

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005884.D
 Acq On : 05 Oct 2018 06:58
 Operator : SY/AP
 Sample : J5205-01RE
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-100418RE

Quant Time: Oct 05 07:29:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.83	114	20	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.64	117	165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86	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	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.32	98	57	109.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.02%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

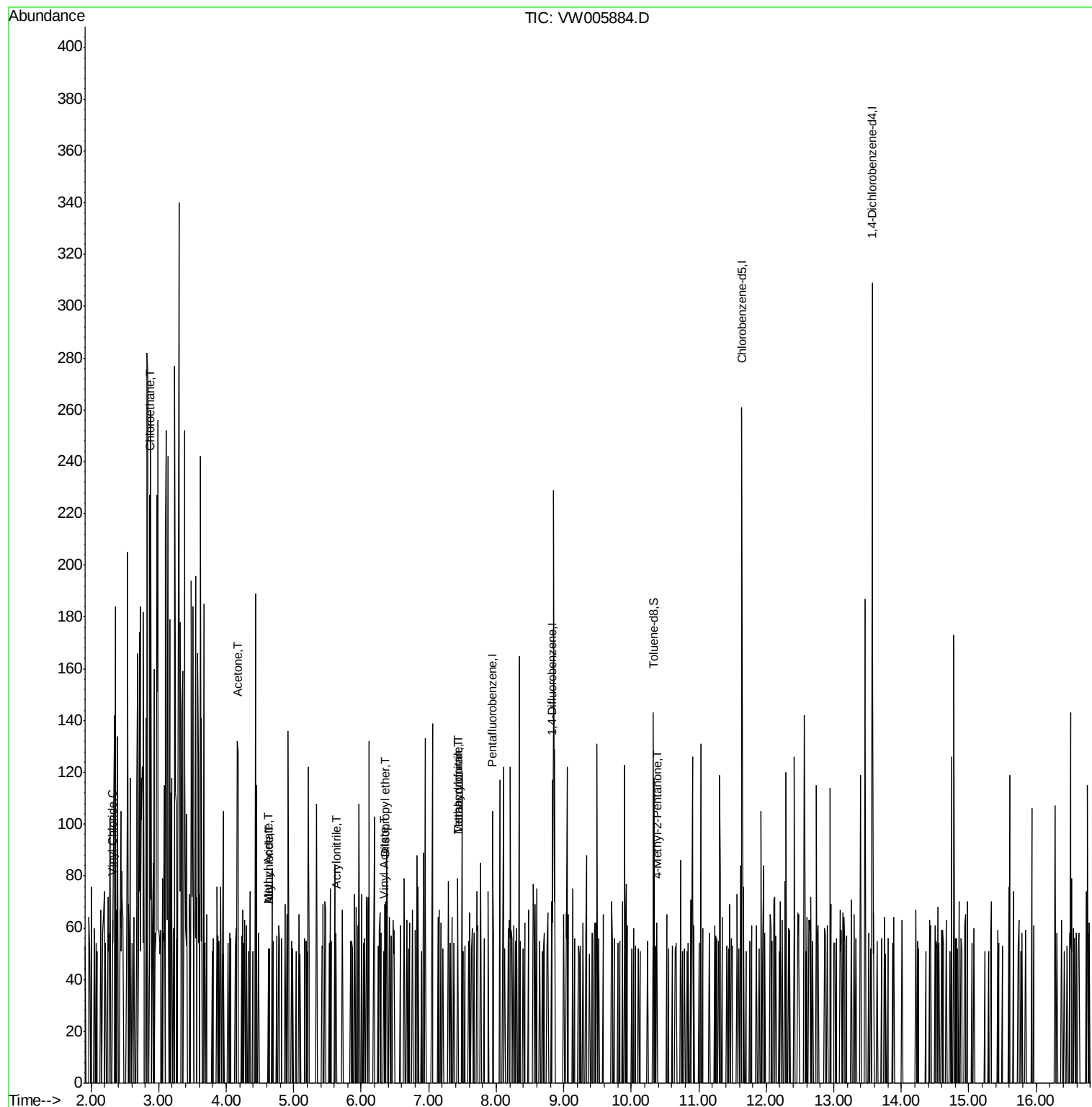
						Qvalue
4) Vinyl Chloride	2.32	62	23	25.082	ug/l #	43
6) Chloroethane	2.87	64	42	74.888	ug/l #	43
14) Allyl chloride	4.64	41	19	13.699	ug/l #	20
15) Acrylonitrile	5.63	53	22	108.559	ug/l #	17
16) Acetone	4.17	43	25	135.693	ug/l #	46
18) Methyl Acetate	4.62	43	19	36.262	ug/l #	51
22) Diisopropyl ether	6.36	45	26	9.552	ug/l #	36
23) Vinyl Acetate	6.34	43	20	12.934	ug/l #	73
29) Tetrahydrofuran	7.43	42	29	181.260	ug/l #	33
41) Methacrylonitrile	7.43	41	20	404.512	ug/l #	24
51) 4-Methyl-2-Pentanone	10.38	43	42	493.643	ug/l #	37

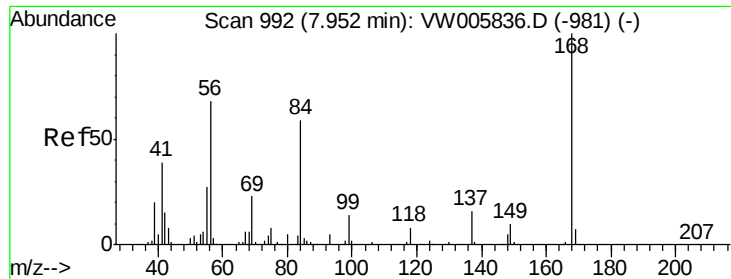
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 04 07:08:57 2018
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: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

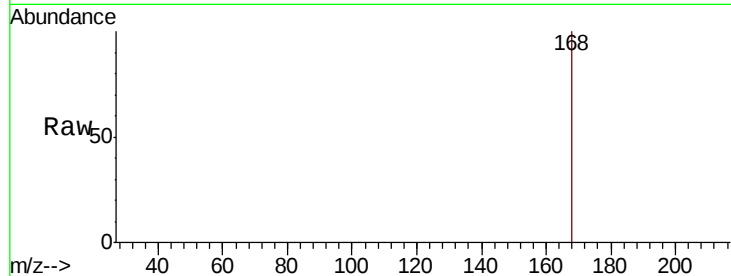
TR-05-100418RE

Tot Ion:168 Resp: 91

Ion Ratio Lower Upper

168 100

99 0.0 45.4 68.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100

80

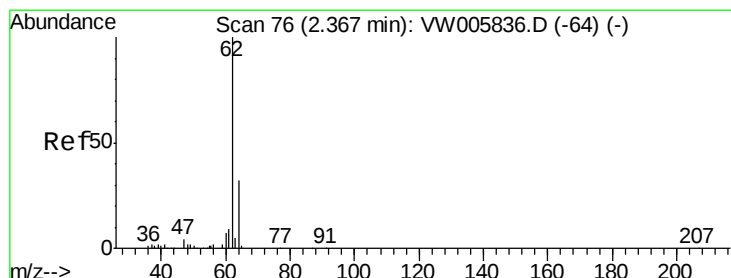
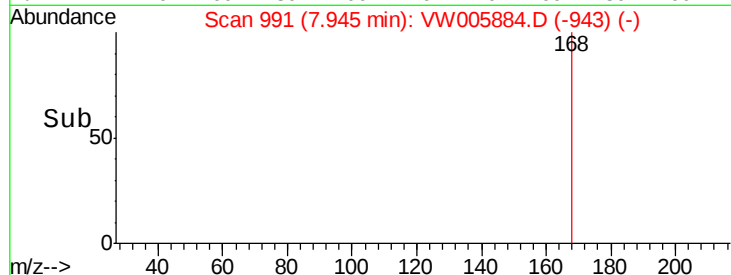
60

40

20

0

Time--> 7.90 7.92 7.94 7.96



#4

Vinyl Chloride

Concen: 25.082 ug/l

RT: 2.32 min Scan# 68

Delta R.T. -0.05 min

Lab File: VW005884.D

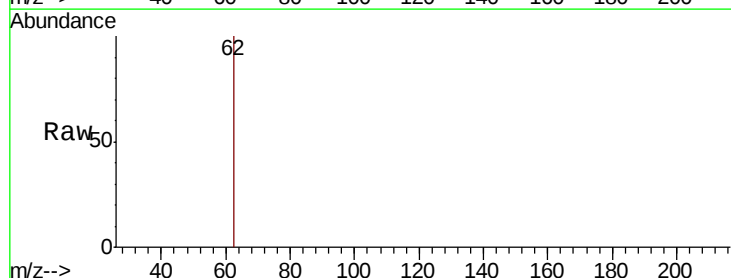
Acq: 05 Oct 2018 06:58

Tgt Ion: 62 Resp: 23

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.32

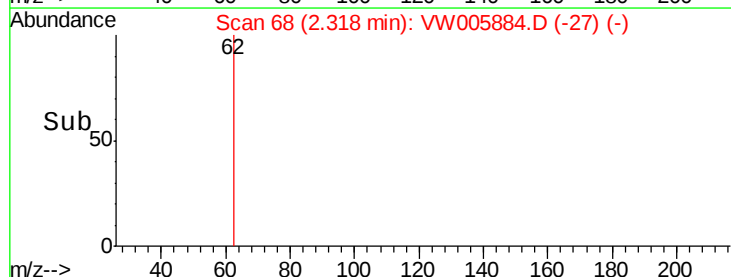
60

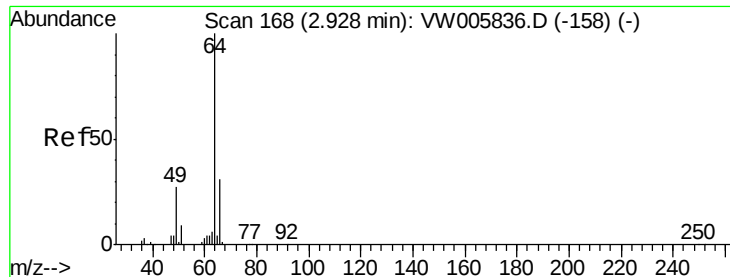
40

20

0

Time--> 2.30 2.31 2.32 2.33





#6

Chloroethane

Concen: 74.888 ug/l

RT: 2.87 min Scan# 158

Delta R.T. -0.06 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

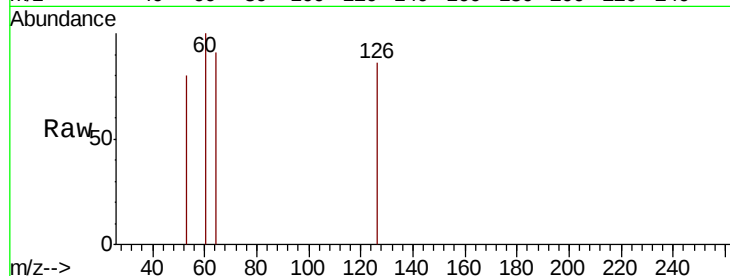
TR-05-100418RE

Tot Ion: 64 Resp: 42

Ion Ratio Lower Upper

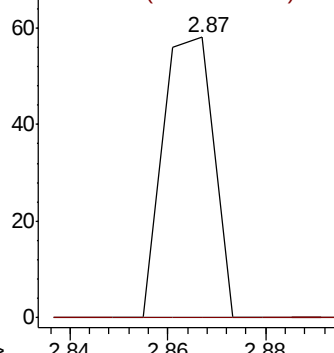
64 100

66 0.0 25.0 37.6#

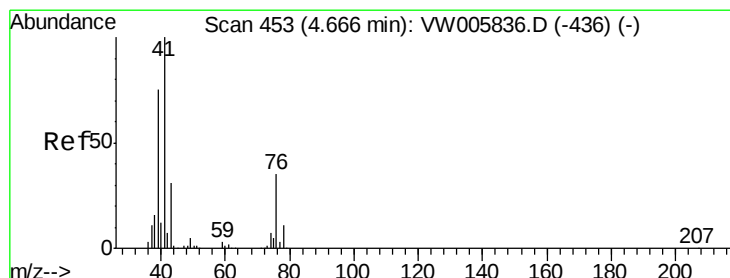
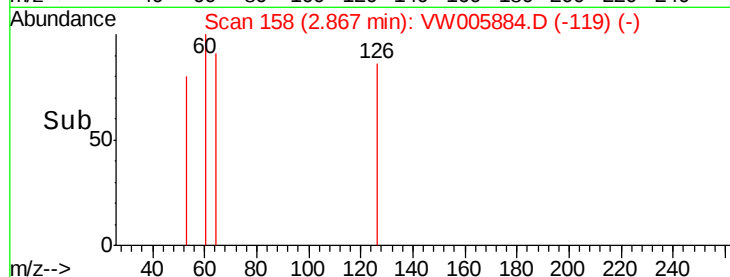


Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->



#14

Allyl chloride

Concen: 13.699 ug/l

RT: 4.64 min Scan# 449

Delta R.T. -0.02 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

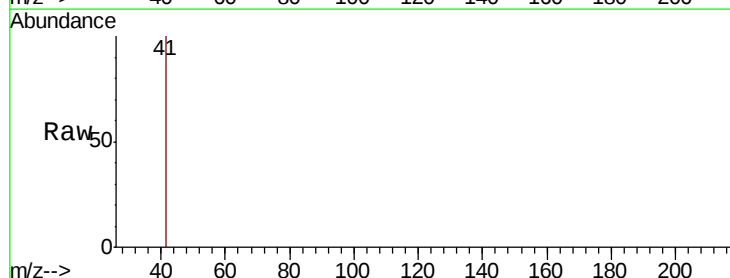
Tgt Ion: 41 Resp: 19

Ion Ratio Lower Upper

41 100

39 0.0 60.3 90.5#

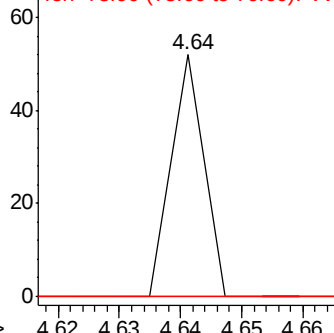
76 0.0 28.9 43.3#



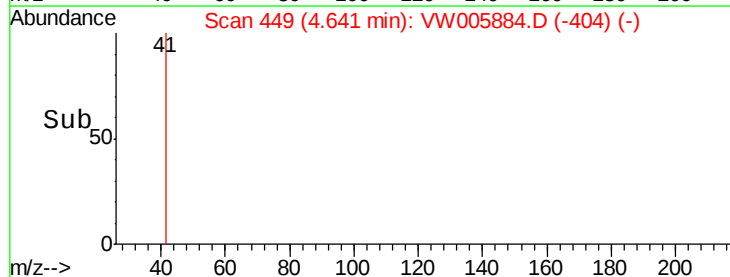
Abundance Ion 41.00 (40.70 to 41.70): VW

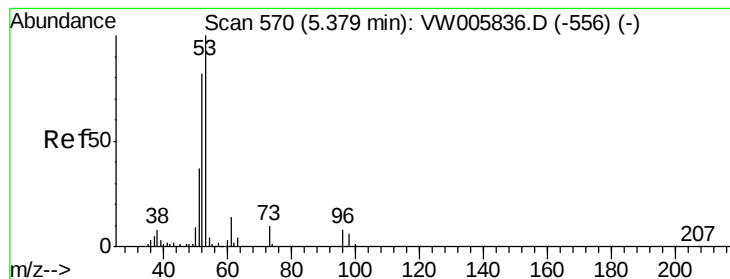
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 108.559 ug/l

RT: 5.63 min Scan# 611

Delta R.T. 0.25 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

TR-05-100418RE

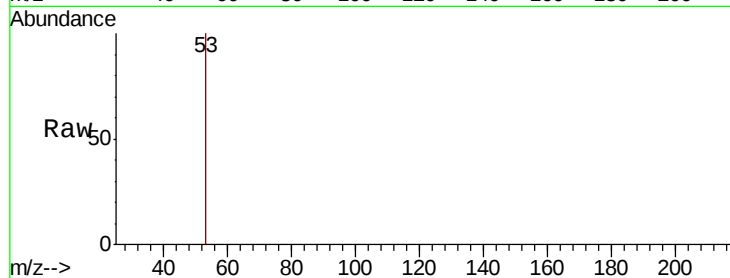
Tot Ion: 53 Resp: 22

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

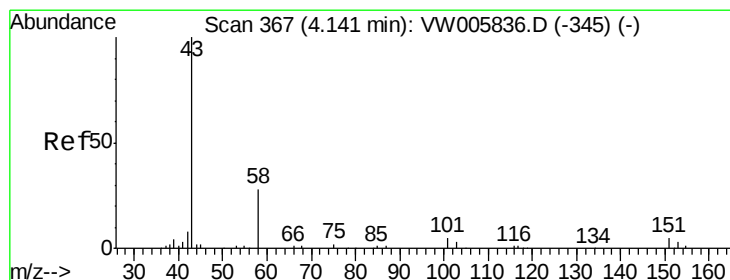
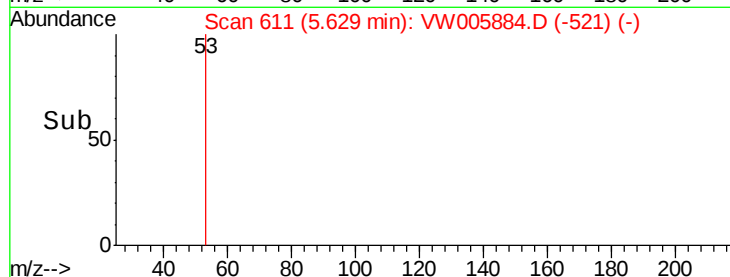
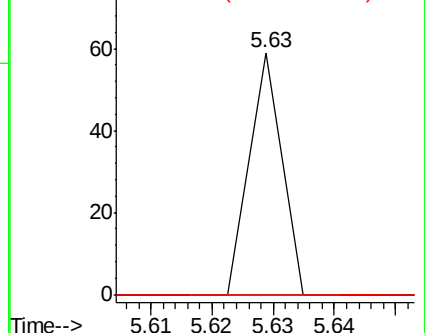
51 0.0 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 135.693 ug/l

RT: 4.17 min Scan# 372

Delta R.T. 0.03 min

Lab File: VW005884.D

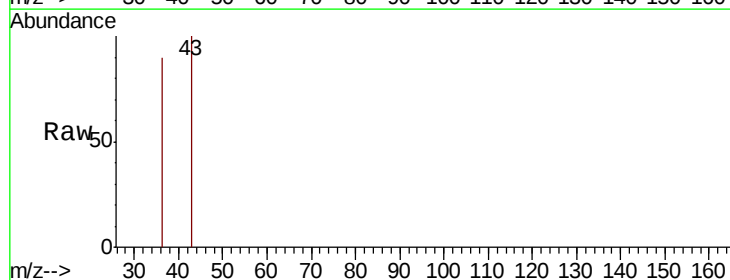
Acq: 05 Oct 2018 06:58

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

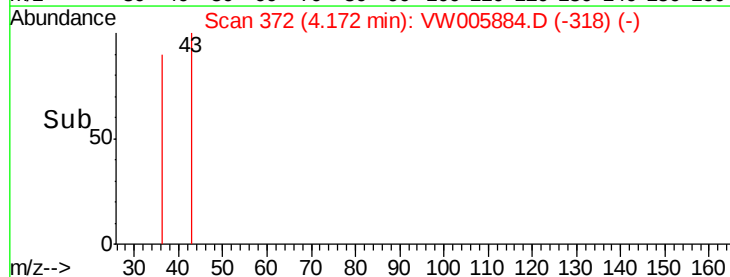
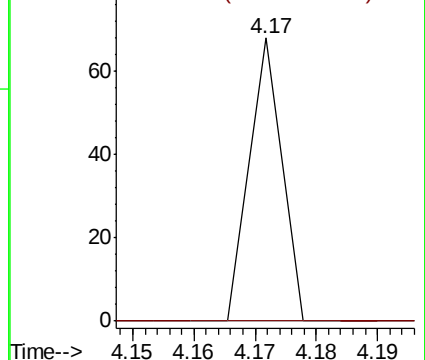
43 100

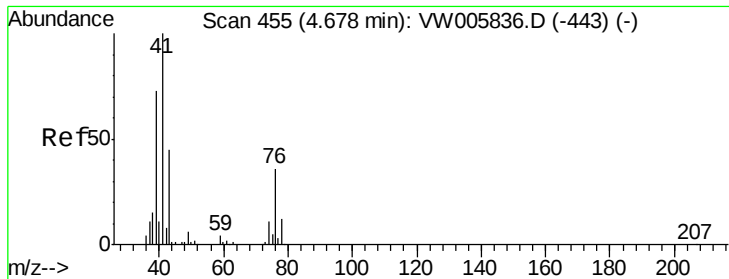
58 0.0 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

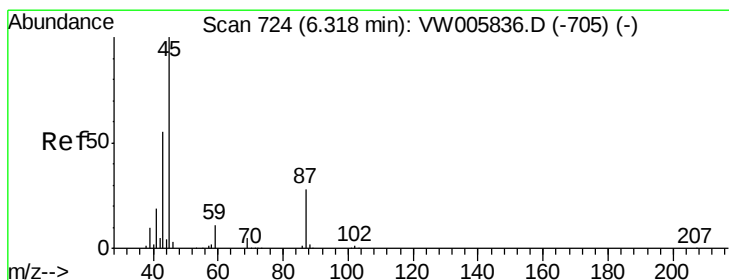
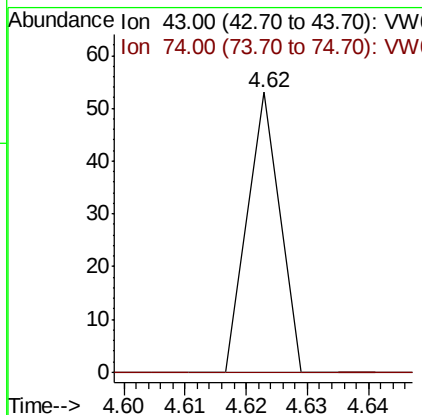
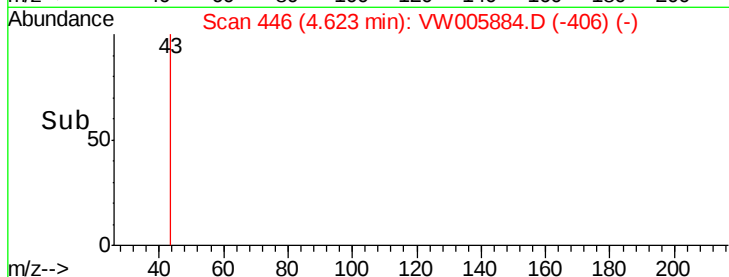
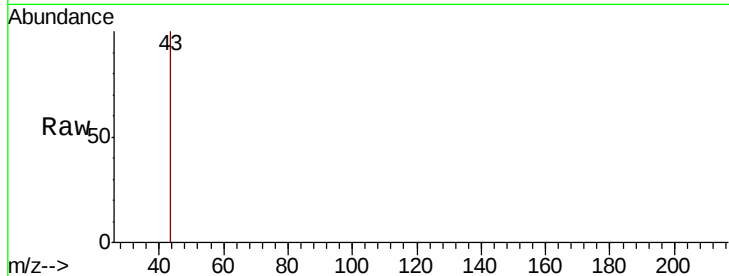




#18
Methyl Acetate
Concen: 36.262 ug/l
RT: 4.62 min Scan# 446
Delta R.T. -0.05 min
Lab File: VW005884.D
Acq: 05 Oct 2018 06:58

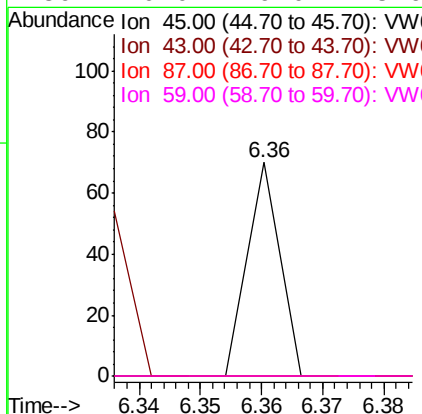
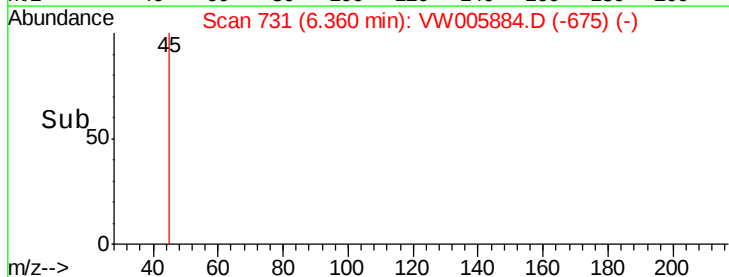
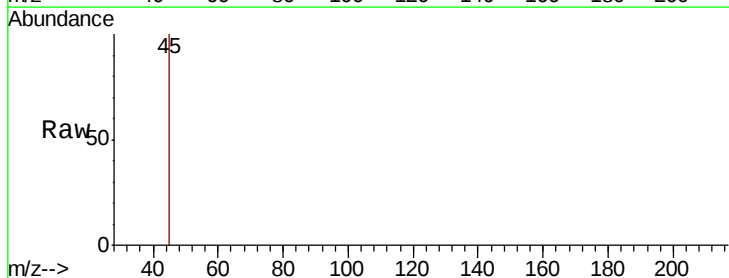
Instrument :
MSVOA_W
ClientSampleId :
TR-05-100418RE

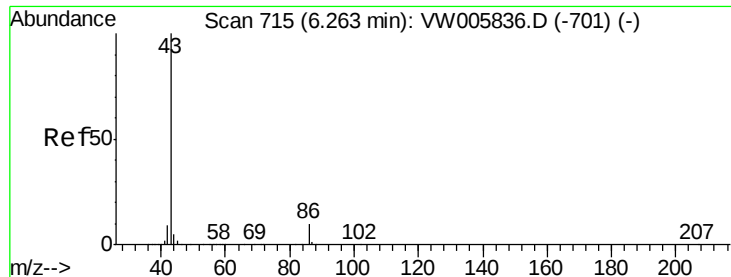
Tot Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#22
Diisopropyl ether
Concen: 9.552 ug/l
RT: 6.36 min Scan# 731
Delta R.T. 0.04 min
Lab File: VW005884.D
Acq: 05 Oct 2018 06:58

Tgt Ion: 45 Resp: 26
Ion Ratio Lower Upper
45 100
43 0.0 44.6 67.0#
87 0.0 23.4 35.2#
59 0.0 9.0 13.6#





#23

Vinyl Acetate

Concen: 12.934 ug/l

RT: 6.34 min Scan# 727

Delta R.T. 0.07 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

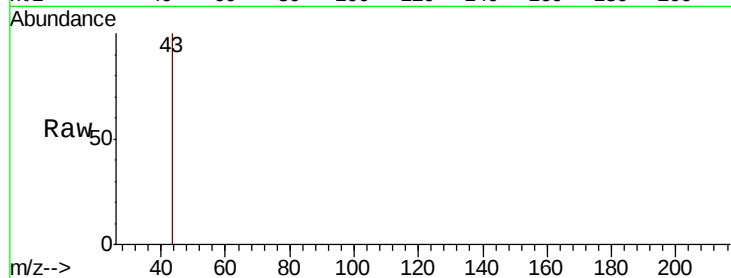
TR-05-100418RE

Tot Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.34

60

50

40

30

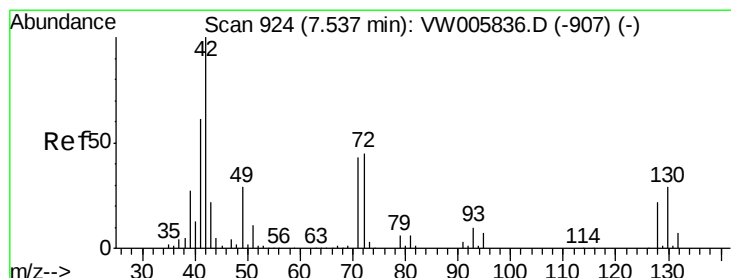
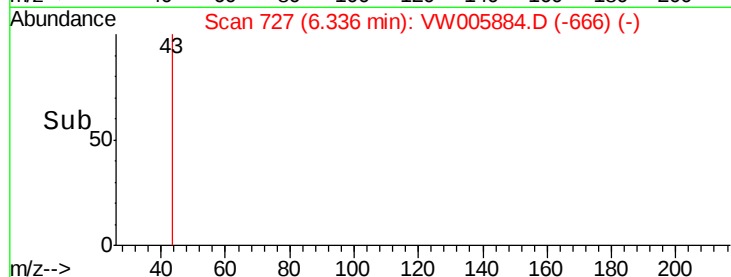
20

10

0

6.32 6.33 6.34 6.35

Time-->



#29

Tetrahydrofuran

Concen: 181.260 ug/l

RT: 7.43 min Scan# 907

Delta R.T. -0.10 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

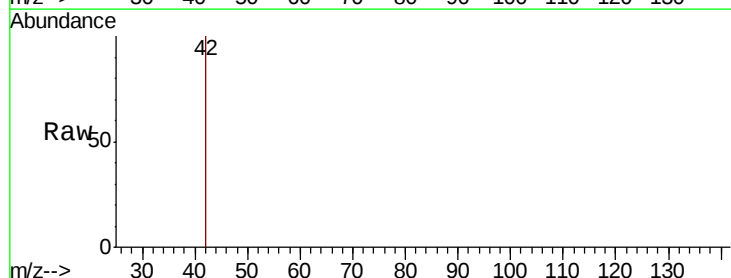
Tgt Ion: 42 Resp: 29

Ion Ratio Lower Upper

42 100

72 0.0 34.6 51.8#

71 0.0 33.6 50.4#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

100

80

60

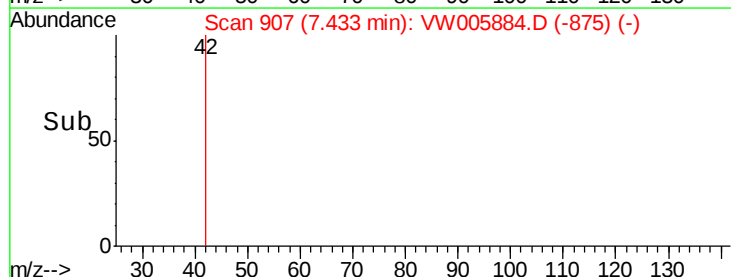
40

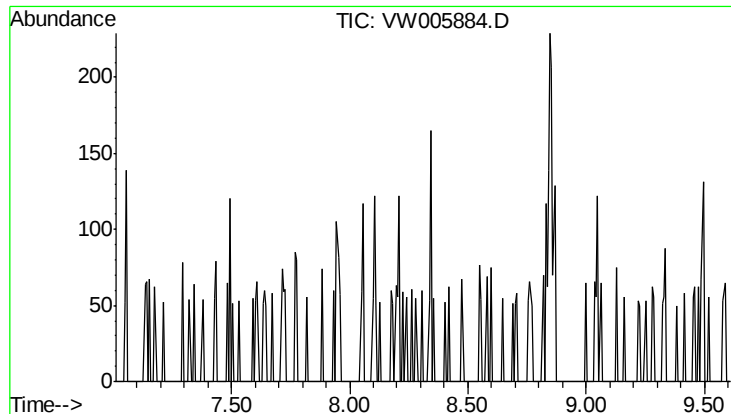
20

0

7.41 7.42 7.43 7.44 7.45

Time-->

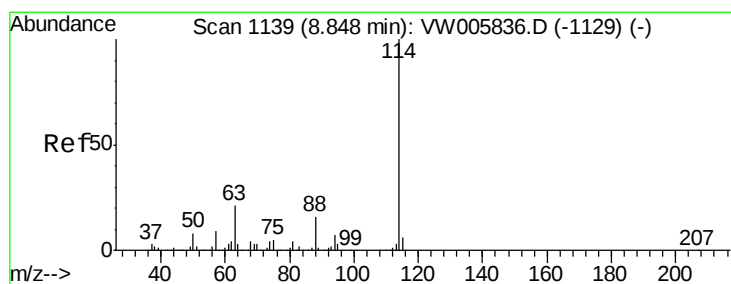
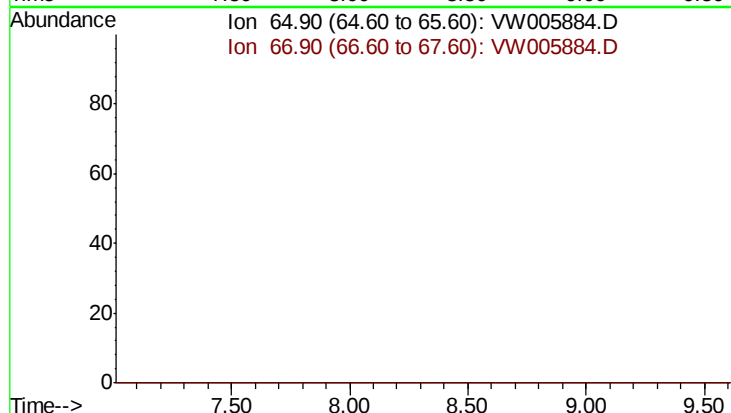




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.31 min
 Lab File: VW005884.D
 Acq: 05 Oct 2018 06:58

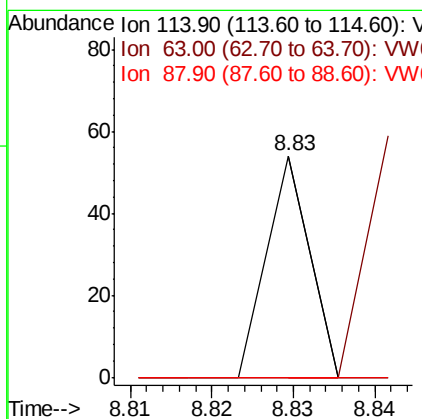
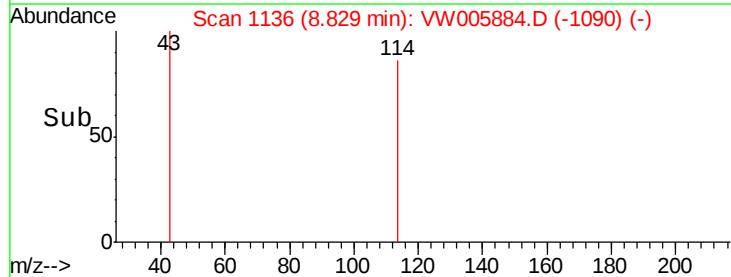
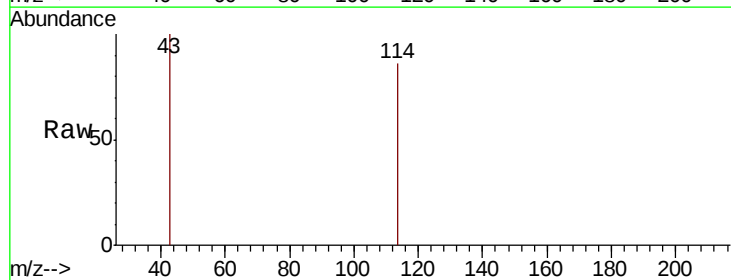
Instrument :
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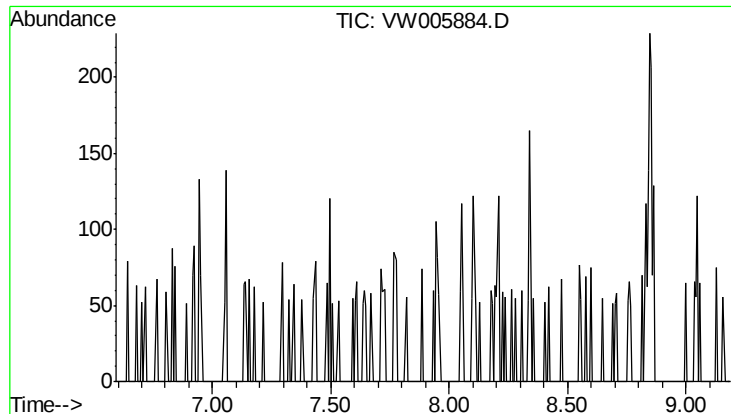
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 49.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.83 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: VW005884.D
 Acq: 05 Oct 2018 06:58

Tgt Ion: 114 Resp: 20
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 42.0
 88 0.0 0.0 31.2

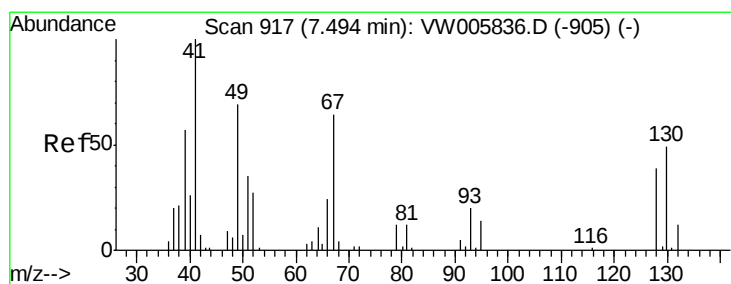
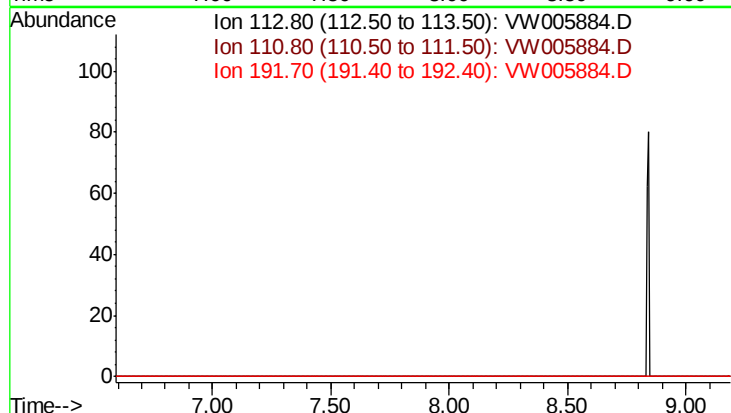




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW005884.D
 Acq: 05 Oct 2018 06:58

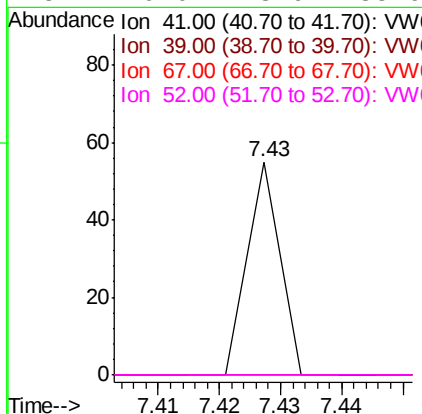
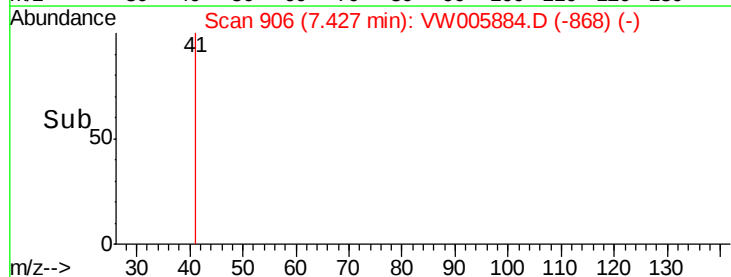
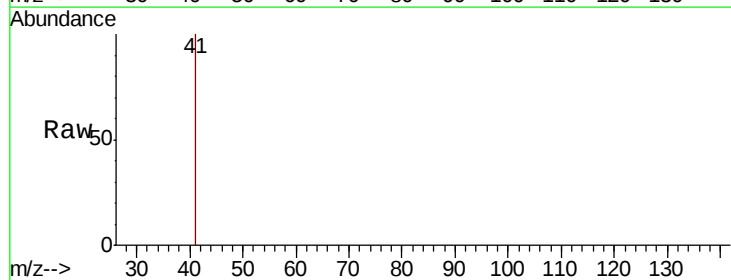
Instrument :
 MSVOA_W
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 TR-05-100418RE

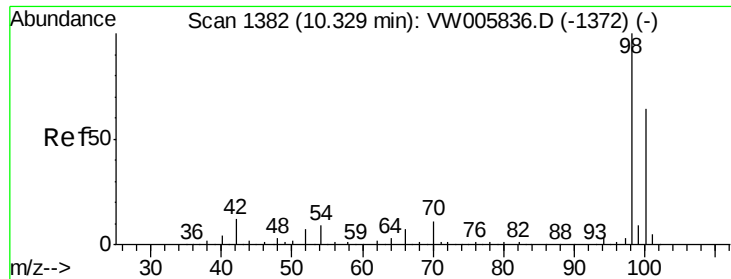
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 101.8
 192 21.6



#41
 Methacrylonitrile
 Concen: 404.512 ug/l
 RT: 7.43 min Scan# 906
 Delta R.T. -0.07 min
 Lab File: VW005884.D
 Acq: 05 Oct 2018 06:58

Tgt Ion: 41 Resp: 20
 Ion Ratio Lower Upper
 41 100
 39 0.0 45.6 68.4#
 67 0.0 53.6 80.4#
 52 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 109.507 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

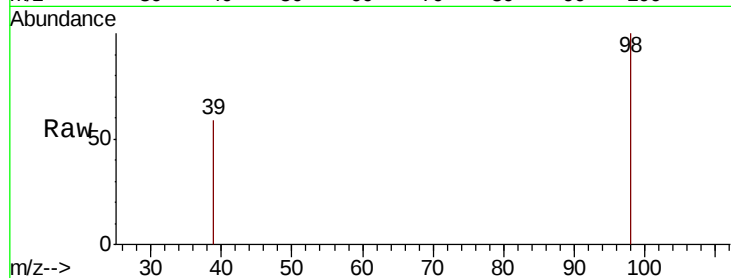
TR-05-100418RE

Tot Ion: 98 Resp: 57

Ion Ratio Lower Upper

98 100

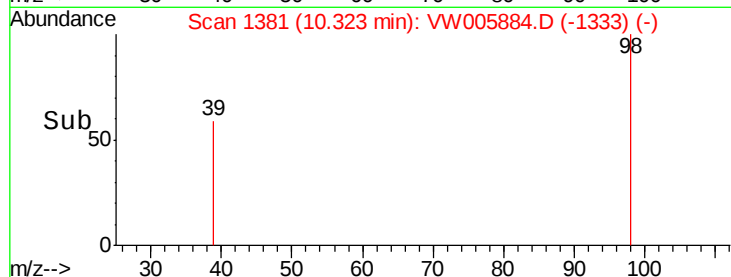
100 0.0 51.7 77.5#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

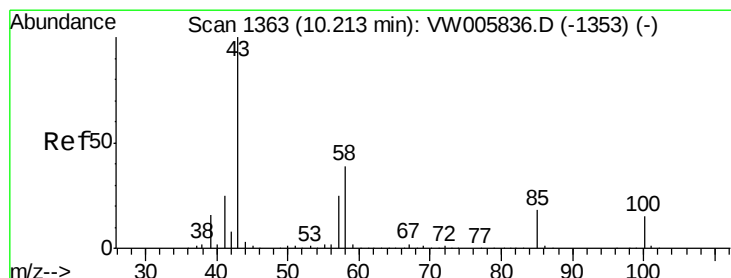


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

Time-->



#51

4-Methyl-2-Pentanone

Concen: 493.643 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.17 min

Lab File: VW005884.D

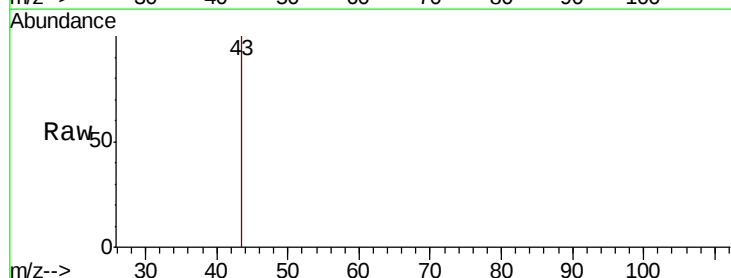
Acq: 05 Oct 2018 06:58

Tgt Ion: 43 Resp: 42

Ion Ratio Lower Upper

43 100

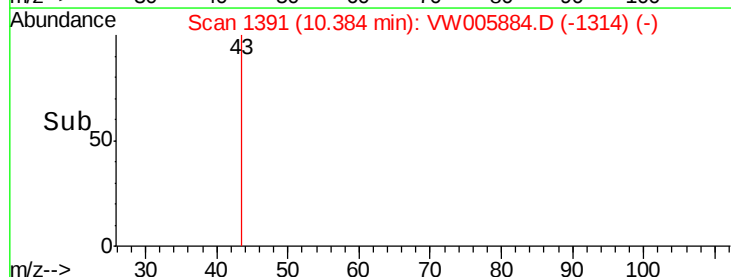
58 0.0 30.6 45.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.38

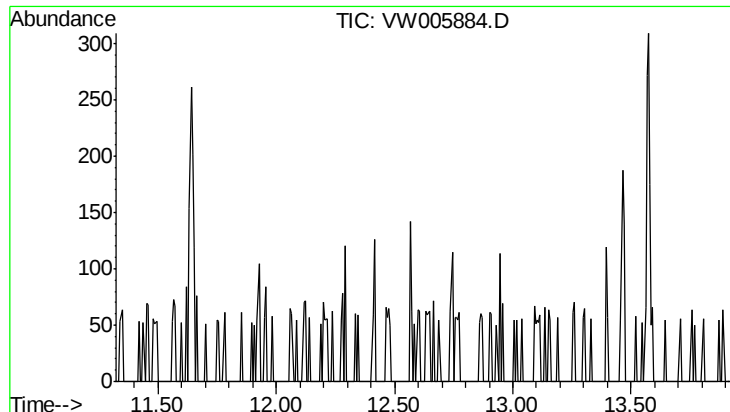


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.38

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

Instrument :

MSVOA_W

ClientSampleId :

TR-05-100418RE

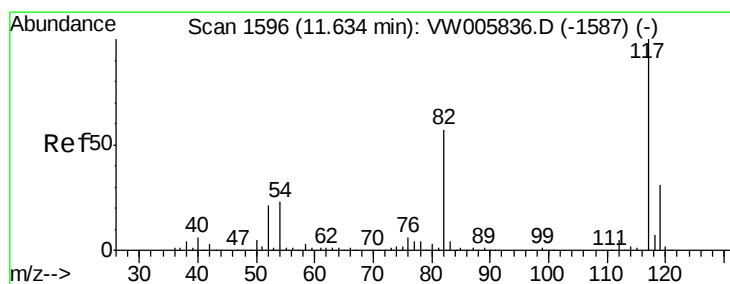
Tot Ion: 95

Sig Exp Ratio

95 100

174 84.5

176 82.1



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005884.D

Acq: 05 Oct 2018 06:58

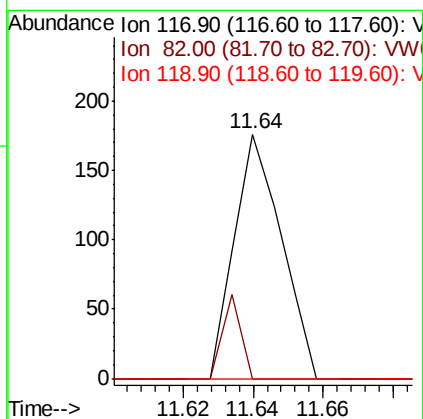
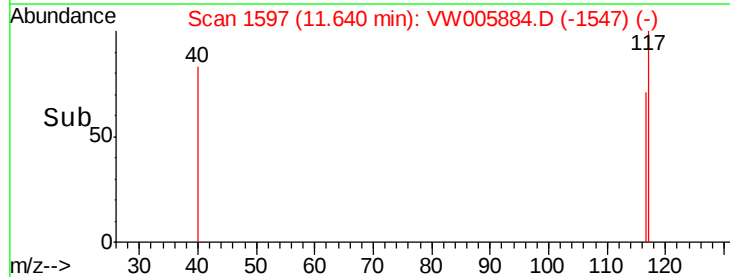
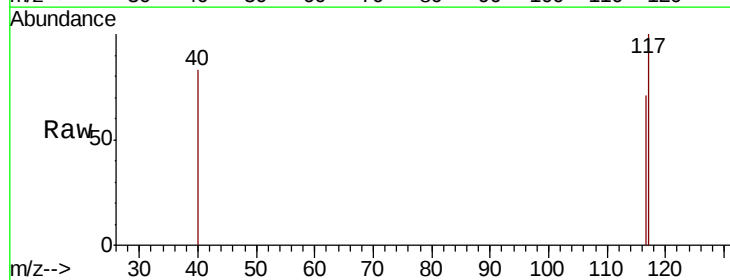
Tgt Ion: 117 Resp: 165

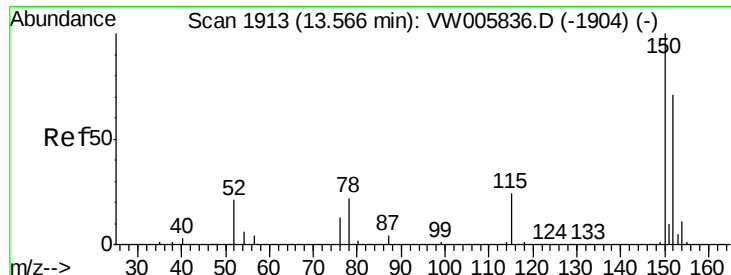
Ion Ratio Lower Upper

117 100

82 0.0 45.6 68.4#

119 0.0 25.0 37.6#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: VW005884.D
 Acq: 05 Oct 2018 06:58

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-100418RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	69.8	29.8	89.4
150	134.9	0.0	349.4

