

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013718.D
 Acq On : 24 Oct 2019 18:28
 Operator : SY/VA
 Sample : K5501-12RE
 Misc : 5.62G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 184-98-(2.2)RE

Quant Time: Oct 25 07:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

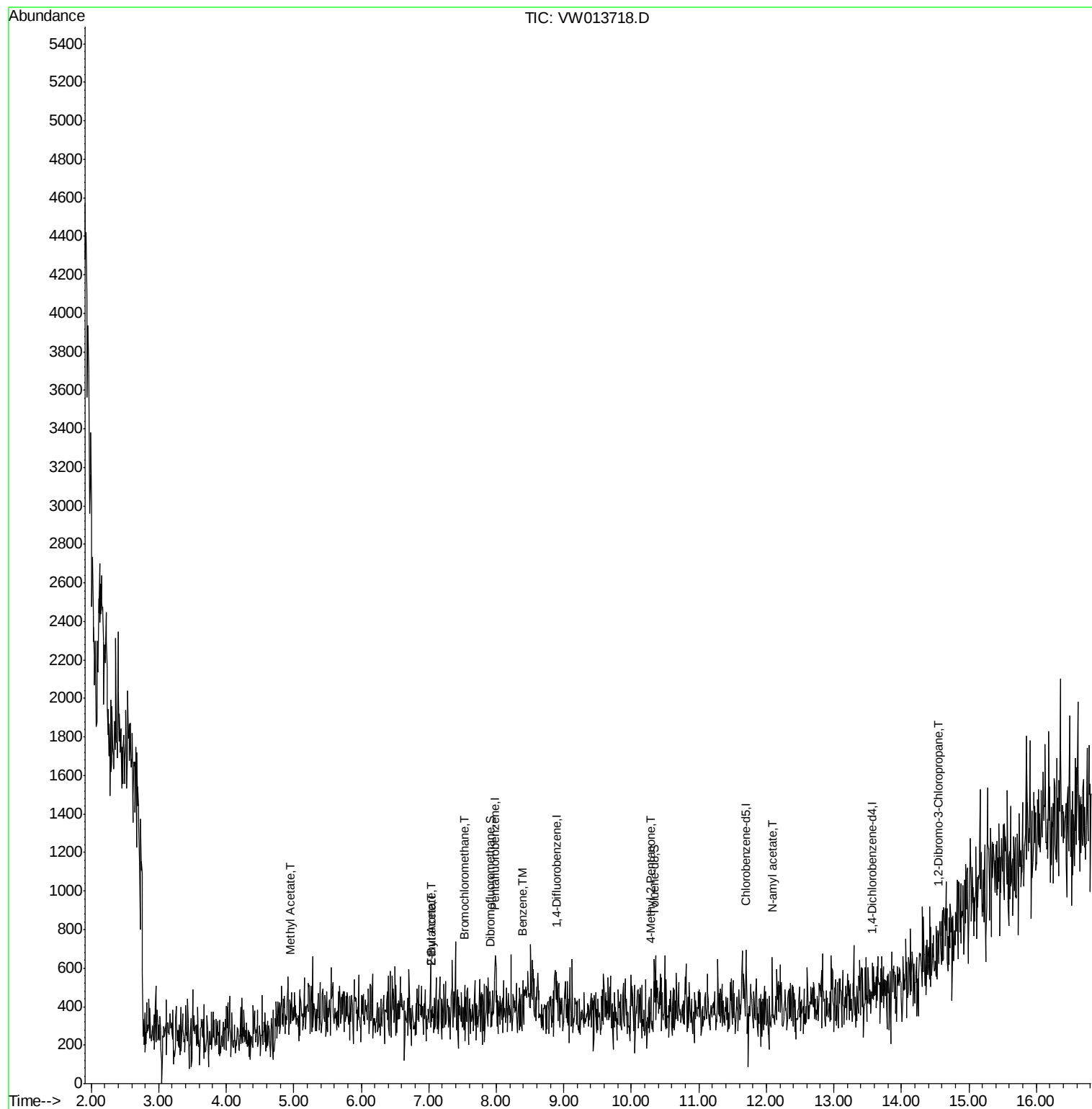
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	247	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.88	114	326	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.69	117	65	50.00	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	13.55	152	20	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000					
			Recovery	=	0.00%	
35) Dibromofluoromethane	7.91	113	82	45.27	ug/l	0.02
Spiked Amount	50.000					
			Recovery	=	90.54%	
50) Toluene-d8	10.34	98	252	34.14	ug/l	0.01
Spiked Amount	50.000					
			Recovery	=	68.28%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000					
			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.95	43	23	21.356	ug/l #	50
25) 2-Butanone	7.04	43	21	37.179	ug/l #	45
28) Bromochloromethane	7.53	49	25	18.694	ug/l #	7
37) Ethyl Acetate	7.04	43	21	18.069	ug/l #	67
40) Benzene	8.39	78	20	2.328	ug/l #	51
51) 4-Methyl-2-Pentanone	10.29	43	20	18.092	ug/l #	35
74) N-amyl acetate	12.09	43	51	183.563	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.54	75	51	1488.055	ug/l #	1

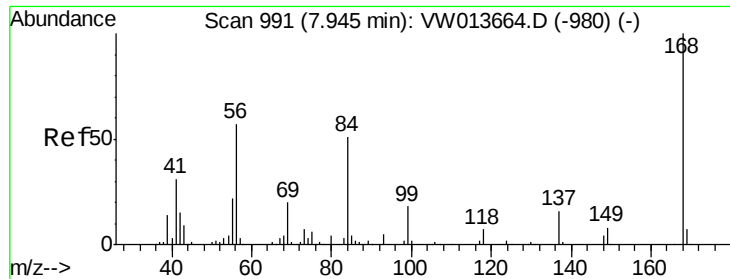
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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184-98-(2.2)RE

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 996

Delta R.T. 0.03 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

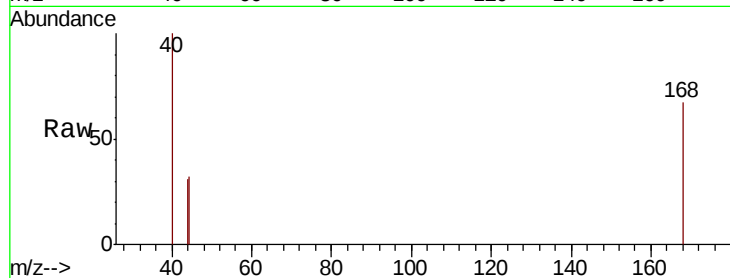
184-98-(2.2)RE

Tot Ion:168 Resp: 247

Ion Ratio Lower Upper

168 100

99 0.0 39.0 58.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.98

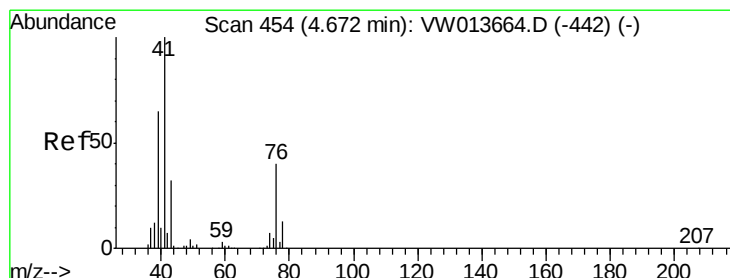
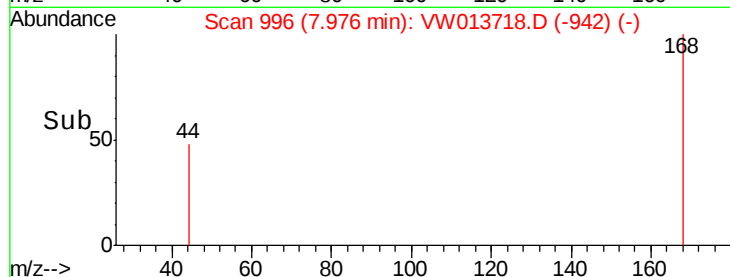
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 21.356 ug/l

RT: 4.95 min Scan# 500

Delta R.T. 0.28 min

Lab File: VW013718.D

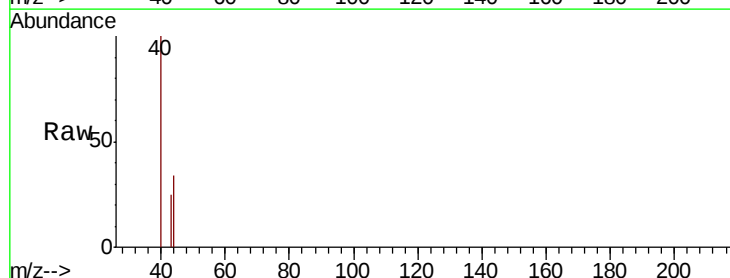
Acq: 24 Oct 2019 18:28

Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.95

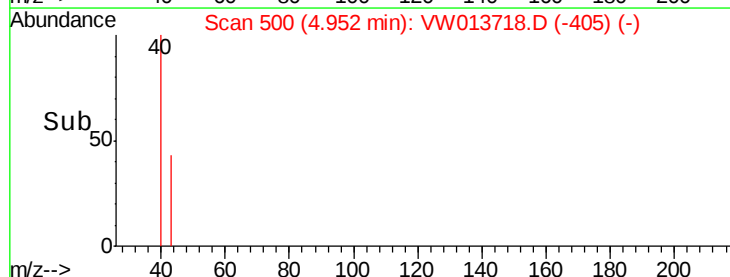
60

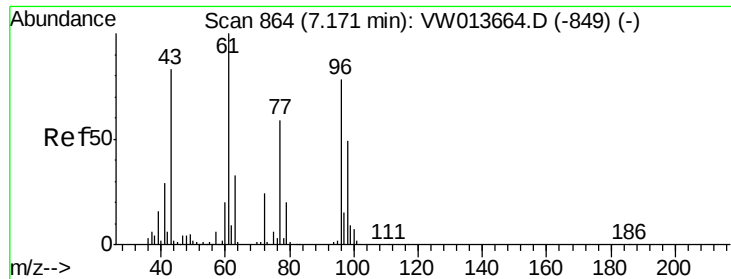
40

20

0

Time-->





#25

2-Butanone

Concen: 37.179 ug/l

RT: 7.04 min Scan# 842

Delta R.T. -0.13 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

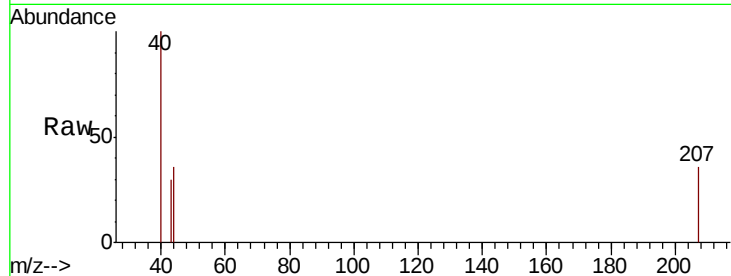
184-98-(2.2)RE

Tot Ion: 43 Resp: 21

Ion Ratio Lower Upper

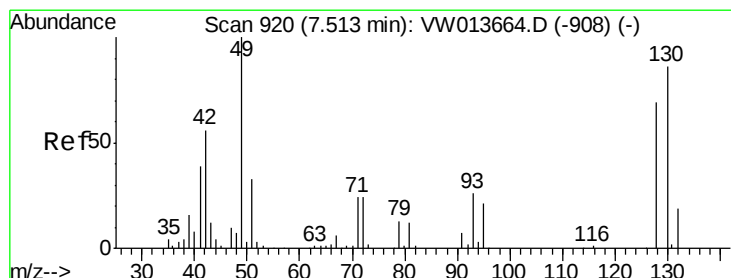
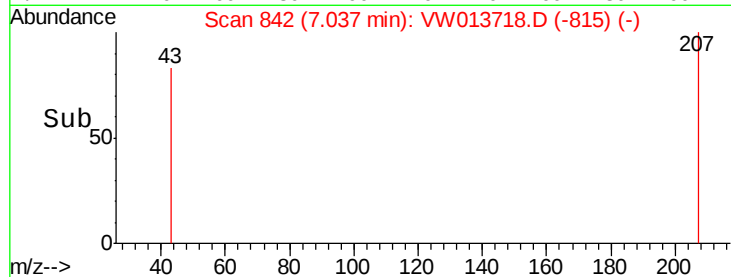
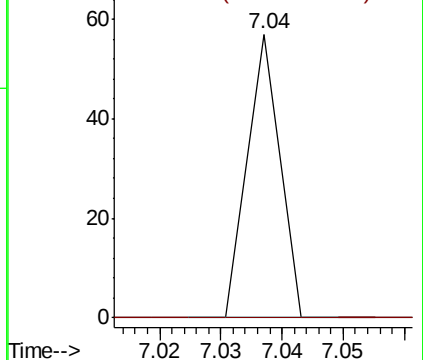
43 100

72 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#28

Bromochloromethane

Concen: 18.694 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.02 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

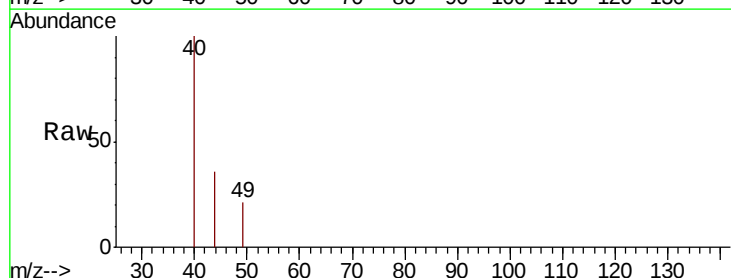
Tgt Ion: 49 Resp: 25

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

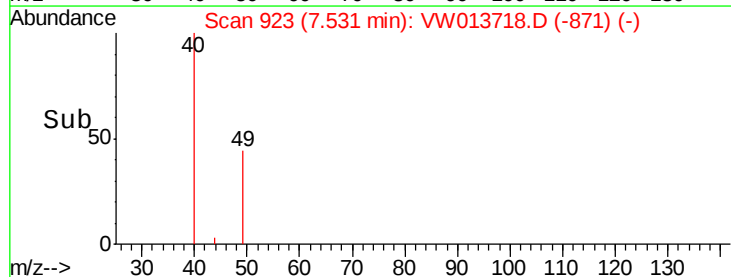
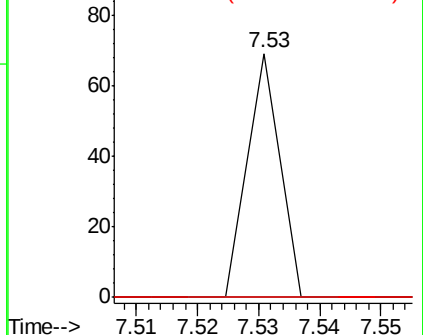
130 0.0 67.5 101.3#

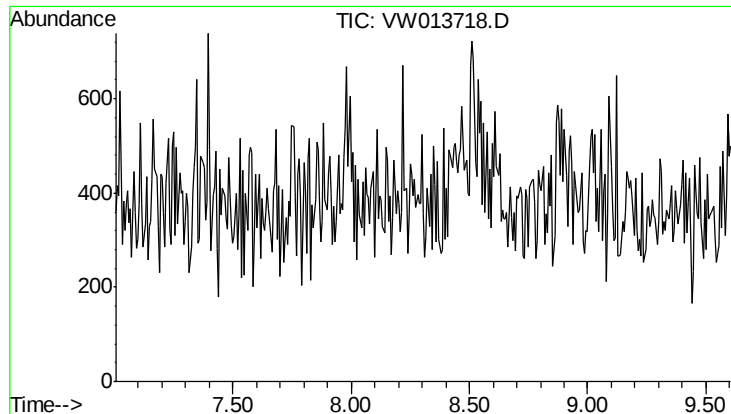


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

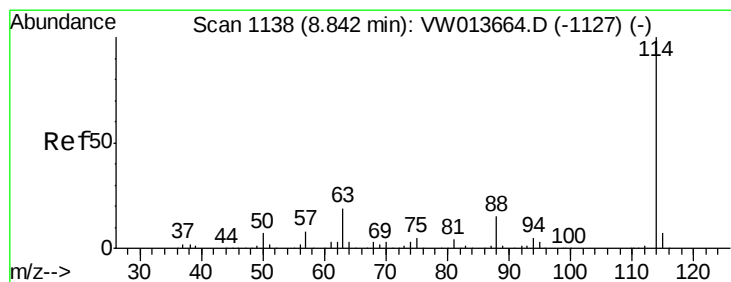
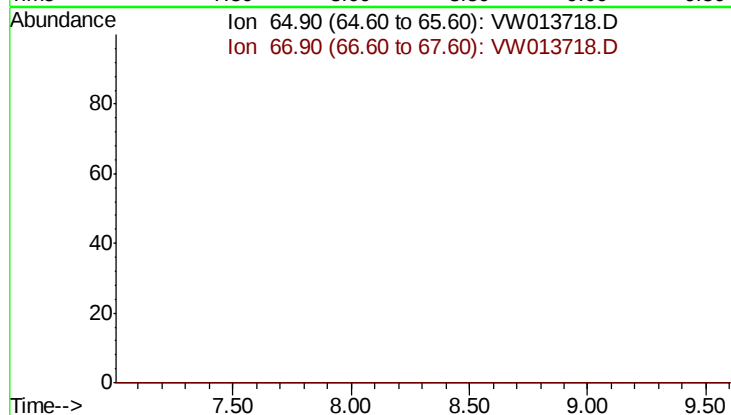




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.31 min
 Lab File: VW013718.D
 Acq: 24 Oct 2019 18:28

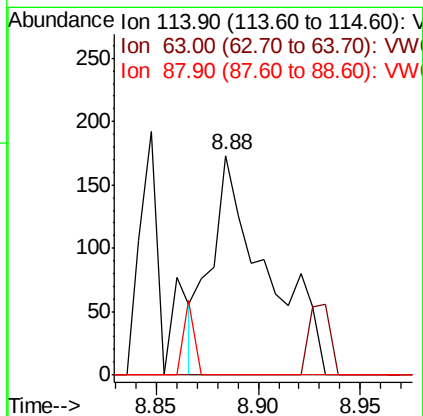
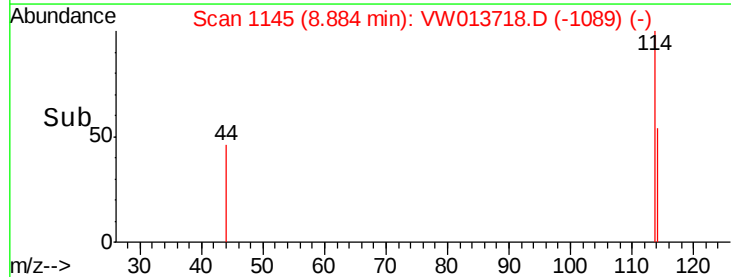
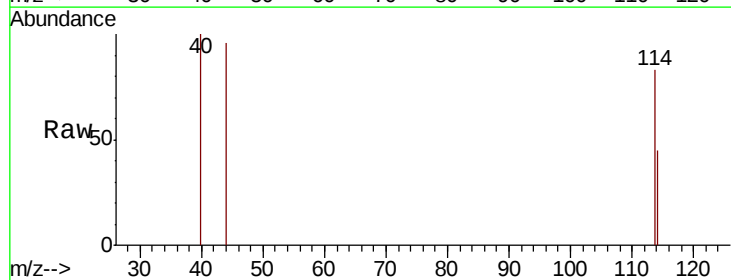
Instrument :
 MSVOA_W
 ClientSampleId :
 184-98-(2.2)RE

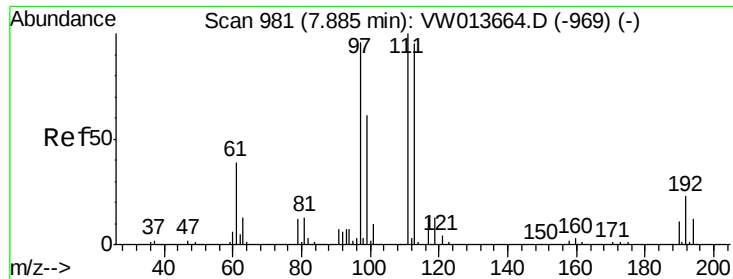
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 54.7



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.88 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: VW013718.D
 Acq: 24 Oct 2019 18:28

Tgt Ion:114 Resp: 326
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 37.6
 88 0.0 0.0 30.2

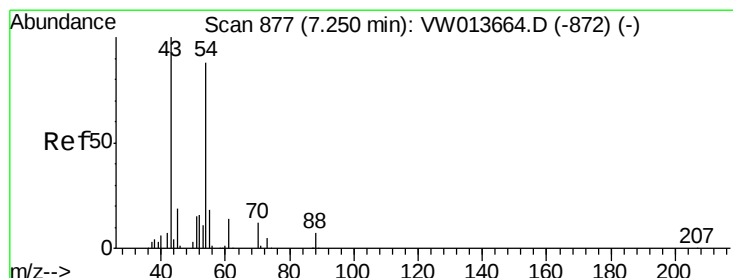
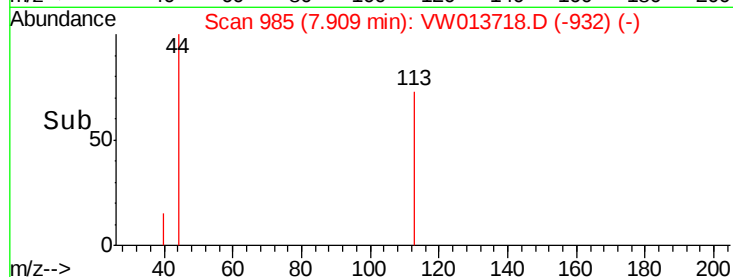
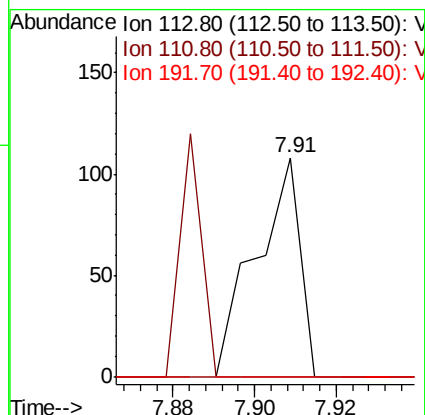
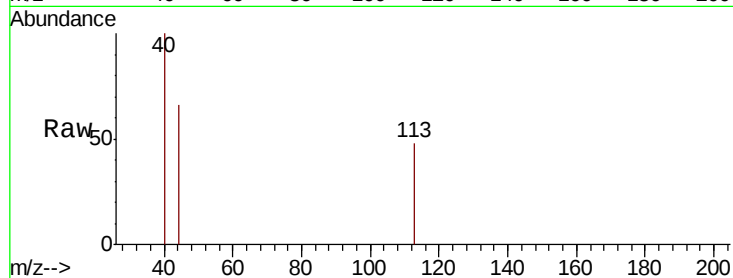




#35
 Dibromofluoromethane
 Concen: 45.268 ug/l
 RT: 7.91 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: VW013718.D
 Acq: 24 Oct 2019 18:28

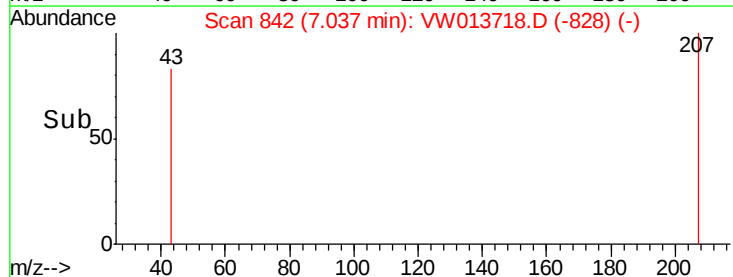
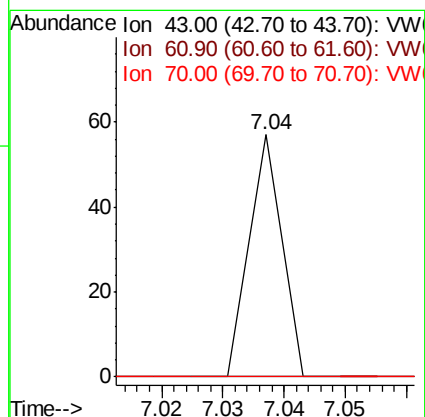
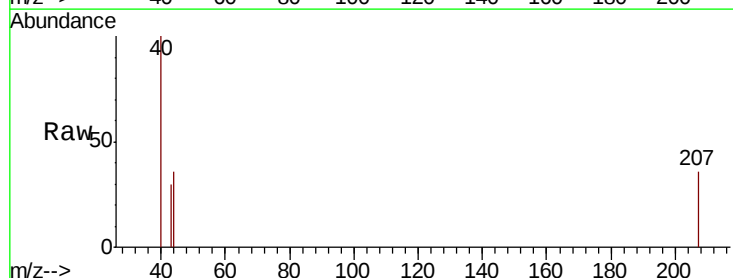
Instrument :
 MSVOA_W
 ClientSampleId :
 184-98-(2.2)RE

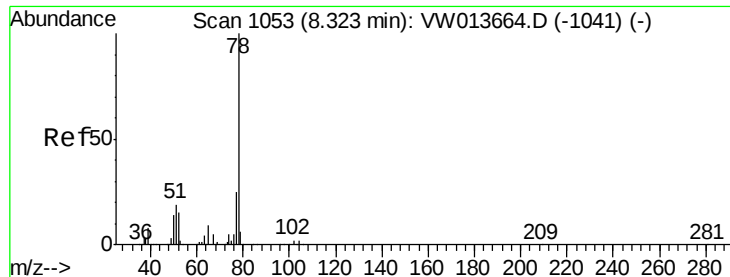
Tot Ion	Ratio	Lower	Upper
113	100		
111	0.0	83.0	124.6#
192	0.0	19.4	29.2#



#37
 Ethyl Acetate
 Concen: 18.069 ug/l
 RT: 7.04 min Scan# 842
 Delta R.T. -0.21 min
 Lab File: VW013718.D
 Acq: 24 Oct 2019 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.8	13.2#





#40

Benzene

Concen: 2.328 ug/l

RT: 8.39 min Scan# 1064

Delta R.T. 0.07 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

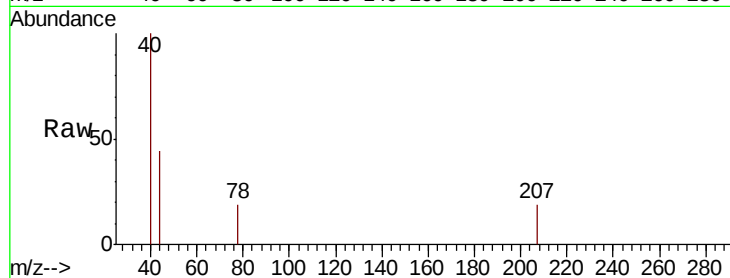
184-98-(2.2)RE

Tot Ion: 78 Resp: 20

Ion Ratio Lower Upper

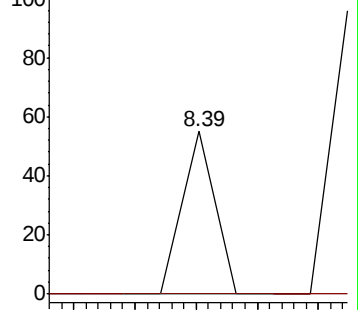
78 100

77 0.0 19.6 29.4#

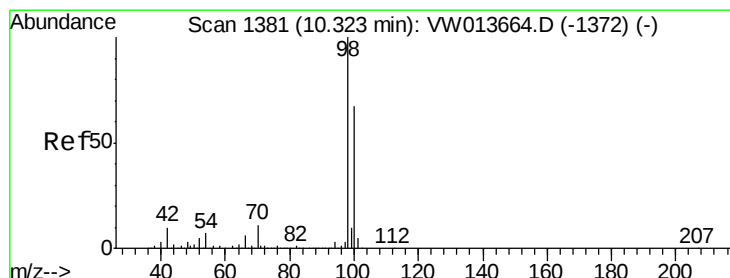
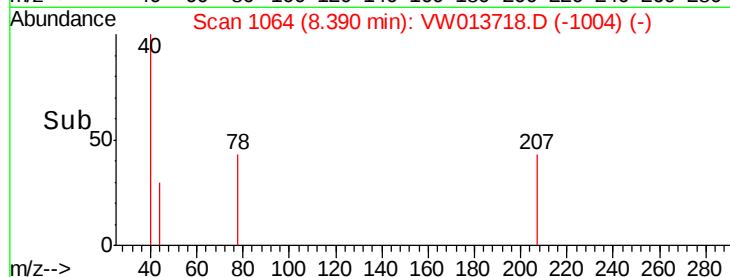


Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#50

Toluene-d8

Concen: 34.141 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW013718.D

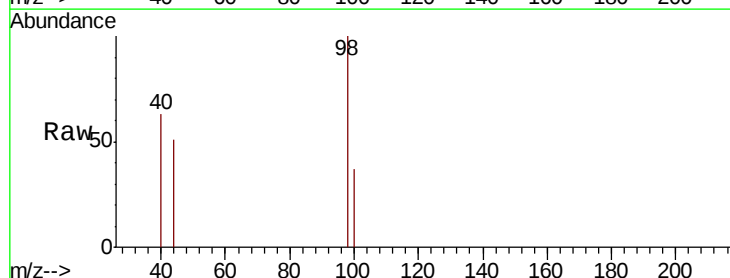
Acq: 24 Oct 2019 18:28

Tgt Ion: 98 Resp: 252

Ion Ratio Lower Upper

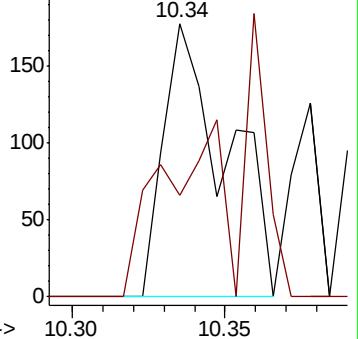
98 100

100 61.5 53.4 80.0

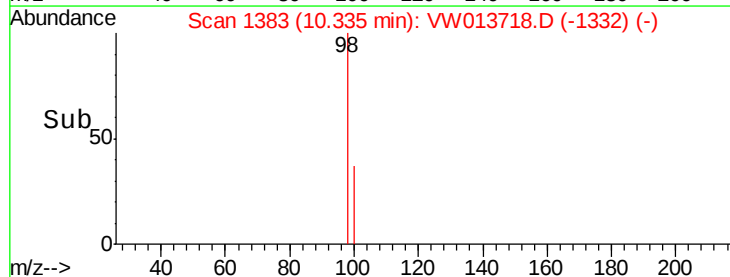


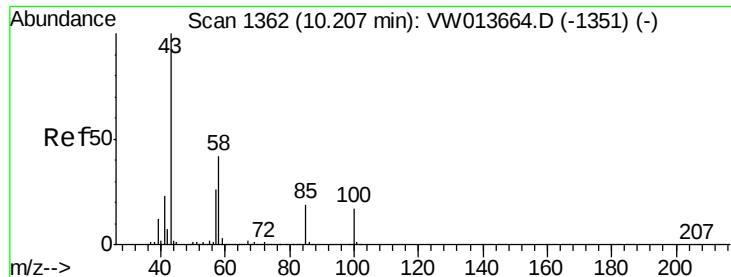
Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->





#51

4-Methyl-2-Pentanone

Concen: 18.092 ug/l

RT: 10.29 min Scan# 1375

Delta R.T. 0.08 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

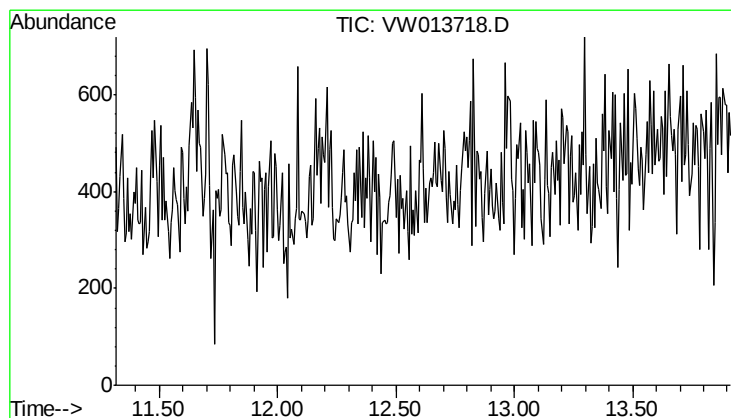
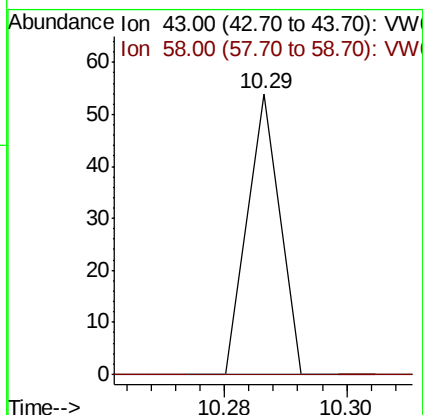
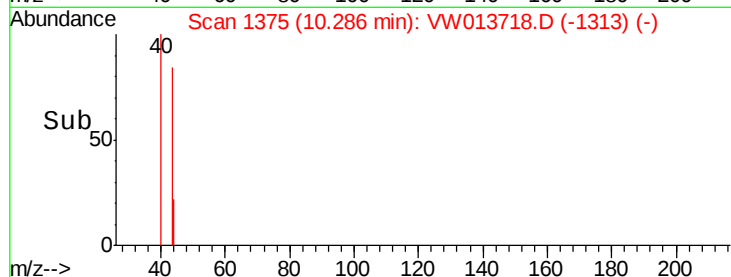
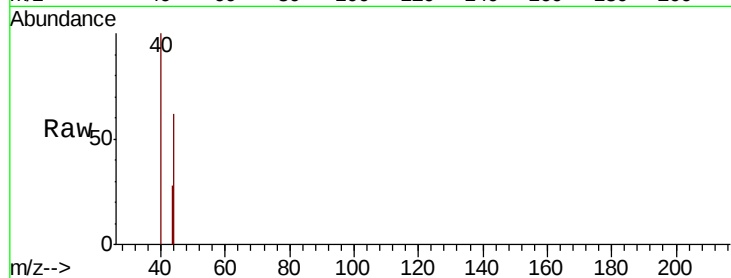
184-98-(2.2)RE

Tot Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

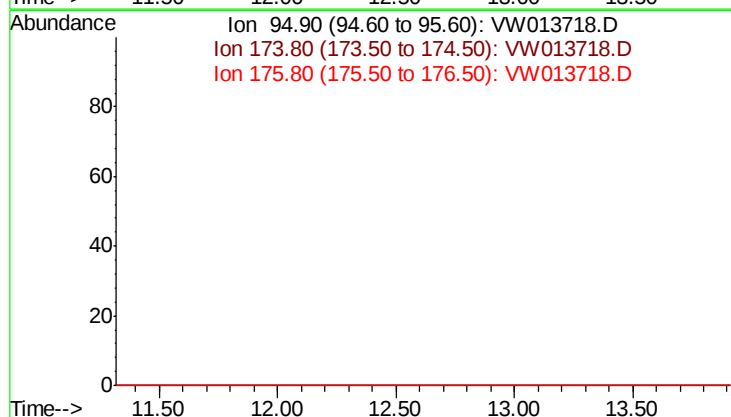
Tgt Ion: 95

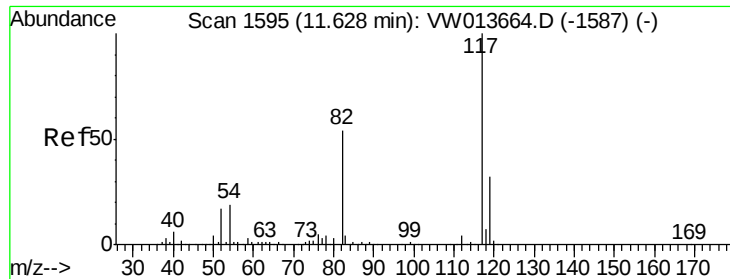
Sig Exp Ratio

95 100

174 91.8

176 89.0

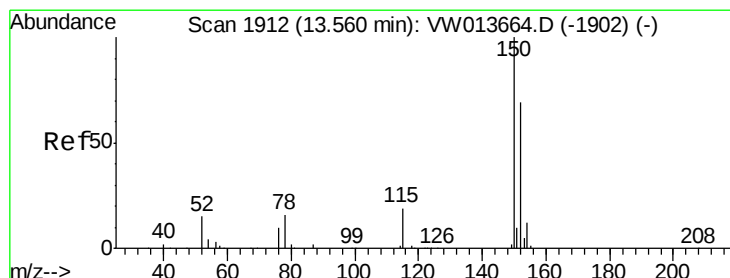
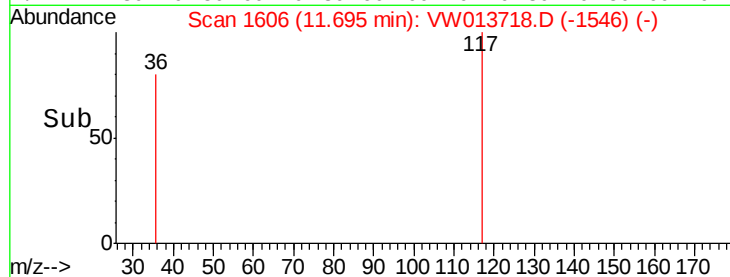
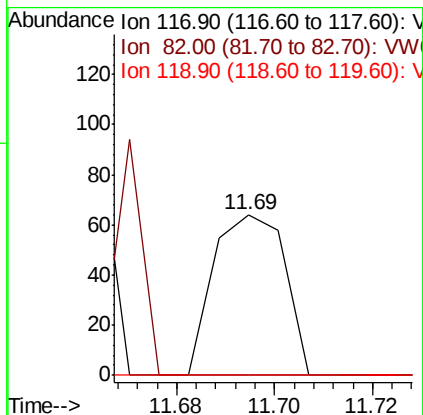
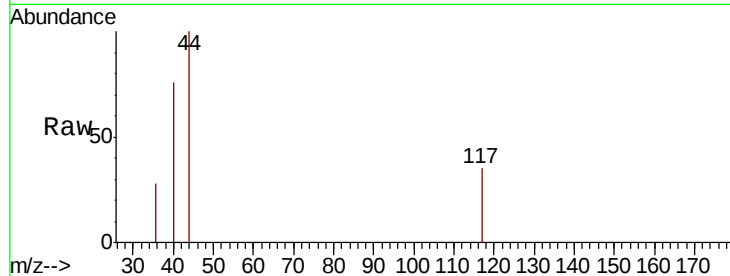




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.69 min Scan# 1606
Delta R.T. 0.07 min
Lab File: VW013718.D
Acq: 24 Oct 2019 18:28

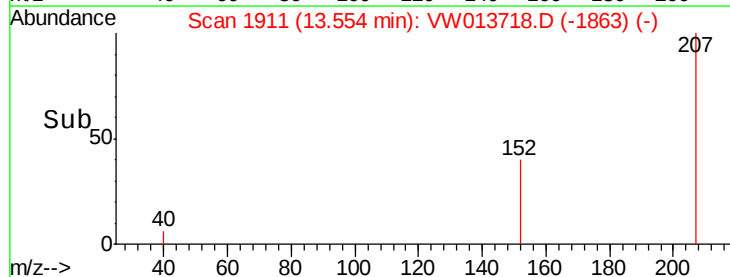
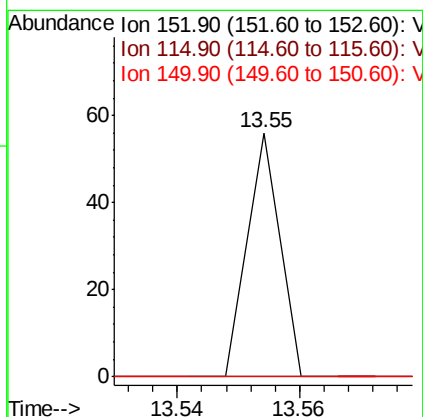
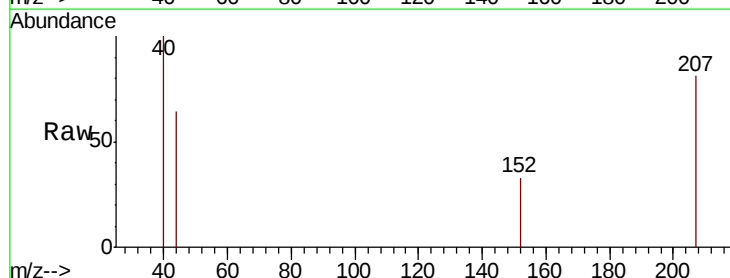
Instrument :
MSVOA_W
ClientSampleId :
184-98-(2.2)RE

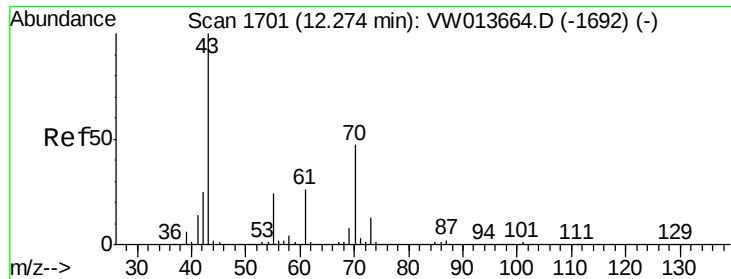
Tot Ion:117 Resp: 65
Ion Ratio Lower Upper
117 100
82 0.0 43.6 65.4#
119 0.0 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013718.D
Acq: 24 Oct 2019 18:28

Tgt Ion:152 Resp: 20
Ion Ratio Lower Upper
152 100
115 0.0 27.4 82.2#
150 0.0 0.0 345.4





#74

N-amvl acetate

Concen: 183.563 ug/l

RT: 12.09 min Scan# 1671

Delta R.T. -0.18 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

184-98-(2.2)RE

Tot Ion: 43 Resp: 51

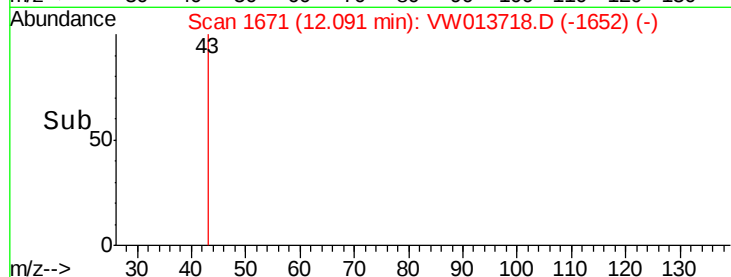
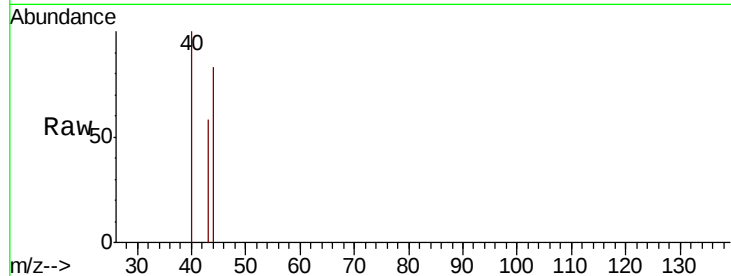
Ion Ratio Lower Upper

43 100

70 0.0 36.6 55.0#

55 0.0 20.3 30.5#

61 0.0 20.4 30.6#

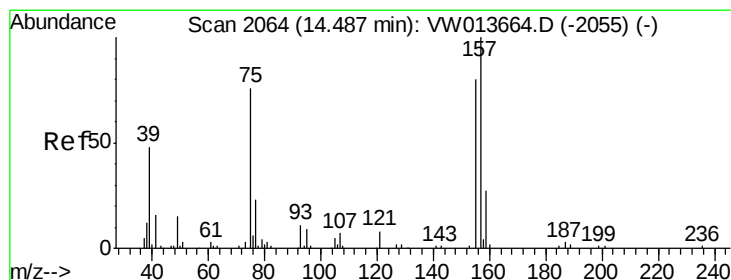
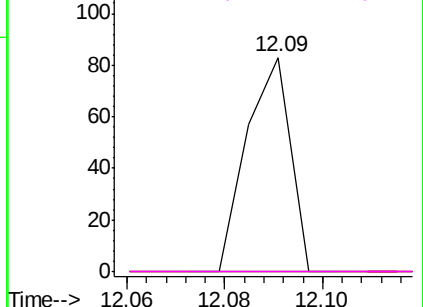


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#92

1,2-Dibromo-3-Chloropropane

Concen: 1488.055 ug/l

RT: 14.54 min Scan# 2073

Delta R.T. 0.05 min

Lab File: VW013718.D

Acq: 24 Oct 2019 18:28

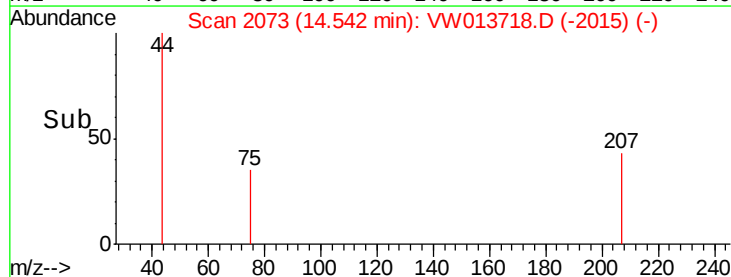
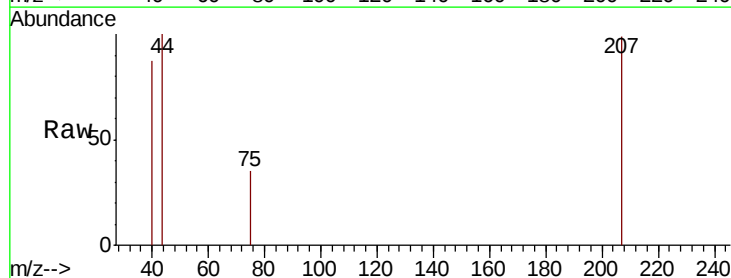
Tgt Ion: 75 Resp: 51

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

