

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						
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%	

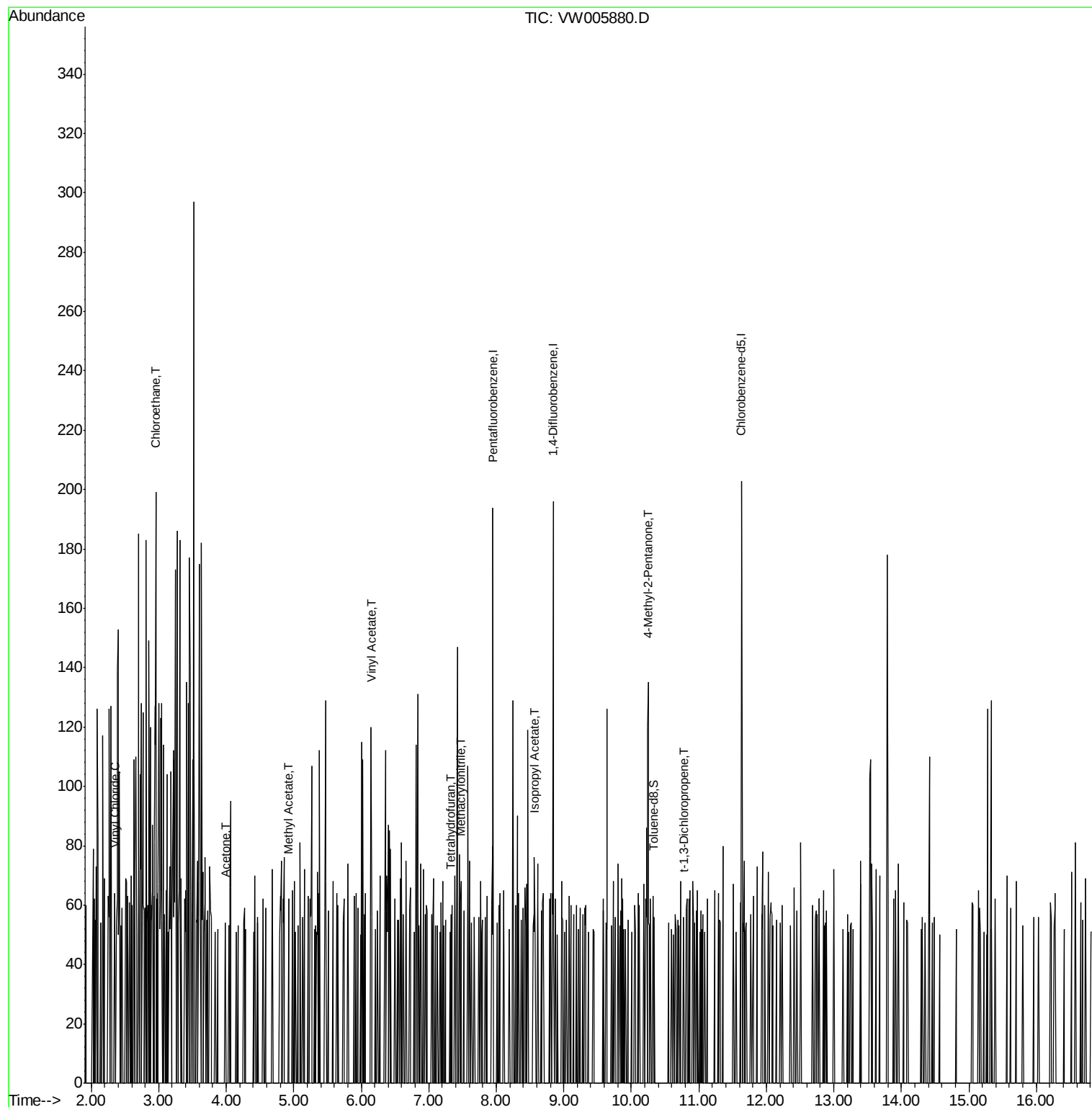
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.35	62	24	64.371	ug/l #	43
6) Chloroethane	2.96	64	30	131.560	ug/l #	43
16) Acetone	3.99	43	20	266.986	ug/l #	46
18) Methyl Acetate	4.92	43	23	107.959	ug/l #	51
23) Vinyl Acetate	6.15	43	44	69.985	ug/l #	73
29) Tetrahydrofuran	7.33	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

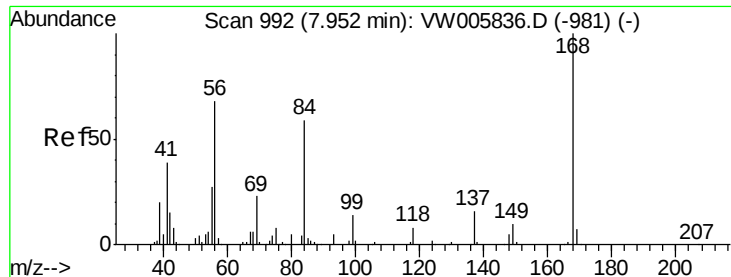
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

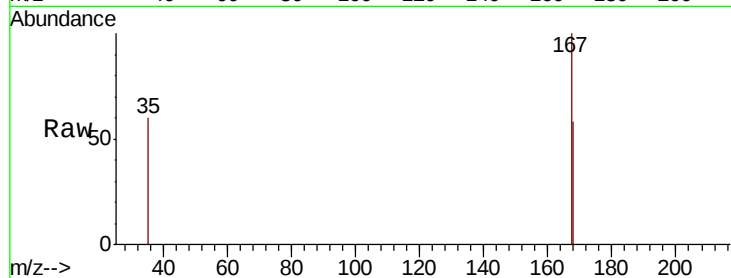
MT-T-5-8RE

Tgt Ion: 168 Resp: 37

Ion Ratio Lower Upper

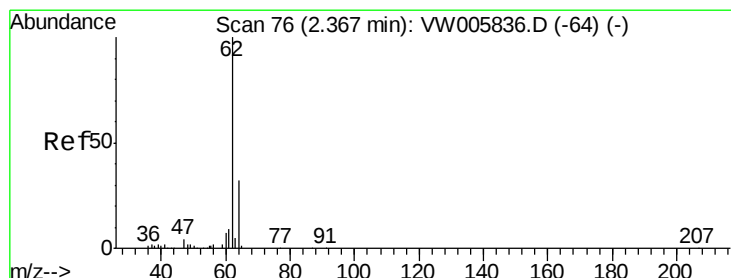
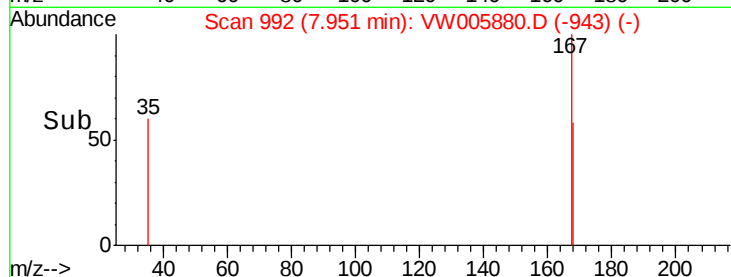
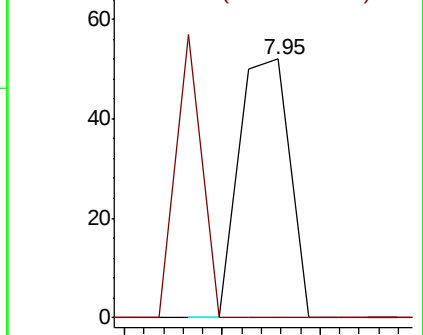
168 100

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

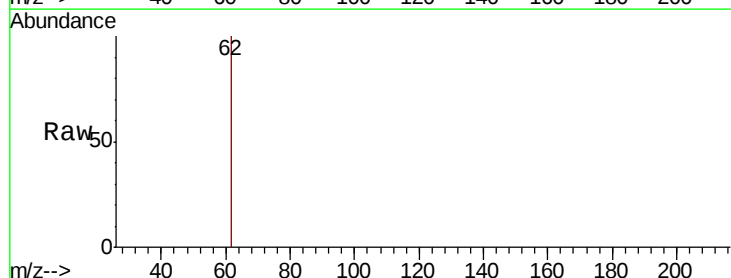
Acq: 05 Oct 2018 05:15

Tgt Ion: 62 Resp: 24

Ion Ratio Lower Upper

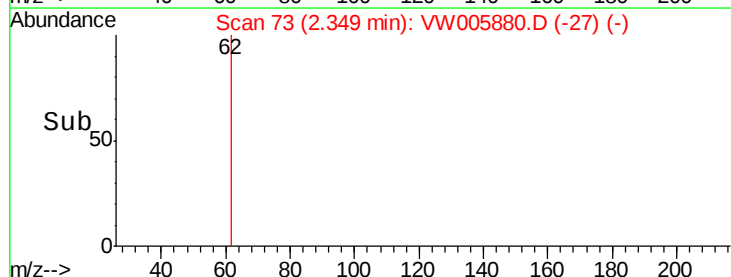
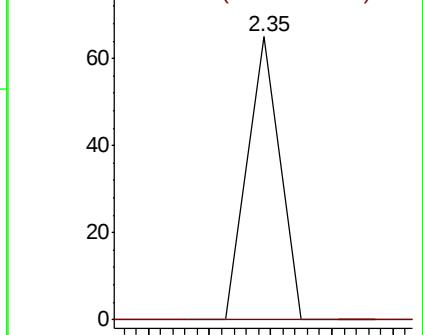
62 100

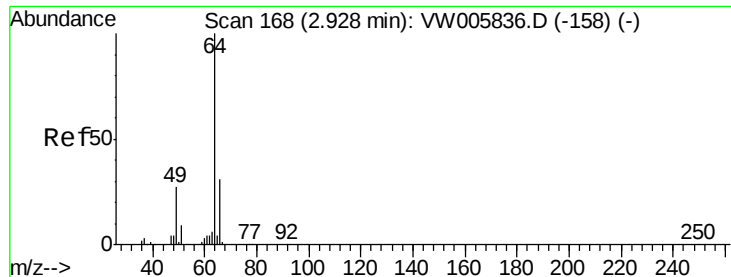
64 0.0 25.7 38.5#



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 :

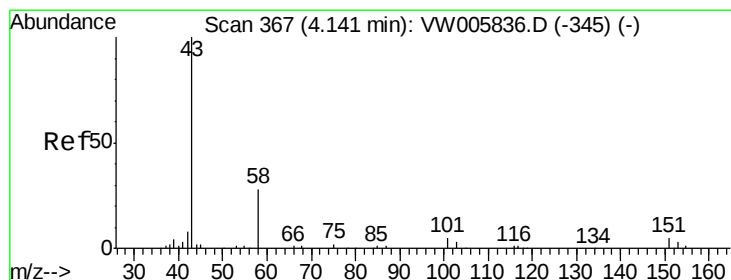
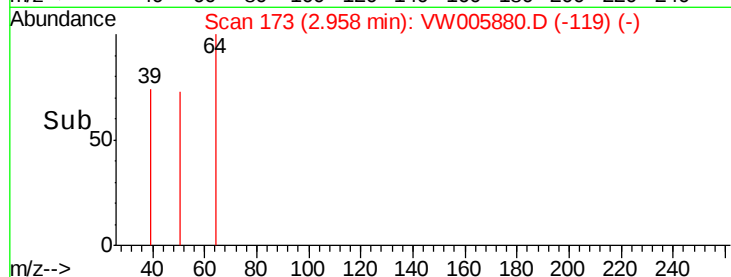
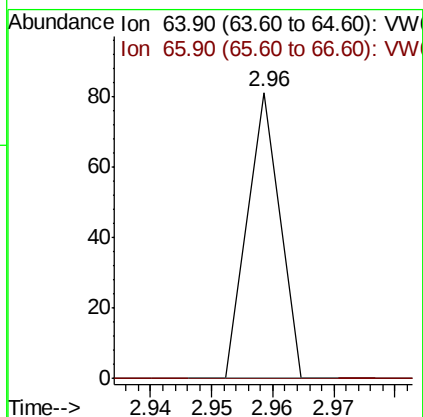
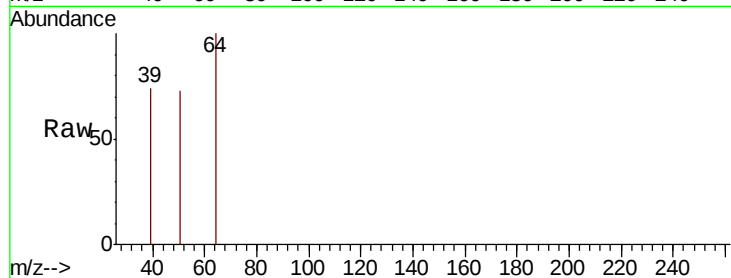
MT-T-5-8RE

Tgt 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

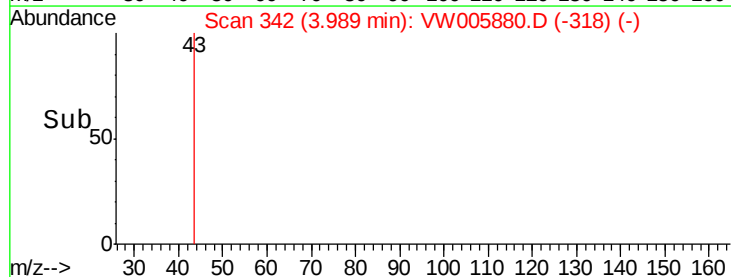
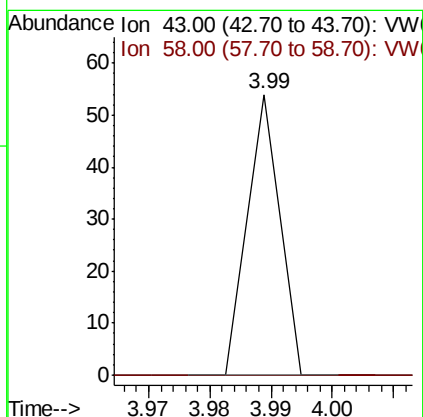
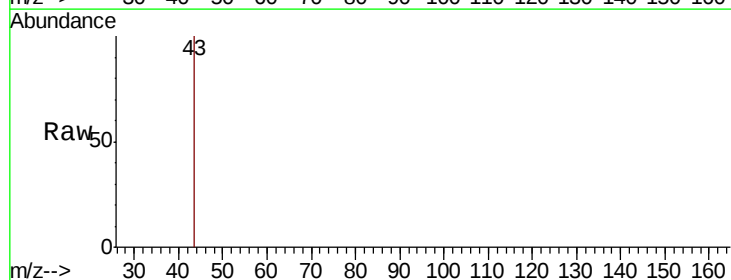
Acq: 05 Oct 2018 05:15

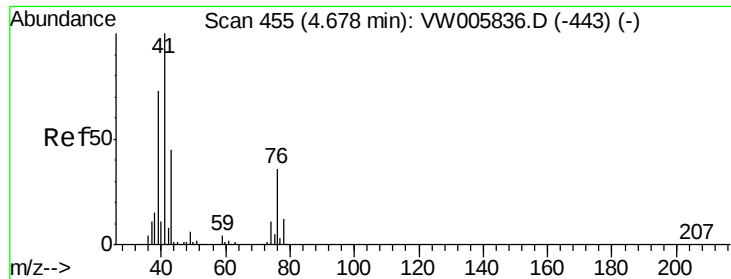
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.4#

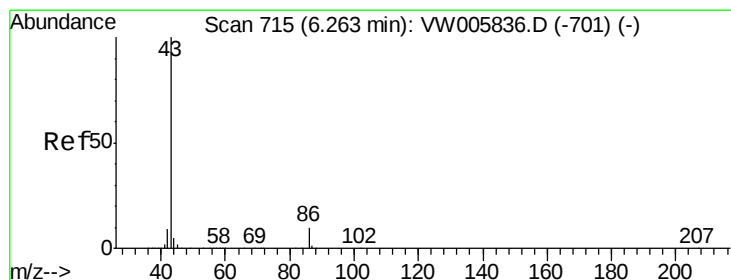
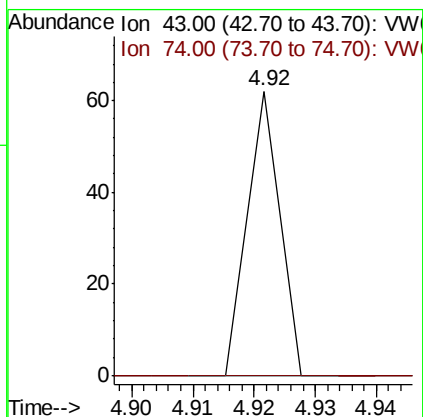
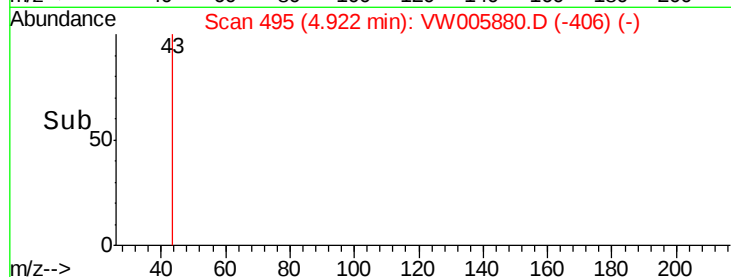
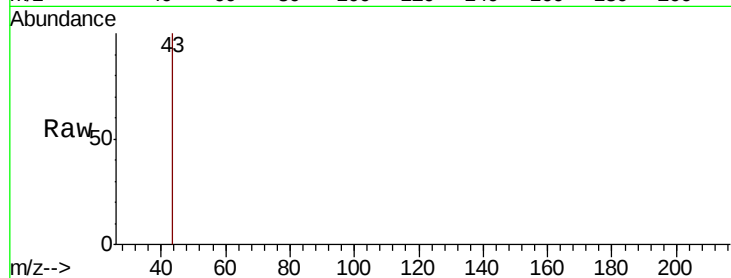




#18
Methyl Acetate
Concen: 107.959 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.24 min
Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

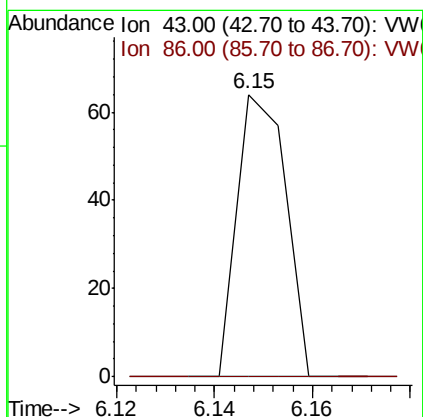
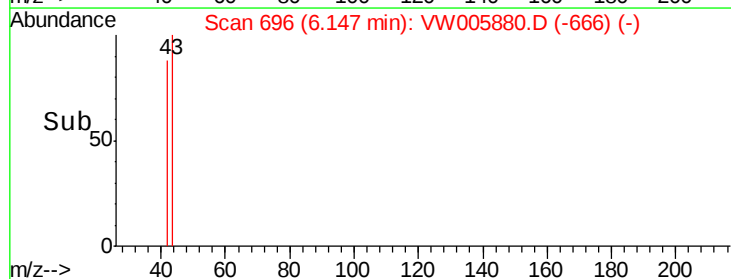
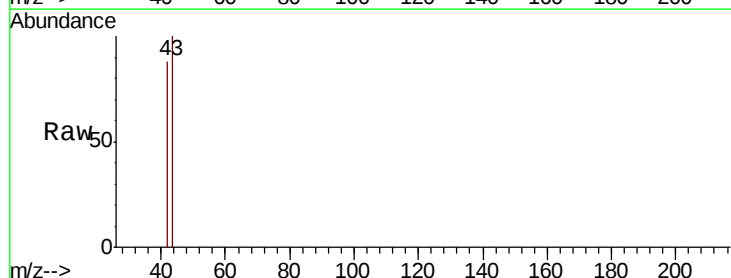
Instrument :
MSVOA_W
ClientSampled :
MT-T-5-8RE

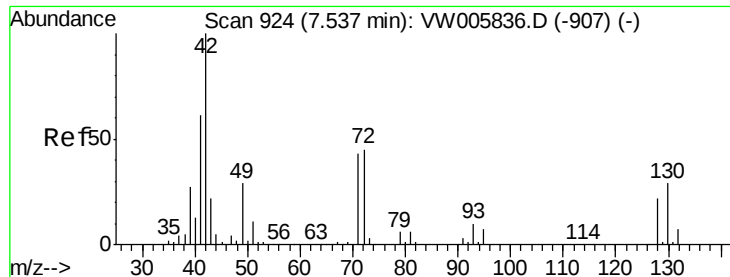
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#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

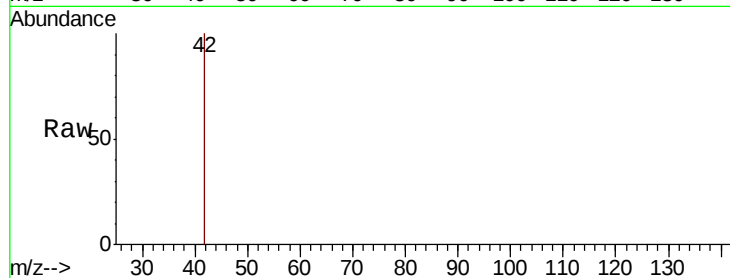
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

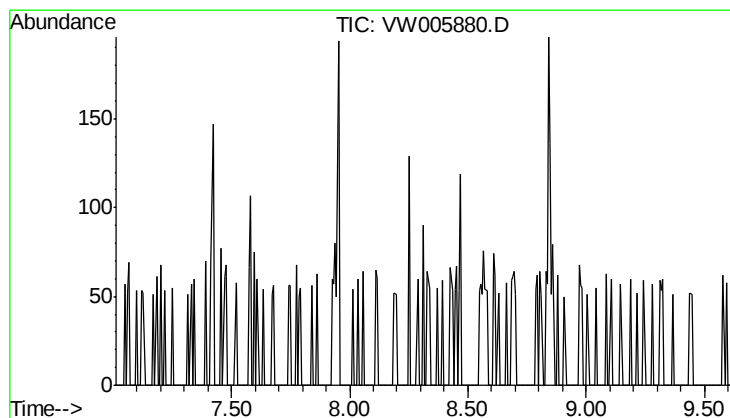
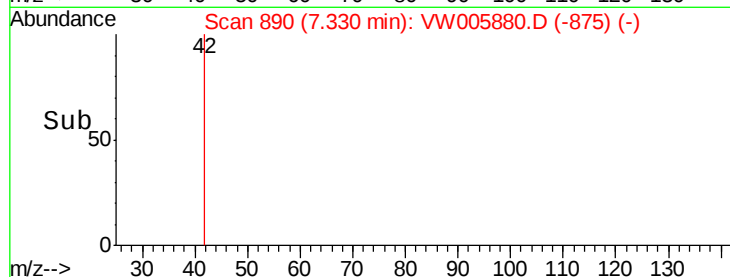
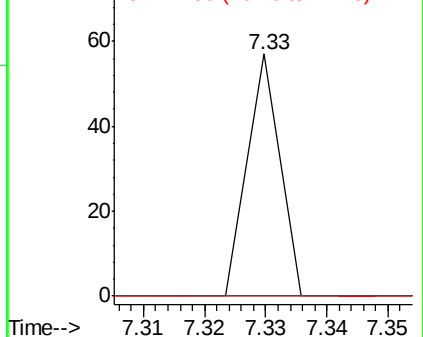
42 100

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

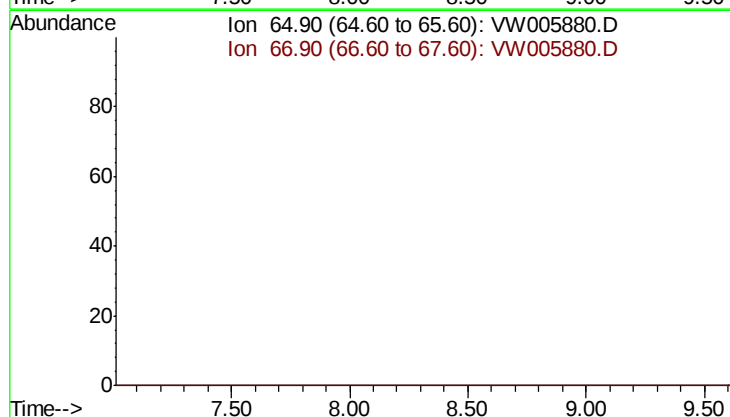
Acq: 05 Oct 2018 05:15

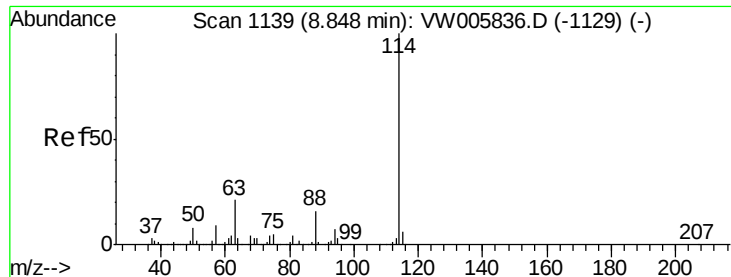
Tgt Ion: 65

Sig 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

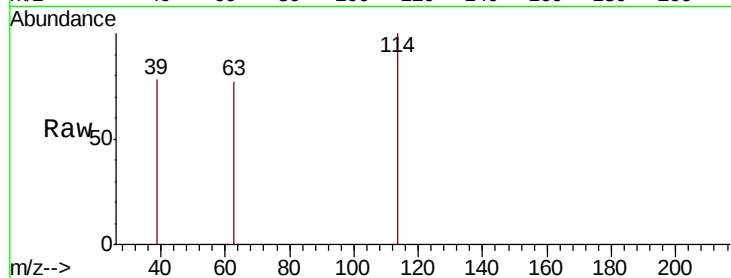
Tgt Ion:114 Resp: 116

Ion Ratio Lower Upper

114 100

63 76.6 0.0 42.0#

88 0.0 0.0 31.2



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

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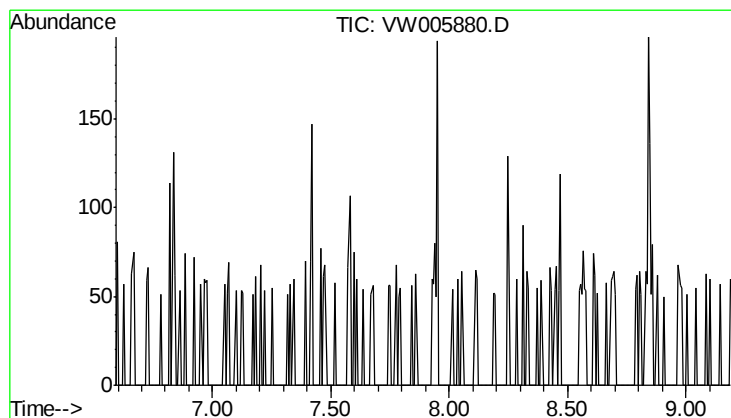
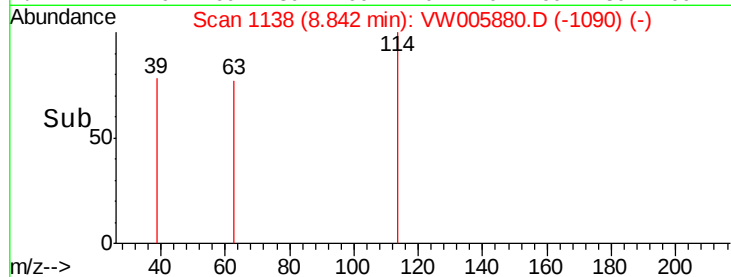
8.84

8.84

8.84

8.84

8.84



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.89 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

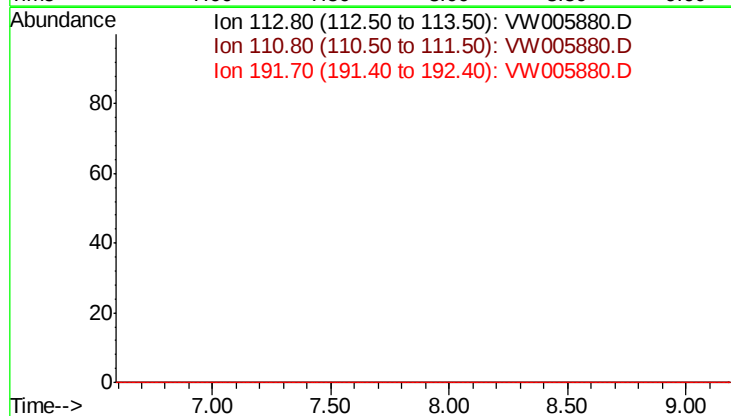
Tgt Ion: 113

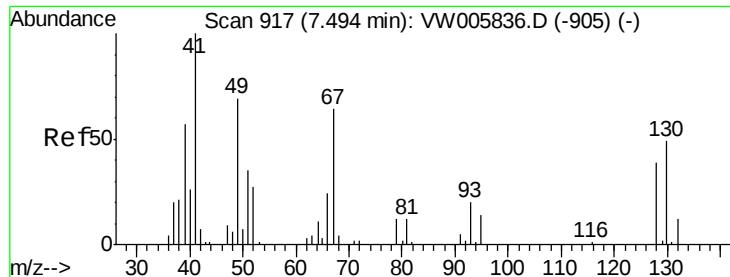
Sig Exp Ratio

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

ClientSampleId :

MT-T-5-8RE

Tgt Ion: 41 Resp: 48

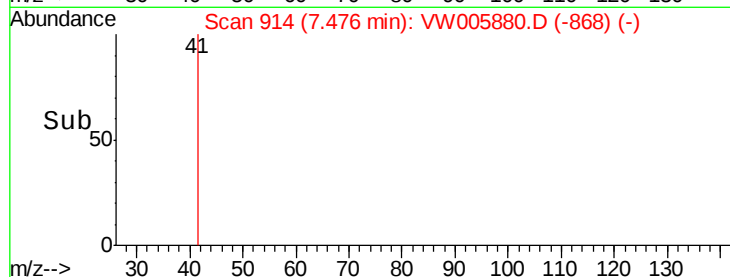
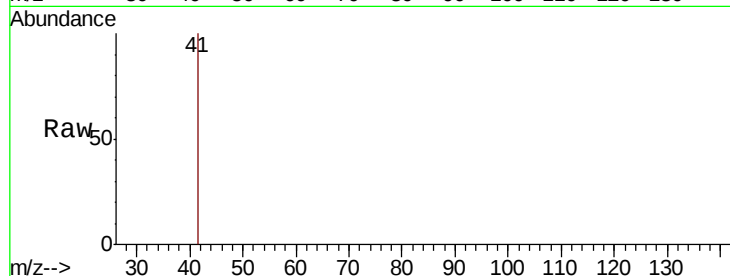
Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

67 0.0 53.6 80.4#

52 0.0 23.9 35.9#

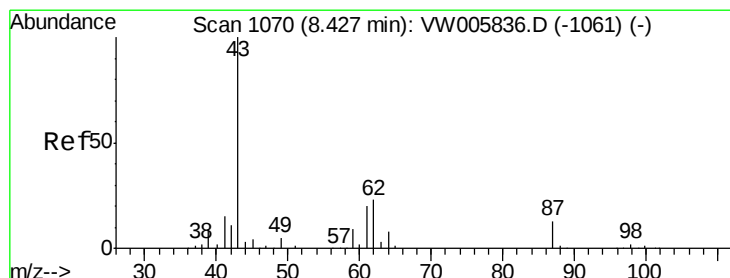
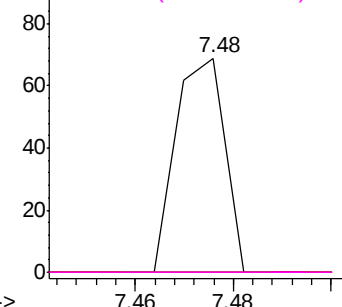


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#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

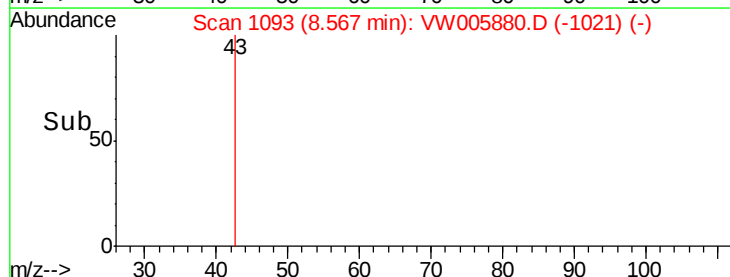
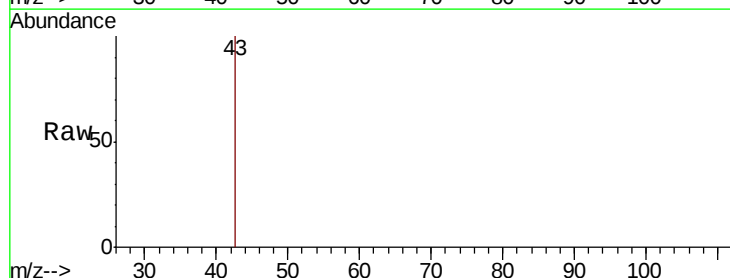
Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

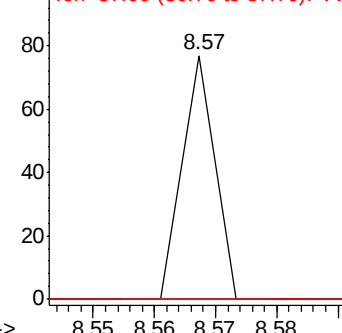
87 0.0 10.6 16.0#

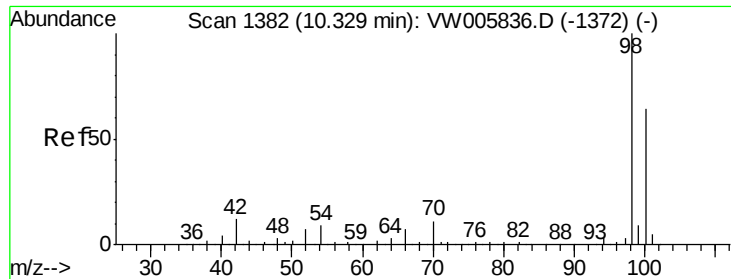


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#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 :

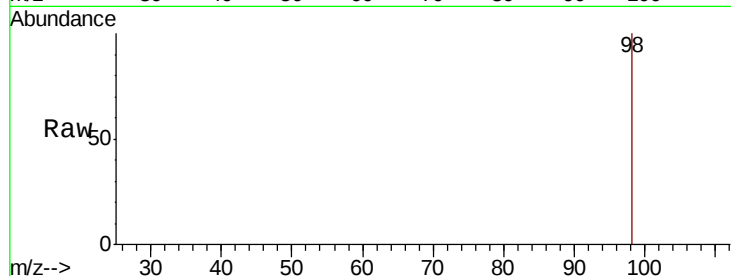
MT-T-5-8RE

Tgt Ion: 98 Resp: 23

Ion Ratio Lower Upper

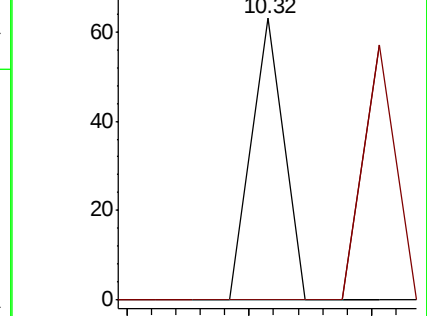
98 100

100 91.3 51.7 77.5#

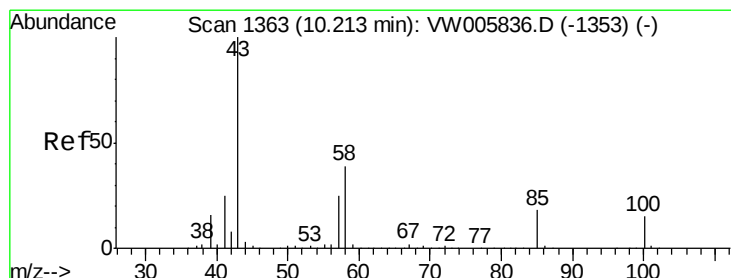
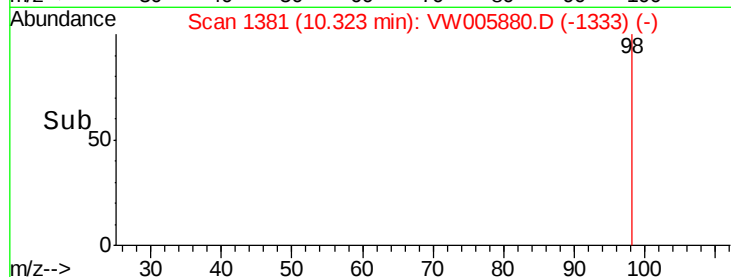


Abundance Ion 98.00 (97.70 to 98.70): VW

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

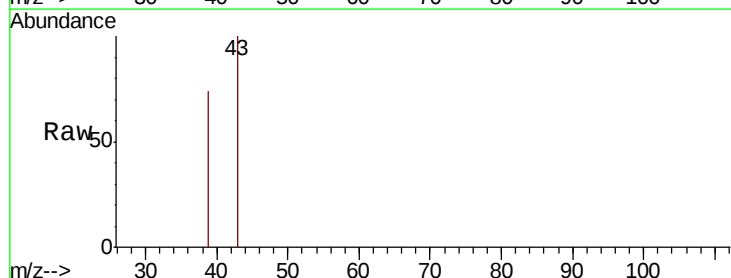
Acq: 05 Oct 2018 05:15

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

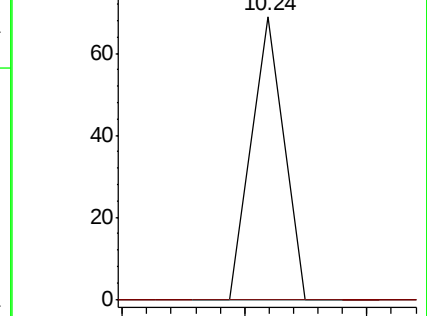
43 100

58 0.0 30.6 45.8#

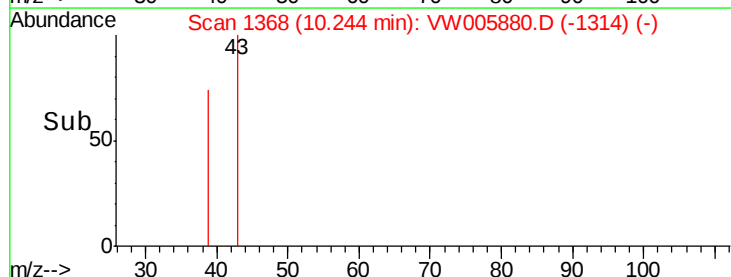


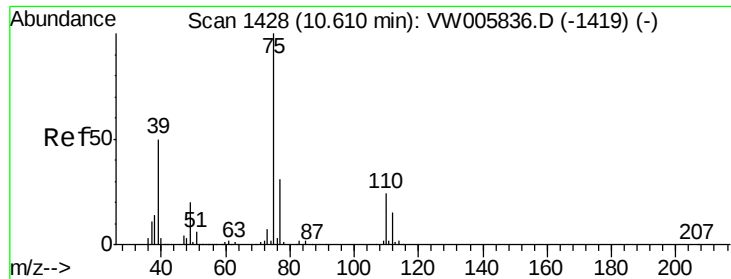
Abundance Ion 43.00 (42.70 to 43.70): VW

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 :

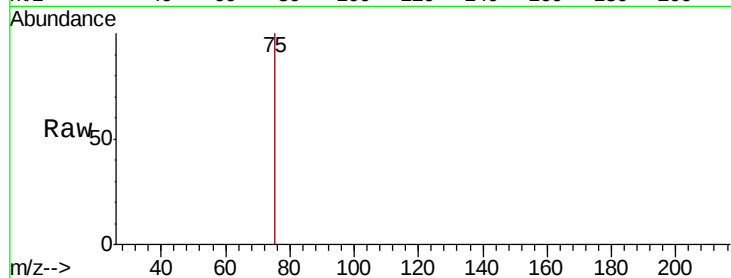
MT-T-5-8RE

Tgt 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

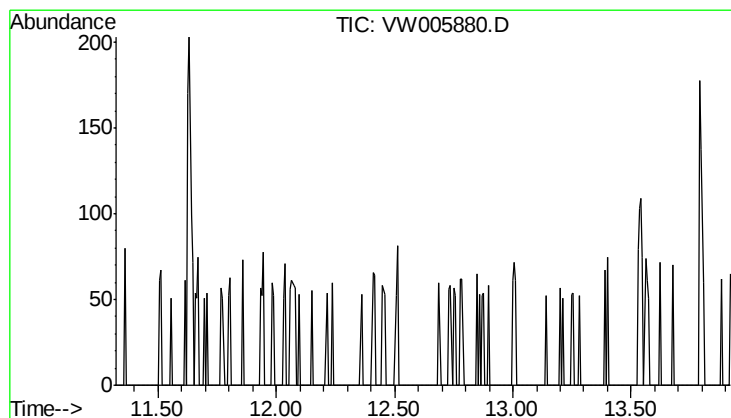
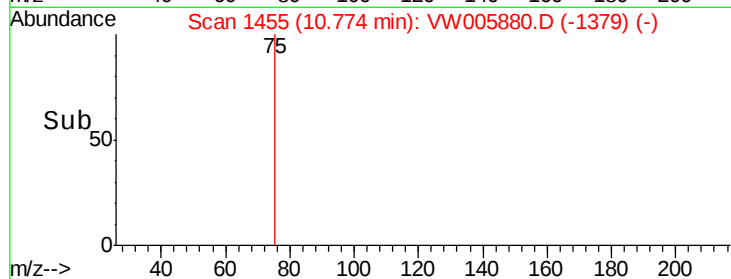
30

20

10

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW005880.D

Acq: 05 Oct 2018 05:15

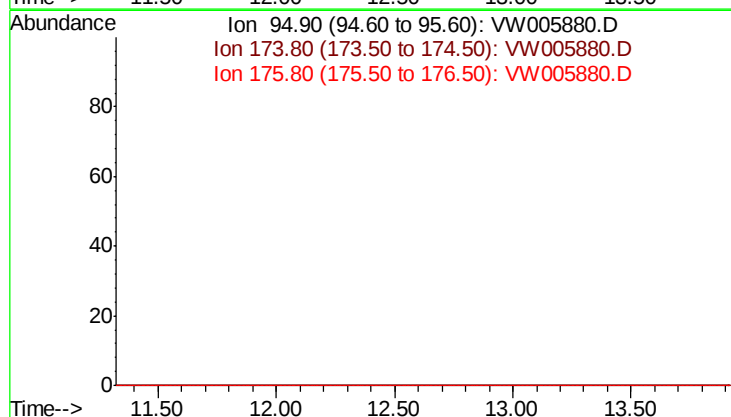
Tgt Ion: 95

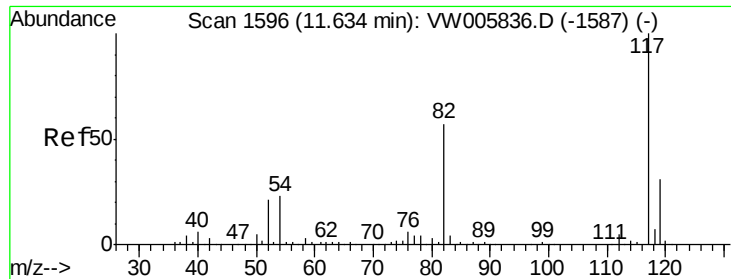
Sig Exp Ratio

95 100

174 84.5

176 82.1

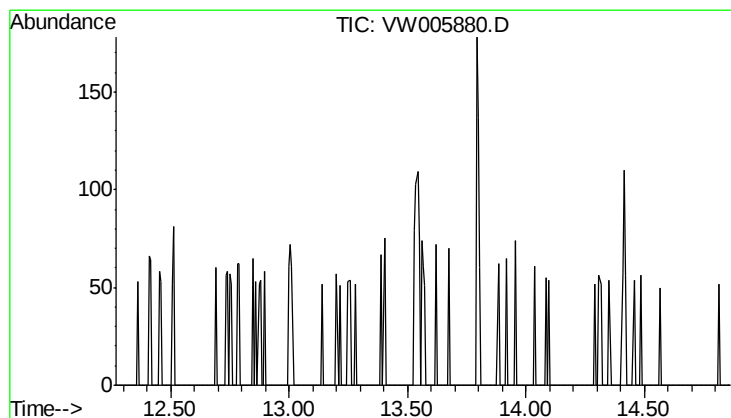
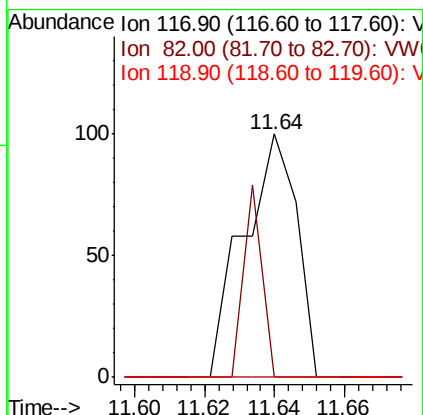
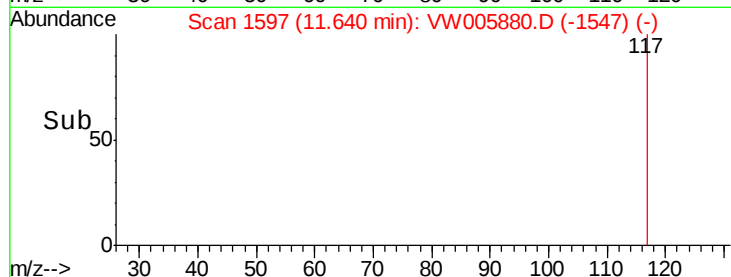
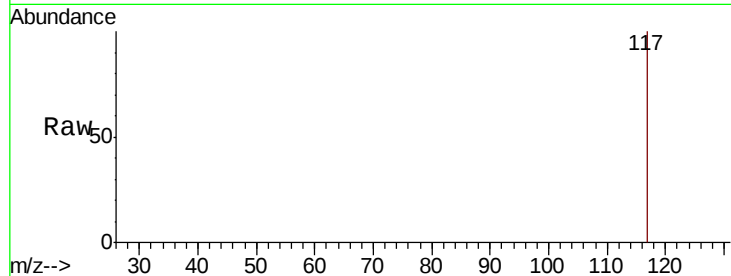




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005880.D
Acq: 05 Oct 2018 05:15

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

Tgt Ion: 117 Resp: 105
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: 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

