

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008233.D
 Acq On : 12 Jan 2019 10:41
 Operator : SY/VA
 Sample : K1122-08
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6I(9-9.5)

Quant Time: Jan 14 11:02:02 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

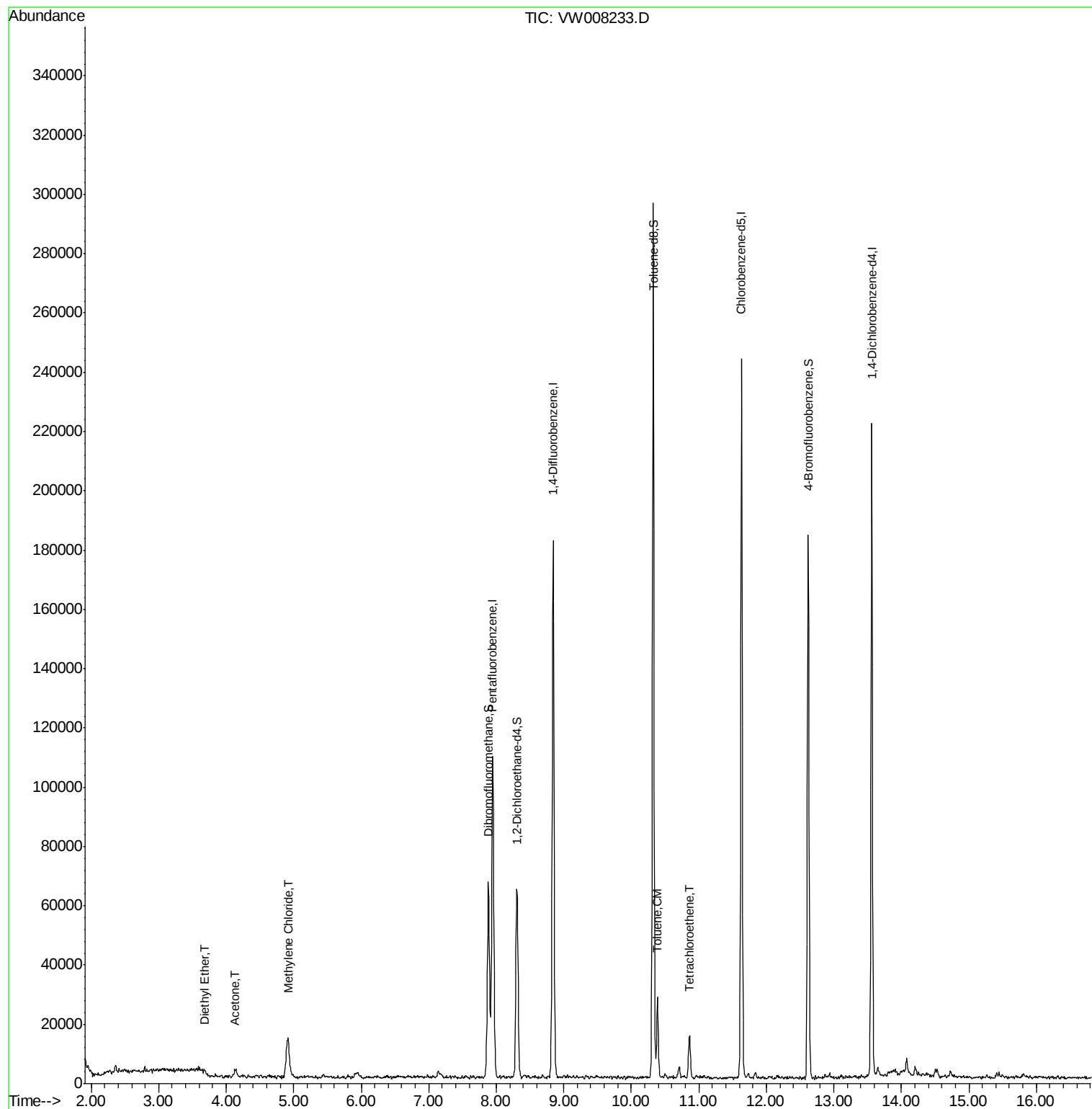
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49059	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
35) Dibromofluoromethane	7.88	113	46371	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	186864	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.62	95	58697	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
8) Diethyl Ether	3.68	74	1222	2.449	ug/l	97
16) Acetone	4.14	43	5366	13.824	ug/l	95
20) Methylene Chloride	4.92	84	10236	7.706	ug/l #	91
52) Toluene	10.39	92	10858	4.135	ug/l	96
64) Tetrachloroethene	10.87	164	3342	3.875	ug/l #	84

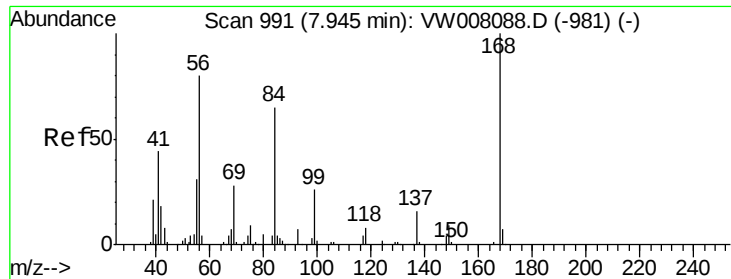
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW008233.D

Acq: 12 Jan 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

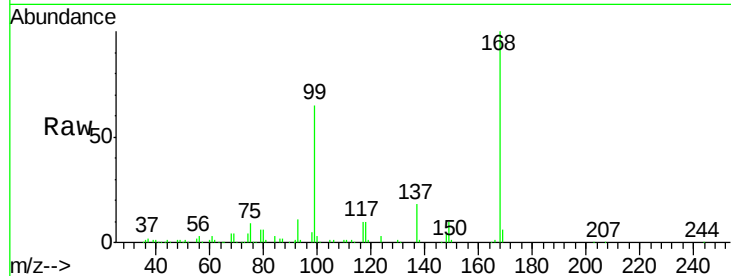
SB-6I(9-9.5)

Tot Ion:168 Resp: 78573

Ion Ratio Lower Upper

168 100

99 65.4 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

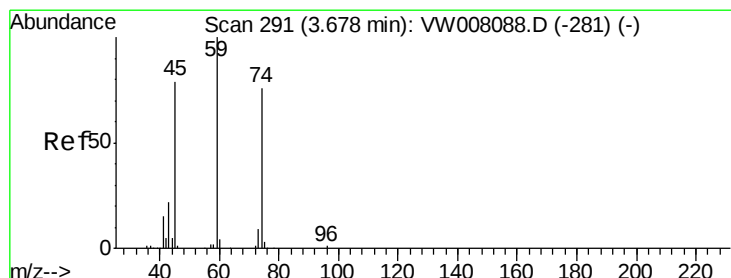
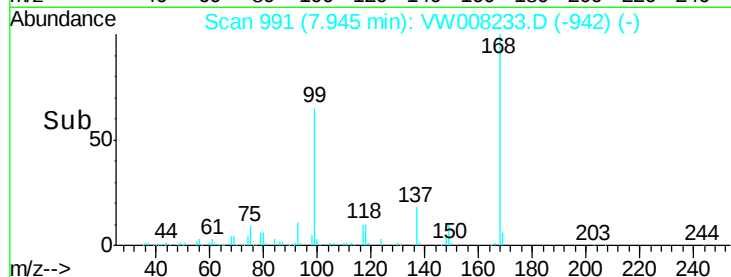
20000

10000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 2.449 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008233.D

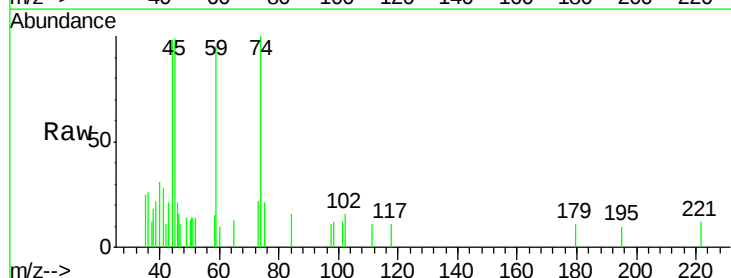
Acq: 12 Jan 2019 10:41

Tgt Ion: 74 Resp: 1222

Ion Ratio Lower Upper

74 100

45 101.8 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

500

400

300

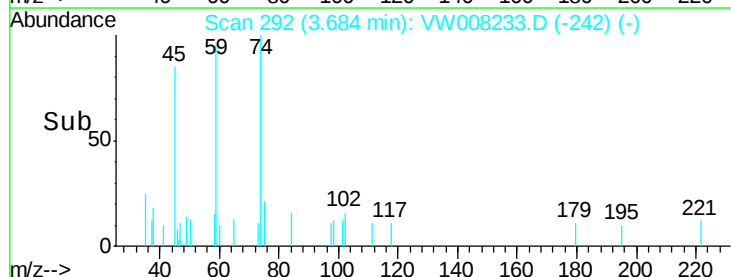
200

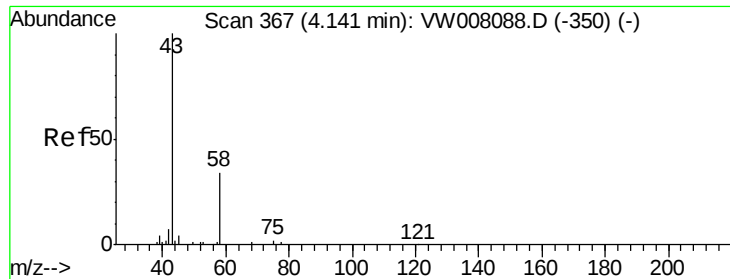
100

0

3.60 3.65 3.70 3.75

Time-->

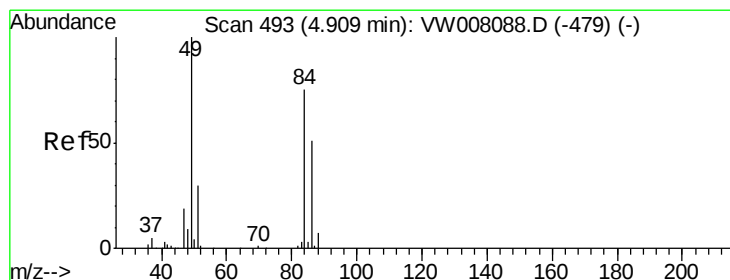
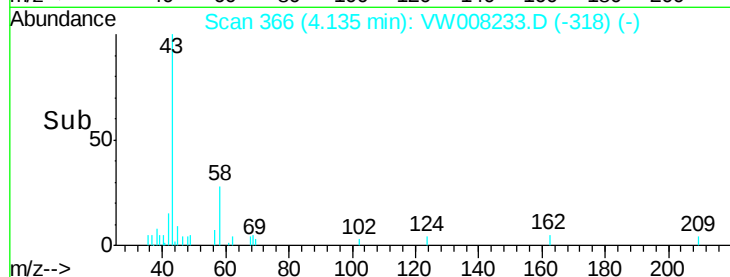
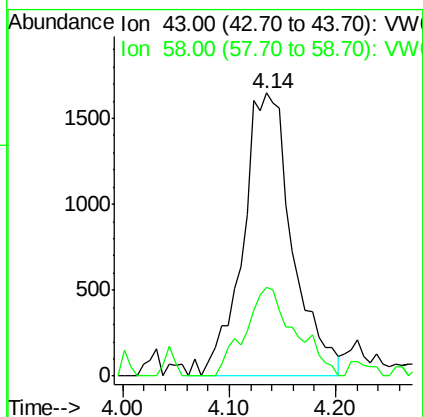
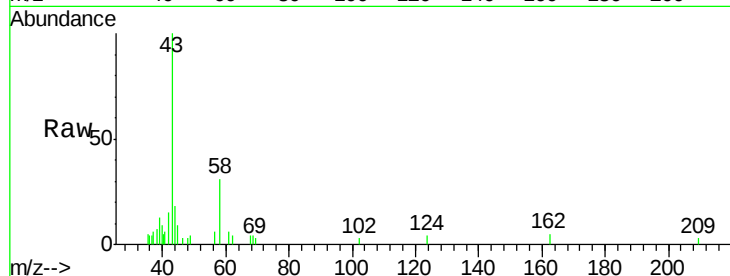




#16
Acetone
Concen: 13.824 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008233.D
Acq: 12 Jan 2019 10:41

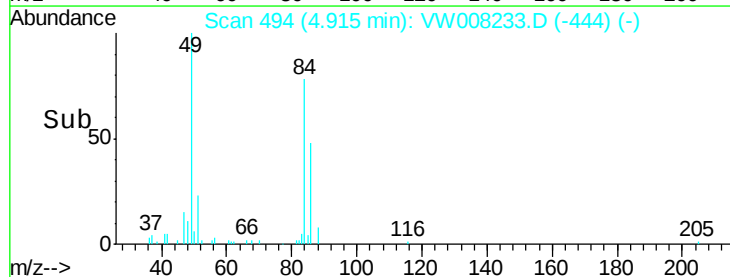
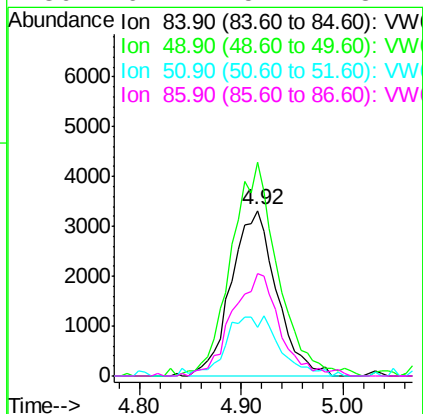
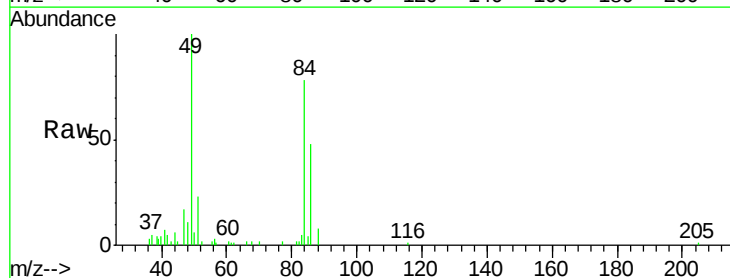
Instrument :
MSVOA_W
ClientSampleId :
SB-6I(9-9.5)

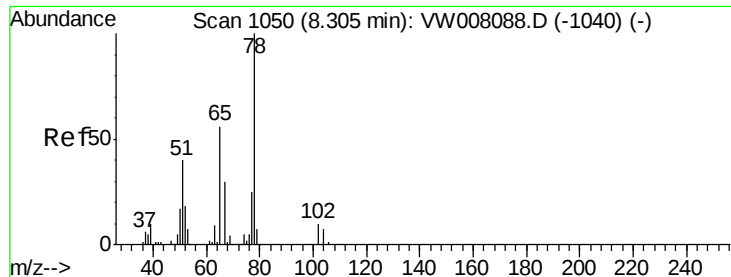
Tot Ion: 43 Resp: 5366
Ion Ratio Lower Upper
43 100
58 31.3 27.5 41.3



#20
Methylene Chloride
Concen: 7.706 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008233.D
Acq: 12 Jan 2019 10:41

Tgt Ion: 84 Resp: 10236
Ion Ratio Lower Upper
84 100
49 126.1 107.1 160.7
51 27.7 32.4 48.6#
86 61.7 54.2 81.4





#33

1,2-Dichloroethane-d4

Concen: 55.554 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008233.D

Acq: 12 Jan 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

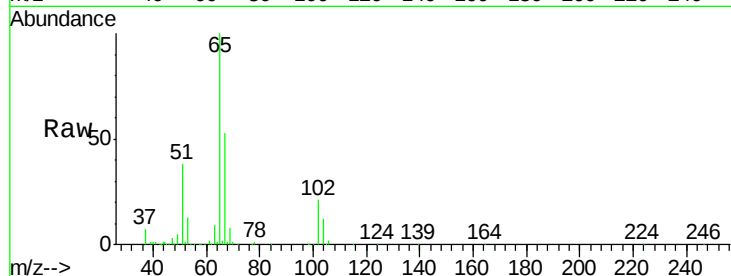
SB-6I(9-9.5)

Tot Ion: 65 Resp: 49059

Ion Ratio Lower Upper

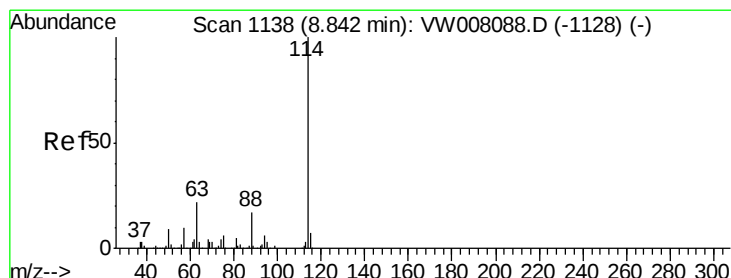
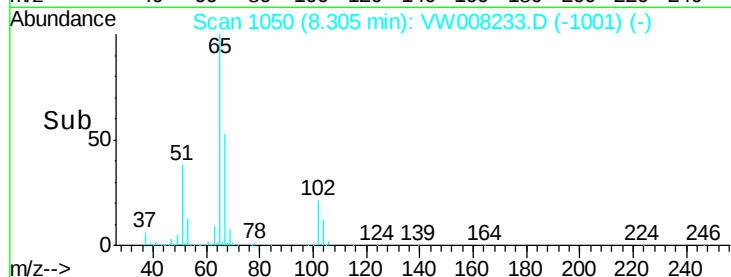
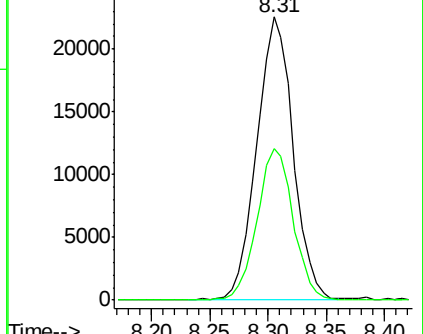
65 100

67 53.0 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: VW008233.D

Acq: 12 Jan 2019 10:41

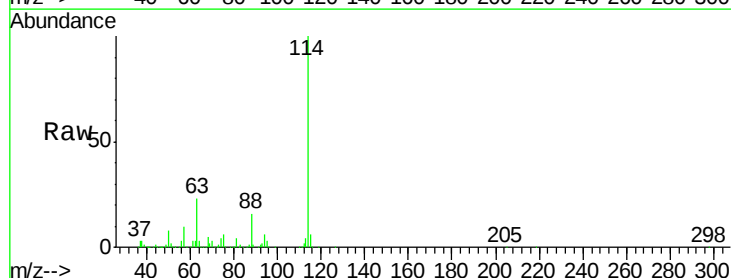
Tgt Ion: 114 Resp: 147182

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

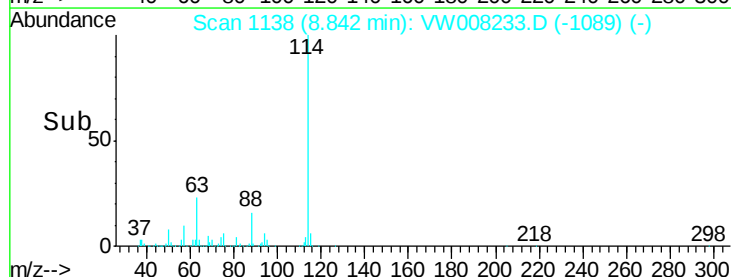
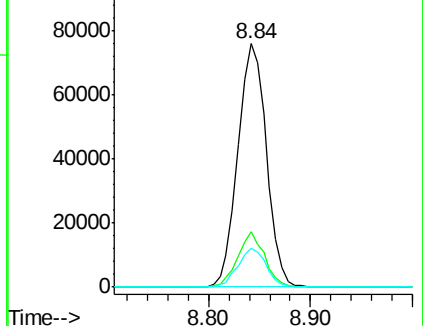
88 15.7 0.0 33.4

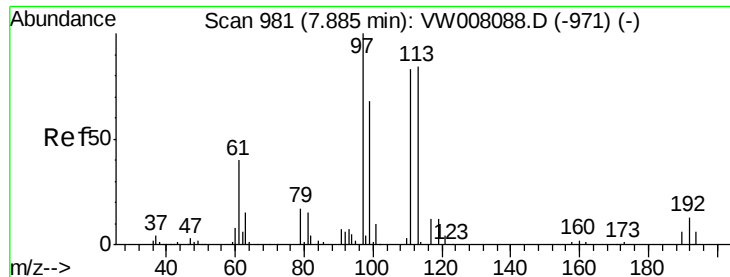


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

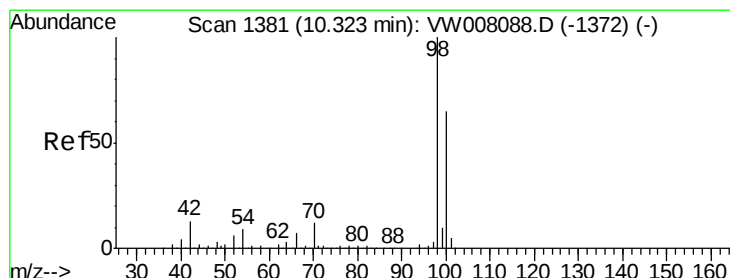
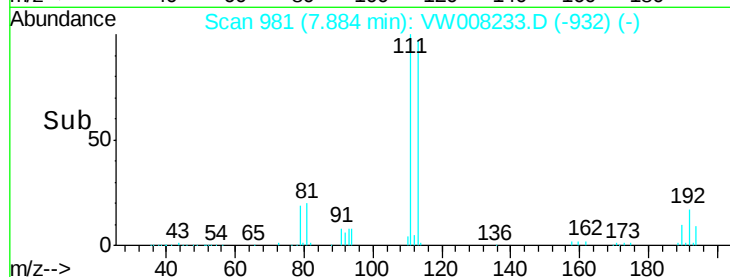
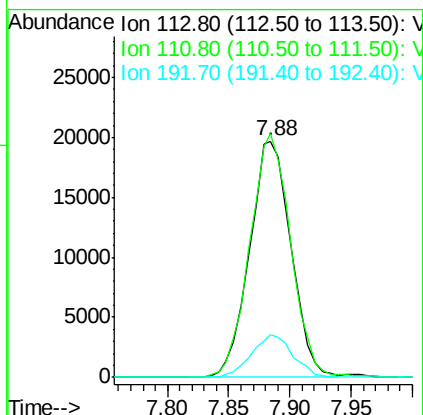
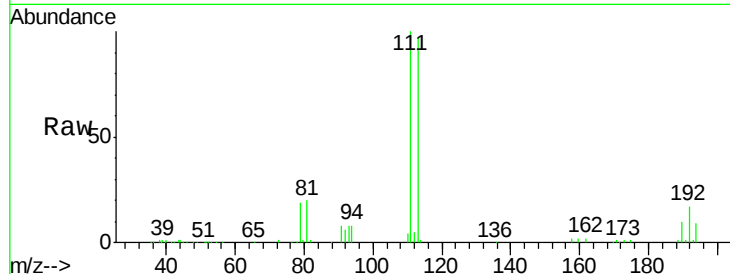




#35
 Dibromofluoromethane
 Concen: 54.019 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008233.D
 Acq: 12 Jan 2019 10:41

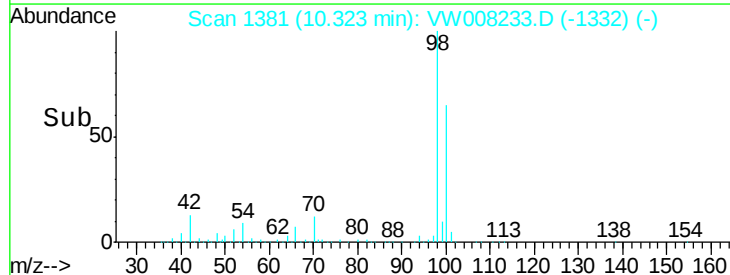
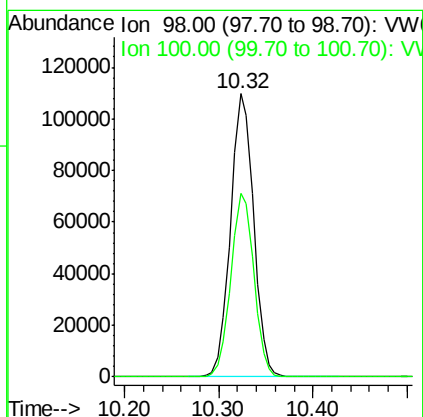
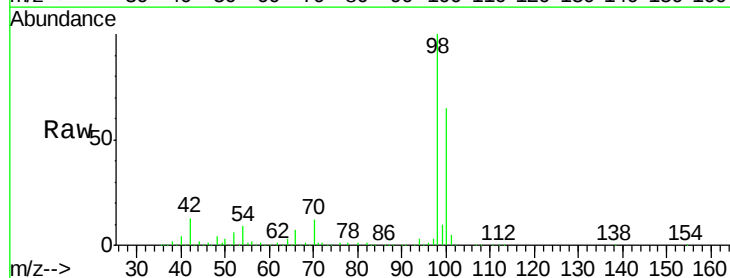
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6I(9-9.5)

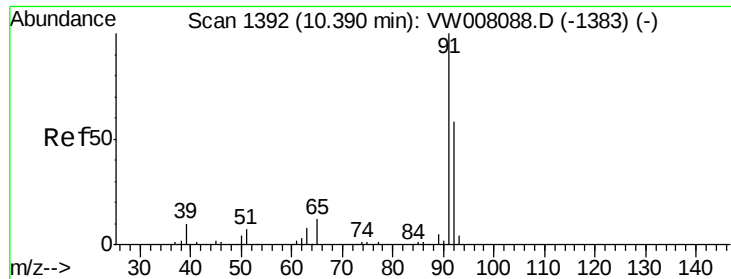
Tot Ion:113 Resp: 46371
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 18.0 12.8 19.2



#50
 Toluene-d8
 Concen: 51.874 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008233.D
 Acq: 12 Jan 2019 10:41

Tgt Ion: 98 Resp: 186864
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5





#52

Toluene

Concen: 4.135 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008233.D

Acq: 12 Jan 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

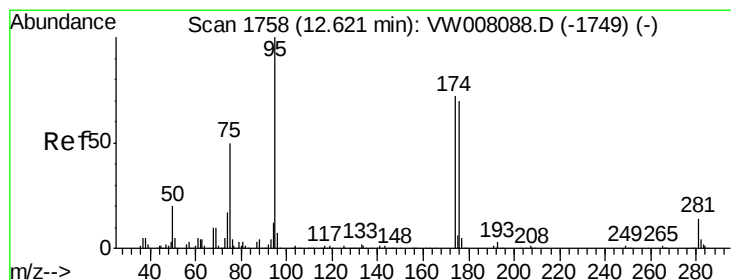
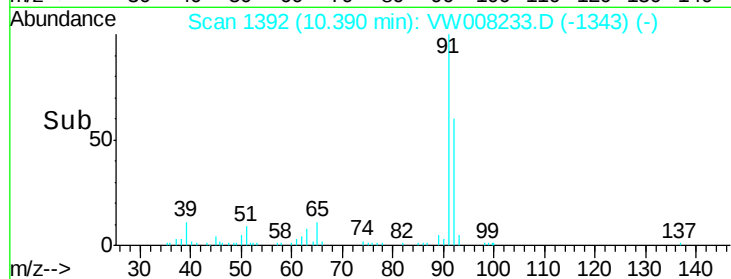
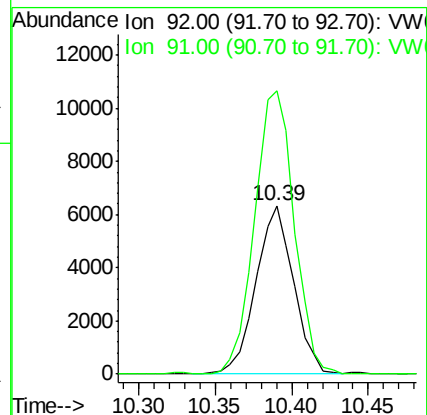
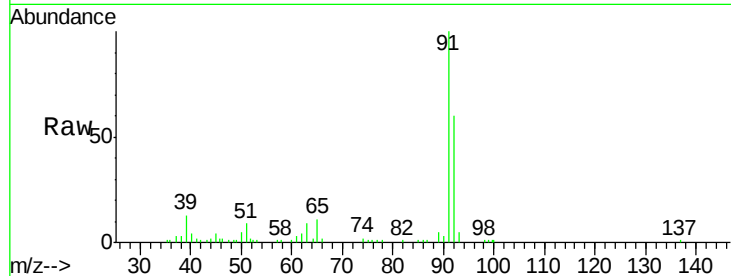
SB-6I(9-9.5)

Tot Ion: 92 Resp: 10858

Ion Ratio Lower Upper

92 100

91 176.3 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 45.452 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008233.D

Acq: 12 Jan 2019 10:41

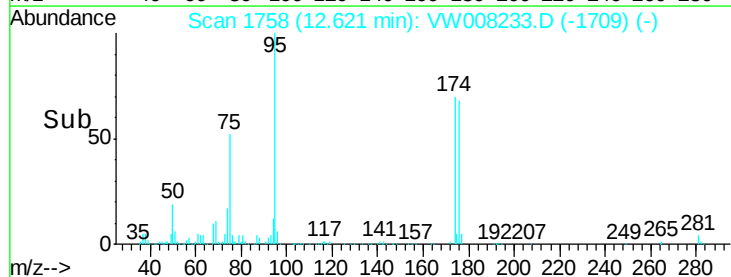
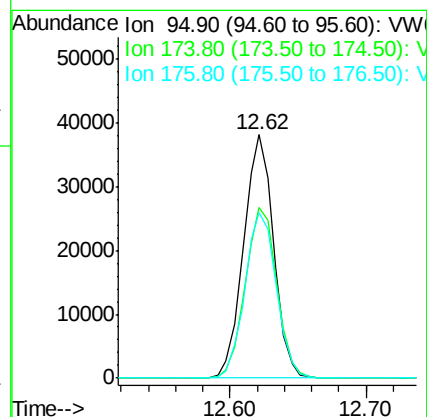
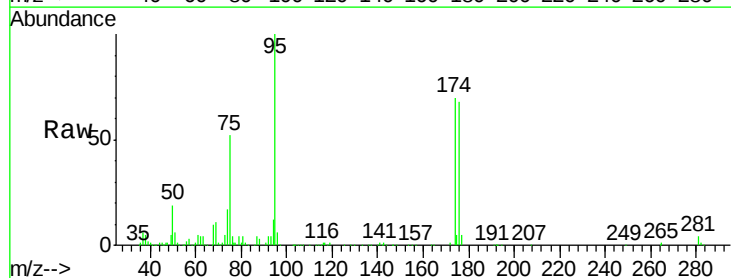
Tgt Ion: 95 Resp: 58697

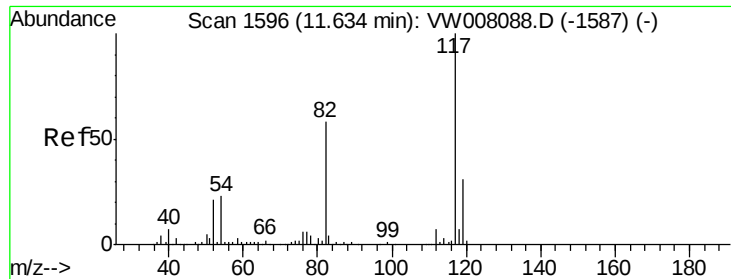
Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.0

176 71.3 0.0 140.2

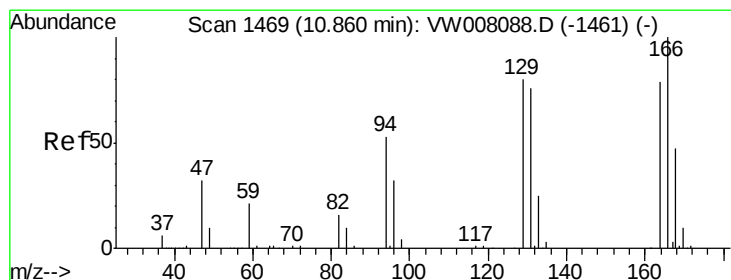
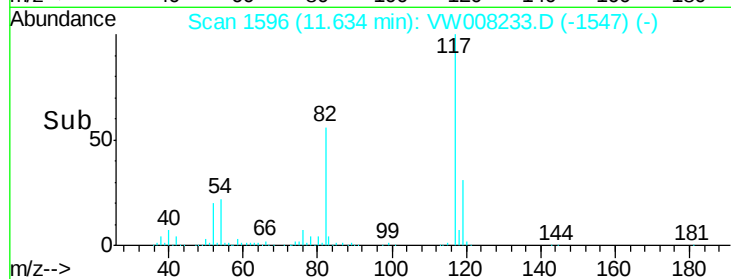
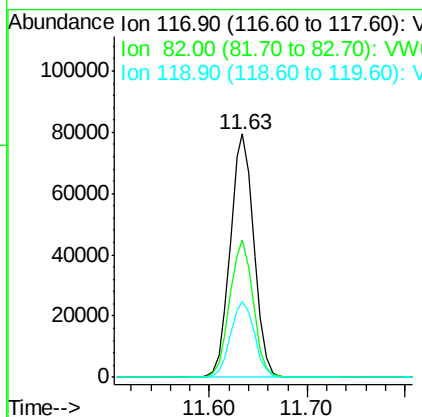
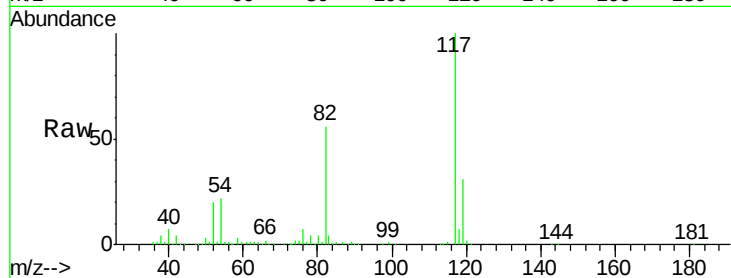




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008233.D
Acq: 12 Jan 2019 10:41

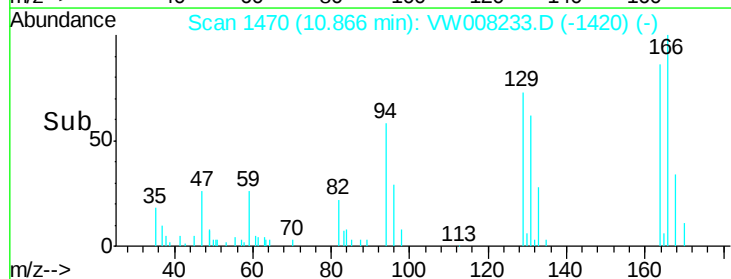
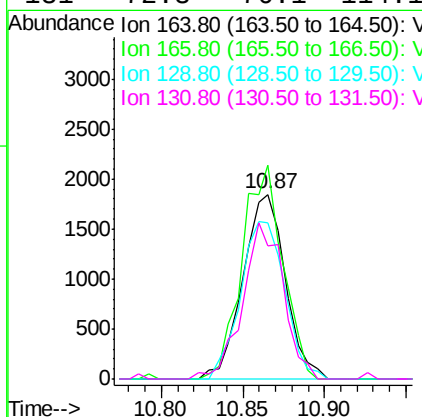
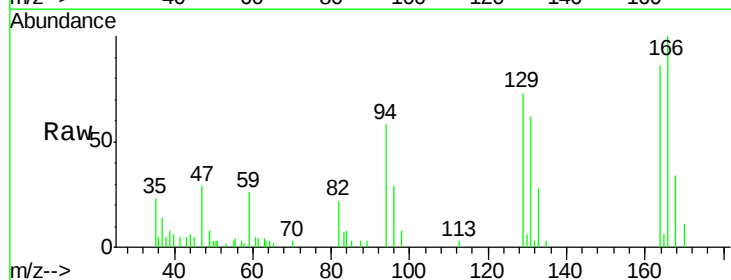
Instrument :
MSVOA_W
ClientSampleId :
SB-6I(9-9.5)

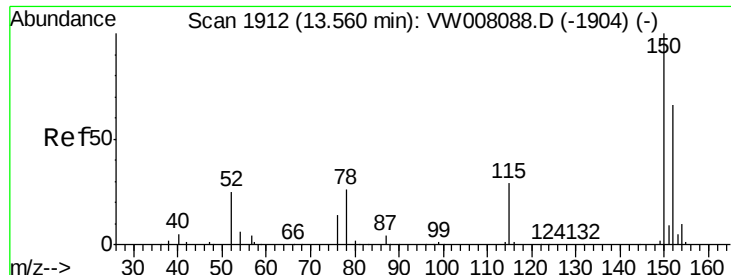
Tot Ion:117 Resp: 132510
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 31.4 24.7 37.1



#64
Tetrachloroethene
Concen: 3.875 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008233.D
Acq: 12 Jan 2019 10:41

Tgt Ion:164 Resp: 3342
Ion Ratio Lower Upper
164 100
166 115.8 100.7 151.1
129 84.4 81.0 121.4
131 72.3 76.1 114.1#

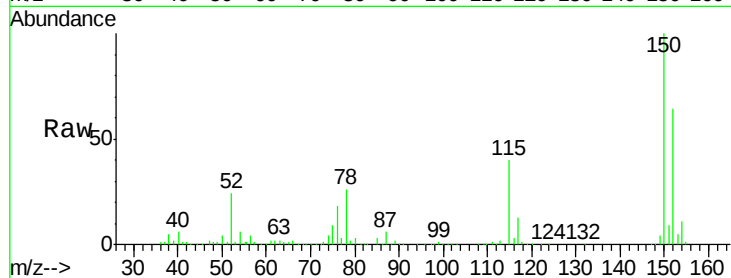




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008233.D
 Acq: 12 Jan 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6I(9-9.5)

Tot Ion:152 Resp: 54914
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.8 92.4
 150 162.1 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

