

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008245.D
 Acq On : 14 Jan 2019 14:24
 Operator : SY/VA
 Sample : K1122-11
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8I(16-16.5)

Quant Time: Jan 14 21:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

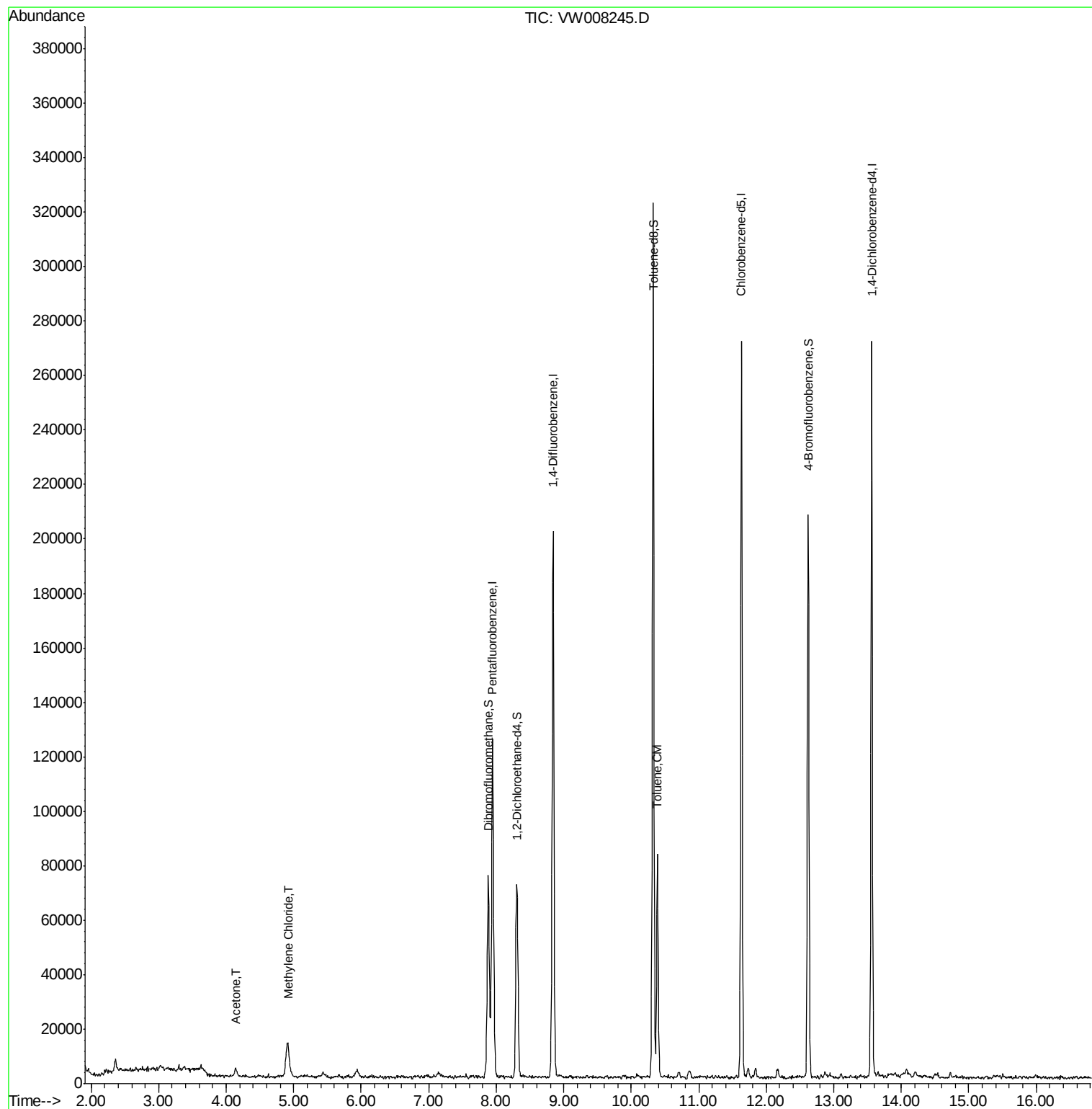
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53492	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	7.88	113	52947	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
50) Toluene-d8	10.32	98	205225	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	66497	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
16) Acetone	4.14	43	4424	4.208	ug/l #	79
20) Methylene Chloride	4.92	84	10255	6.387	ug/l	91
52) Toluene	10.39	92	33875	11.880	ug/l	96

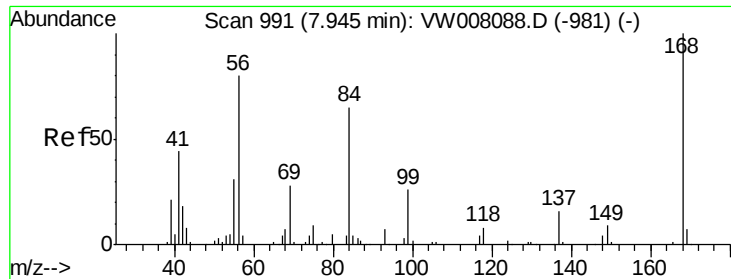
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

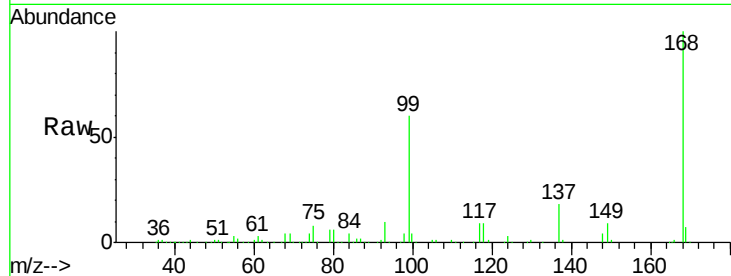
SB-8I(16-16.5)

Tot Ion:168 Resp: 87586

Ion Ratio Lower Upper

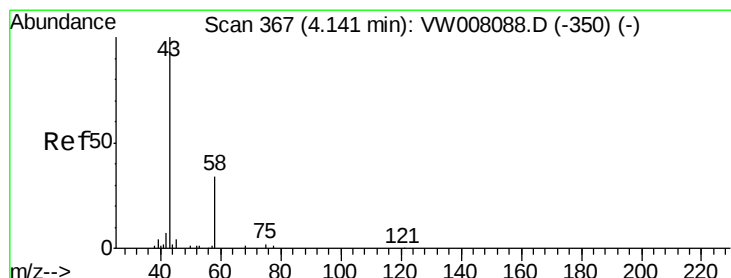
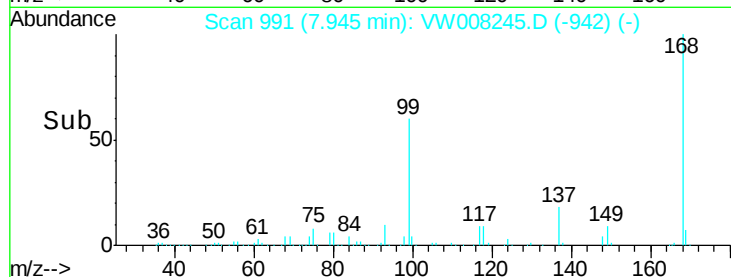
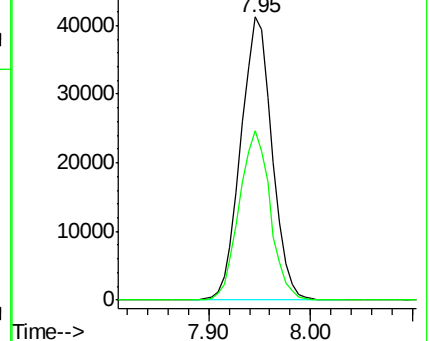
168 100

99 59.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.208 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008245.D

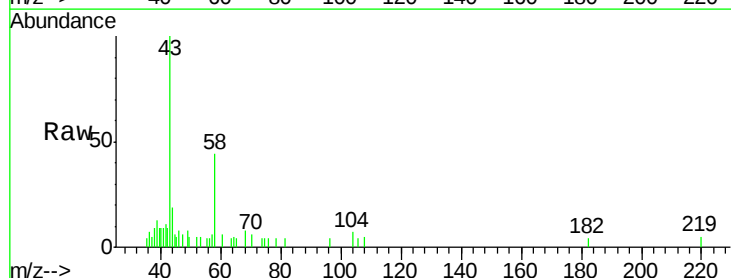
Acq: 14 Jan 2019 14:24

Tgt Ion: 43 Resp: 4424

Ion Ratio Lower Upper

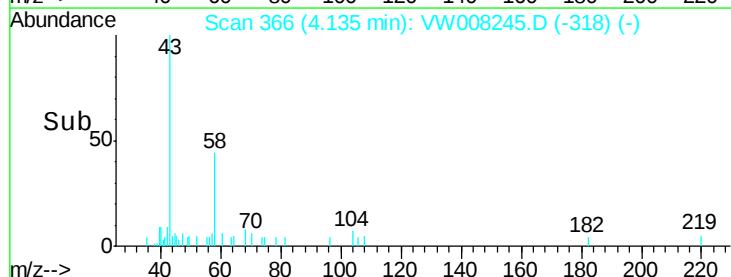
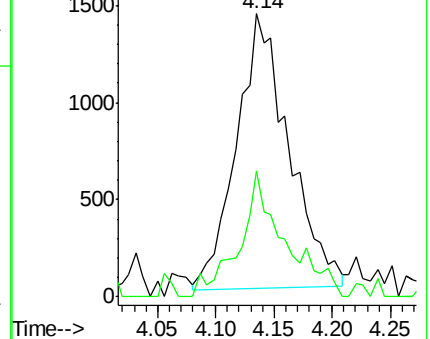
43 100

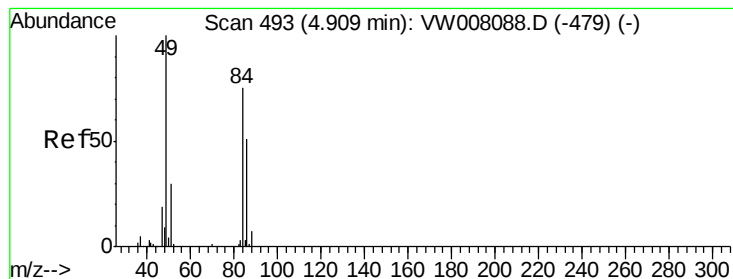
58 46.4 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 6.387 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

Tot Ion: 84 Resp: 10255

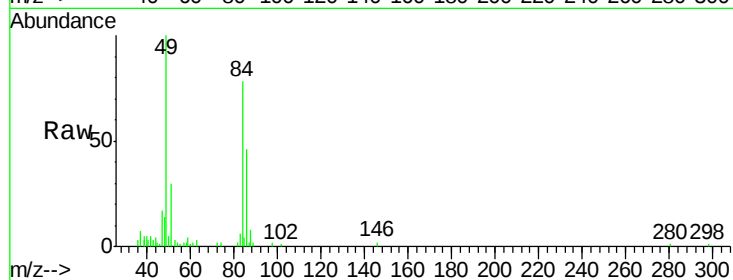
Ion Ratio Lower Upper

84 100

49 123.6 107.1 160.7

51 36.5 32.4 48.6

86 58.8 54.2 81.4

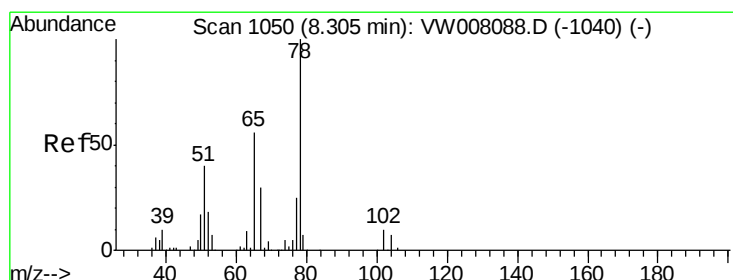
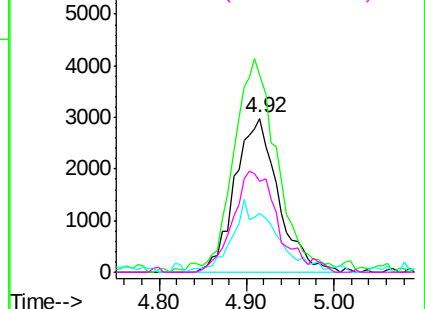
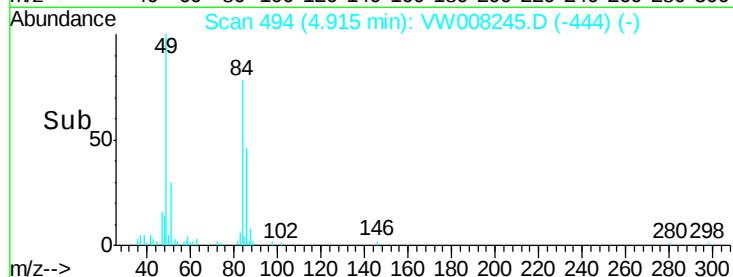


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 54.340 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008245.D

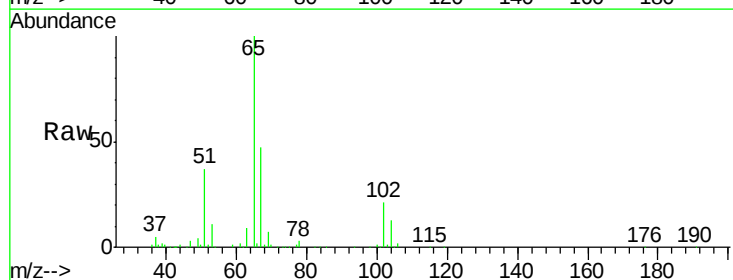
Acq: 14 Jan 2019 14:24

Tgt Ion: 65 Resp: 53492

Ion Ratio Lower Upper

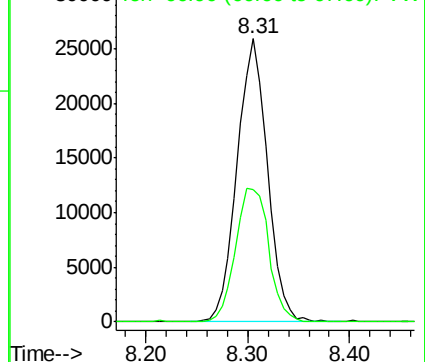
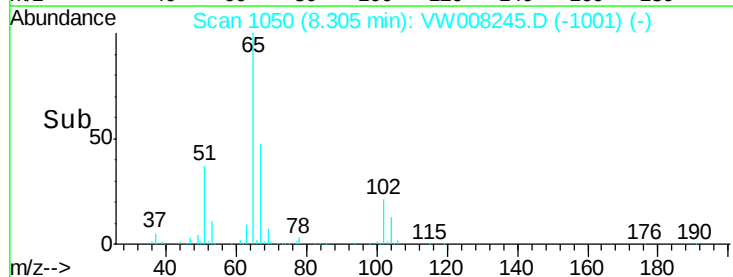
65 100

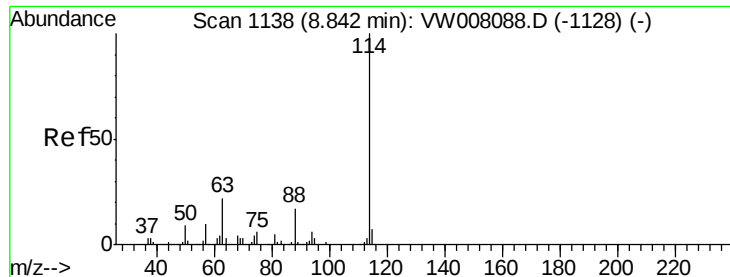
67 51.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

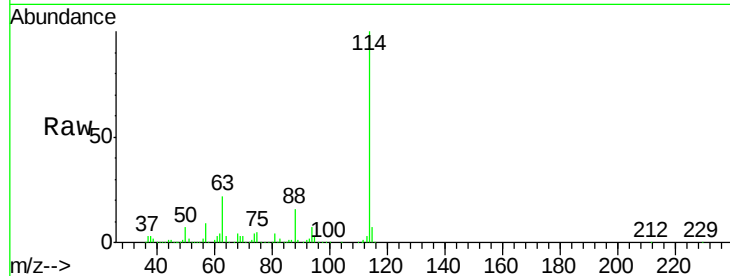




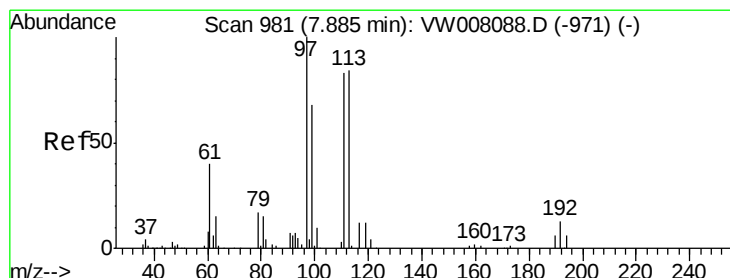
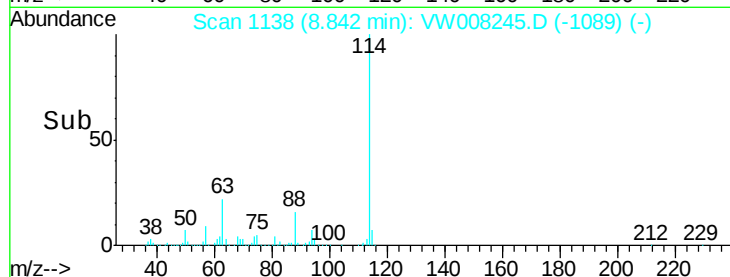
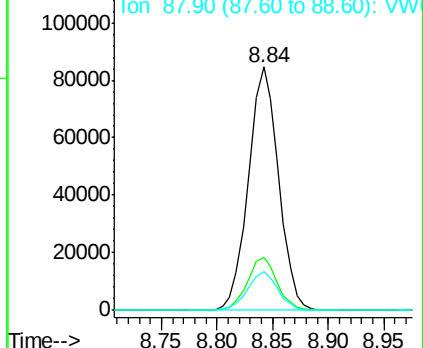
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008245.D
 Acq: 14 Jan 2019 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8I(16-16.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	16.0	0.0	33.4

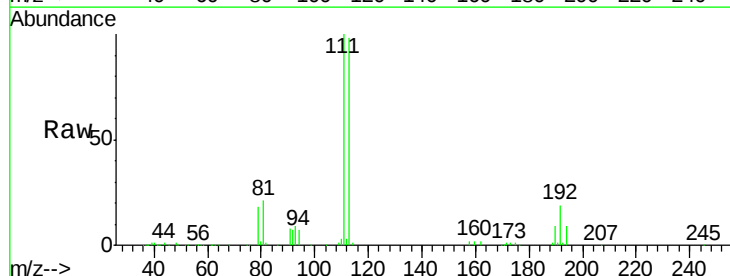


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

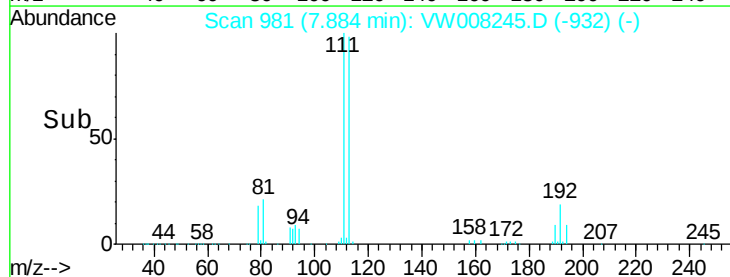
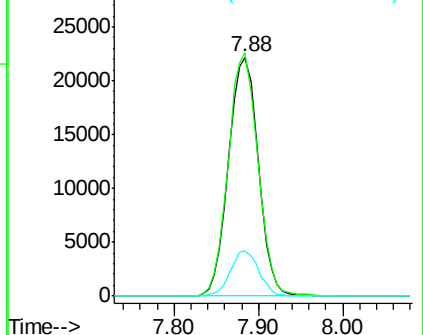


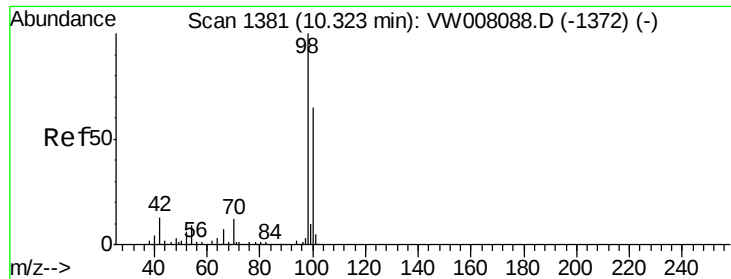
#35
 Dibromofluoromethane
 Concen: 56.807 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008245.D
 Acq: 14 Jan 2019 14:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	18.3	12.8	19.2



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: 52.471 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

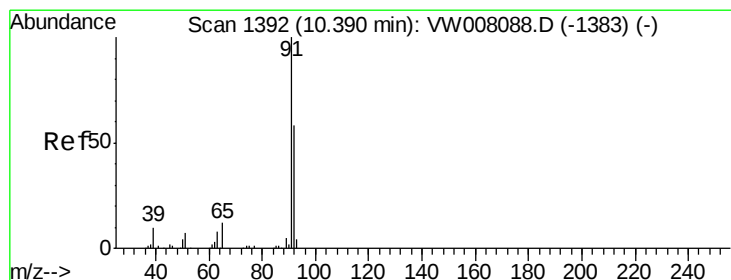
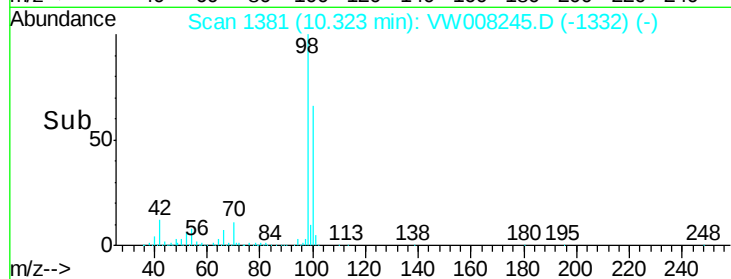
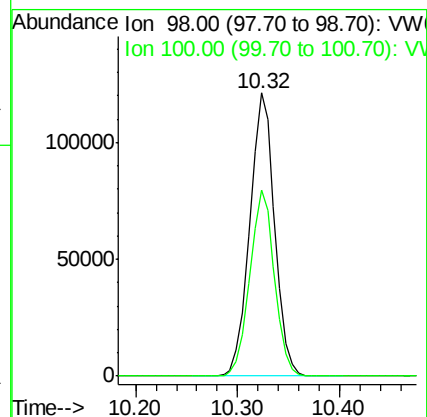
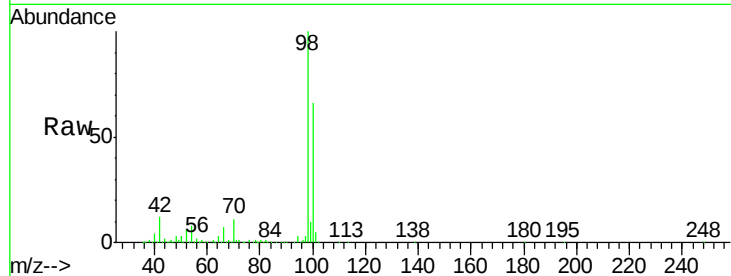
SB-8I(16-16.5)

Tot Ion: 98 Resp: 205225

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#52

Toluene

Concen: 11.880 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008245.D

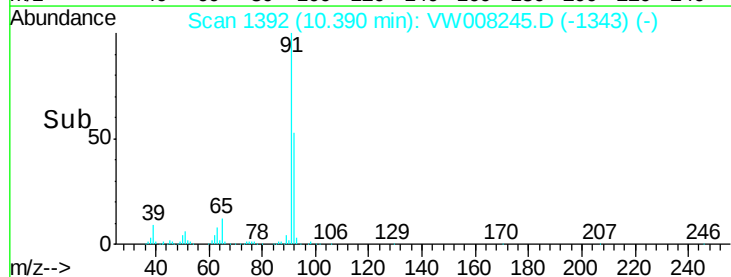
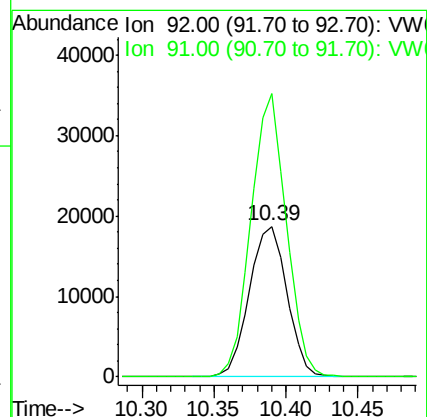
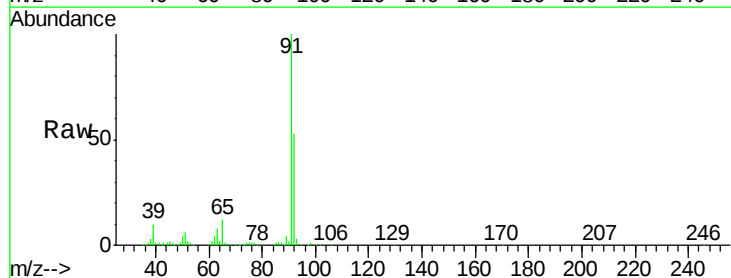
Acq: 14 Jan 2019 14:24

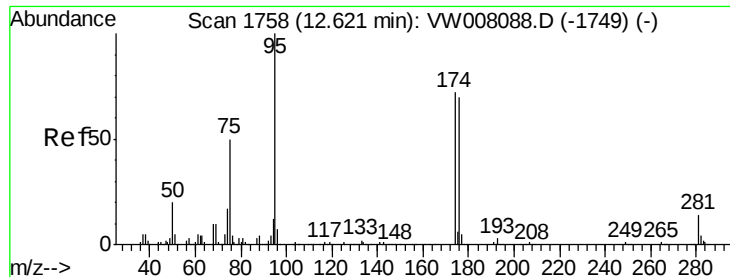
Tgt Ion: 92 Resp: 33875

Ion Ratio Lower Upper

92 100

91 176.4 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 47.425 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

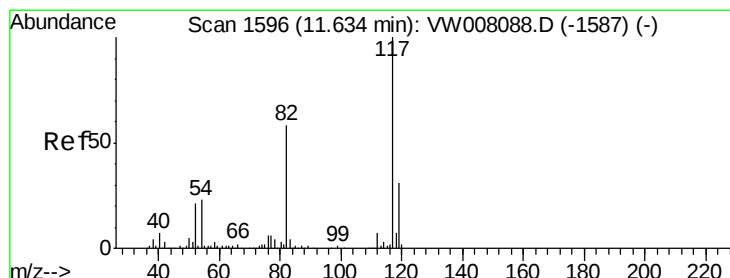
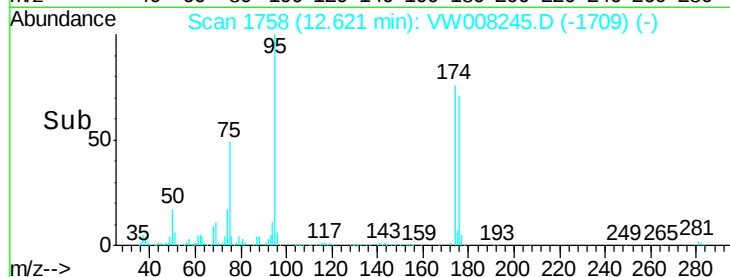
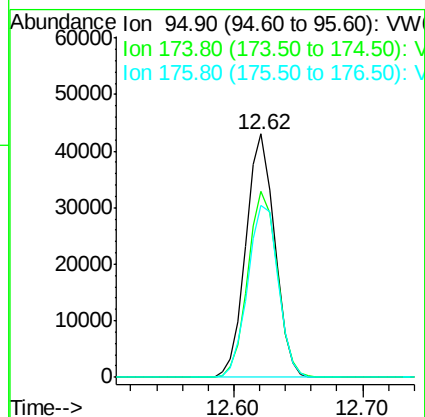
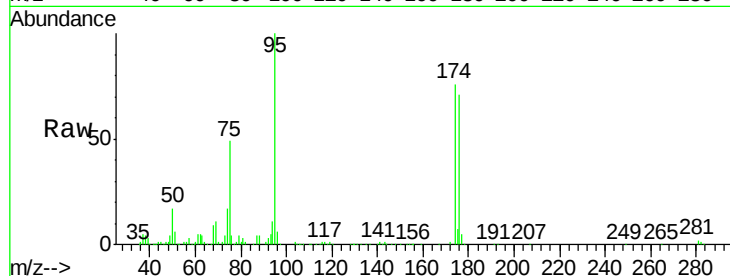
Tot Ion: 95 Resp: 66497

Ion Ratio Lower Upper

95 100

174 78.3 0.0 143.0

176 74.5 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

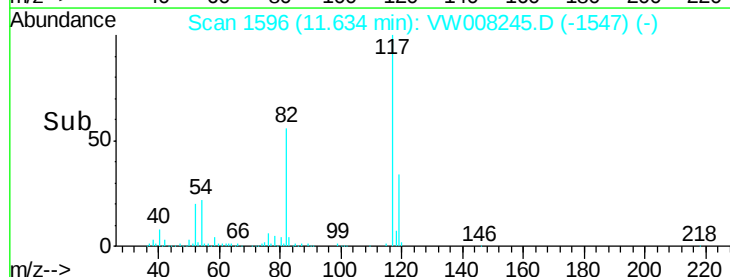
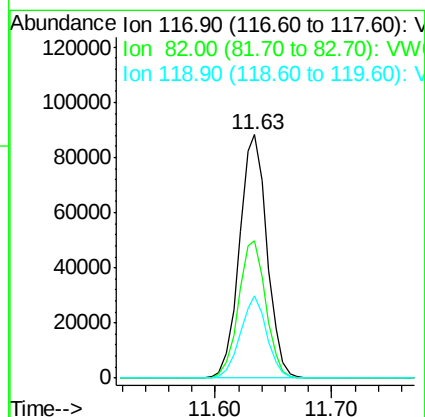
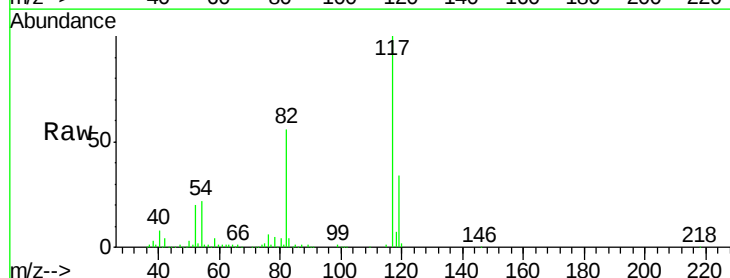
Tgt Ion: 117 Resp: 145115

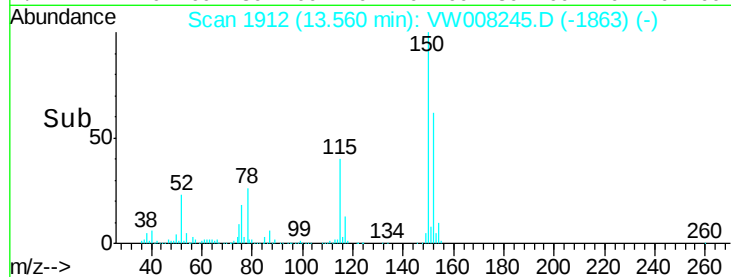
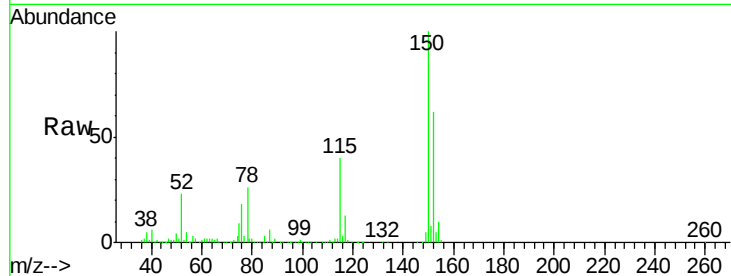
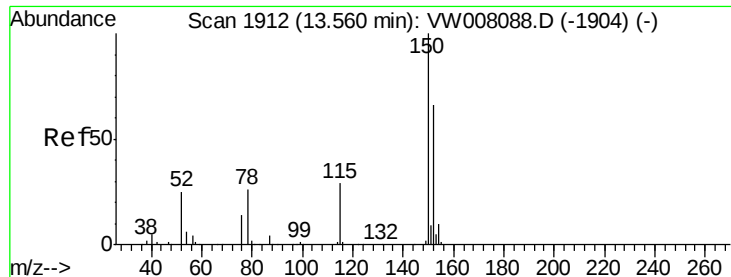
Ion Ratio Lower Upper

117 100

82 56.3 46.4 69.6

119 33.7 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008245.D

Acq: 14 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

Tot Ion:152 Resp: 67534

Ion Ratio Lower Upper

152 100

115 60.5 30.8 92.4

150 156.3 0.0 350.2

