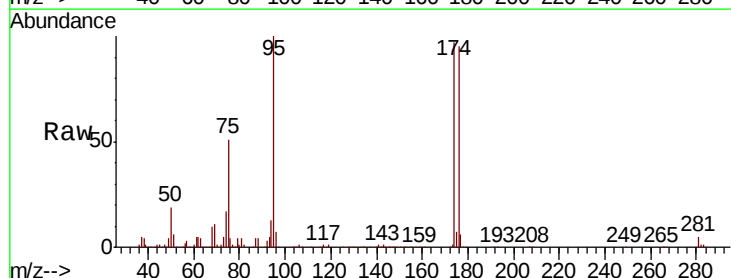
Tgt Ion: 95 Resp: 123422

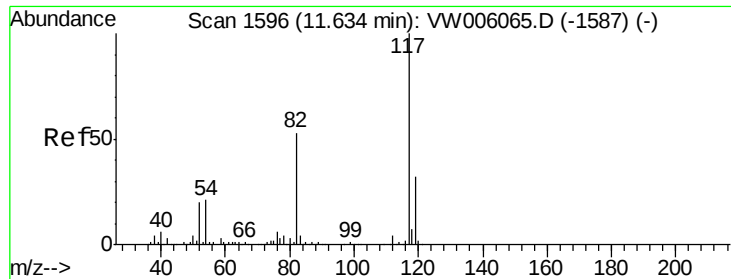
Ion Ratio Lower Upper

95 100

174 99.0 0.0 186.0

176 95.7 0.0 181.6

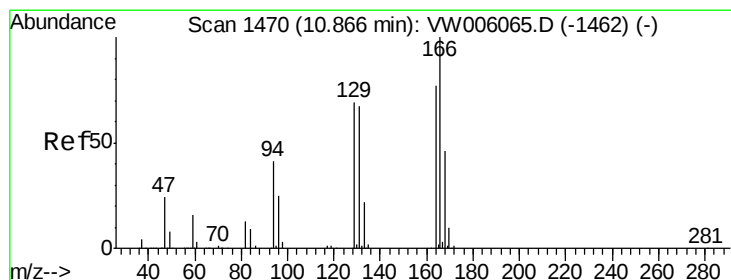
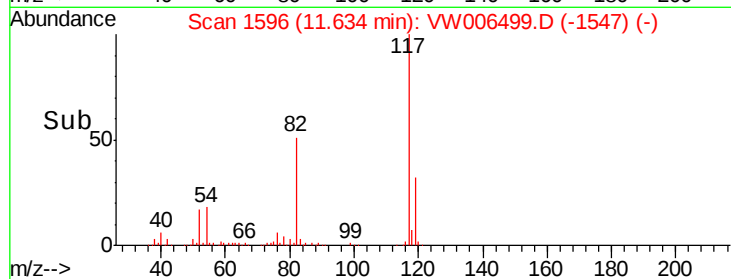
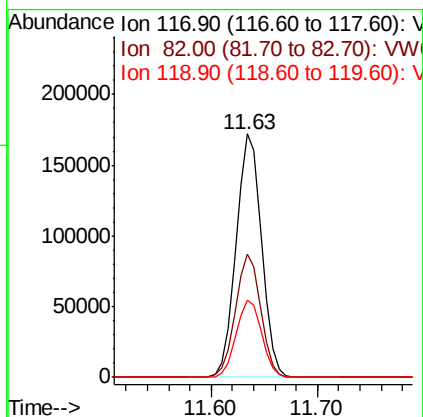
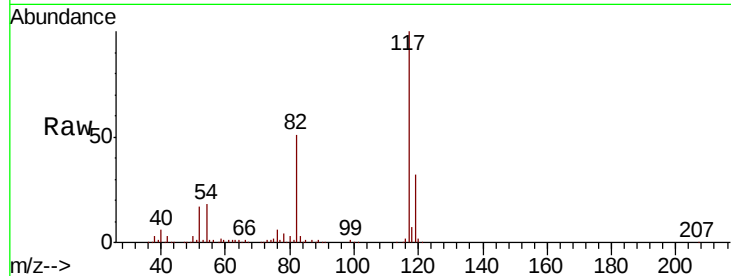




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006499.D
Acq: 30 Oct 2018 14:09

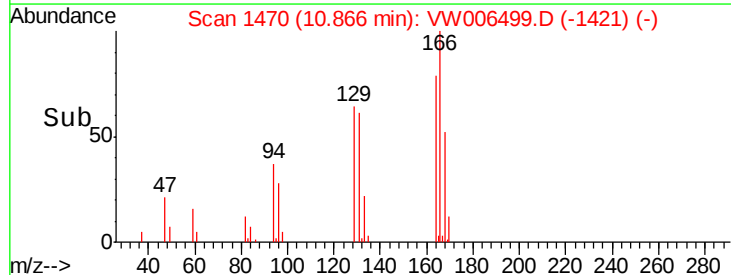
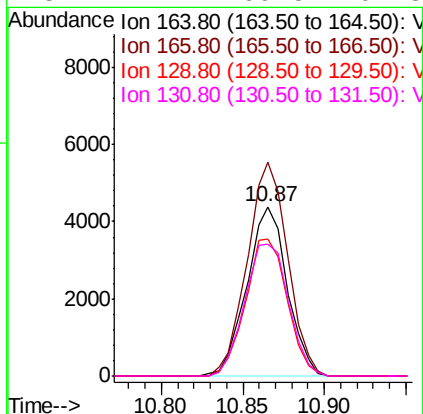
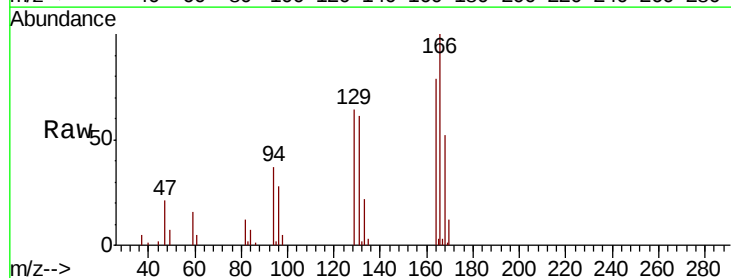
Instrument :
MSVOA_W
ClientSampleId :
SB-5

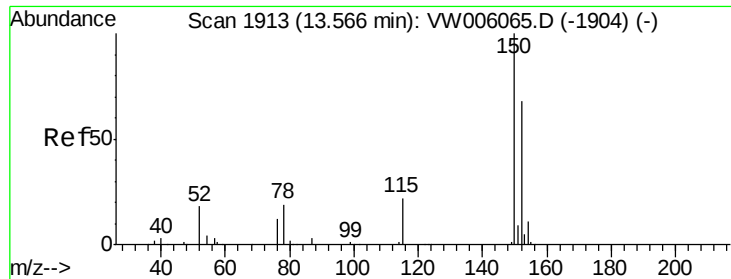
Tot Ion:117 Resp: 288631
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 3.352 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006499.D
Acq: 30 Oct 2018 14:09

Tgt Ion:164 Resp: 7511
Ion Ratio Lower Upper
164 100
166 126.4 103.4 155.0
129 81.4 71.8 107.8
131 77.7 69.5 104.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006499.D

Acq: 30 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

SB-5

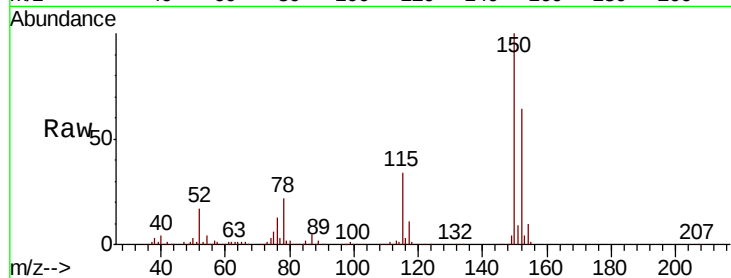
Tot Ion:152 Resp: 114831

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.3

150 157.1 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

