

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005880.D
 Acq On : 05 Oct 2018 05:15
 Operator : SY/AP
 Sample : J5238-01RE
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-8RE

Quant Time: Oct 05 05:34:01 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	37	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.57

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	23	7.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	15.24%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	

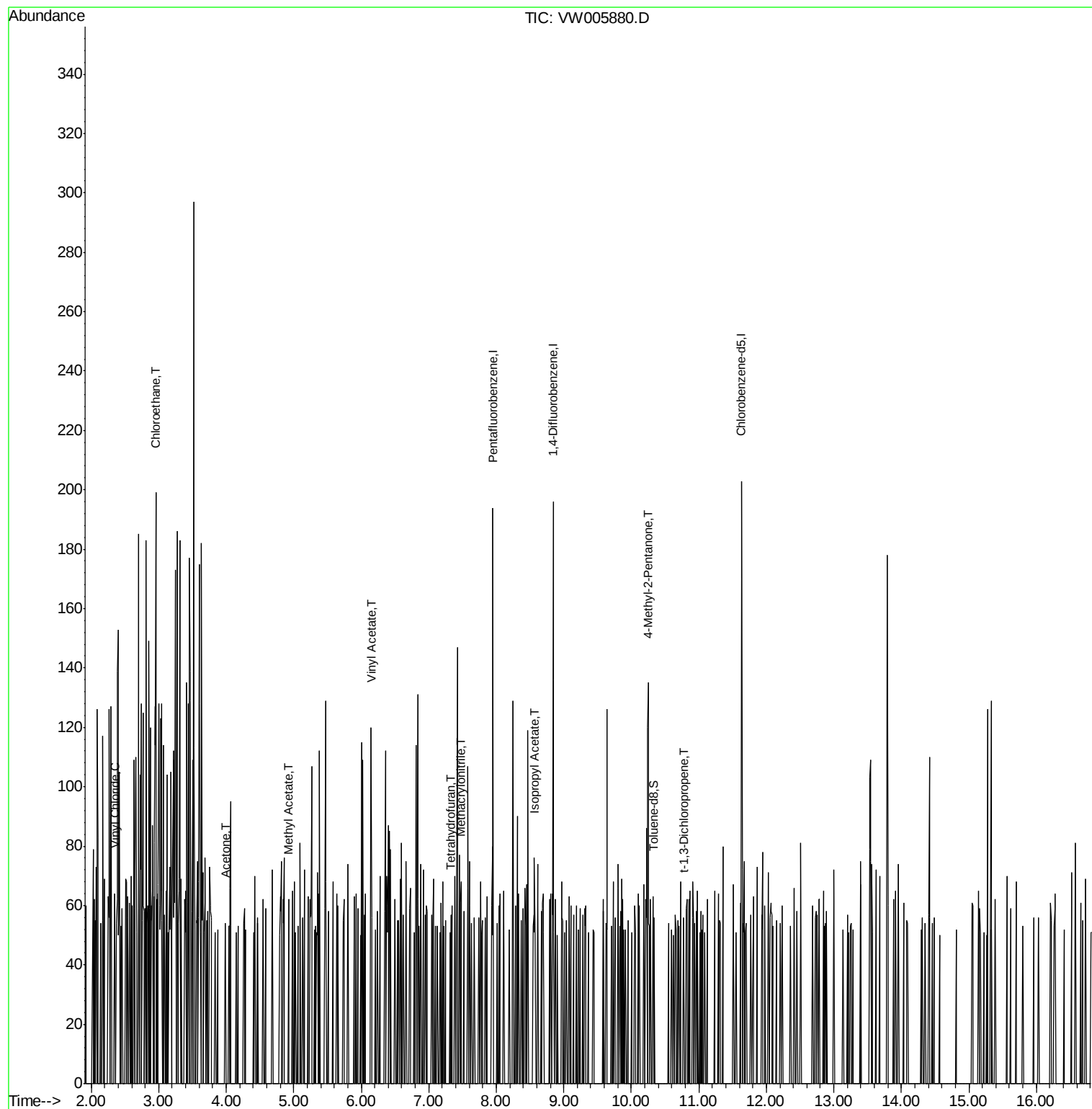
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.35	62	24	64.371	ug/l #	43
6) Chloroethane	2.96	64	30	131.560	ug/l #	43
16) Acetone	3.99	43	20	266.986	ug/l #	46
18) Methyl Acetate	4.92	43	23	107.959	ug/l #	51
23) Vinyl Acetate	6.15	43	44	69.985	ug/l #	73
29) Tetrahydrofuran	7.33	42	21	322.821	ug/l #	33
41) Methacrylonitrile	7.48	41	48	167.384	ug/l #	24
43) Isopropyl Acetate	8.57	43	28	29.519	ug/l #	51
51) 4-Methyl-2-Pentanone	10.24	43	25	50.661	ug/l #	37
53) t-1,3-Dichloropropene	10.77	75	20	17.883	ug/l #	43

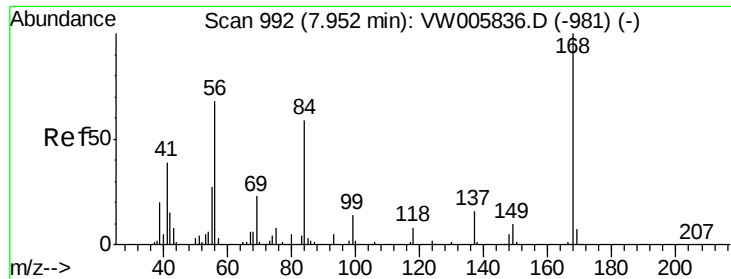
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100618\
Data File : VW005880.D
Acq On : 05 Oct 2018 05:15
Operator : SY/AP
Sample : J5238-01RE
Misc : 5.49G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MT-T-5-8RE

Quant Time: Oct 05 05:34:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
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# 992

Delta R.T. -0.00 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

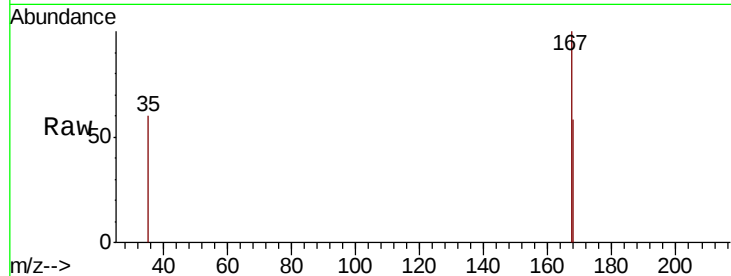
MT-T-5-8RE

Tot Ion:168 Resp: 37

Ion Ratio Lower Upper

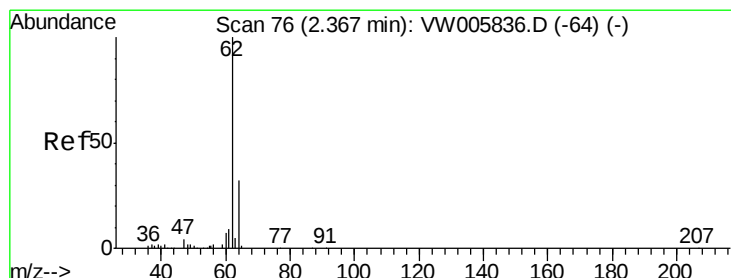
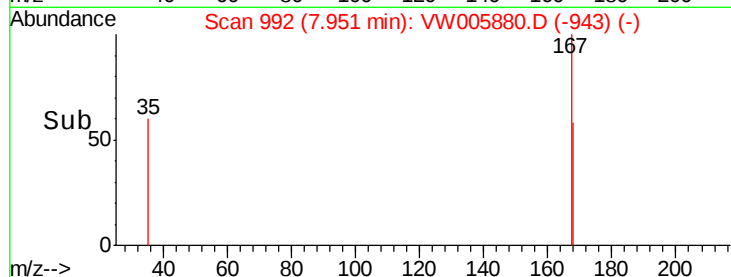
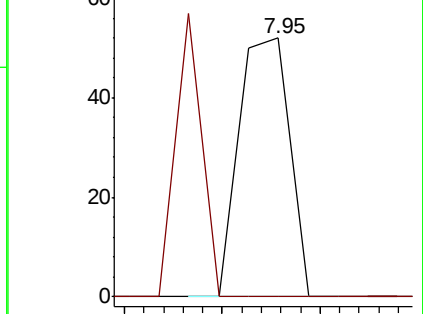
168 100

99 0.0 45.4 68.2#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 64.371 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.02 min

Lab File: VW005880.D

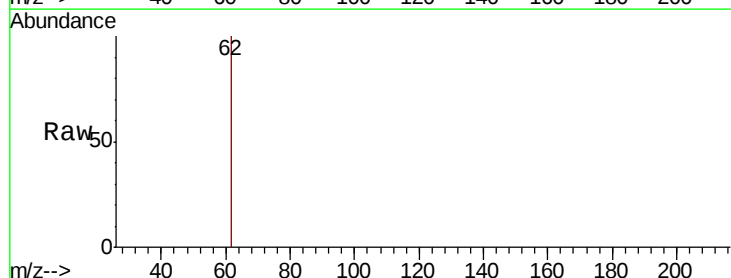
Acq: 05 Oct 2018 05:15

Tgt Ion: 62 Resp: 24

Ion Ratio Lower Upper

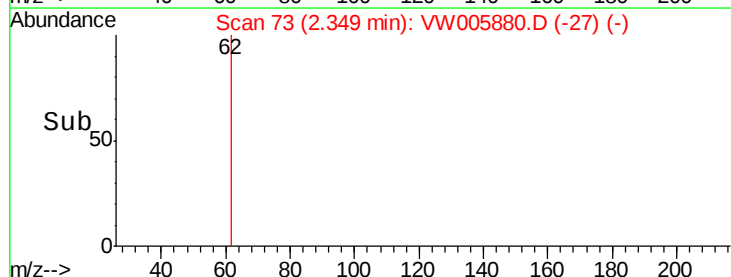
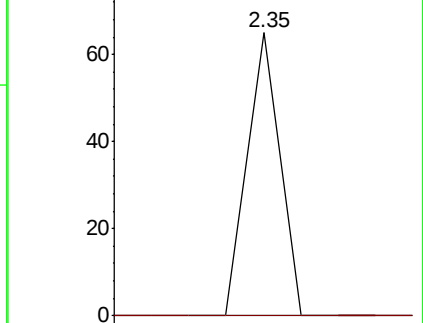
62 100

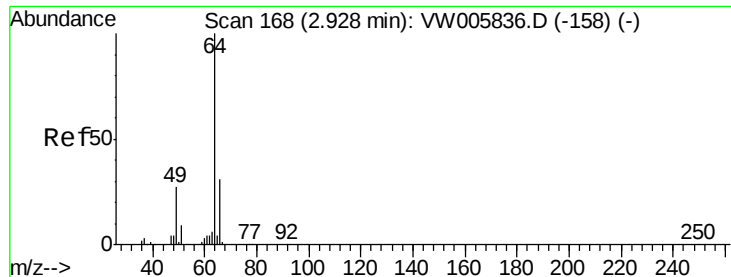
64 0.0 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#6

Chloroethane

Concen: 131.560 ug/l

RT: 2.96 min Scan# 173

Delta R.T. 0.03 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

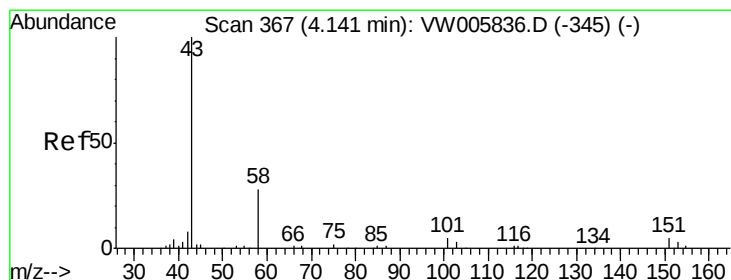
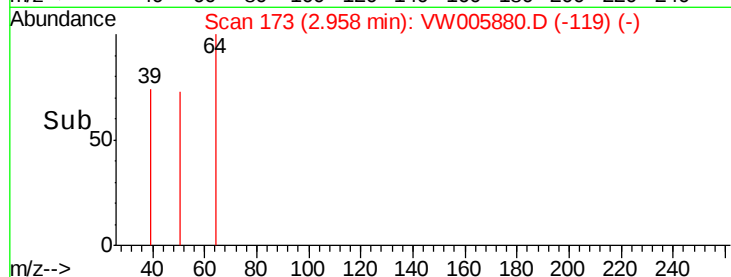
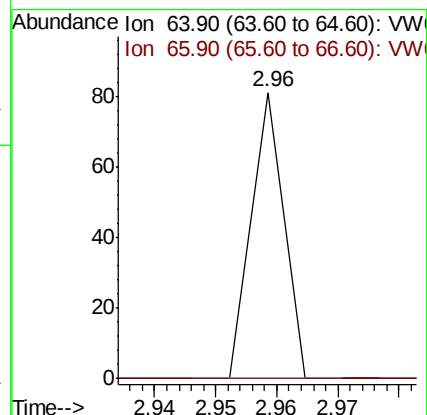
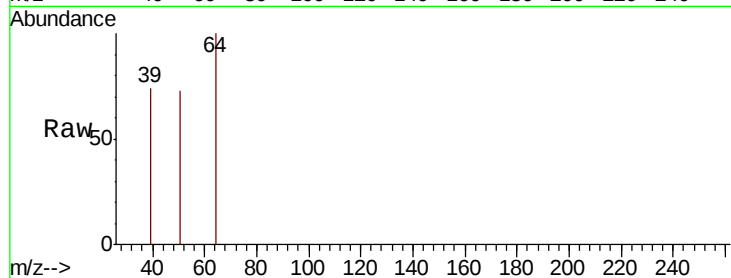
MT-T-5-8RE

Tot Ion: 64 Resp: 30

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#16

Acetone

Concen: 266.986 ug/l

RT: 3.99 min Scan# 342

Delta R.T. -0.15 min

Lab File: VW005880.D

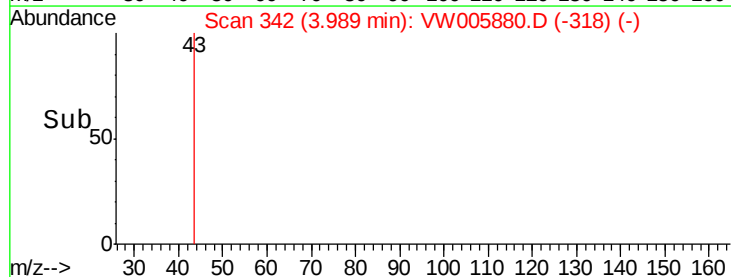
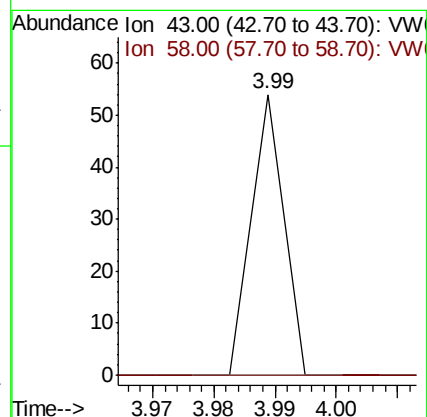
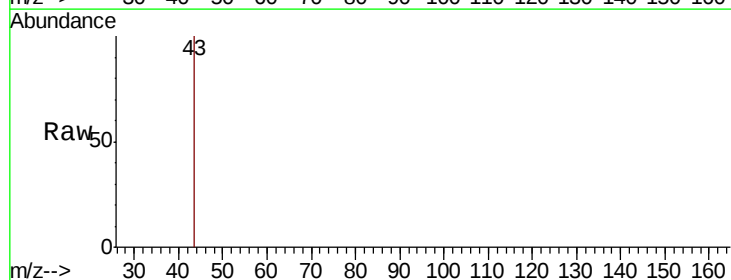
Acq: 05 Oct 2018 05:15

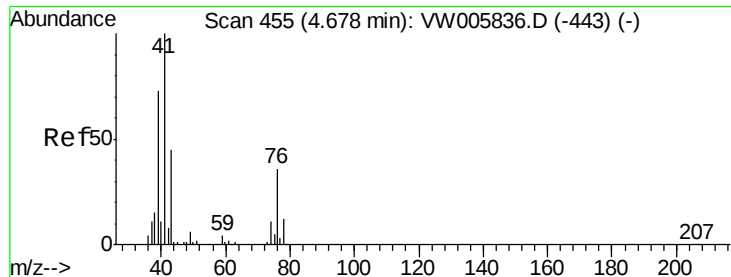
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.4#





#18

Methyl Acetate

Concen: 107.959 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.24 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampled :

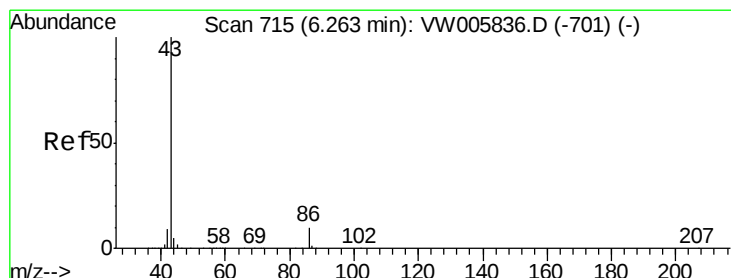
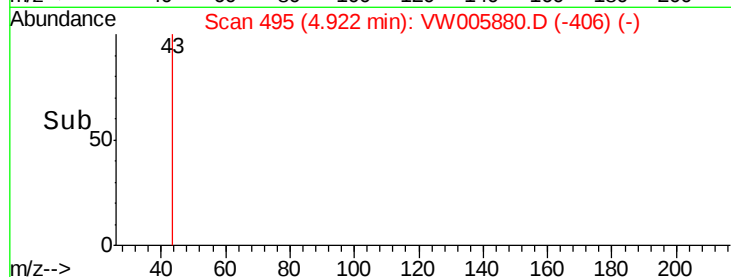
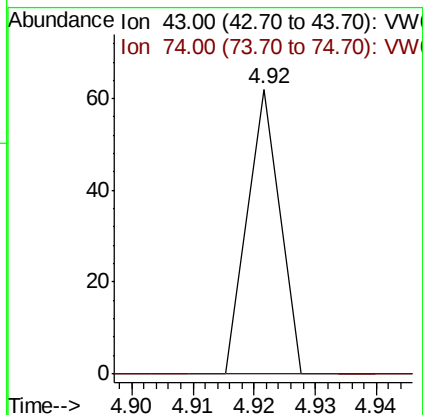
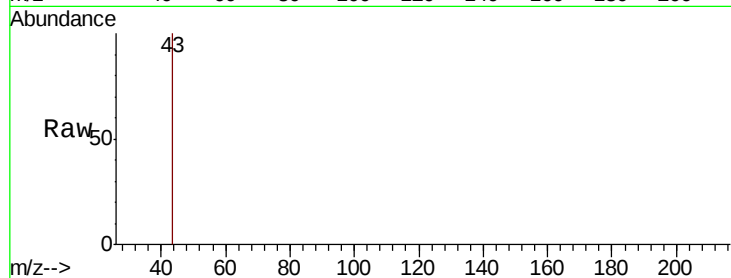
MT-T-5-8RE

Tot Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#23

Vinyl Acetate

Concen: 69.985 ug/l

RT: 6.15 min Scan# 696

Delta R.T. -0.12 min

Lab File: VW005880.D

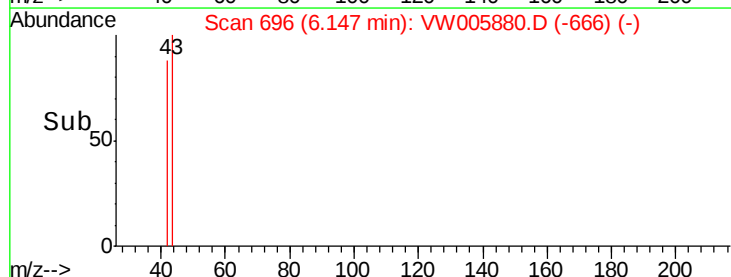
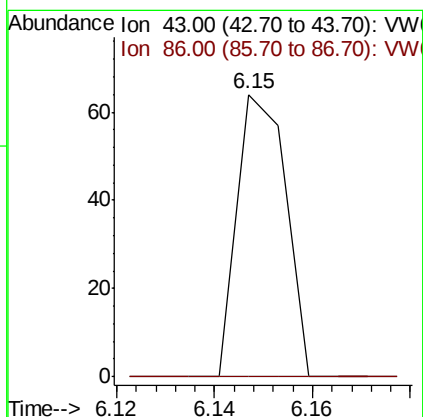
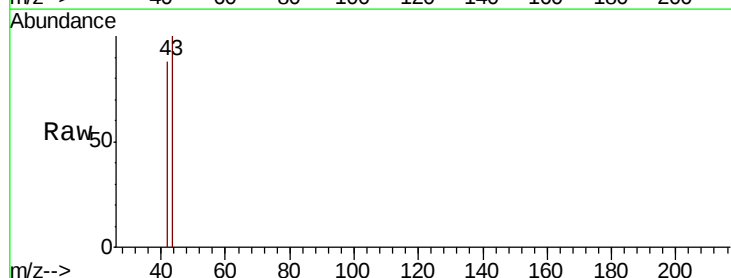
Acq: 05 Oct 2018 05:15

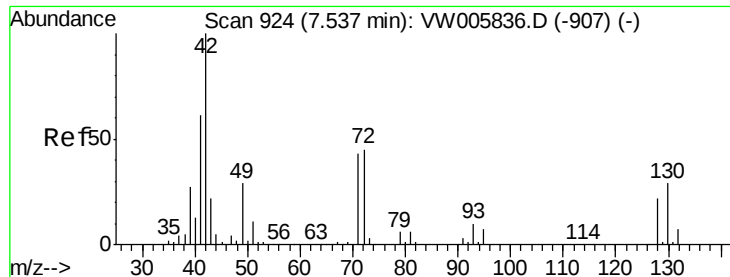
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

86 0.0 8.1 12.1#

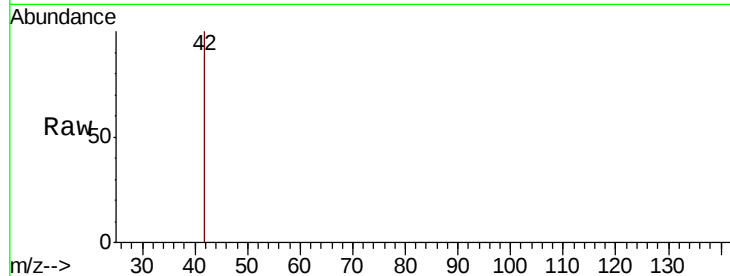




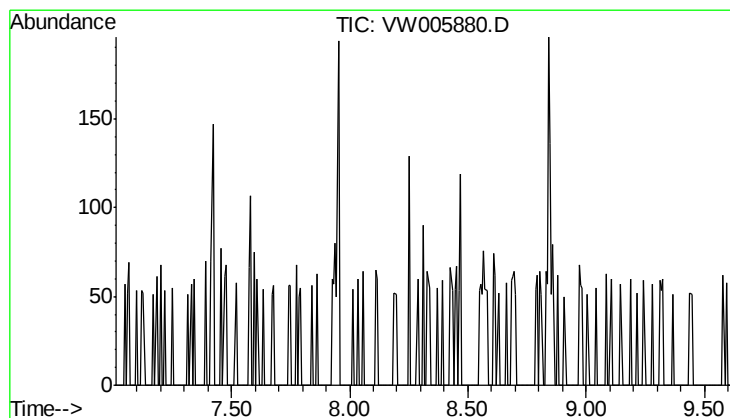
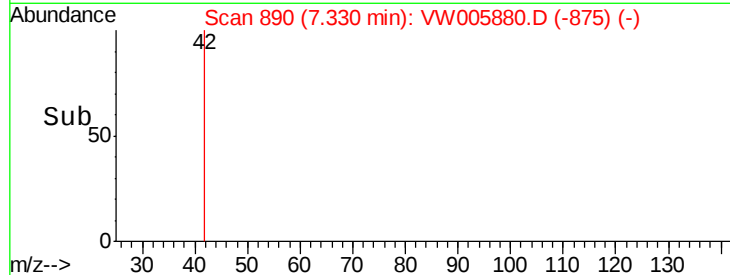
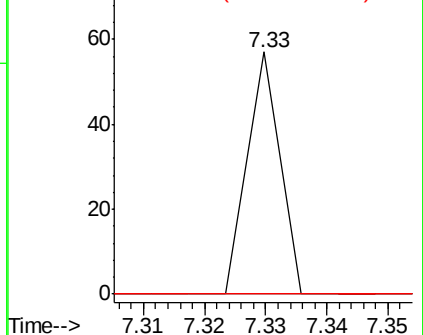
#29
Tetrahydrofuran
Concen: 322.821 ug/l
RT: 7.33 min Scan# 890
Delta R.T. -0.21 min
Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

Instrument :
MSVOA_W
ClientSampleId :
MT-T-5-8RE

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	0.0	33.6	50.4#



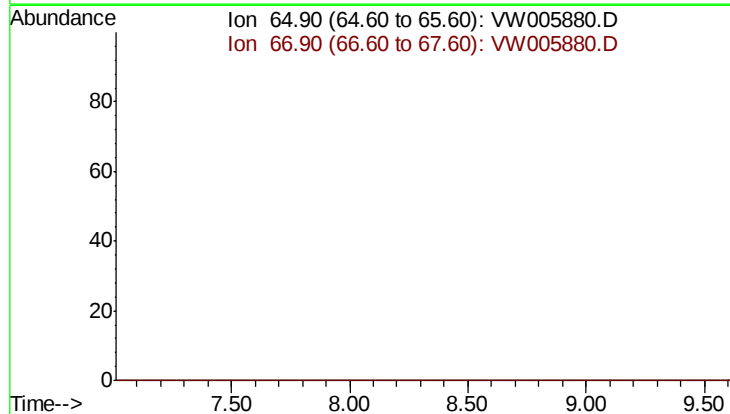
Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

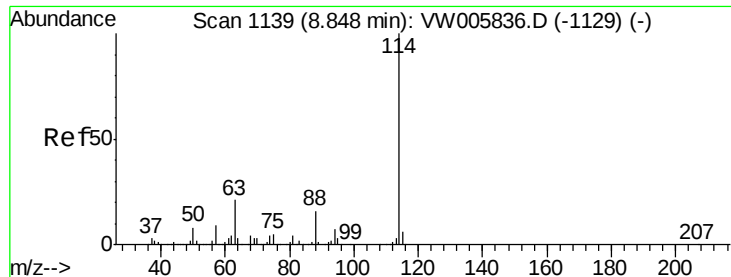


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.31 min

Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

Tgt Ion	Exp Ratio
65	100
67	49.0

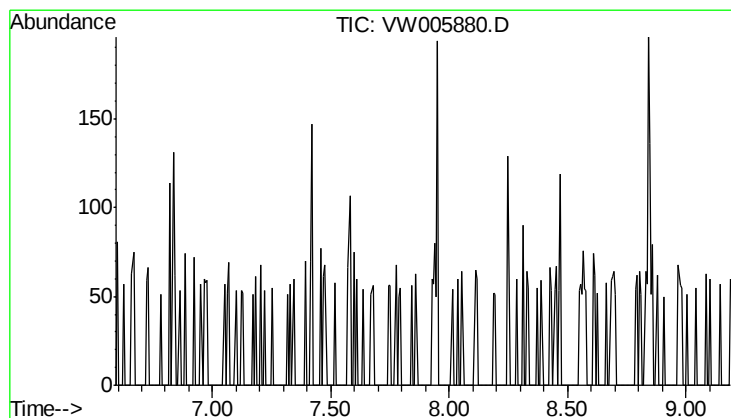
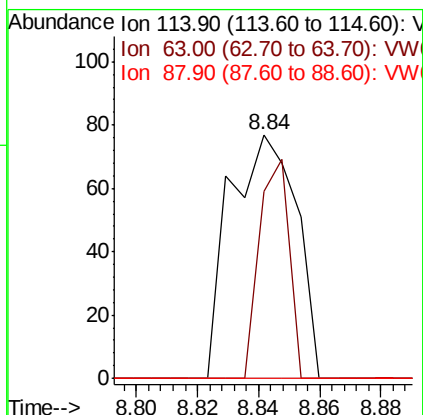
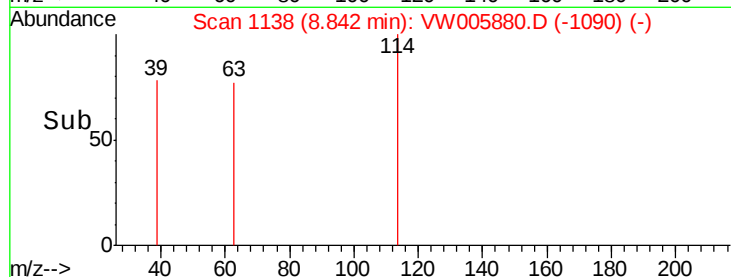
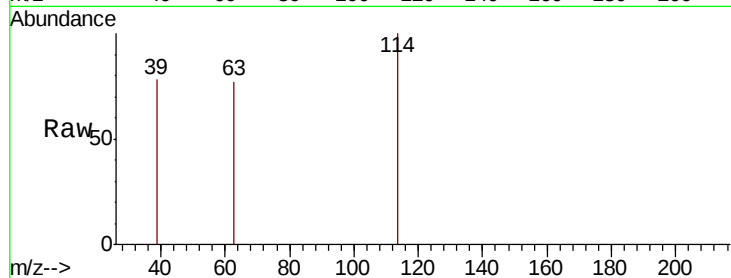




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW005880.D
 Acq: 05 Oct 2018 05:15

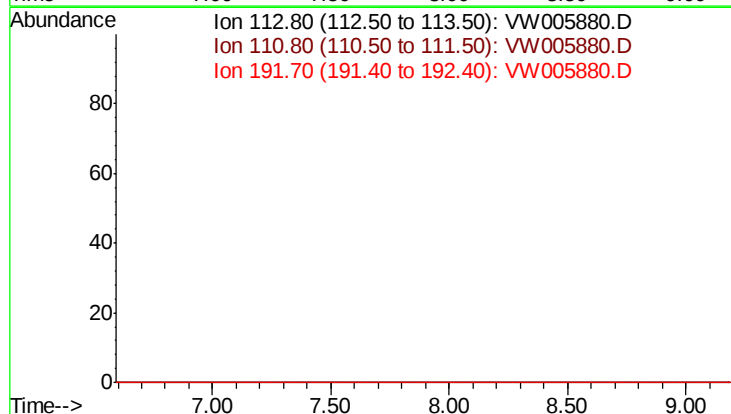
Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-8RE

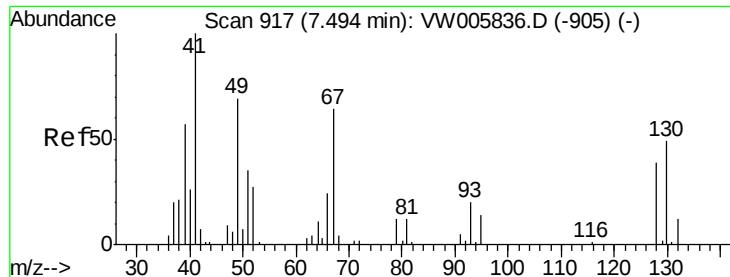
Tot Ion	Ratio	Lower	Upper
114	100		
63	76.6	0.0	42.0#
88	0.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW005880.D
 Acq: 05 Oct 2018 05:15

Tgt Ion	Exp Ratio
113	100
111	101.8
192	21.6

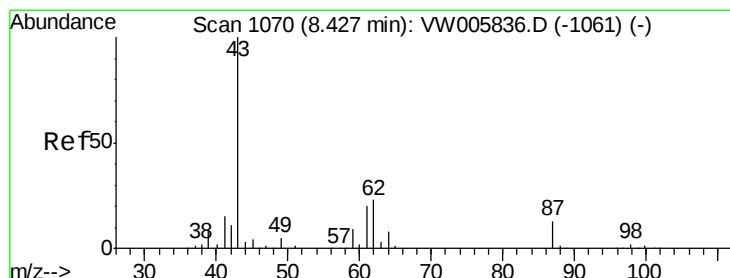
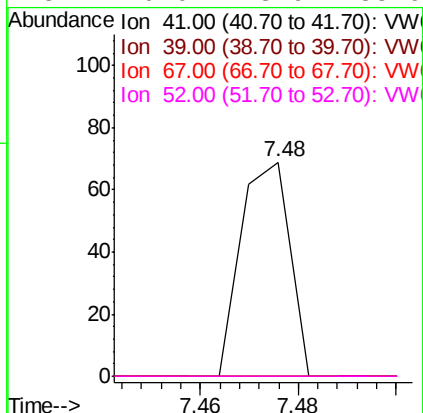
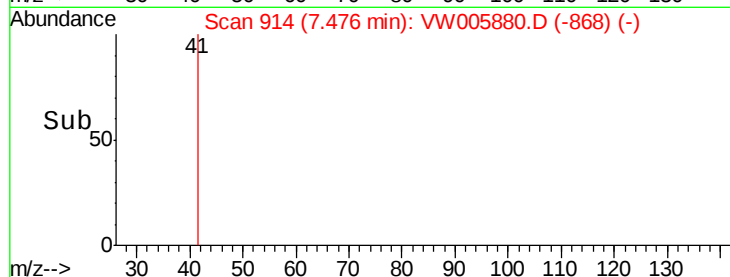
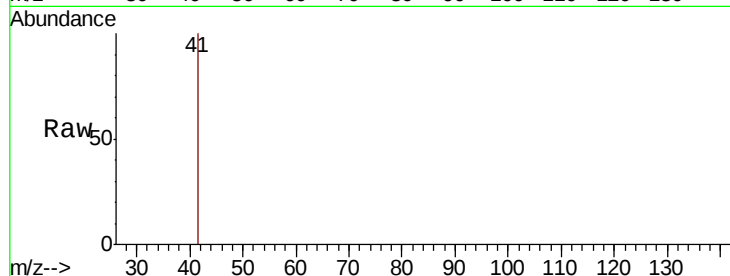




#41
Methacrylonitrile
Concen: 167.384 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

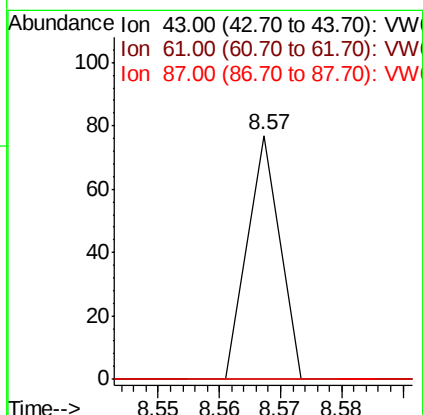
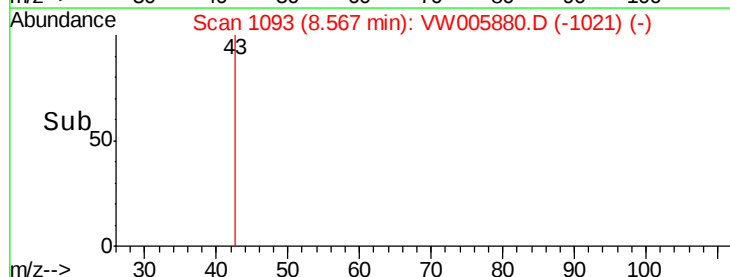
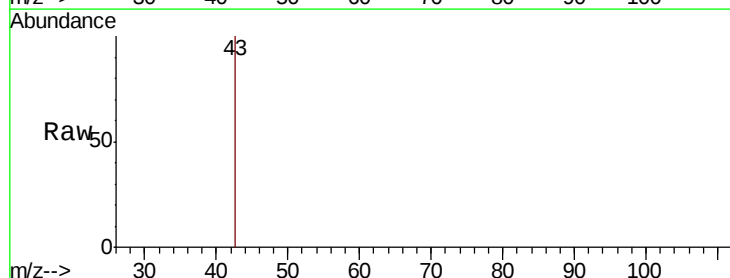
Instrument :
MSVOA_W
ClientSampled :
MT-T-5-8RE

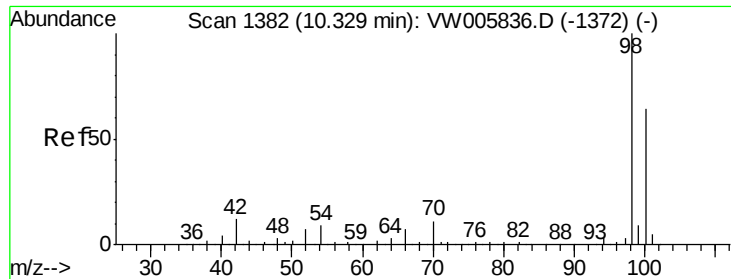
Tot Ion:	41	Resp:	48
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.6	68.4#
67	0.0	53.6	80.4#
52	0.0	23.9	35.9#



#43
Isopropyl Acetate
Concen: 29.519 ug/l
RT: 8.57 min Scan# 1093
Delta R.T. 0.14 min
Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

Tgt Ion:	43	Resp:	28
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.1	36.1#
87	0.0	10.6	16.0#





#50

Toluene-d8

Concen: 7.618 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

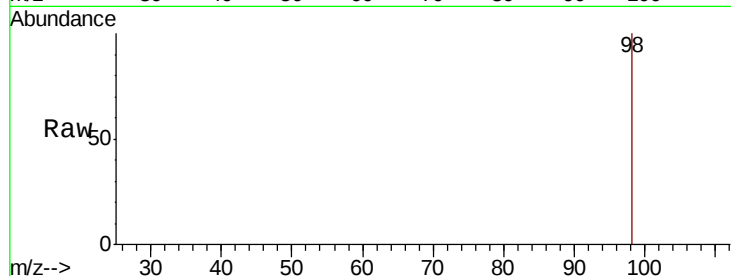
MT-T-5-8RE

Tot Ion: 98 Resp: 23

Ion Ratio Lower Upper

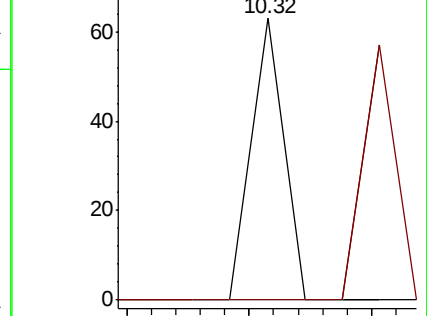
98 100

100 91.3 51.7 77.5#

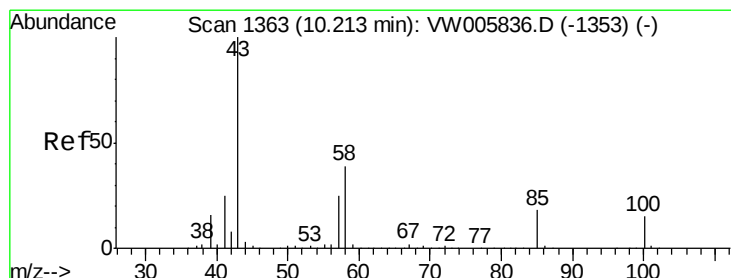
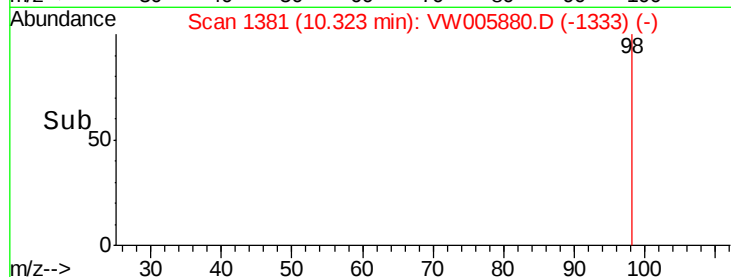


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#51

4-Methyl-2-Pentanone

Concen: 50.661 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VW005880.D

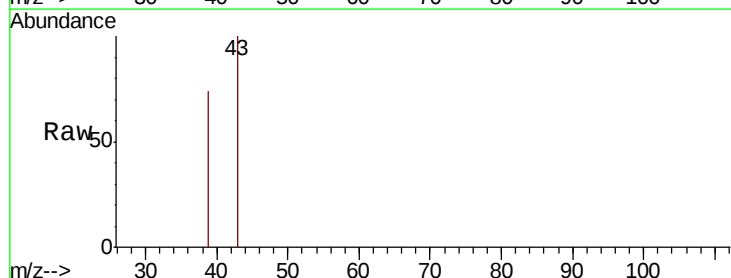
Acq: 05 Oct 2018 05:15

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

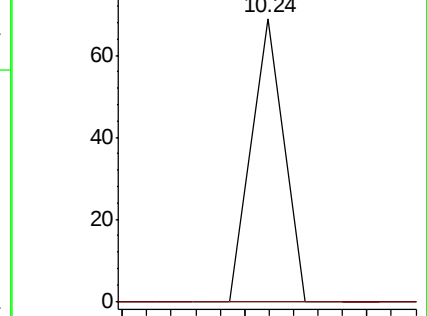
43 100

58 0.0 30.6 45.8#

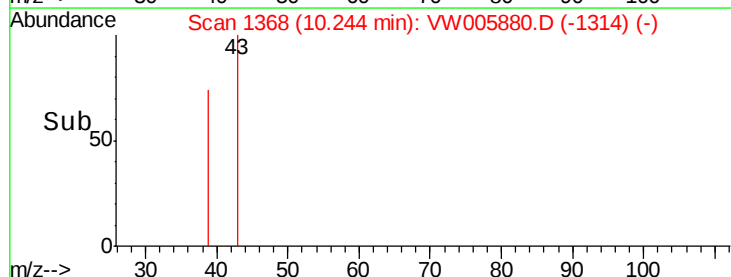


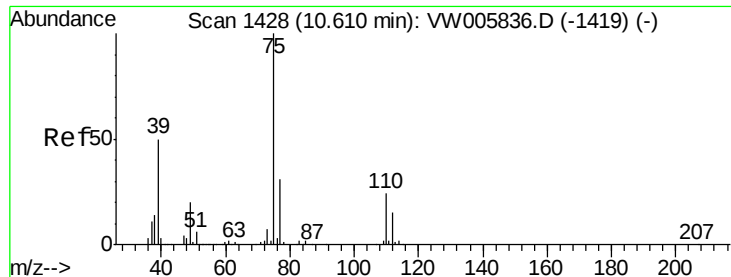
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#53

t-1,3-Dichloropropene

Concen: 17.883 ug/l

RT: 10.77 min Scan# 1455

Delta R.T. 0.16 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

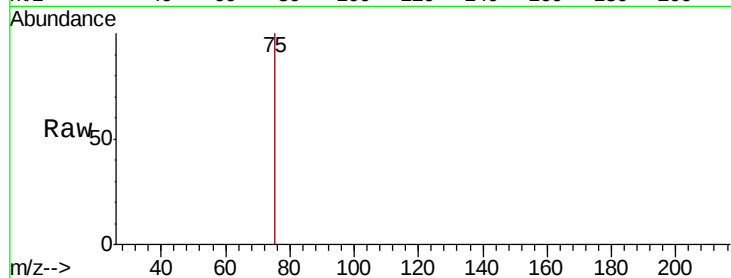
MT-T-5-8RE

Tot Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.77

60

50

40

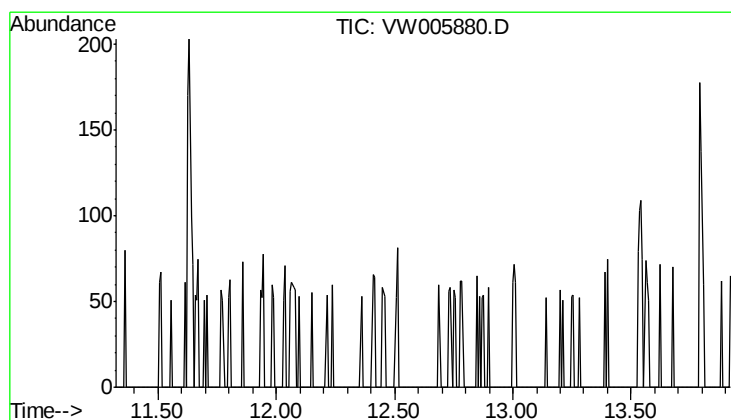
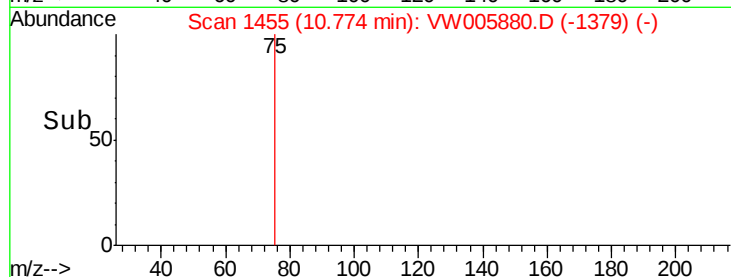
30

20

10

0

Time--> 10.76 10.78



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

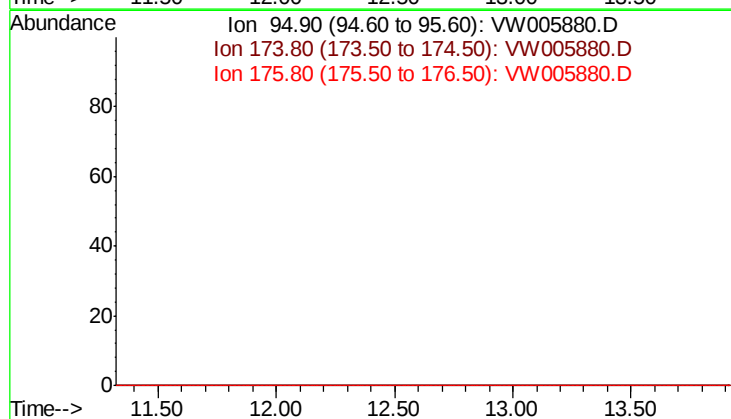
Tgt Ion: 95

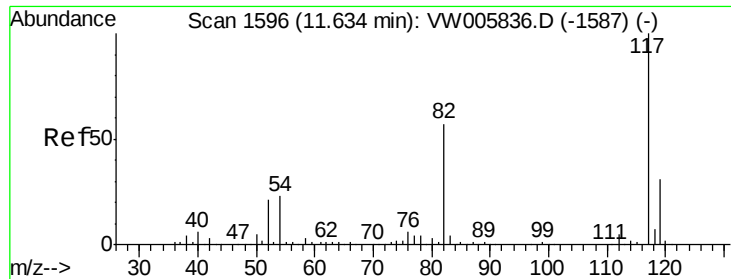
Sig Exp Ratio

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: VW005880.D

Acq: 05 Oct 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

MT-T-5-8RE

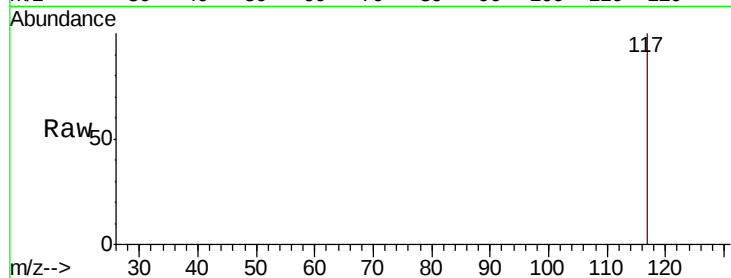
Tot Ion:117 Resp: 105

Ion Ratio Lower Upper

117 100

82 0.0 45.6 68.4#

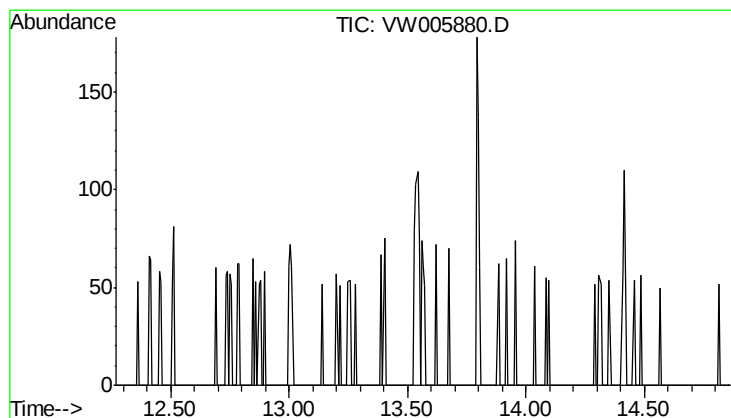
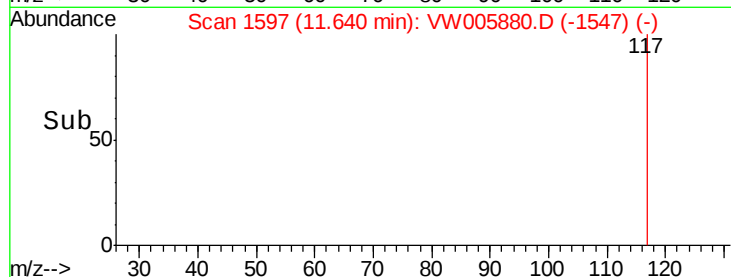
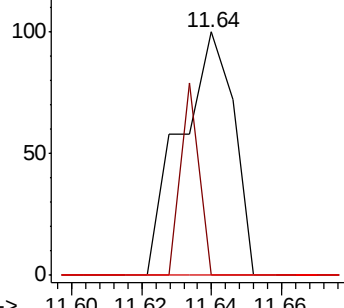
119 0.0 25.0 37.6#



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: 0.000 ug/l

Expected RT: 13.57 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

Tgt Ion: 152

Sig Exp Ratio

152 100

115 59.6

150 174.7

