

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008235.D
 Acq On : 12 Jan 2019 11:34
 Operator : SY/VA
 Sample : K1122-11
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Jan 14 11:06:48 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

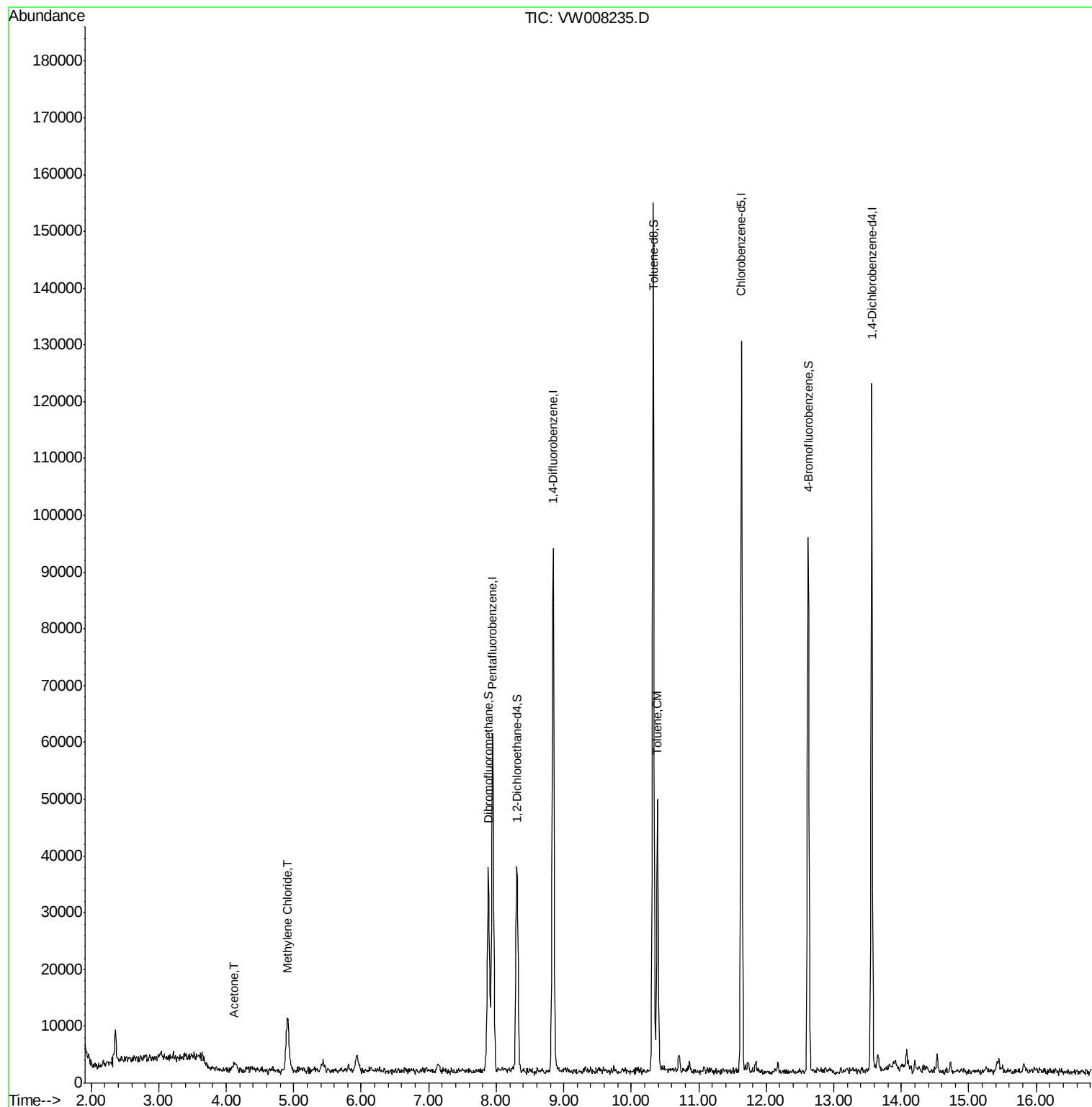
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	41636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	75776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26927	57.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.08%	
35) Dibromofluoromethane	7.88	113	25112	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
50) Toluene-d8	10.32	98	100273	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.62	95	30324	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
16) Acetone	4.12	43	3173	18.104	ug/l #	84
20) Methylene Chloride	4.90	84	6666	10.688	ug/l	90
52) Toluene	10.39	92	20337	15.041	ug/l	98

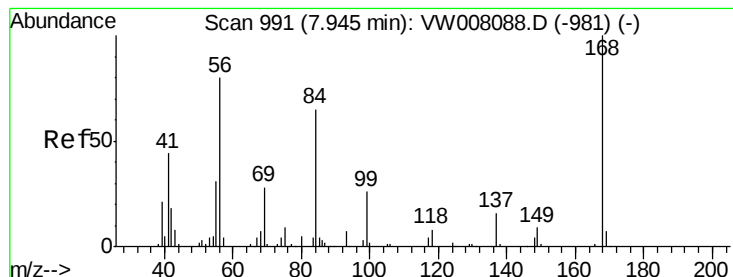
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008235.D

Acq: 12 Jan 2019 11:34

Instrument :

MSVOA_W

ClientSampleId :

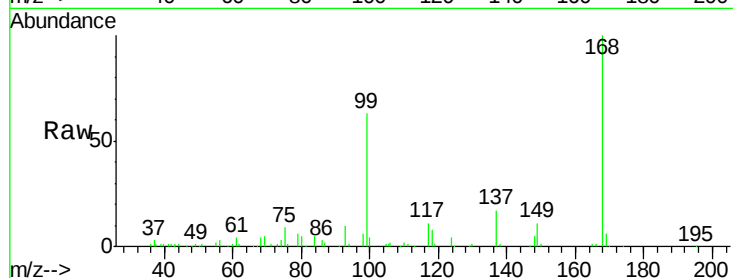
SB-8I(16-16.5)

Tot Ion:168 Resp: 41636

Ion Ratio Lower Upper

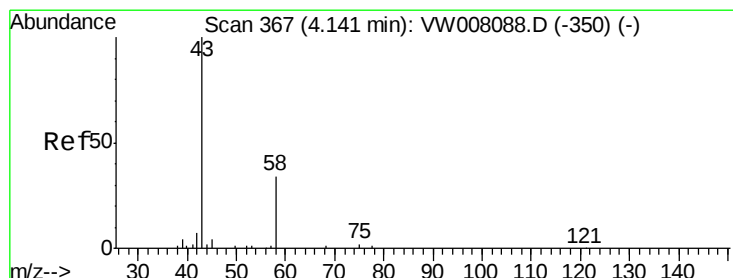
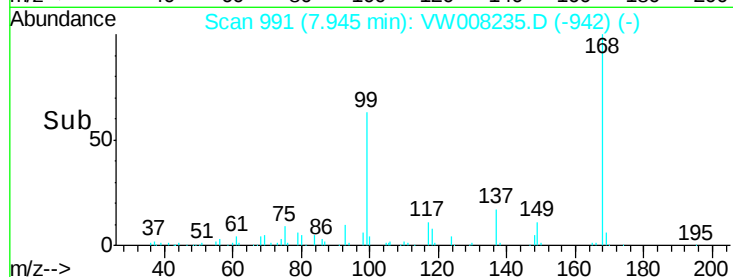
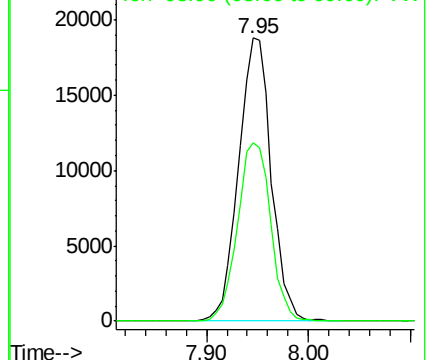
168 100

99 63.1 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: 18.104 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008235.D

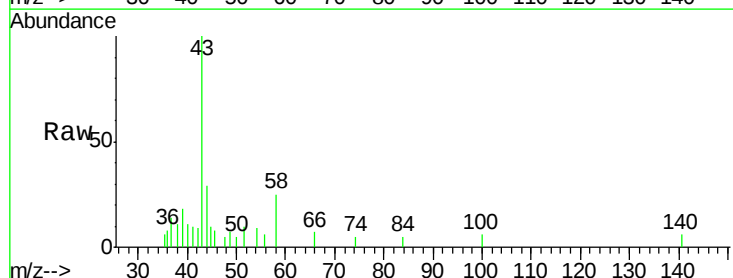
Acq: 12 Jan 2019 11:34

Tgt Ion: 43 Resp: 3173

Ion Ratio Lower Upper

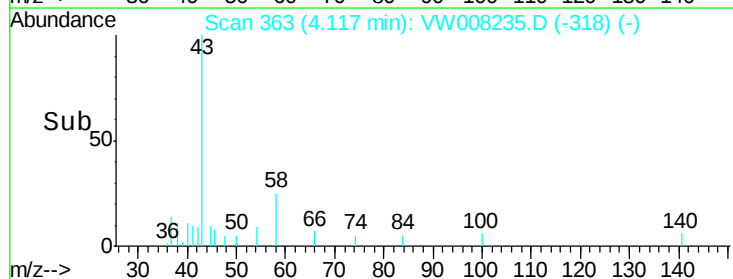
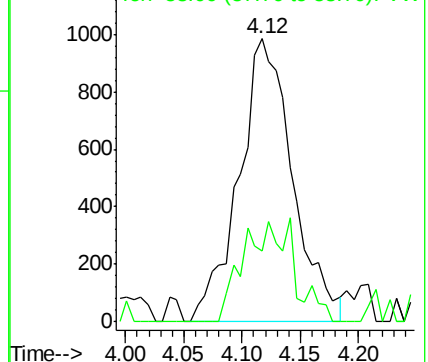
43 100

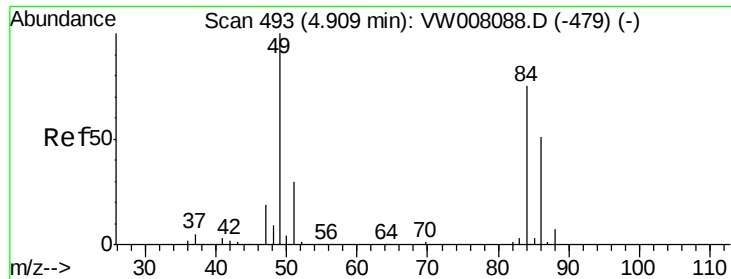
58 25.0 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

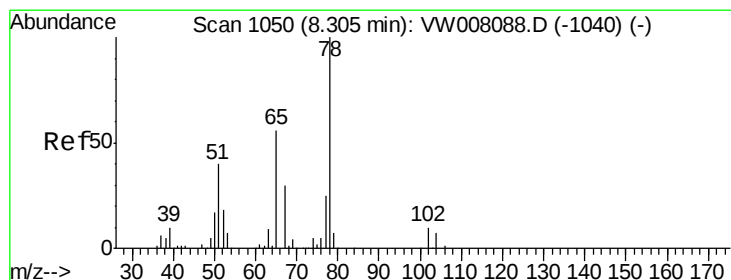
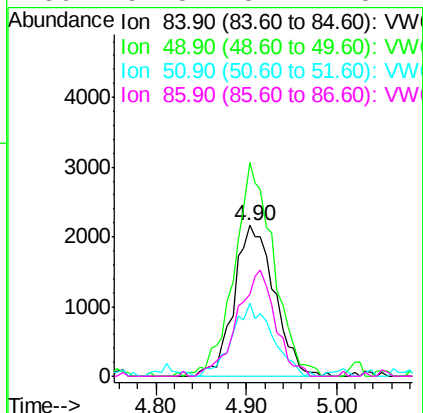
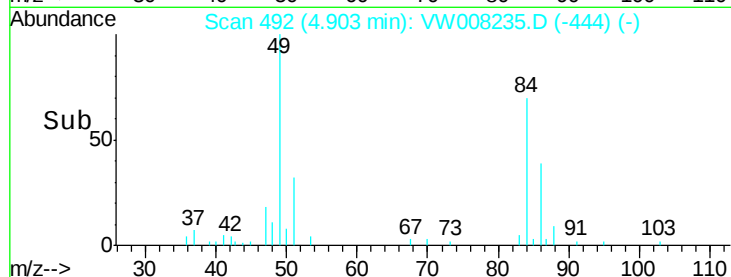
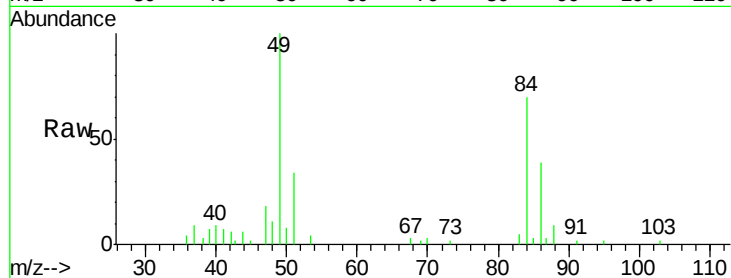




#20
Methylene Chloride
Concen: 10.688 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008235.D
Acq: 12 Jan 2019 11:34

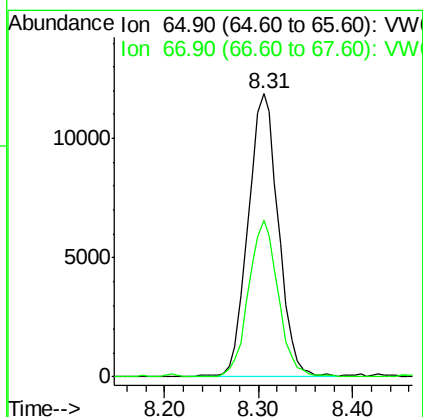
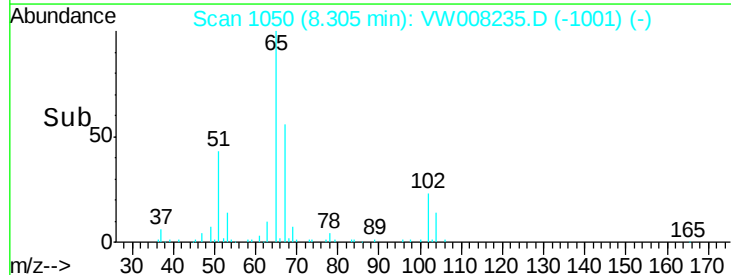
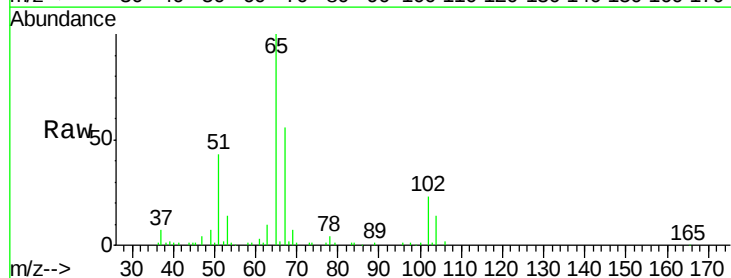
Instrument :
MSVOA_W
ClientSampleId :
SB-8I(16-16.5)

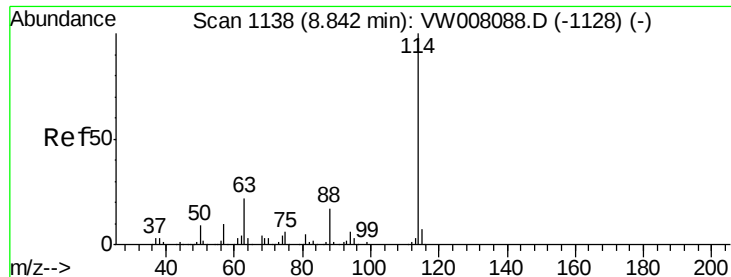
Tot Ion: 84 Resp: 6666
Ion Ratio Lower Upper
84 100
49 141.9 107.1 160.7
51 46.1 32.4 48.6
86 54.8 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 57.542 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008235.D
Acq: 12 Jan 2019 11:34

Tgt Ion: 65 Resp: 26927
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008235.D

Acq: 12 Jan 2019 11:34

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

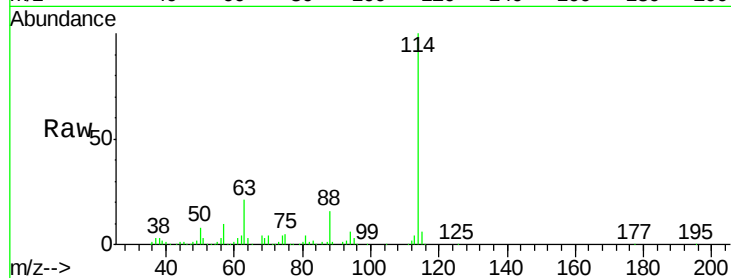
Tot Ion:114 Resp: 75776

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.4

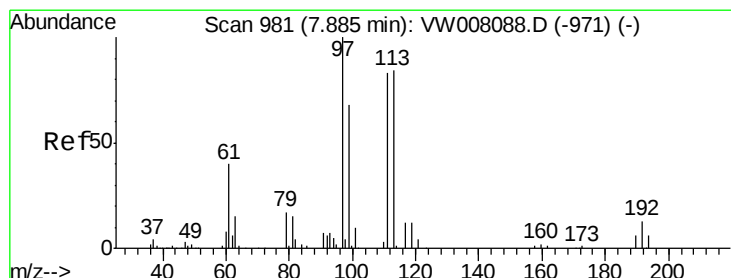
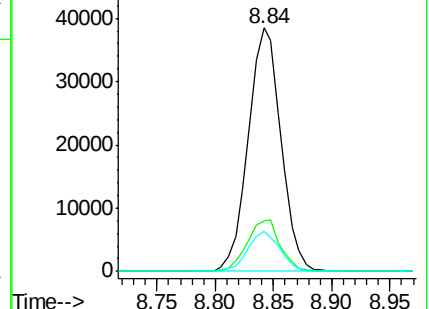
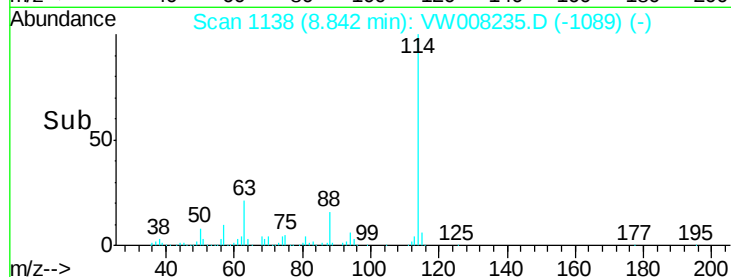
88 16.5 0.0 33.4



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: 56.820 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008235.D

Acq: 12 Jan 2019 11:34

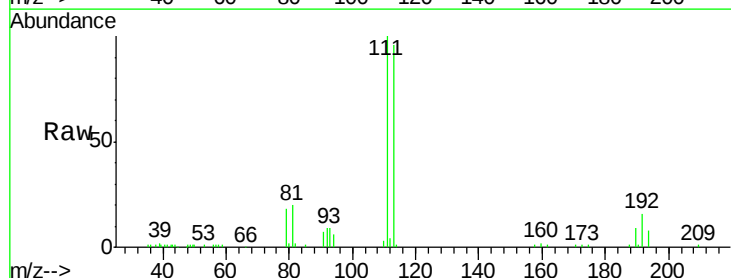
Tgt Ion:113 Resp: 25112

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

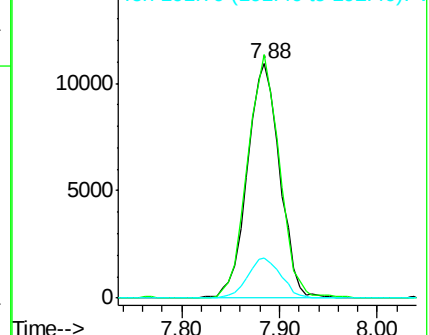
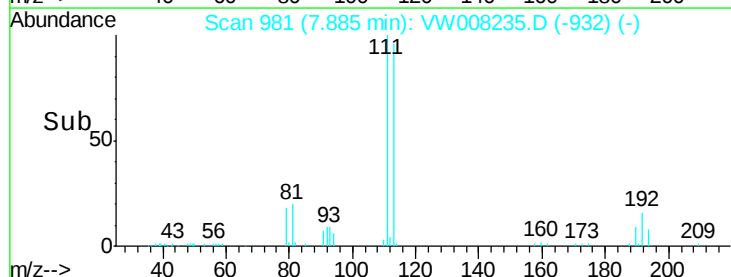
192 17.7 12.8 19.2

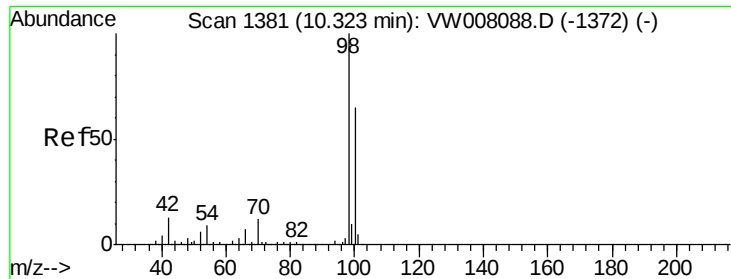


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

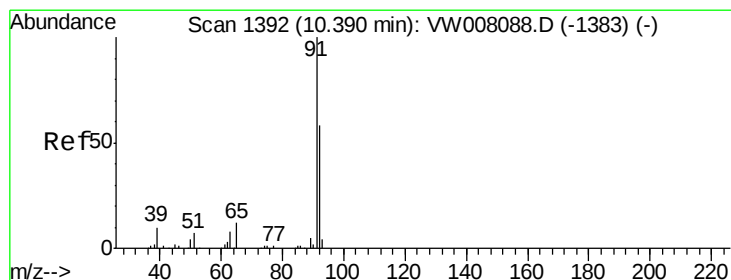
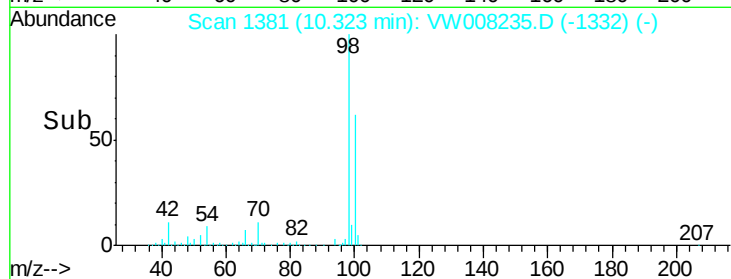
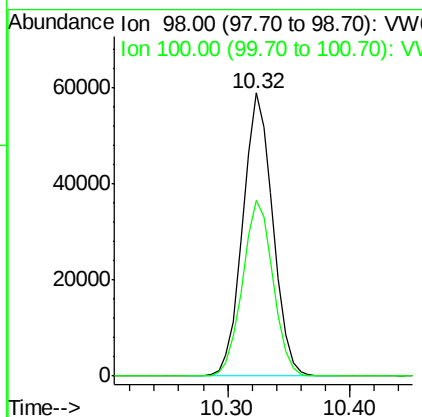
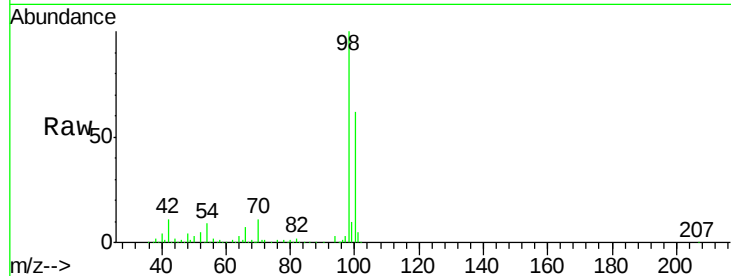




#50
Toluene-d8
Concen: 54.067 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008235.D
Acq: 12 Jan 2019 11:34

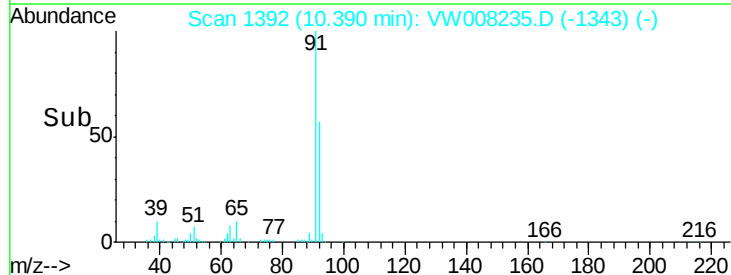
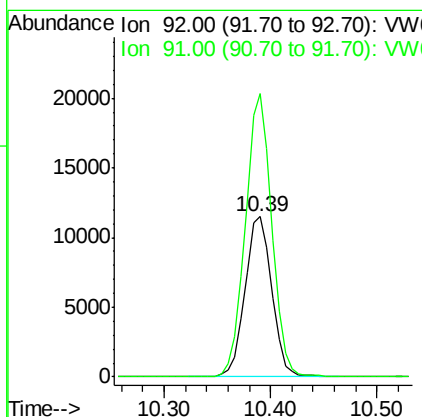
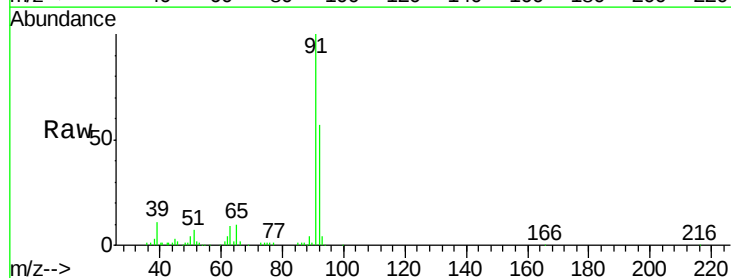
Instrument :
MSVOA_W
ClientSampleId :
SB-8I(16-16.5)

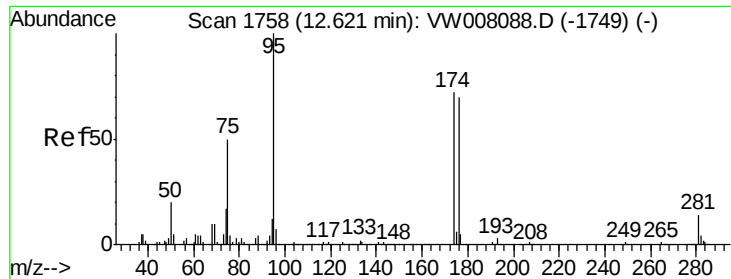
Tot Ion: 98 Resp: 100273
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#52
Toluene
Concen: 15.041 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008235.D
Acq: 12 Jan 2019 11:34

Tgt Ion: 92 Resp: 20337
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 45.609 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008235.D

Acq: 12 Jan 2019 11:34

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

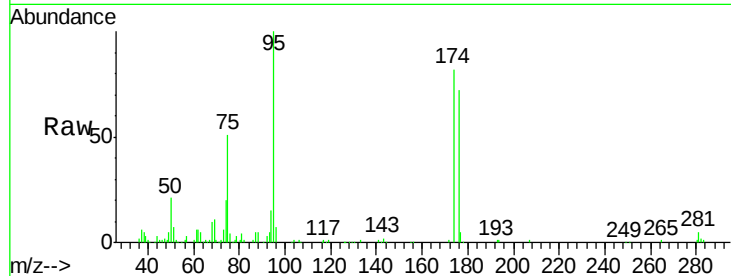
Tot Ion: 95 Resp: 30324

Ion Ratio Lower Upper

95 100

174 77.6 0.0 143.0

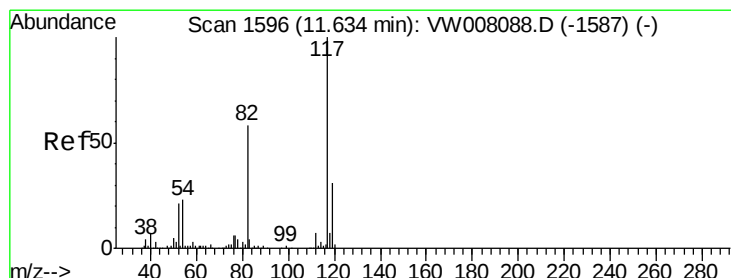
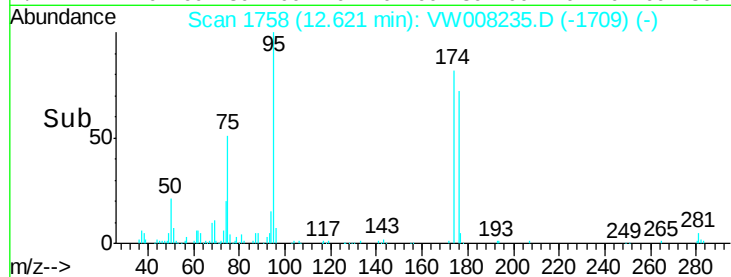
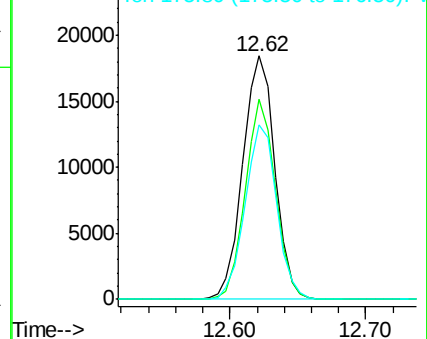
176 70.9 0.0 140.2



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: VW008235.D

Acq: 12 Jan 2019 11:34

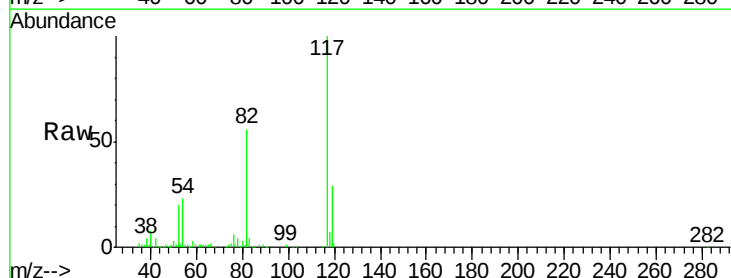
Tgt Ion: 117 Resp: 70162

Ion Ratio Lower Upper

117 100

82 56.2 46.4 69.6

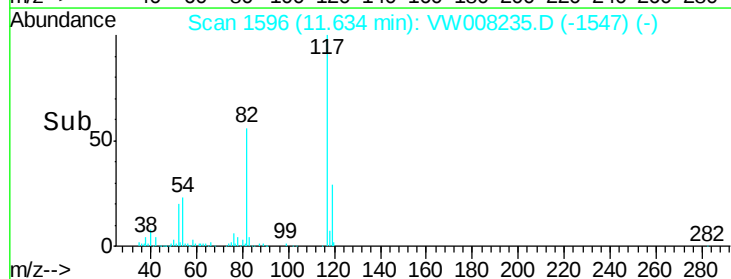
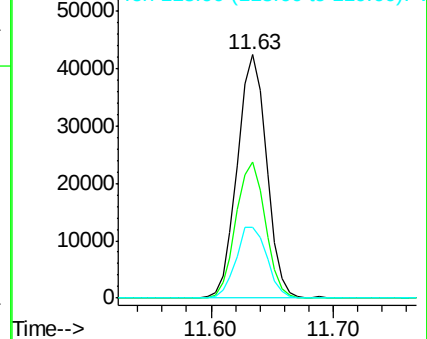
119 29.0 24.7 37.1

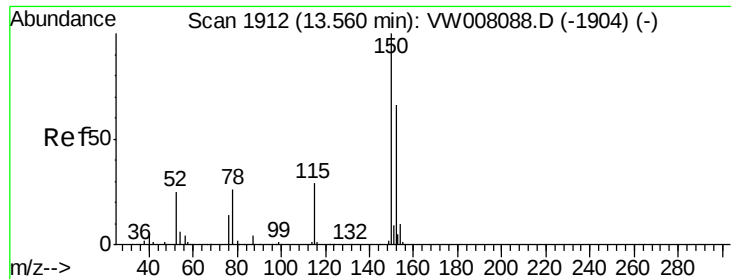


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008235.D

Acq: 12 Jan 2019 11:34

Instrument :

MSVOA_W

ClientSampleId :

SB-8I(16-16.5)

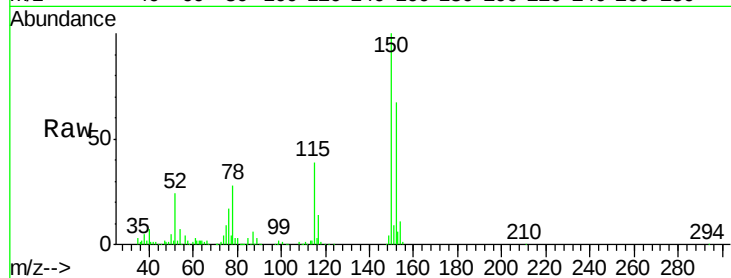
Tot Ion:152 Resp: 28574

Ion Ratio Lower Upper

152 100

115 59.7 30.8 92.4

150 157.0 0.0 350.2



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

