

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005882.D
 Acq On : 05 Oct 2018 06:07
 Operator : SY/AP
 Sample : J5179-05RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-GRAVELRE

Quant Time: Oct 05 07:29:59 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	31	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	138	50.00	ug/l	0.01
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	8.32	65	25	66.48	ug/l	0.00
Spiked Amount						
			Recovery	=	132.96%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
50) Toluene-d8	10.33	98	205	41.68	ug/l	0.00
Spiked Amount						
			Recovery	=	83.36%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	

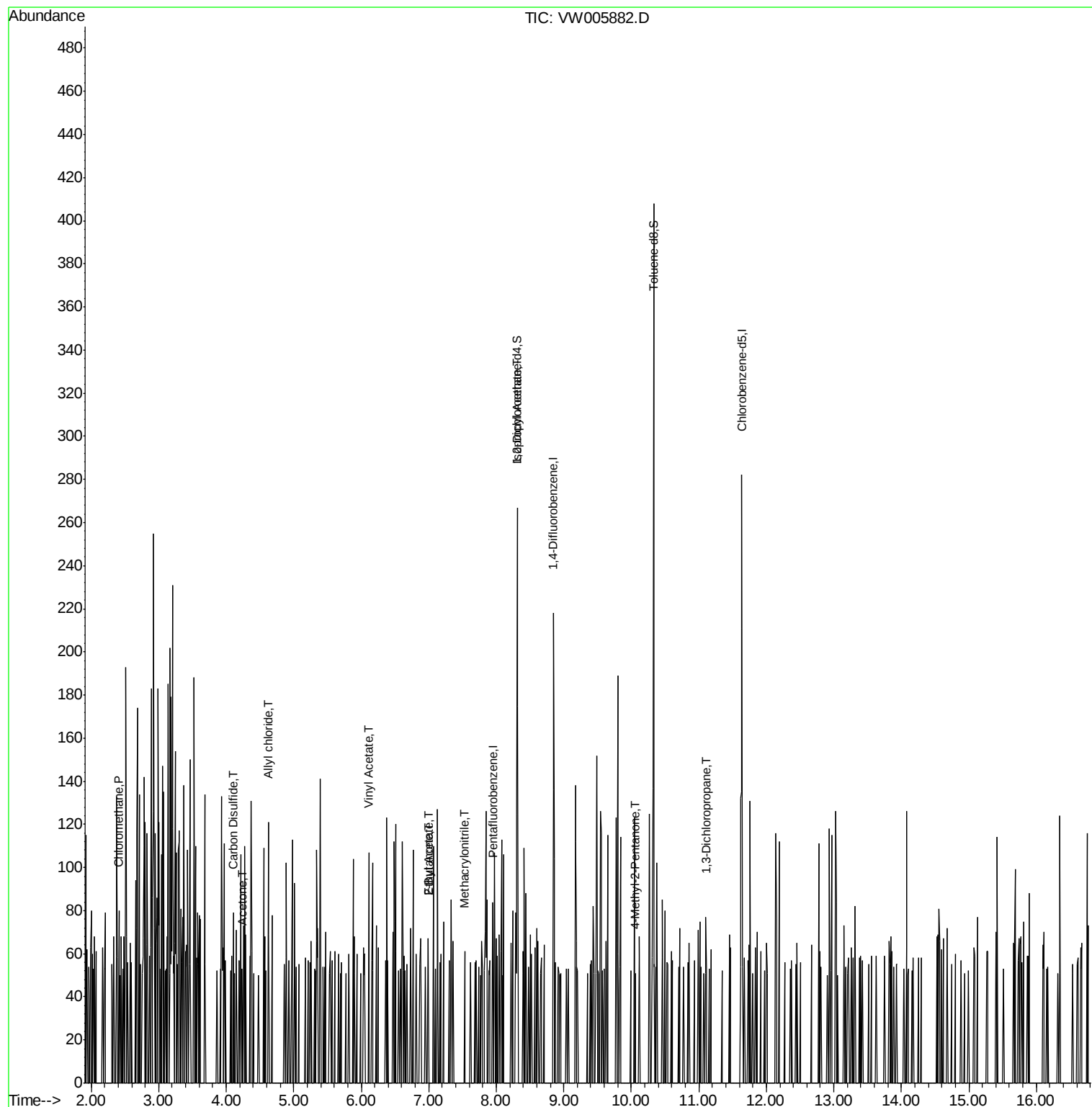
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.41	50	29	135.941	ug/l #	42
14) Allyl chloride	4.62	41	21	44.445	ug/l #	1
16) Acetone	4.23	43	19	302.728	ug/l #	46
17) Carbon Disulfide	4.10	76	29	31.503	ug/l #	76
23) Vinyl Acetate	6.11	43	19	36.070	ug/l #	73
25) 2-Butanone	6.99	43	25	283.165	ug/l #	49
37) Ethyl Acetate	6.99	43	25	31.974	ug/l #	68
41) Methacrylonitrile	7.53	41	22	47.086	ug/l #	24
43) Isopropyl Acetate	8.31	43	19	12.294	ug/l #	51
51) 4-Methyl-2-Pentanone	10.06	43	19	23.631	ug/l #	37
57) 1,3-Dichloropropane	11.10	76	19	10.956	ug/l #	43

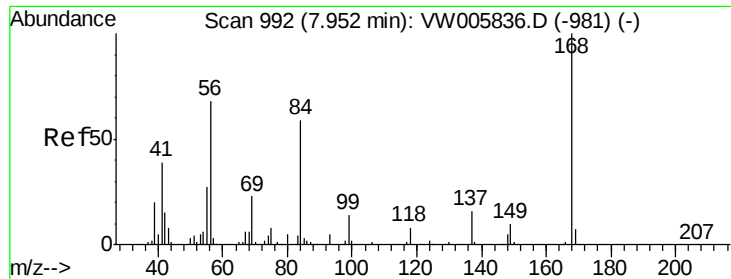
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100618\
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Quant Time: Oct 05 07:29:59 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: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

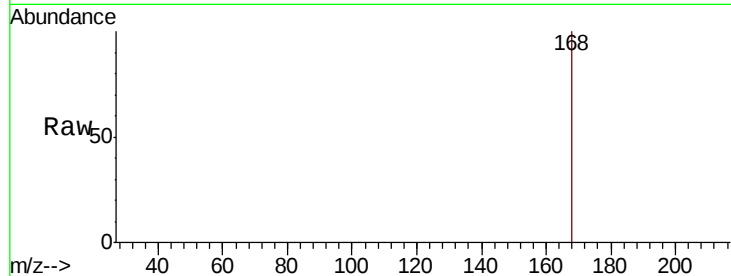
T1-GRAVELRE

Tot Ion:168 Resp: 31

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

80

60

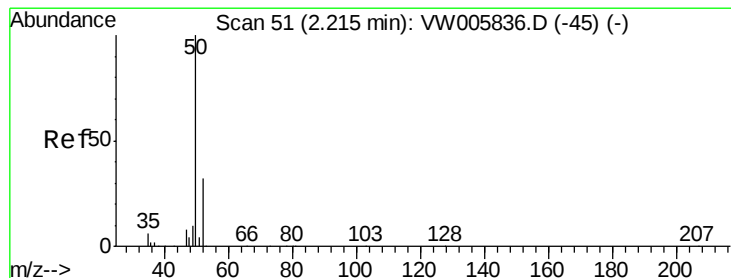
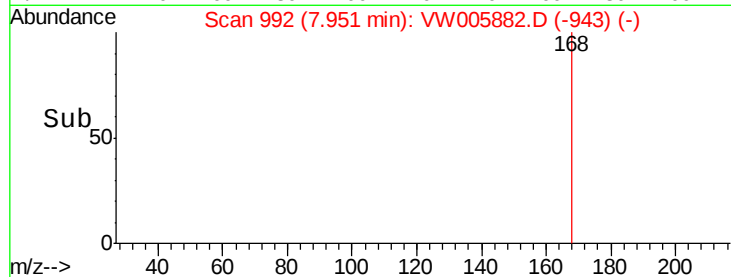
40

20

0

7.93 7.94 7.95 7.96 7.97

Time-->



#3

Chloromethane

Concen: 135.941 ug/l

RT: 2.41 min Scan# 83

Delta R.T. 0.19 min

Lab File: VW005882.D

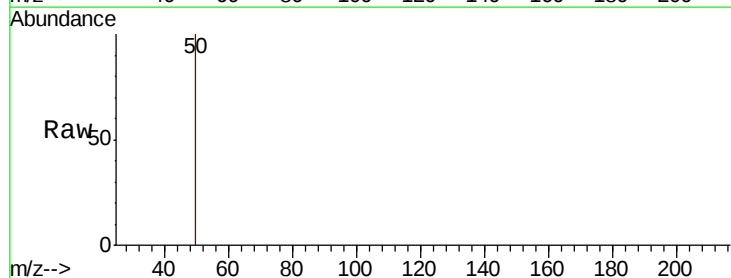
Acq: 05 Oct 2018 06:07

Tgt Ion: 50 Resp: 29

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.41

80

60

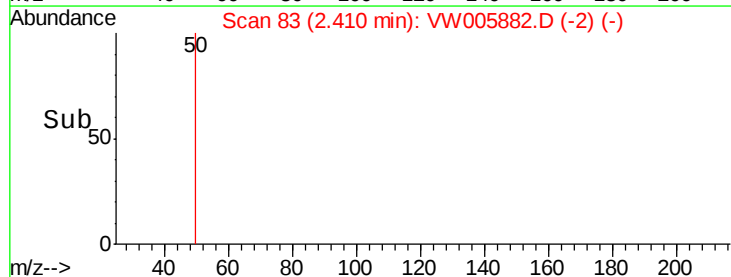
40

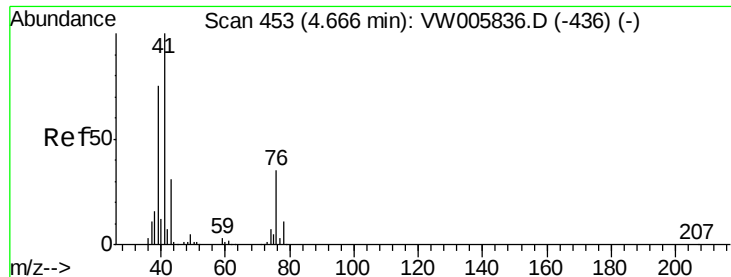
20

0

2.39 2.40 2.41 2.42 2.43

Time-->





#14

Allvl chloride

Concen: 44.445 ug/l

RT: 4.62 min Scan# 446

Delta R.T. -0.04 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

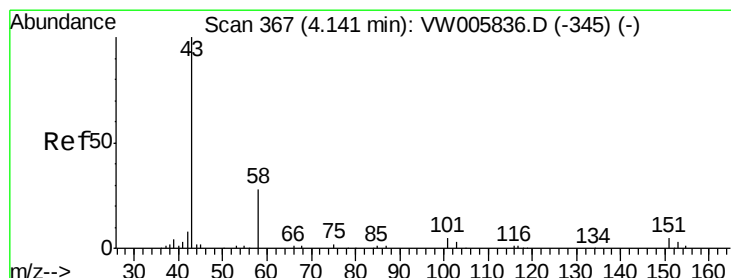
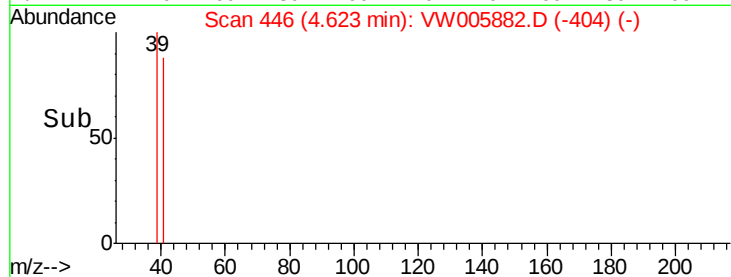
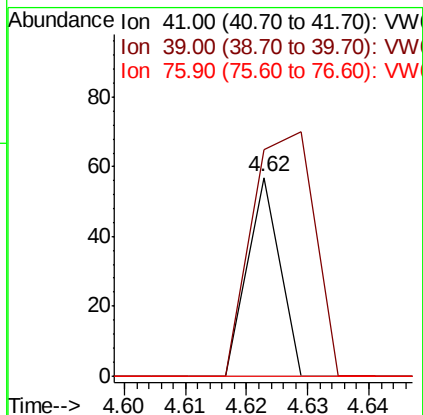
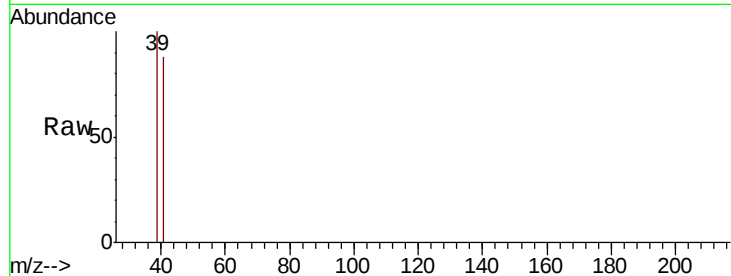
Instrument :

MSVOA_W

ClientSampleId :

T1-GRAVELRE

Tot Ion:	41	Resp:	21
Ion	Ratio	Lower	Upper
41	100		
39	233.3	60.3	90.5#
76	0.0	28.9	43.3#



#16

Acetone

Concen: 302.728 ug/l

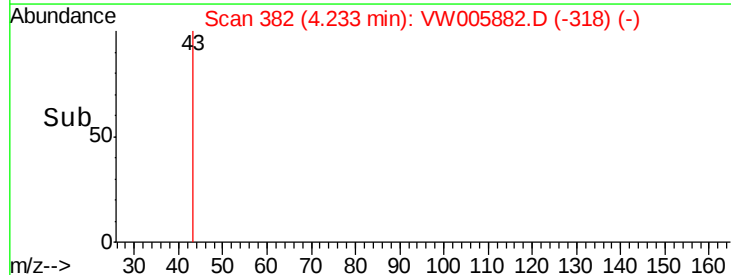
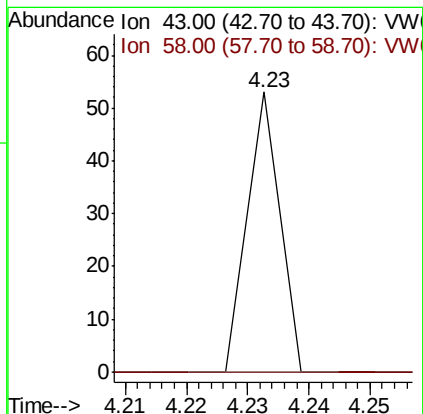
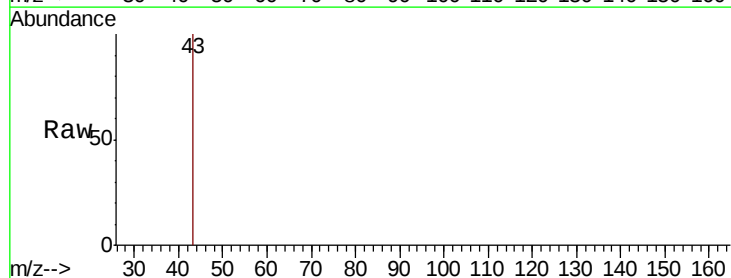
RT: 4.23 min Scan# 382

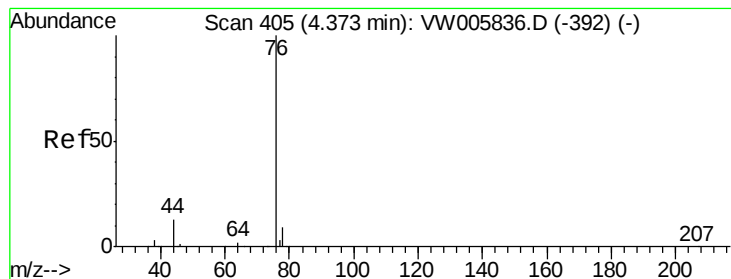
Delta R.T. 0.09 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Tgt Ion:	43	Resp:	19
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.0	34.4#





#17

Carbon Disulfide

Concen: 31.503 ug/l

RT: 4.10 min Scan# 361

Delta R.T. -0.27 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

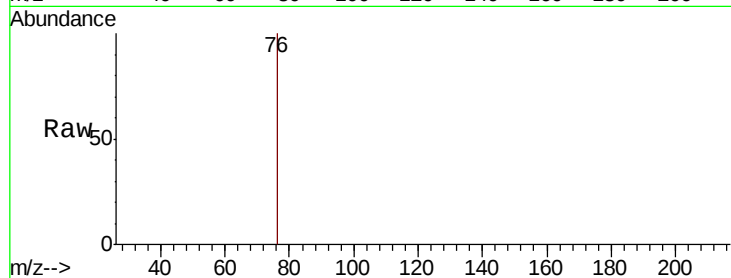
T1-GRAVELRE

Tot Ion: 76 Resp: 29

Ion Ratio Lower Upper

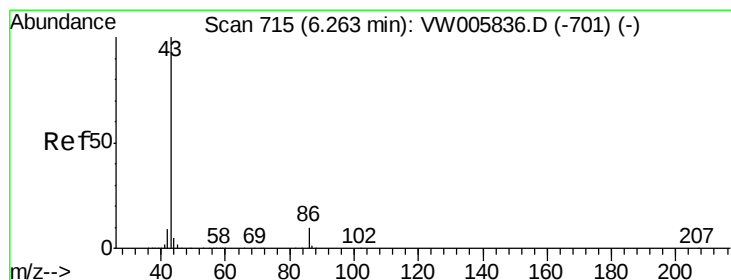
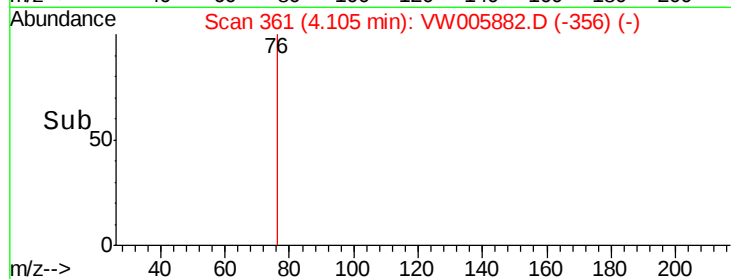
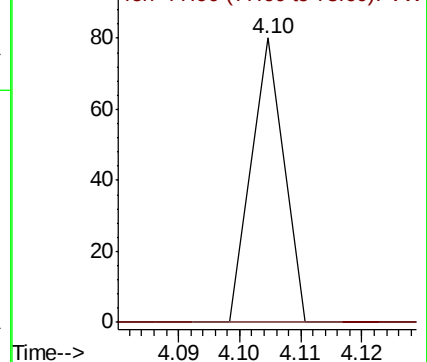
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#23

Vinyl Acetate

Concen: 36.070 ug/l

RT: 6.11 min Scan# 690

Delta R.T. -0.15 min

Lab File: VW005882.D

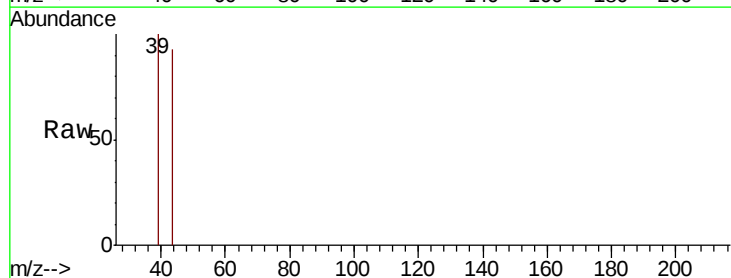
Acq: 05 Oct 2018 06:07

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

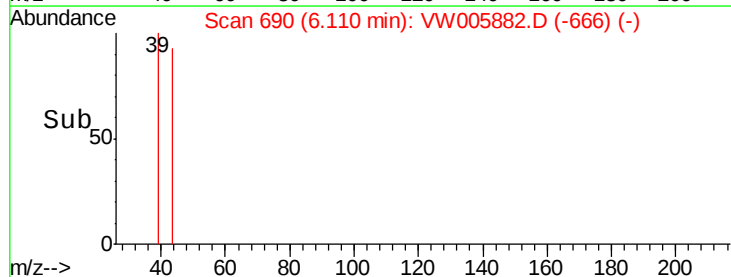
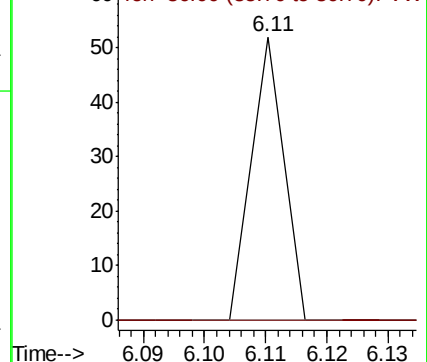
43 100

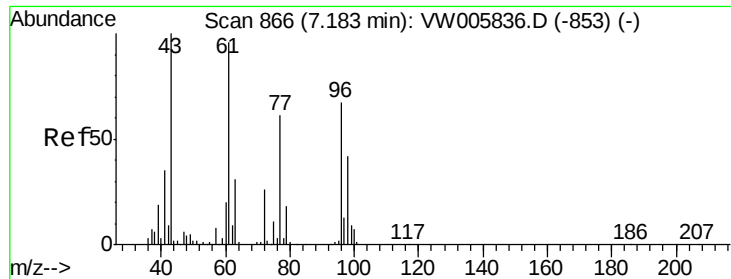
86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

2-Butanone

Concen: 283.165 ug/l

RT: 6.99 min Scan# 835

Delta R.T. -0.19 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampled :

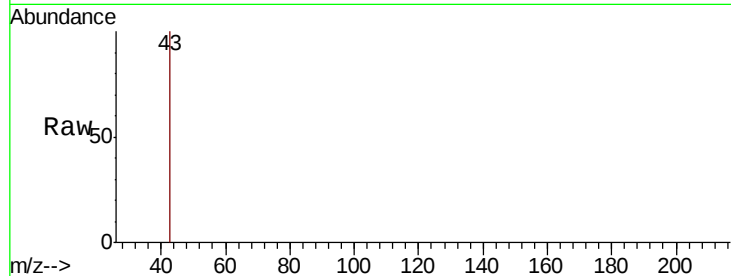
T1-GRAVELRE

Tot Ion: 43 Resp: 25

Ion Ratio Lower Upper

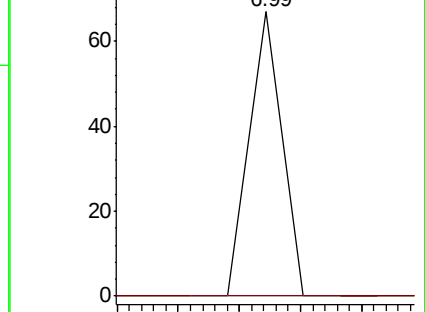
43 100

72 0.0 20.9 31.3#

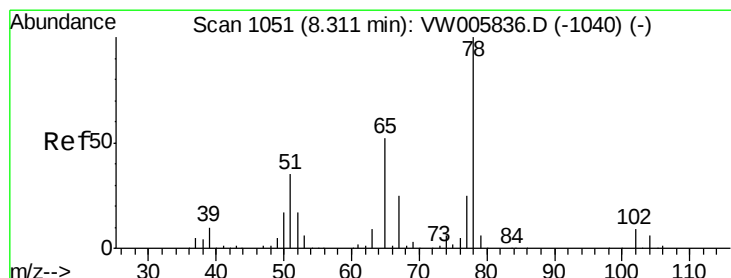
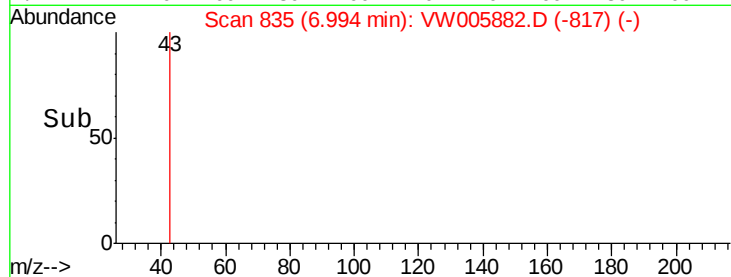


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time--> 6.97 6.98 6.99 7.00 7.01



#33

1,2-Dichloroethane-d4

Concen: 66.475 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005882.D

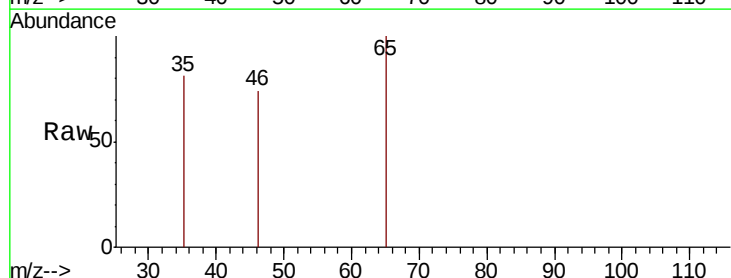
Acq: 05 Oct 2018 06:07

Tgt Ion: 65 Resp: 25

Ion Ratio Lower Upper

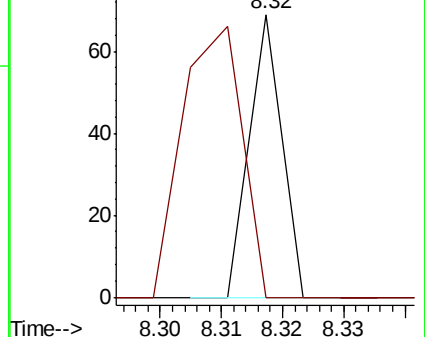
65 100

67 180.0 0.0 98.0#

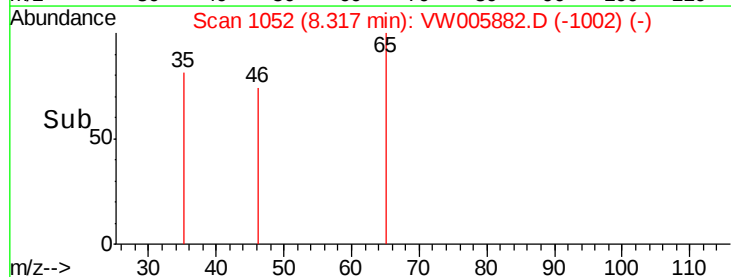


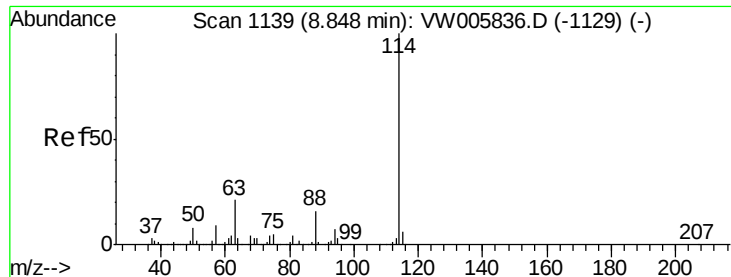
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time--> 8.30 8.31 8.32 8.33

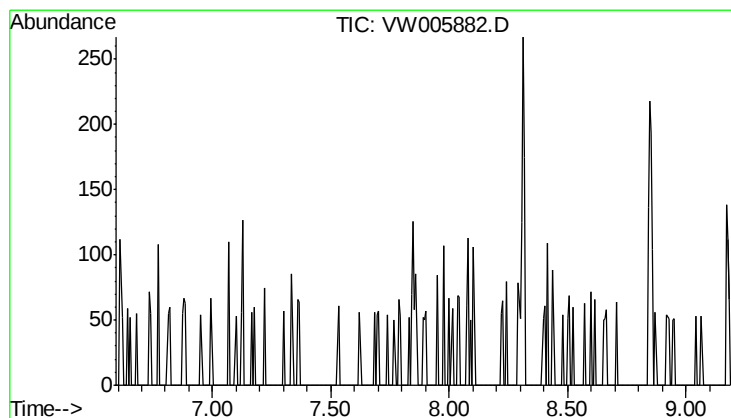
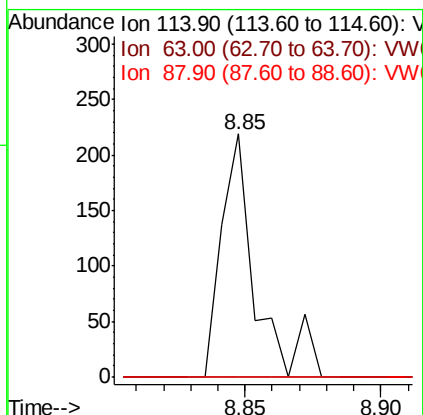
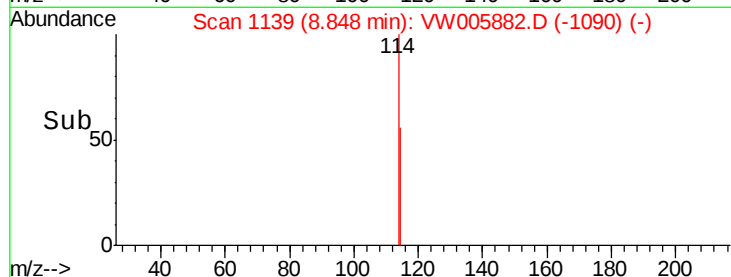
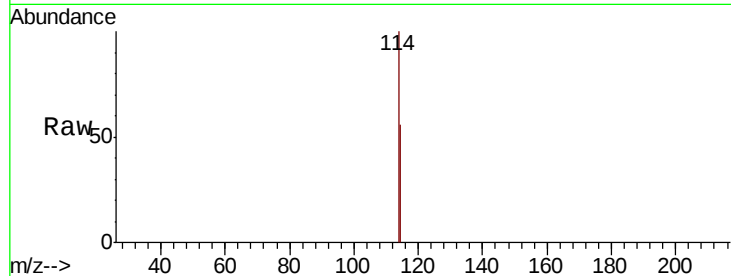




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005882.D
 Acq: 05 Oct 2018 06:07

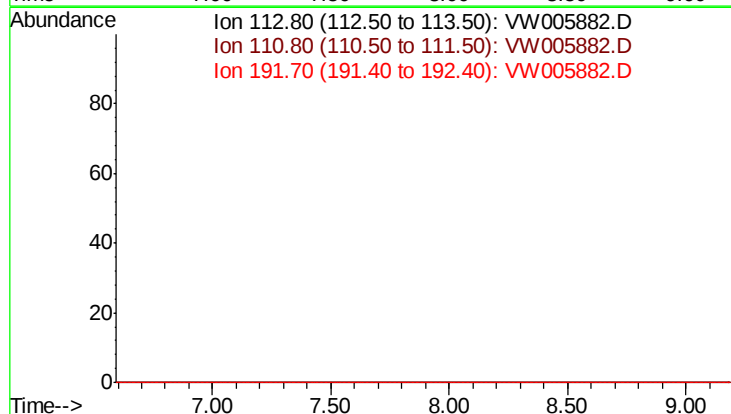
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-GRAVELRE

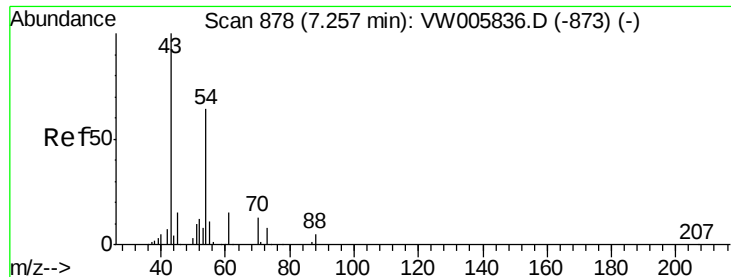
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	42.0
88	0.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW005882.D
 Acq: 05 Oct 2018 06:07

Tgt Ion	Exp Ratio
113	100
111	101.8
192	21.6





#37

Ethyl Acetate

Concen: 31.974 ug/l

RT: 6.99 min Scan# 835

Delta R.T. -0.26 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

T1-GRAVELRE

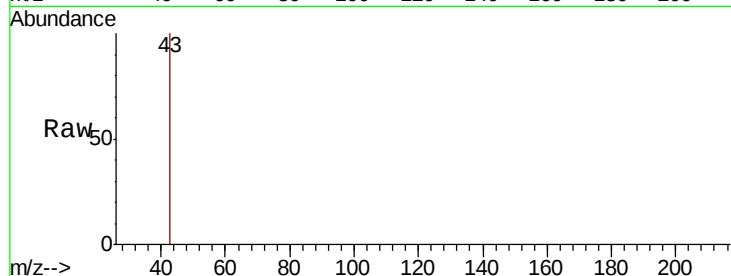
Tot Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

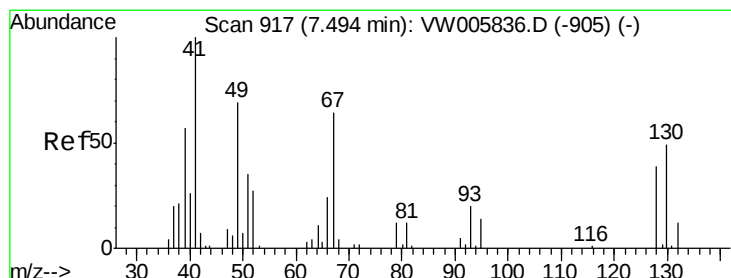
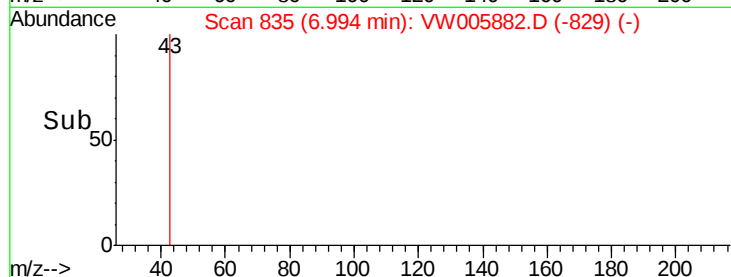
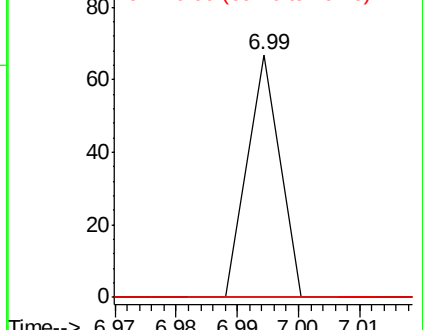
70 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#41

Methacrylonitrile

Concen: 47.086 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.04 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Tgt Ion: 41 Resp: 22

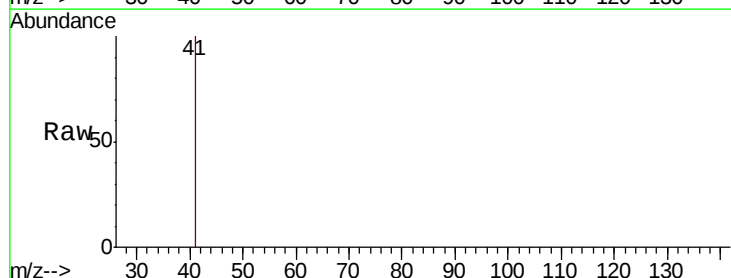
Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

67 0.0 53.6 80.4#

52 0.0 23.9 35.9#

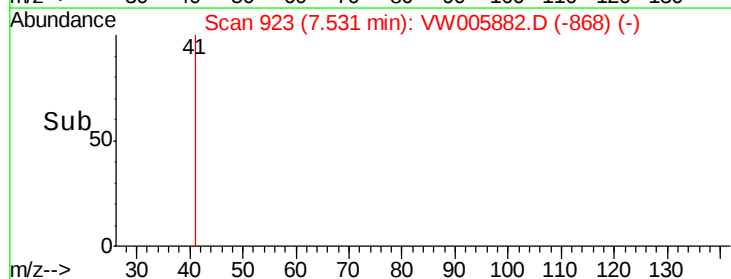
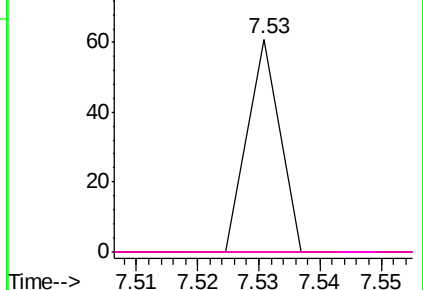


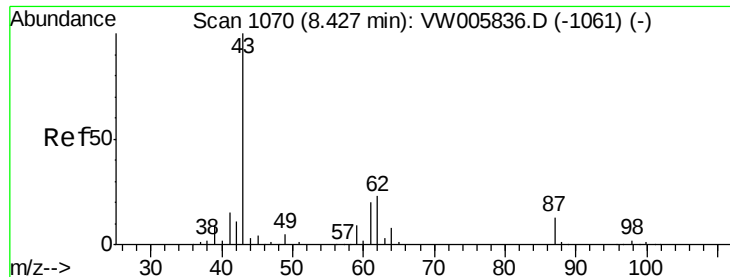
Abundance Ion 41.00 (40.70 to 41.70): VW

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: 12.294 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.12 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

T1-GRAVELRE

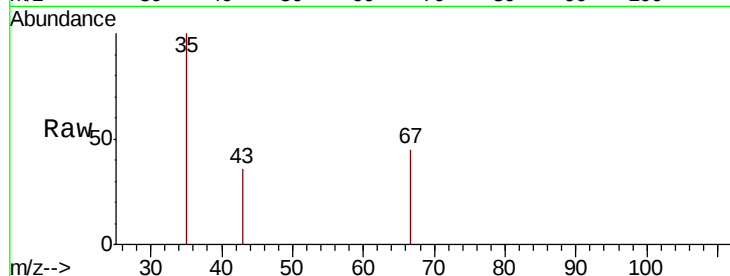
Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

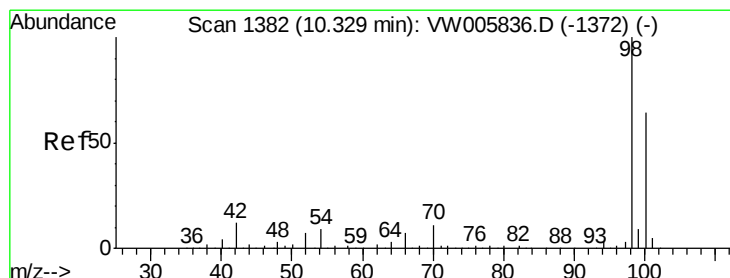
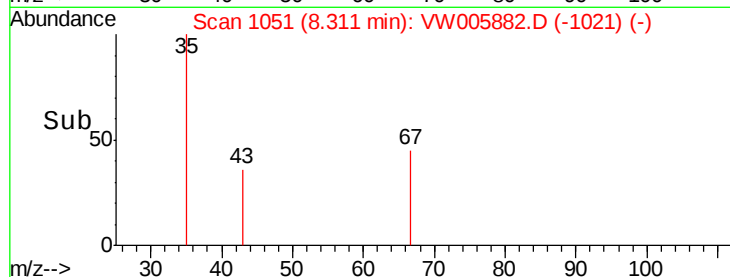
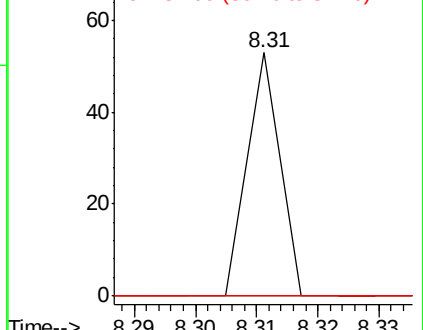
87 0.0 10.6 16.0#



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: 41.676 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005882.D

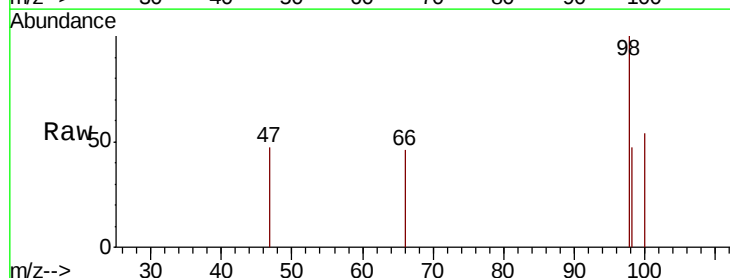
Acq: 05 Oct 2018 06:07

Tgt Ion: 98 Resp: 205

Ion Ratio Lower Upper

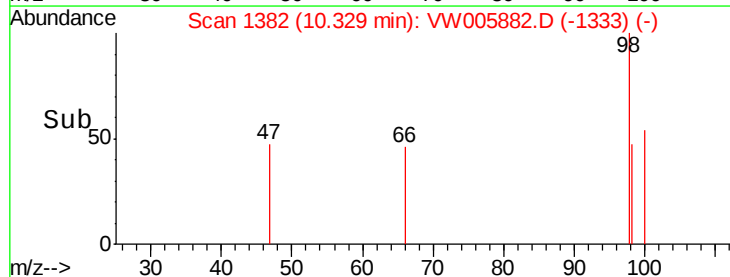
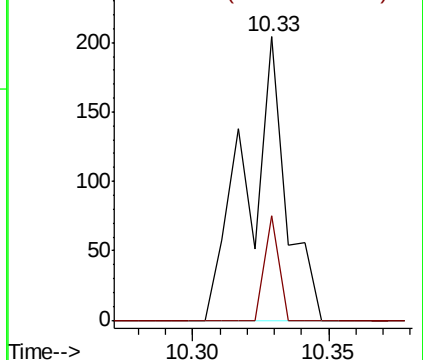
98 100

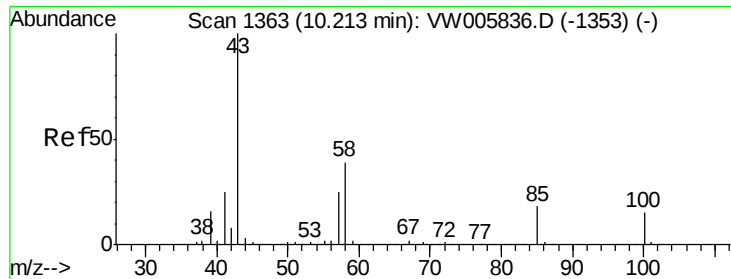
100 13.2 51.7 77.5#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 23.631 ug/l

RT: 10.06 min Scan# 1338

Delta R.T. -0.15 min

Lab File: VW005882.D

Acq: 05 Oct 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

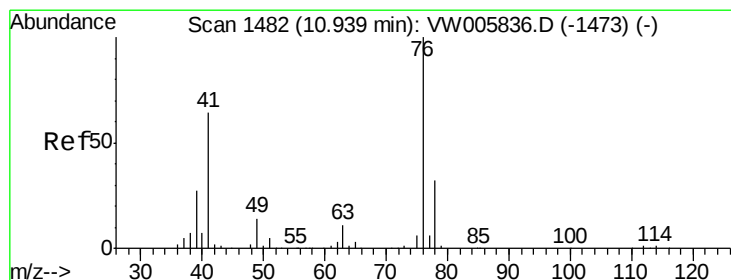
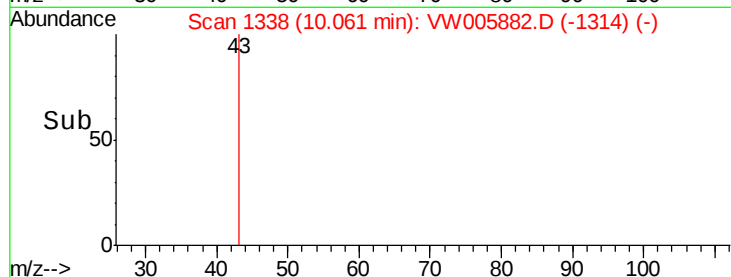
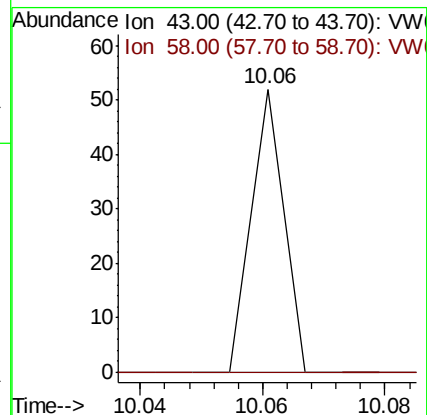
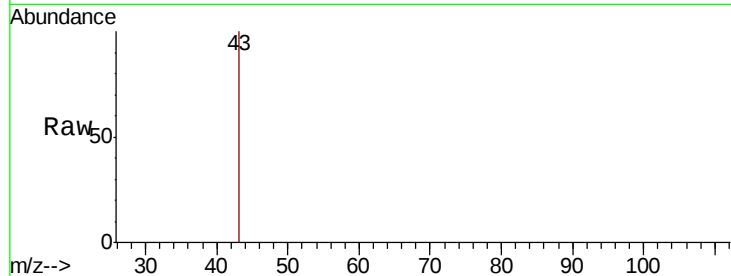
T1-GRAVELRE

Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

58 0.0 30.6 45.8#



#57

1,3-Dichloropropane

Concen: 10.956 ug/l

RT: 11.10 min Scan# 1508

Delta R.T. 0.16 min

Lab File: VW005882.D

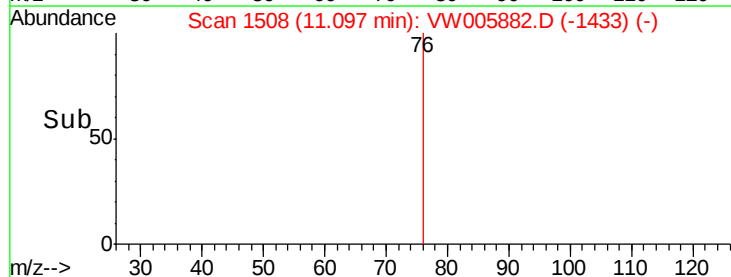
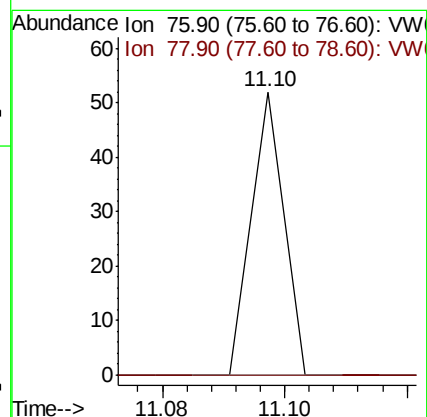
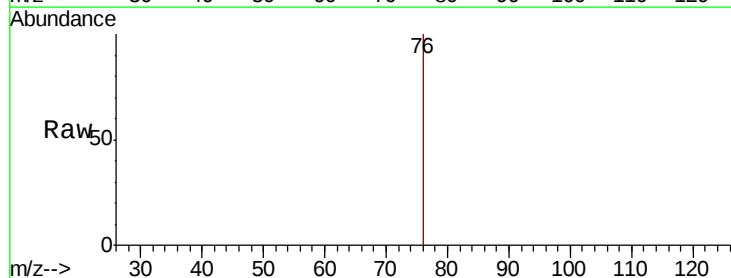
Acq: 05 Oct 2018 06:07

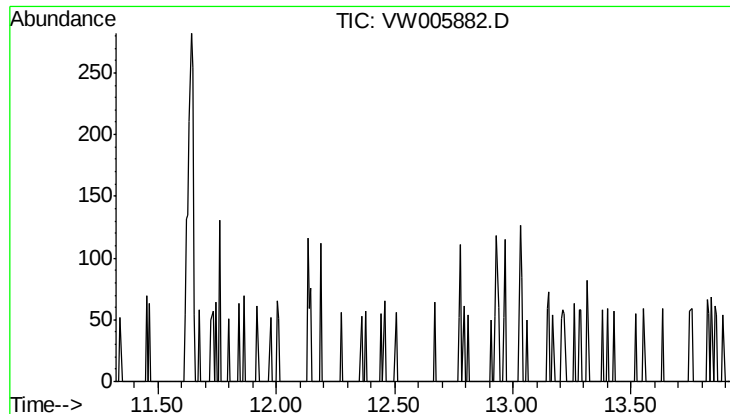
Tgt Ion: 76 Resp: 19

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

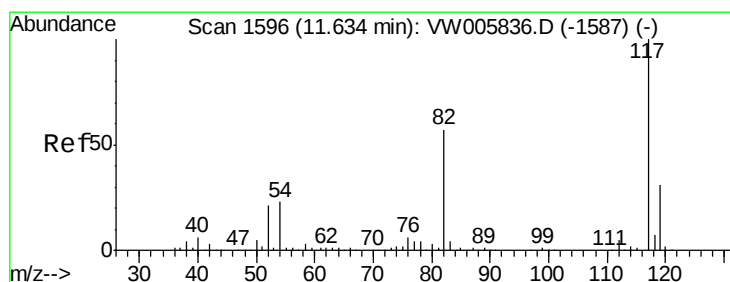
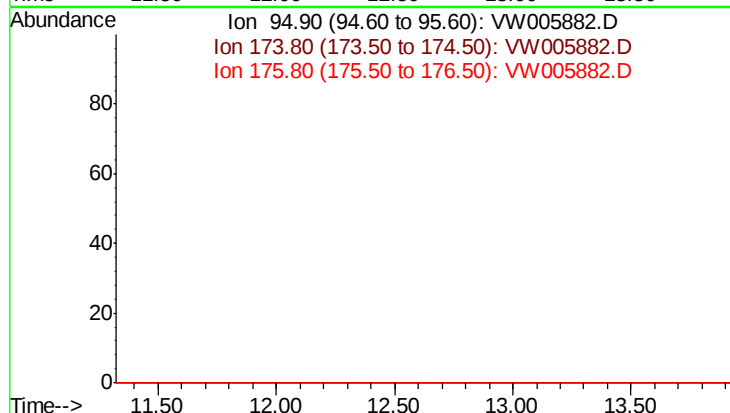




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.62 min
 Lab File: VW005882.D
 Acq: 05 Oct 2018 06:07

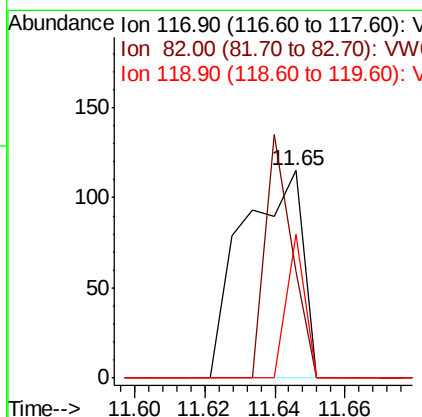
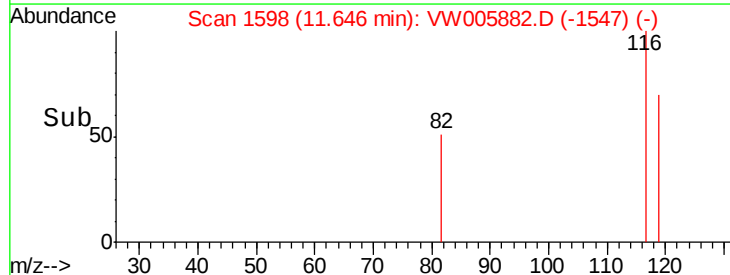
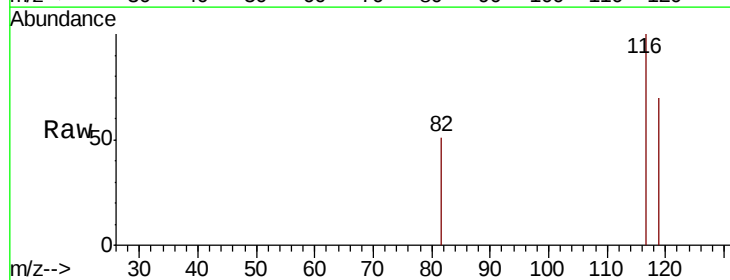
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-GRAVELRE

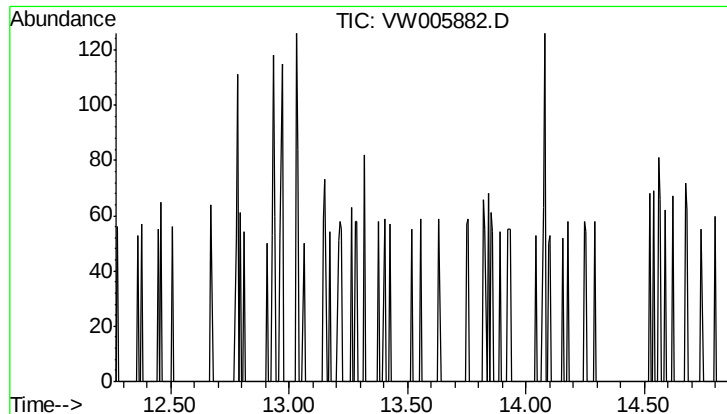
Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 84.5
 176 82.1



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: VW005882.D
 Acq: 05 Oct 2018 06:07

Tgt Ion:117 Resp: 138
 Ion Ratio Lower Upper
 117 100
 82 51.3 45.6 68.4
 119 69.6 25.0 37.6#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.57 min
 Lab File: VW005882.D
 Acq: 05 Oct 2018 06:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-GRAVELRE

Tot Ion	Exp Ratio
152	100
115	59.6
150	174.7

