

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008941.D
 Acq On : 02 Mar 2019 01:32
 Operator : SY/VA
 Sample : K1675-33
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-13-B

Quant Time: Mar 02 05:25:43 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

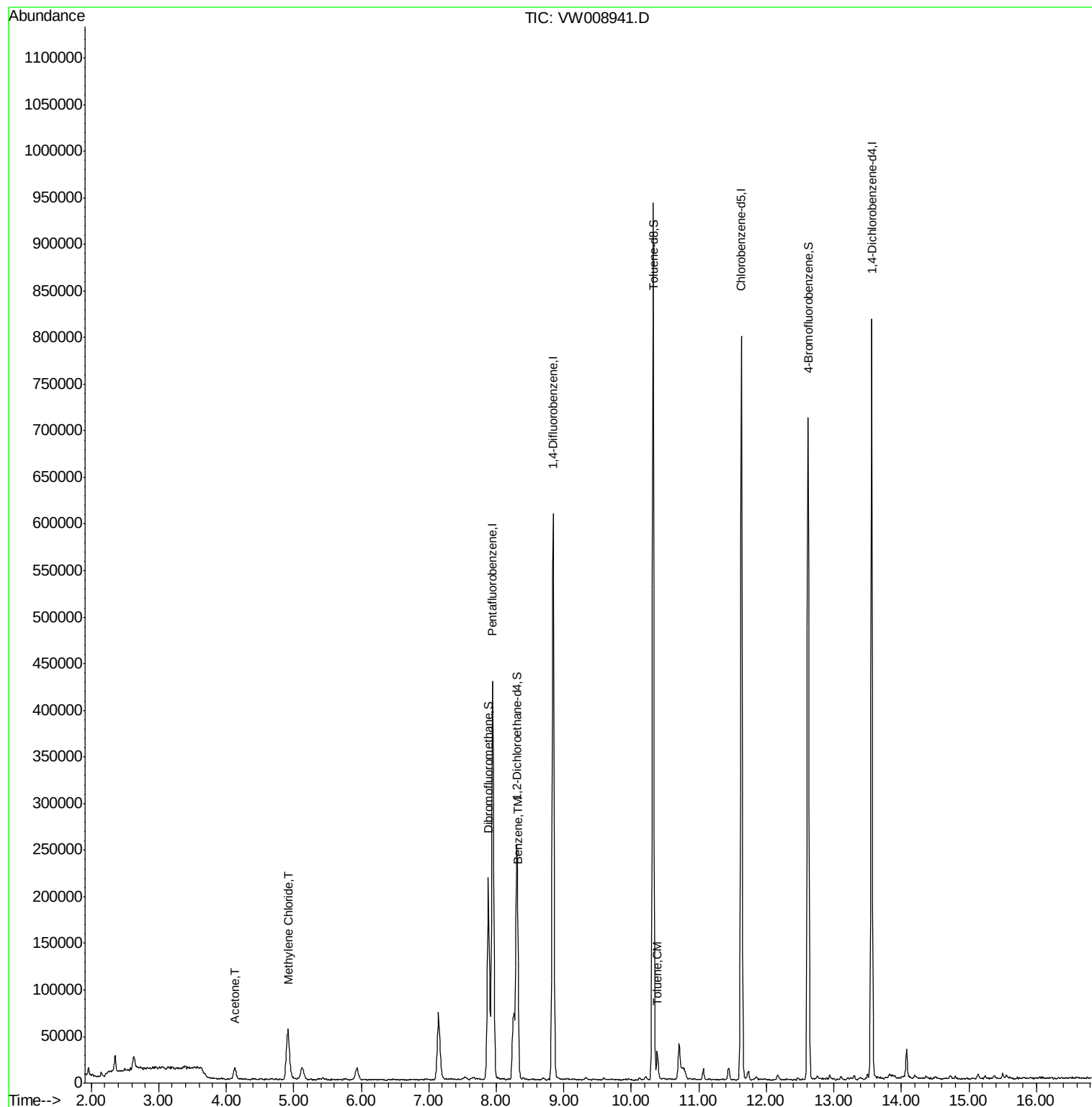
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	441071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	206424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	177644	58.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.64%	
35) Dibromofluoromethane	7.88	113	147608	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.32	98	585512	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	198226	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
16) Acetone	4.13	43	22117	31.594	ug/l	95
20) Methylene Chloride	4.92	84	40233	7.304	ug/l #	92
40) Benzene	8.32	78	18609	1.406	ug/l	98
52) Toluene	10.39	92	12670	1.411	ug/l	98

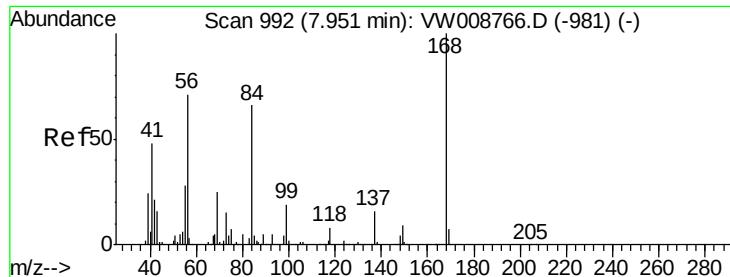
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

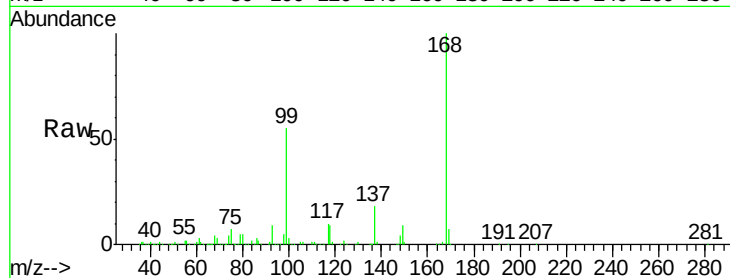
Z-3-13-B

Tot Ion:168 Resp: 322000

Ion Ratio Lower Upper

168 100

99 55.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

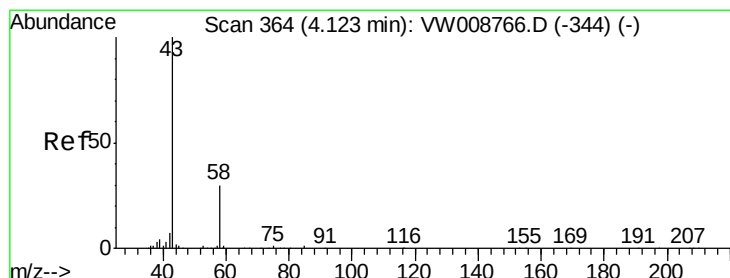
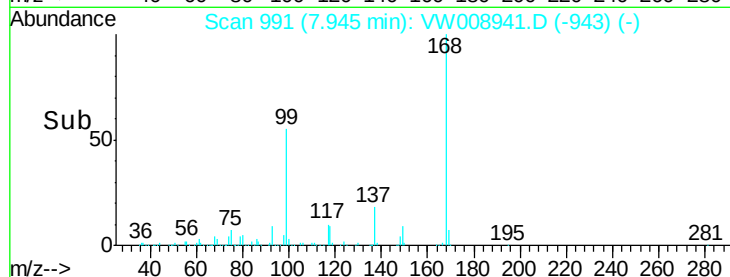
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.594 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008941.D

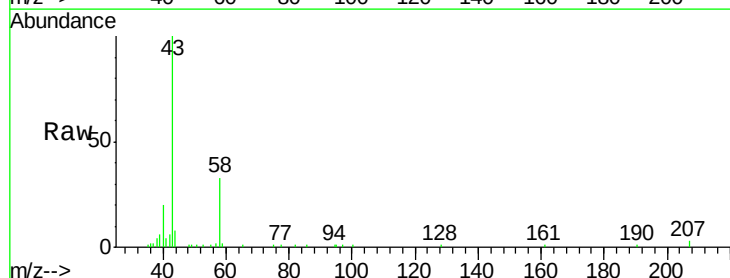
Acq: 02 Mar 2019 01:32

Tgt Ion: 43 Resp: 22117

Ion Ratio Lower Upper

43 100

58 32.7 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

8000

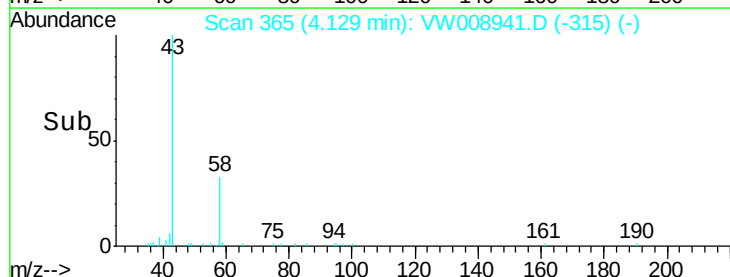
6000

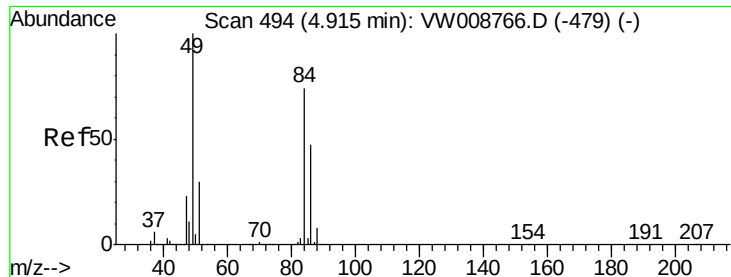
4000

2000

0

Time-->

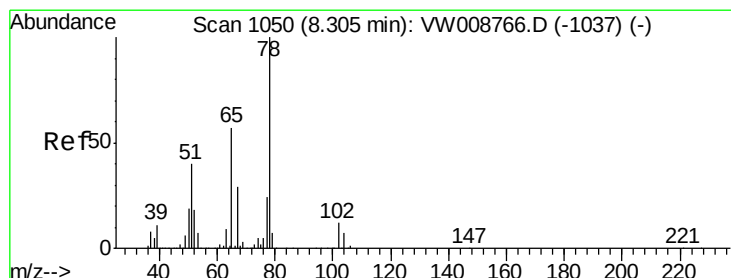
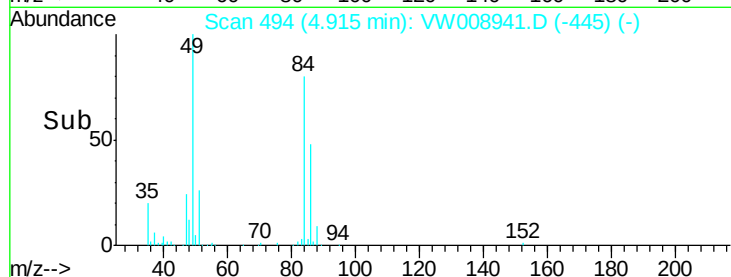
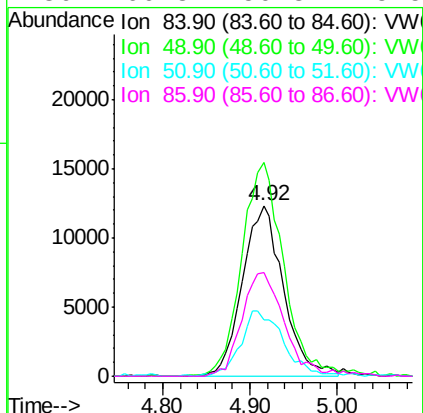
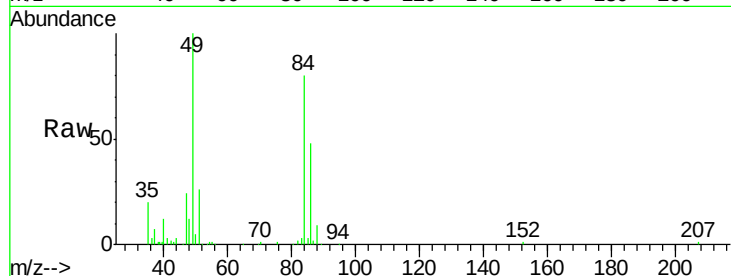




#20
Methylene Chloride
Concen: 7.304 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008941.D
Acq: 02 Mar 2019 01:32

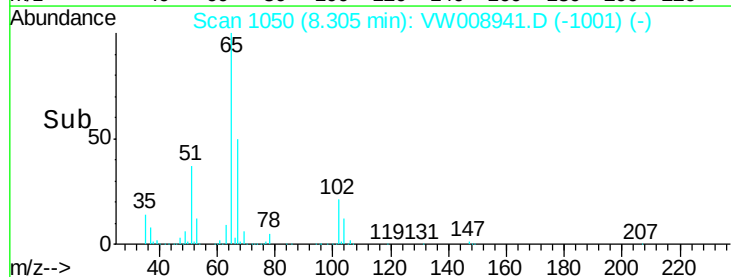
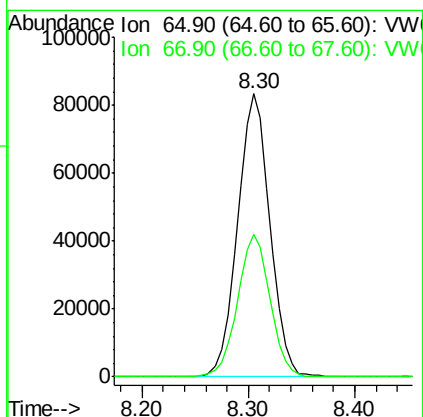
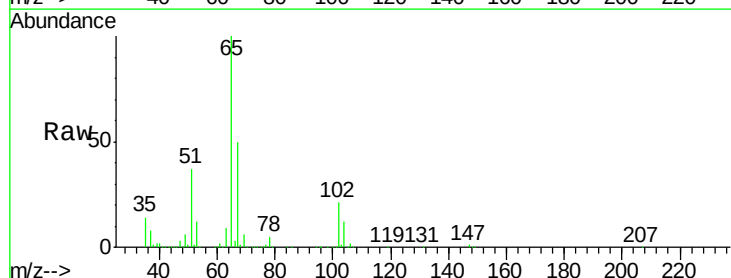
Instrument :
MSVOA_W
ClientSampleId :
Z-3-13-B

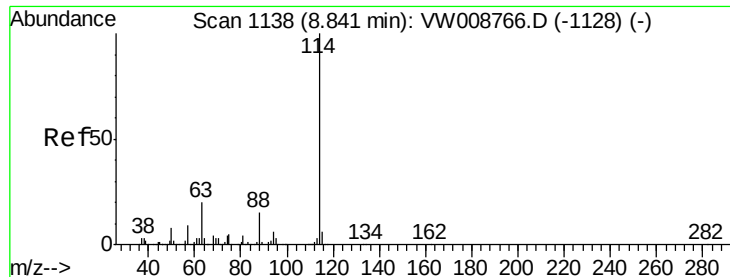
Tot Ion: 84 Resp: 40233
Ion Ratio Lower Upper
84 100
49 124.9 108.2 162.2
51 32.5 32.7 49.1#
86 60.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 58.821 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008941.D
Acq: 02 Mar 2019 01:32

Tgt Ion: 65 Resp: 177644
Ion Ratio Lower Upper
65 100
67 50.9 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: VW008941.D

Acq: 02 Mar 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

Z-3-13-B

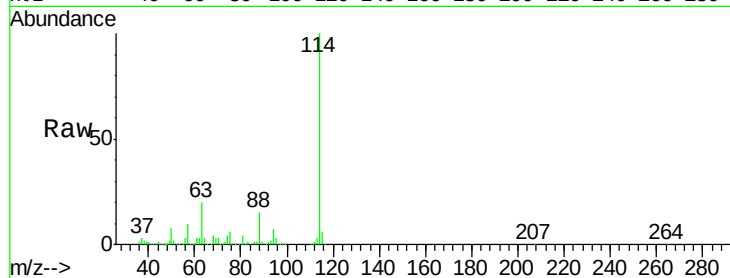
Tot Ion:114 Resp: 497875

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

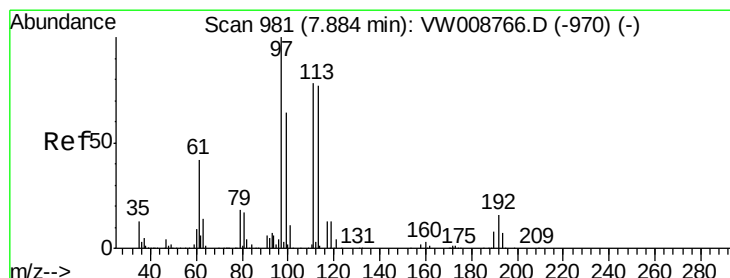
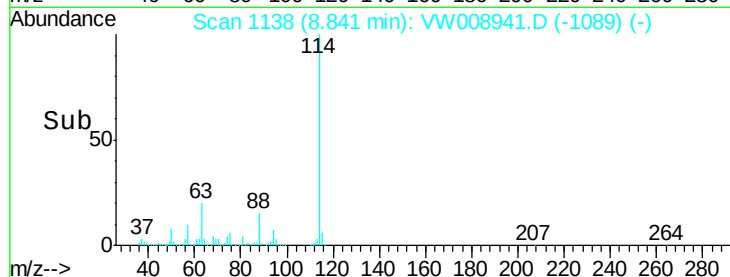
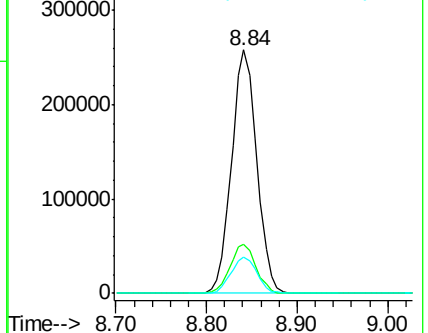
88 15.1 0.0 30.4



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: 49.379 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

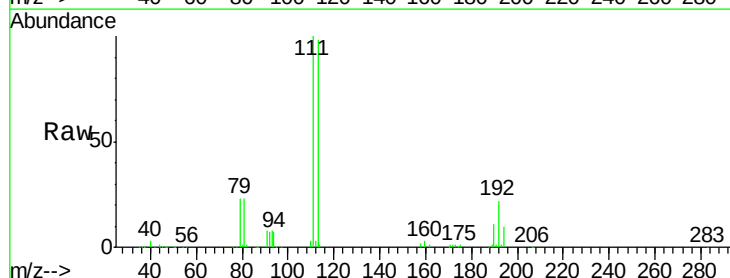
Tgt Ion:113 Resp: 147608

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

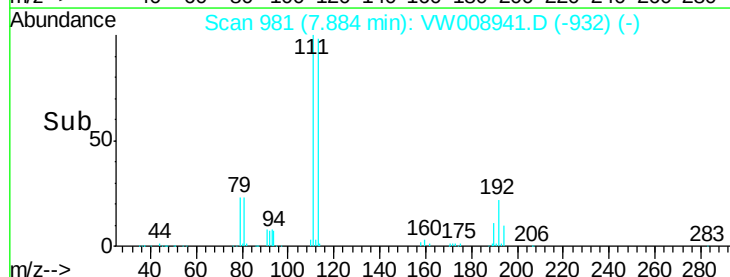
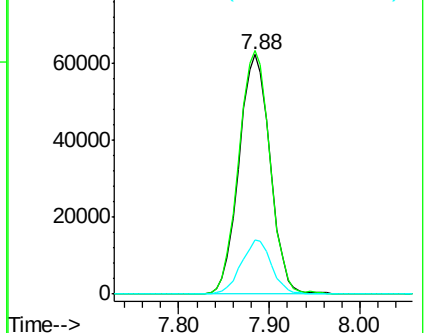
192 22.0 17.1 25.7

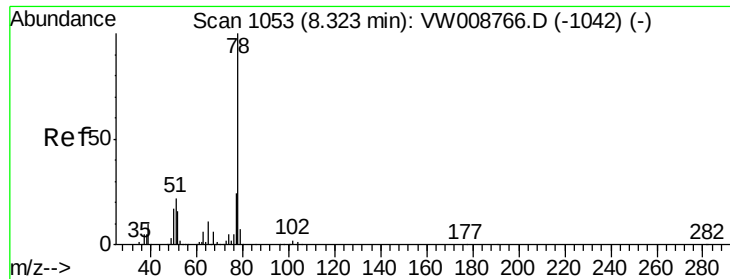


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.406 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

Instrument :

MSVOA_W

ClientSampled :

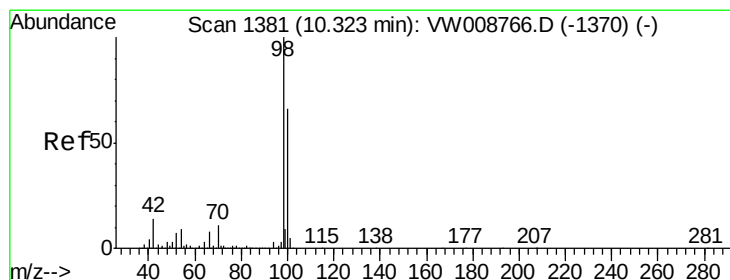
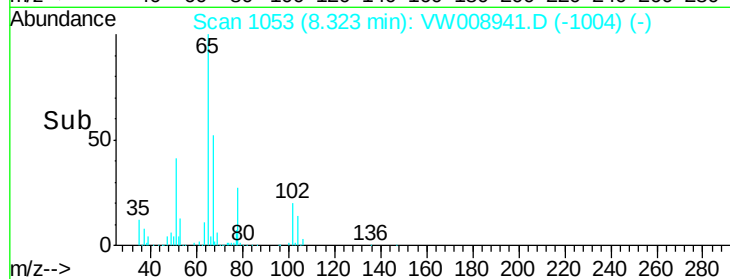
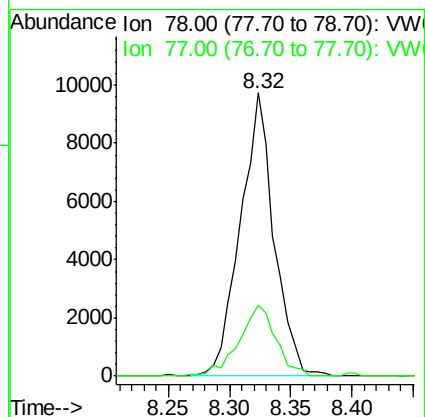
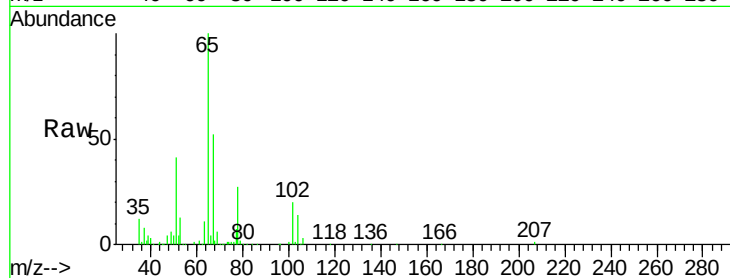
Z-3-13-B

Tot Ion: 78 Resp: 18609

Ion Ratio Lower Upper

78 100

77 25.2 19.3 28.9



#50

Toluene-d8

Concen: 50.739 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008941.D

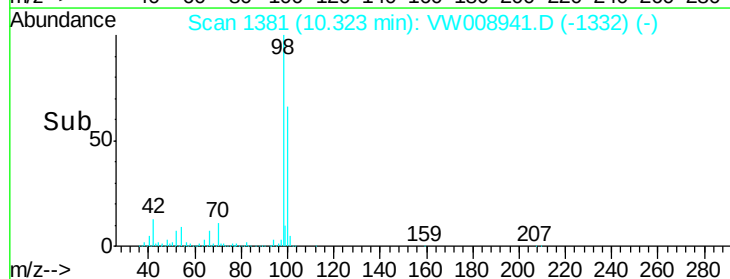
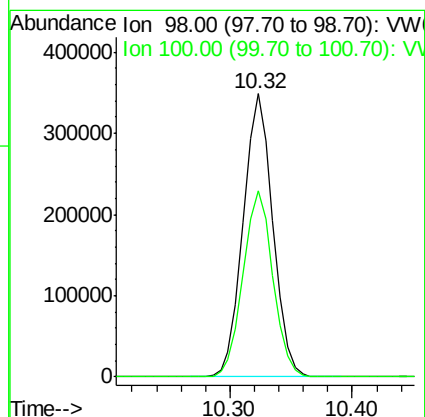
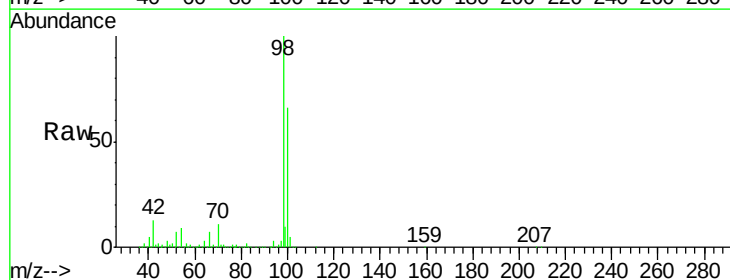
Acq: 02 Mar 2019 01:32

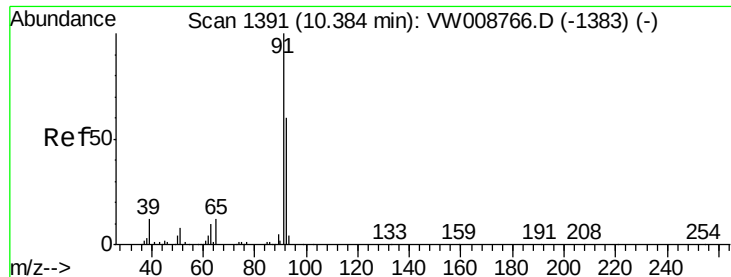
Tgt Ion: 98 Resp: 585512

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6





#52

Toluene

Concen: 1.411 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

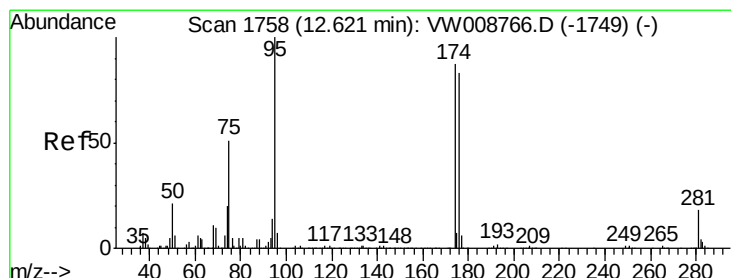
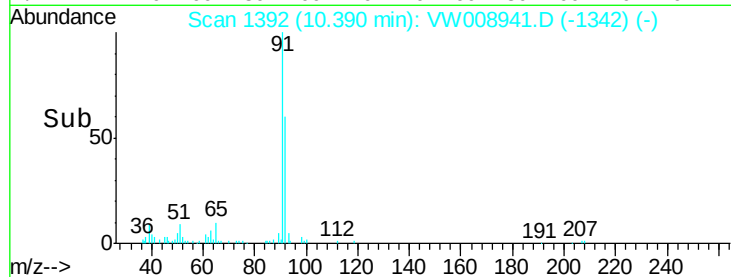
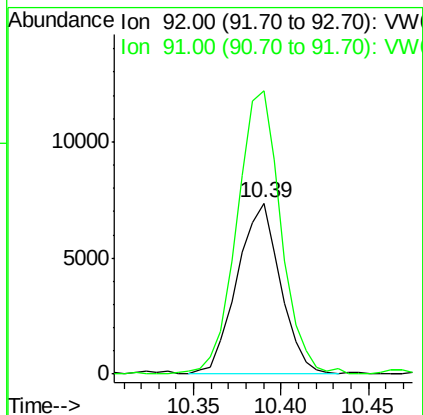
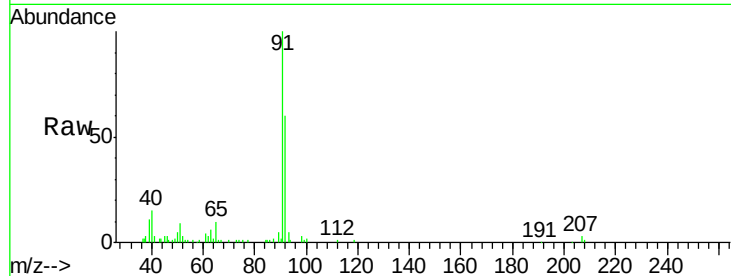
Z-3-13-B

Tot Ion: 92 Resp: 12670

Ion Ratio Lower Upper

92 100

91 168.4 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 43.872 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

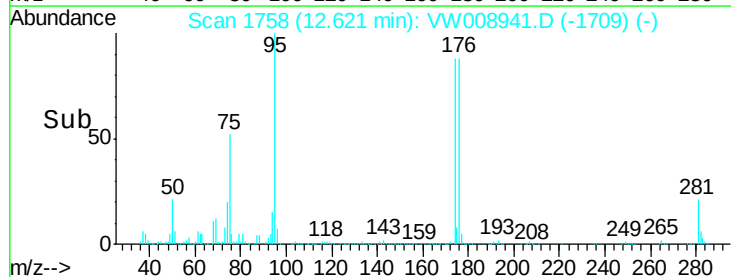
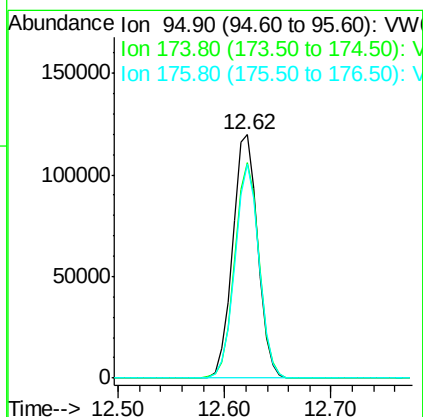
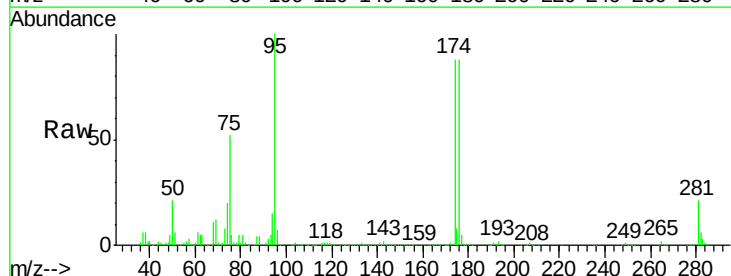
Tgt Ion: 95 Resp: 198226

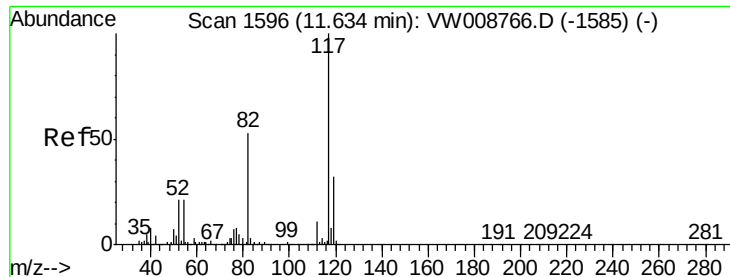
Ion Ratio Lower Upper

95 100

174 86.2 0.0 169.2

176 84.5 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: VW008941.D

Acq: 02 Mar 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

Z-3-13-B

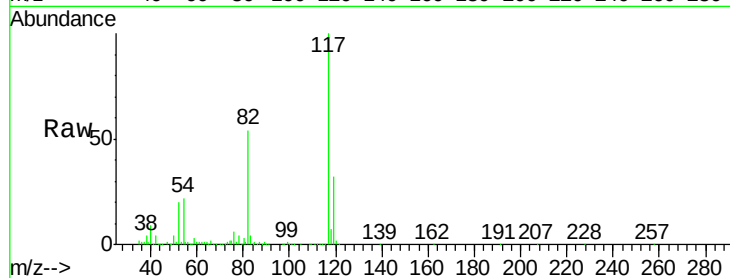
Tot Ion:117 Resp: 441071

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

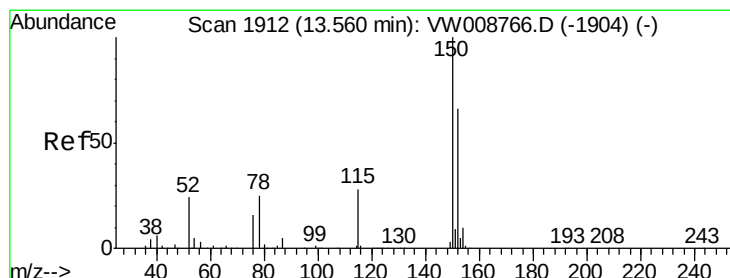
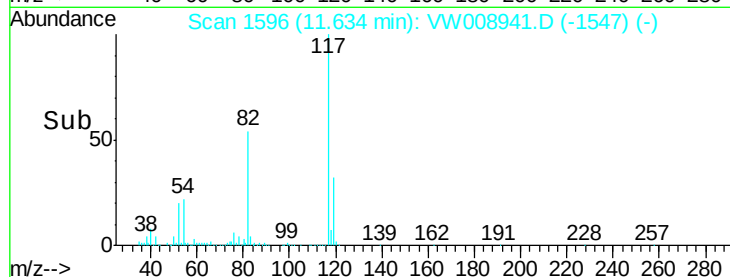
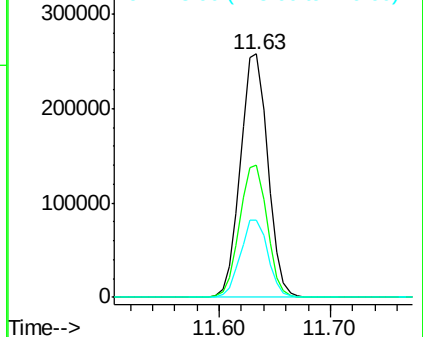
119 31.8 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008941.D

Acq: 02 Mar 2019 01:32

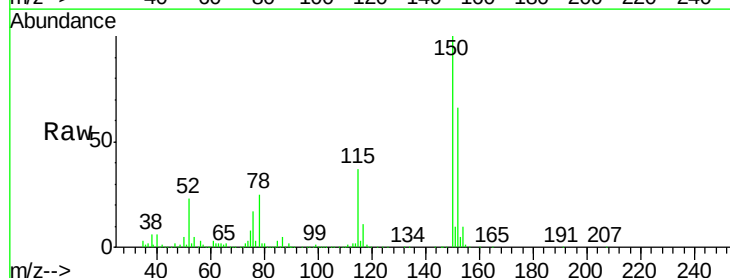
Tgt Ion:152 Resp: 206424

Ion Ratio Lower Upper

152 100

115 56.7 28.6 85.8

150 155.0 0.0 348.0



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

