

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008896.D
 Acq On : 28 Feb 2019 19:10
 Operator : SY/VA
 Sample : K1650-01
 Misc : 2.94G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1(1.5-2.5)

Quant Time: Mar 01 07:48:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

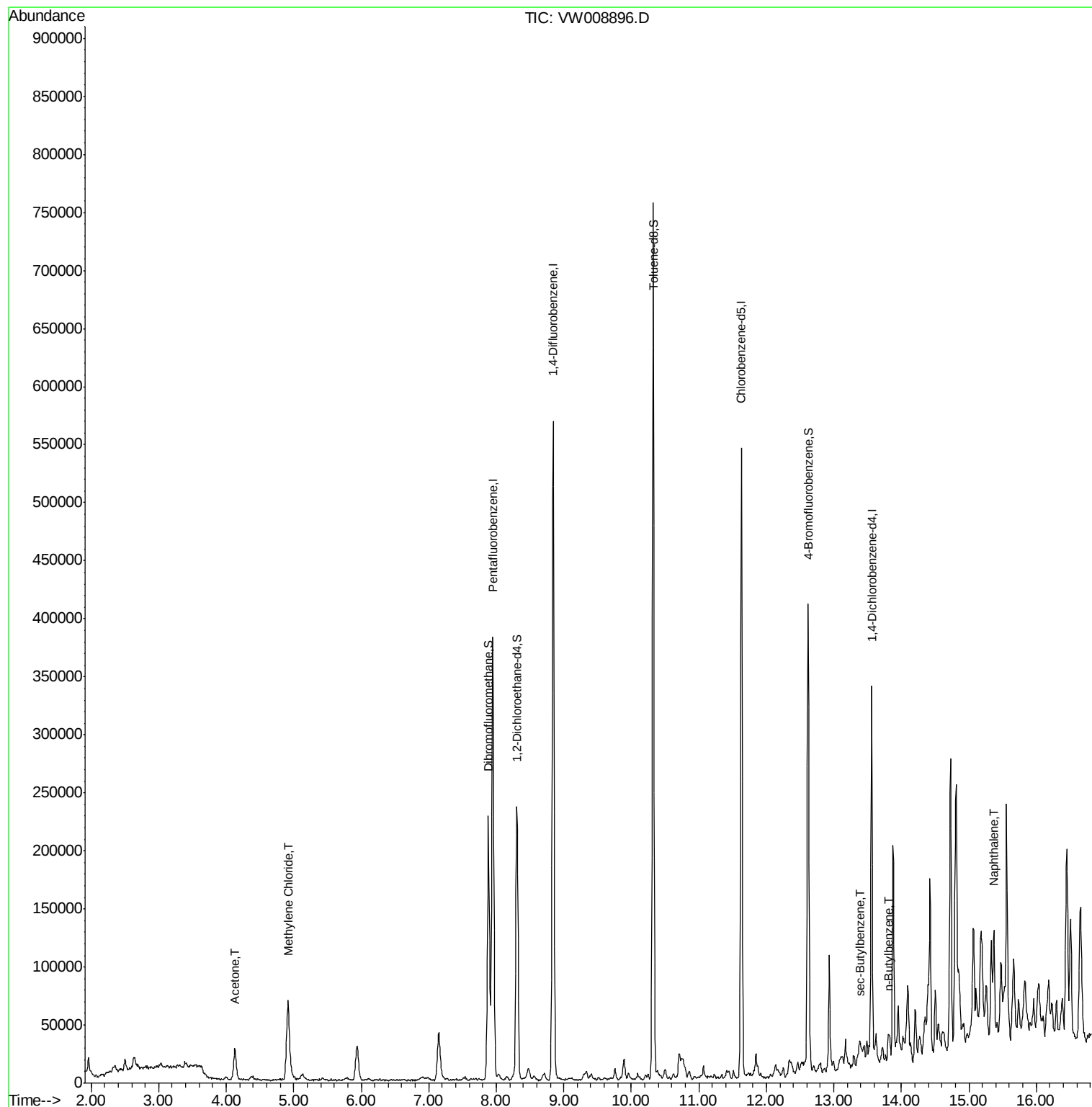
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	177755	66.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.48%	
35) Dibromofluoromethane	7.88	113	149498	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	10.32	98	474843	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	12.62	95	112187	26.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.38%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	47272	76.573	ug/l	98
20) Methylene Chloride	4.92	84	49434	12.414	ug/l	98
85) sec-Butylbenzene	13.38	105	11142	1.894	ug/l #	74
89) n-Butylbenzene	13.82	91	12797	2.532	ug/l #	81
95) Naphthalene	15.38	128	68909	23.609	ug/l	98

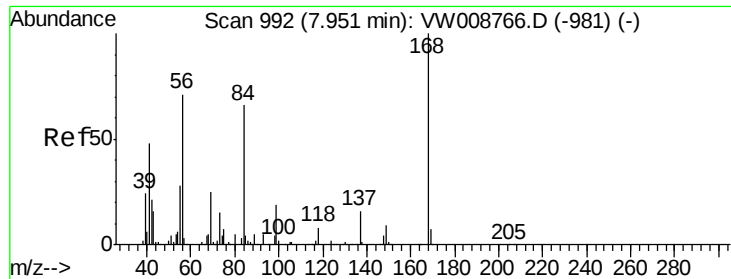
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
Data File : VW008896.D
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Misc : 2.94G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1(1.5-2.5)

Quant Time: Mar 01 07:48:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW008896.D

Acq: 28 Feb 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

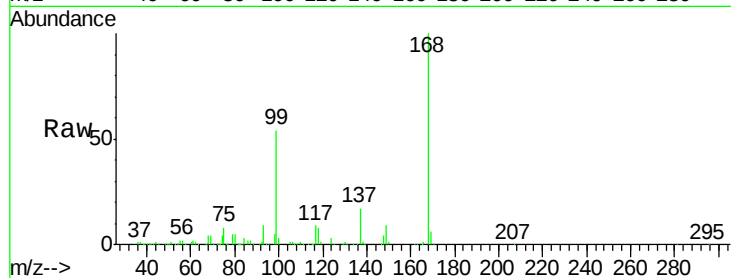
B-1(1.5-2.5)

Tot Ion:168 Resp: 283969

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

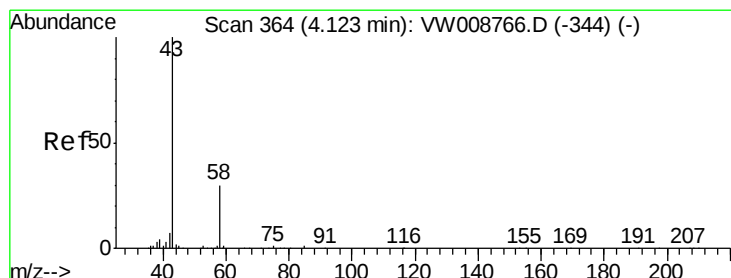
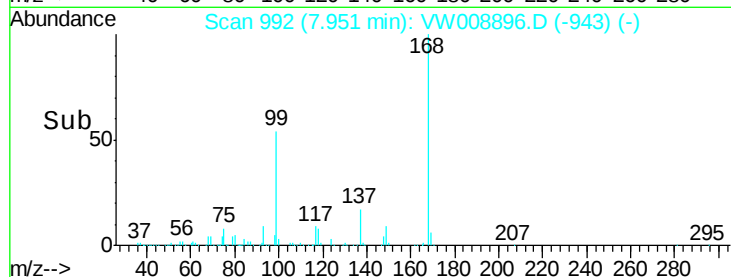
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 76.573 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008896.D

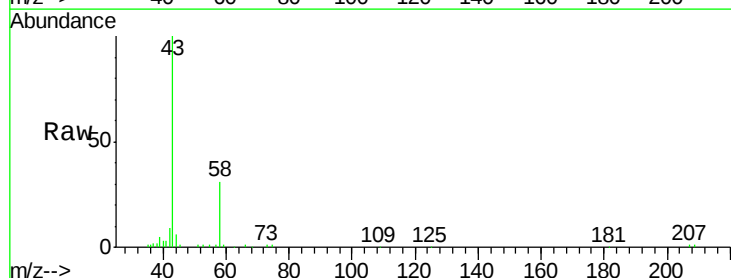
Acq: 28 Feb 2019 19:10

Tgt Ion: 43 Resp: 47272

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

15000

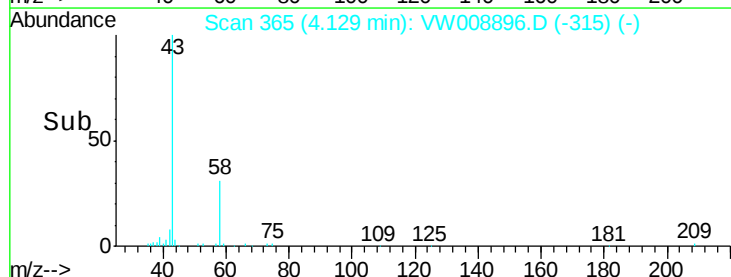
10000

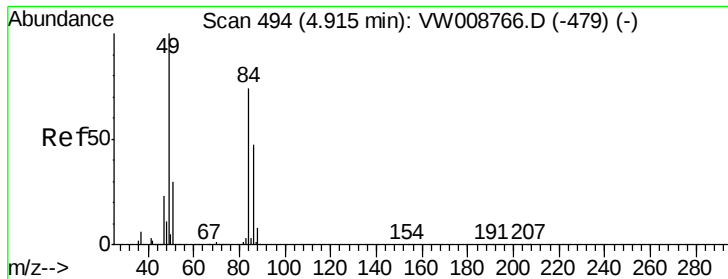
5000

0

4.00 4.10 4.20

Time-->

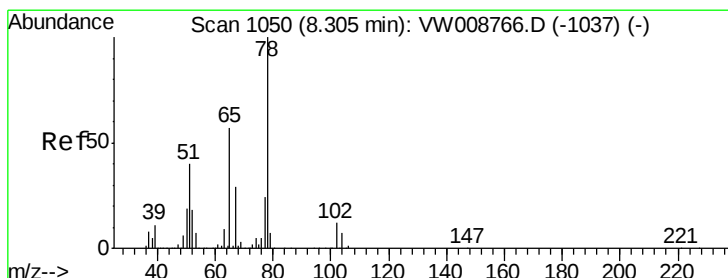
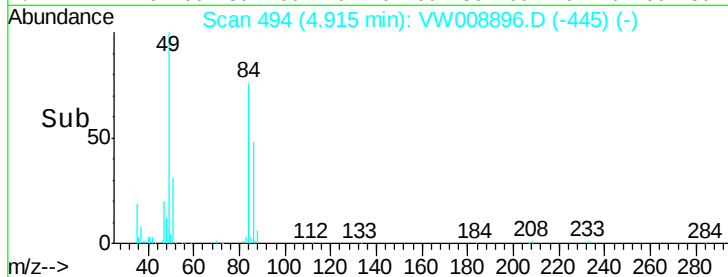
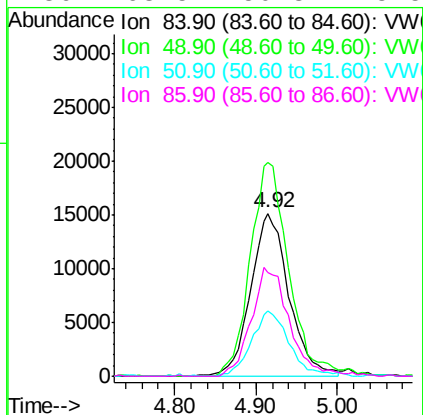
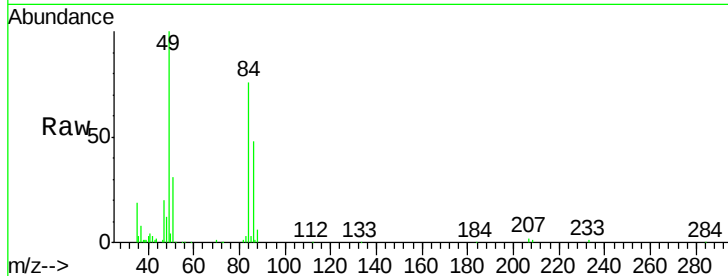




#20
Methylene Chloride
Concen: 12.414 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008896.D
Acq: 28 Feb 2019 19:10

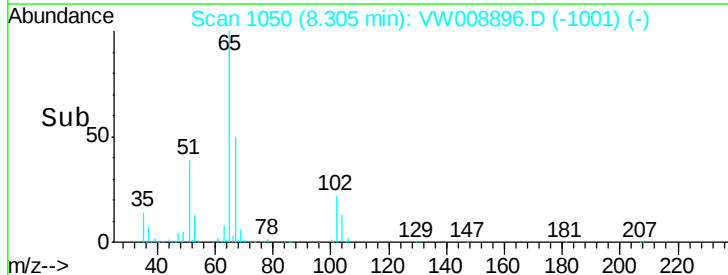
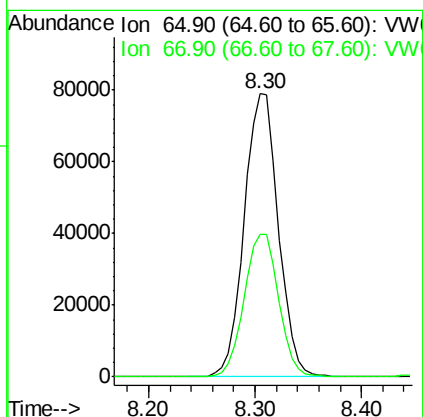
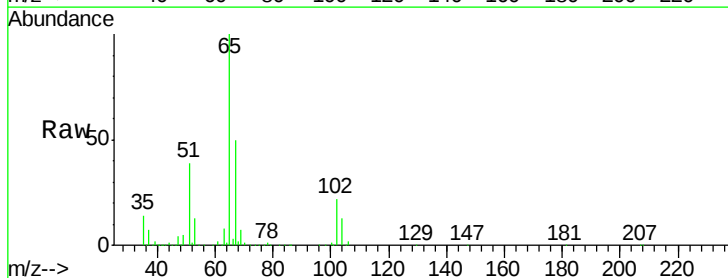
Instrument :
MSVOA_W
ClientSampleId :
B-1(1.5-2.5)

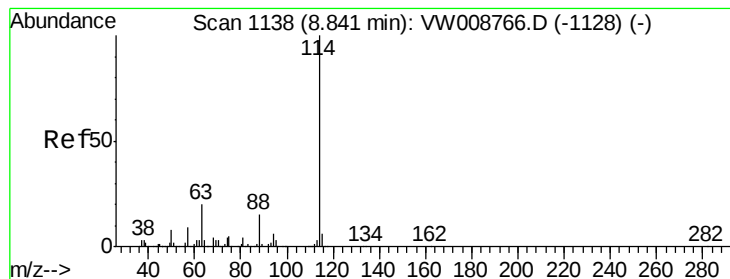
Tot Ion: 84 Resp: 49434
Ion Ratio Lower Upper
84 100
49 130.9 108.2 162.2
51 40.2 32.7 49.1
86 63.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 66.740 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008896.D
Acq: 28 Feb 2019 19:10

Tgt Ion: 65 Resp: 177755
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

B-1(1.5-2.5)

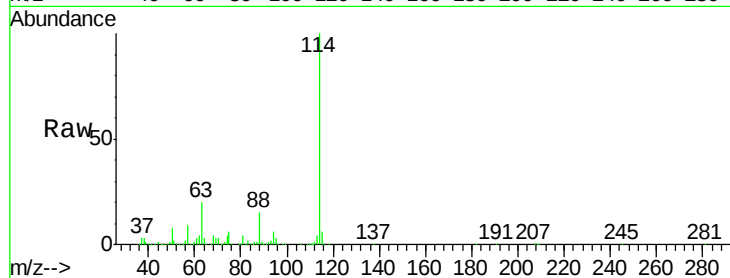
Tot Ion:114 Resp: 463109

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

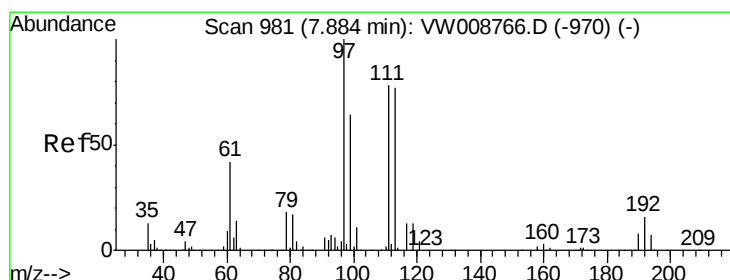
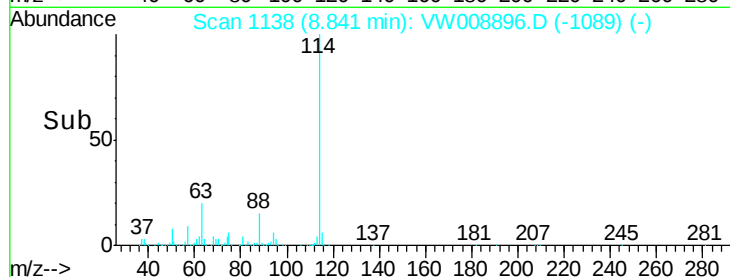
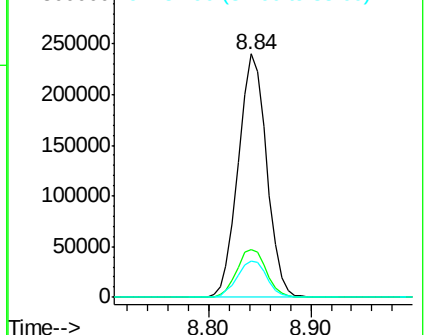
88 15.0 0.0 30.4



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: 53.765 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

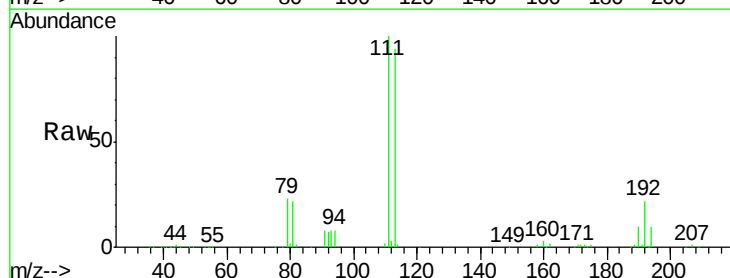
Tgt Ion:113 Resp: 149498

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

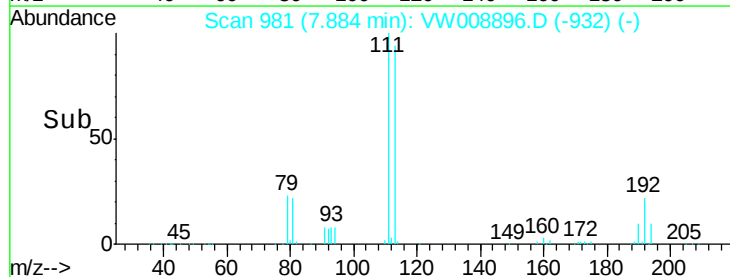
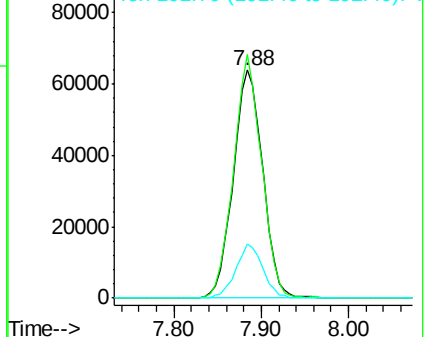
192 21.8 17.1 25.7

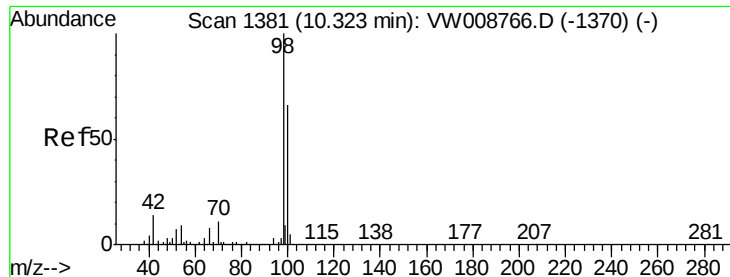


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.238 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

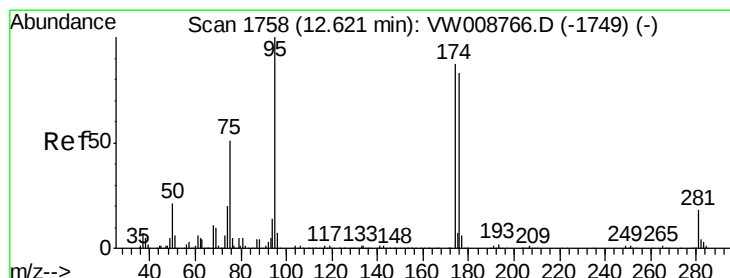
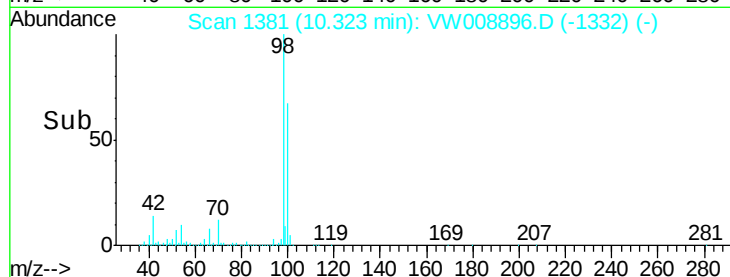
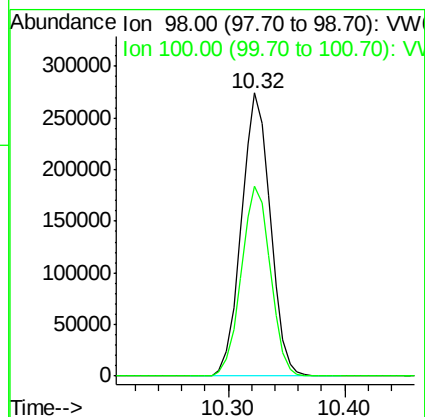
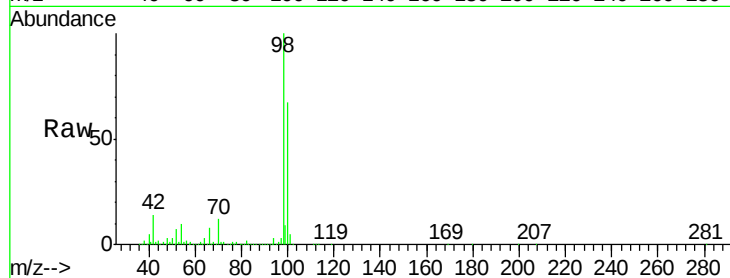
B-1(1.5-2.5)

Tot Ion: 98 Resp: 474843

Ion Ratio Lower Upper

98 100

100 67.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 26.694 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

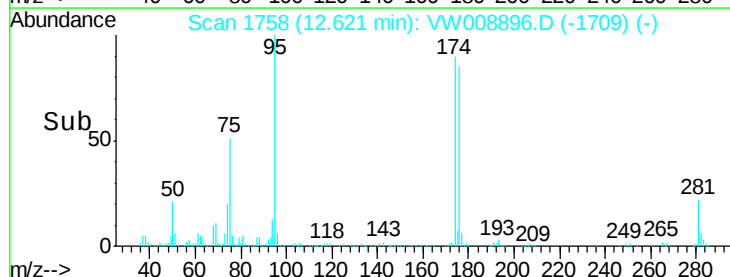
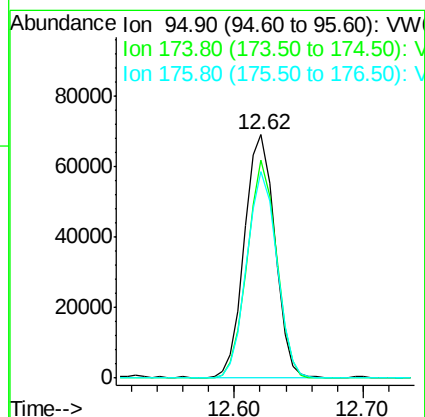
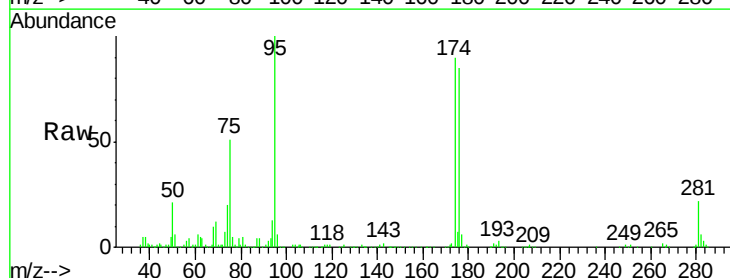
Tgt Ion: 95 Resp: 112187

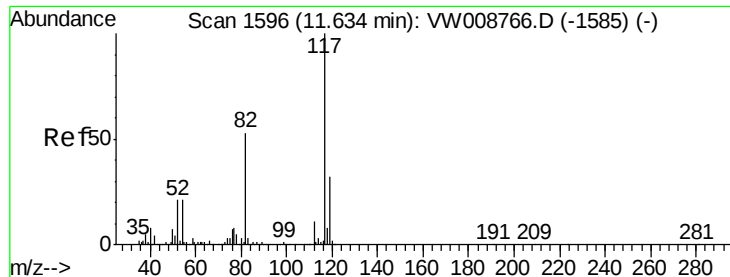
Ion Ratio Lower Upper

95 100

174 86.5 0.0 169.2

176 84.3 0.0 163.6

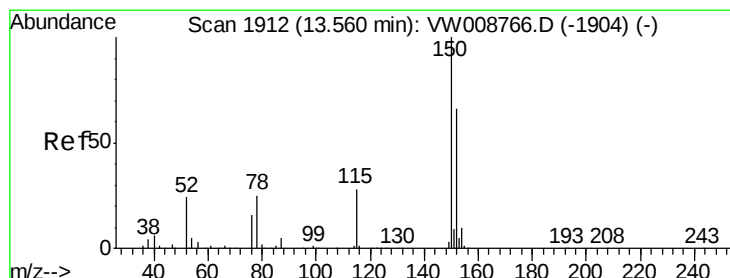
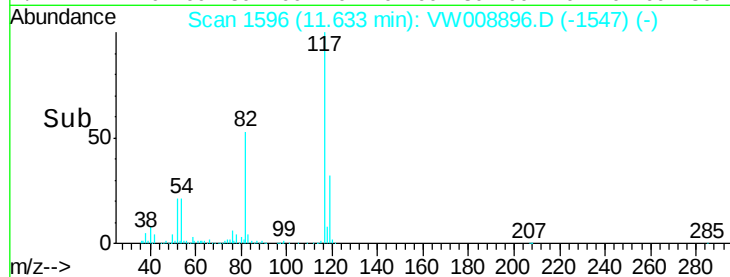
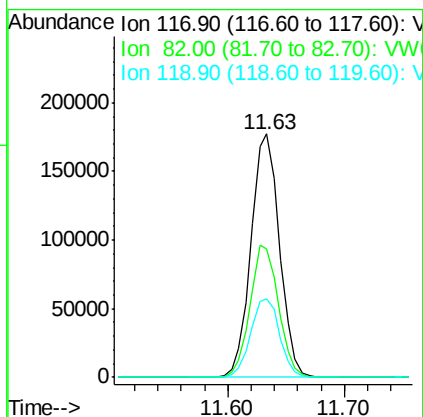
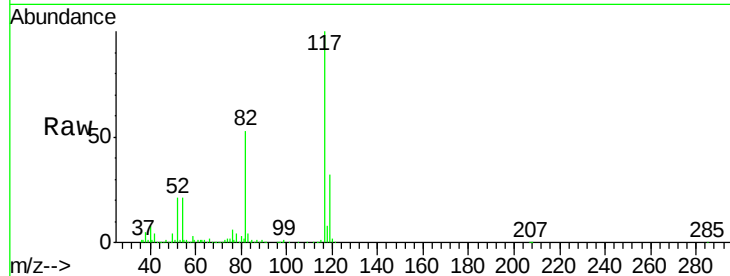




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008896.D
Acq: 28 Feb 2019 19:10

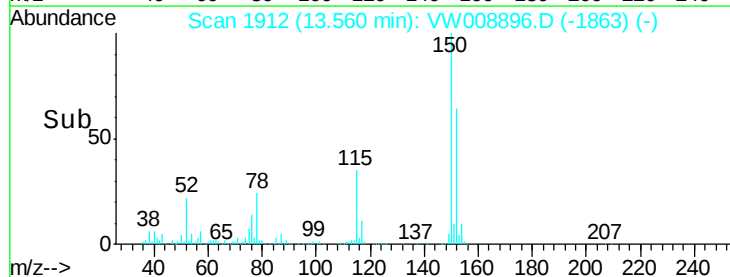
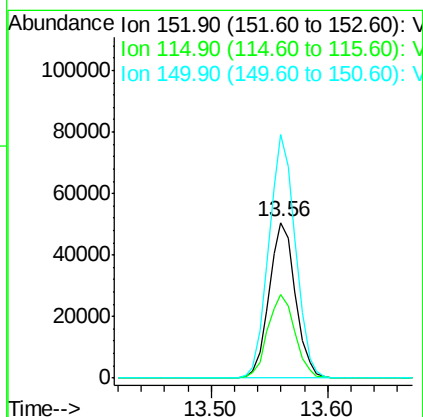
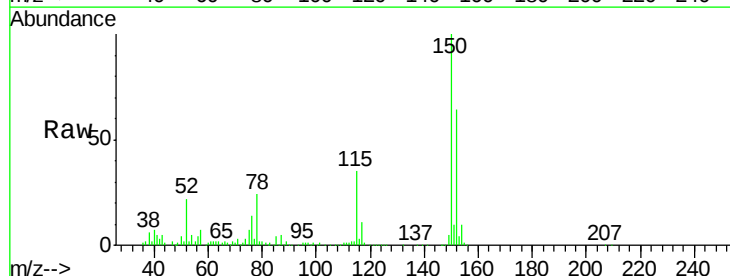
Instrument :
MSVOA_W
ClientSampleId :
B-1(1.5-2.5)

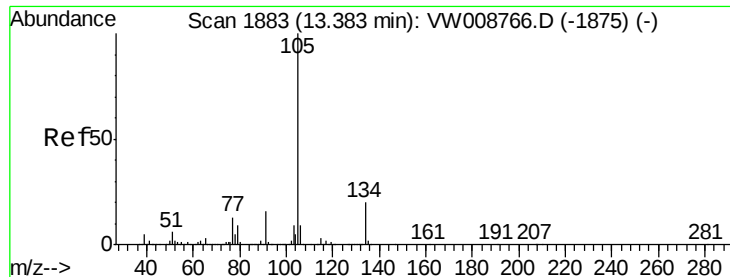
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008896.D
Acq: 28 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.6	85.8
150	158.0	0.0	348.0





#85

sec-Butylbenzene

Concen: 1.894 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

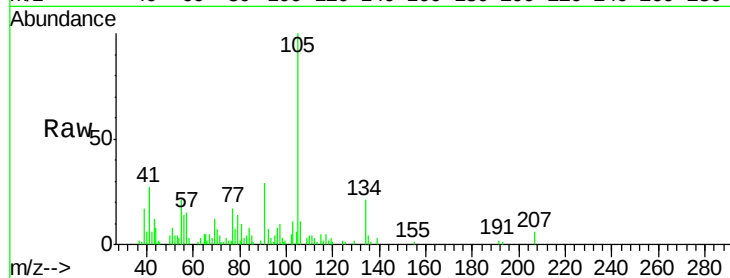
B-1(1.5-2.5)

Tot Ion:105 Resp: 11142

Ion Ratio Lower Upper

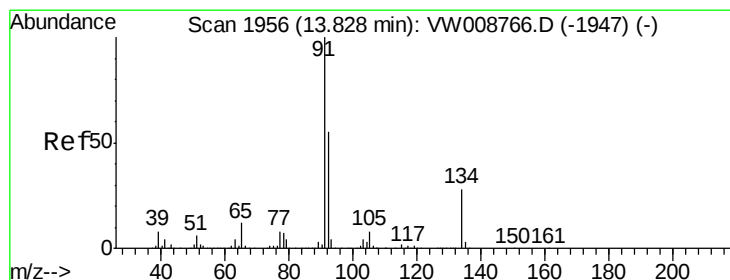
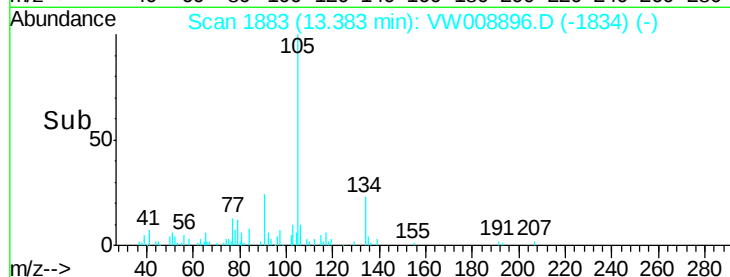
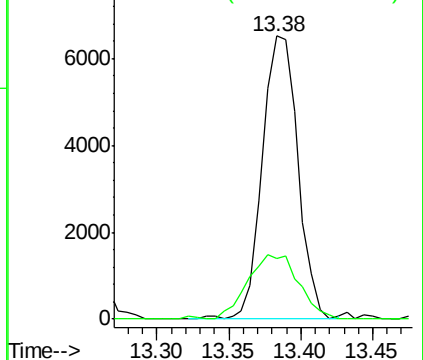
105 100

134 32.7 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.532 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

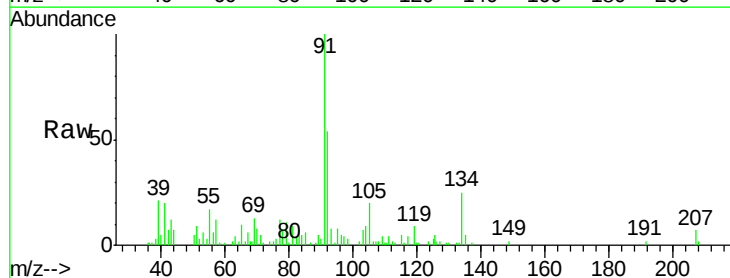
Tgt Ion: 91 Resp: 12797

Ion Ratio Lower Upper

91 100

92 49.2 26.8 80.4

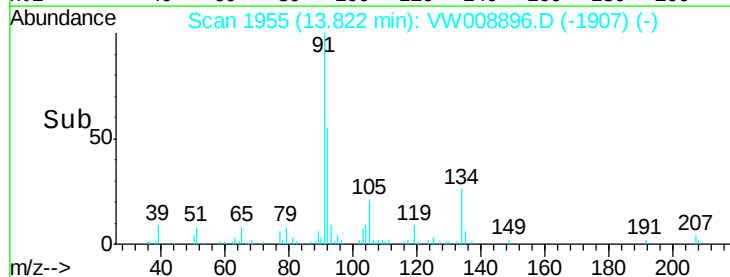
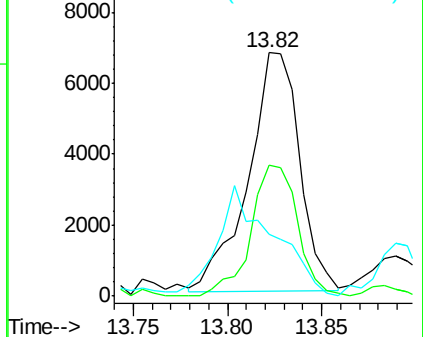
134 49.8 13.5 40.4#

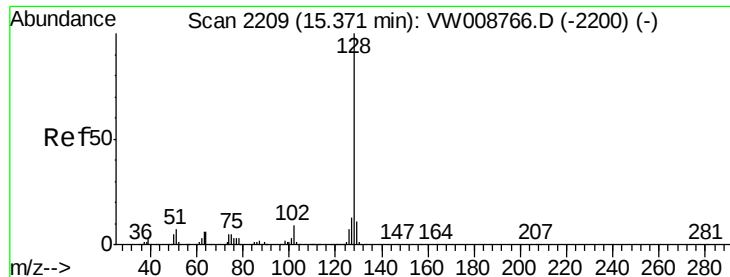


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 23.609 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008896.D

Acq: 28 Feb 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

B-1(1.5-2.5)

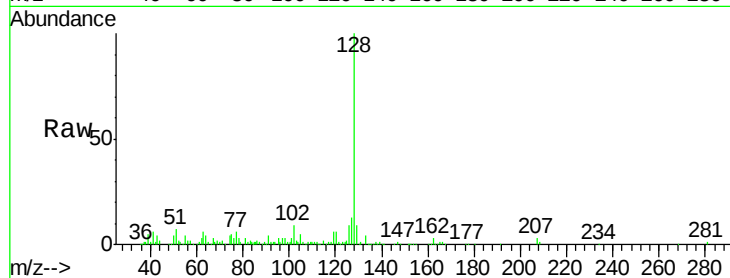
Tot Ion:128 Resp: 68909

Ion Ratio Lower Upper

128 100

127 14.7 10.8 16.2

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

