

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003727.D
 Acq On : 05 Jul 2018 17:52
 Operator : SY/AP
 Sample : J3845-06
 Misc : 5.00G/7ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:36:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	17407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	25704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	10365	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.89	113	8719	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.33	98	22123	33.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.24%	
62) 4-Bromofluorobenzene	12.63	95	7712	32.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.24%	

Target Compounds

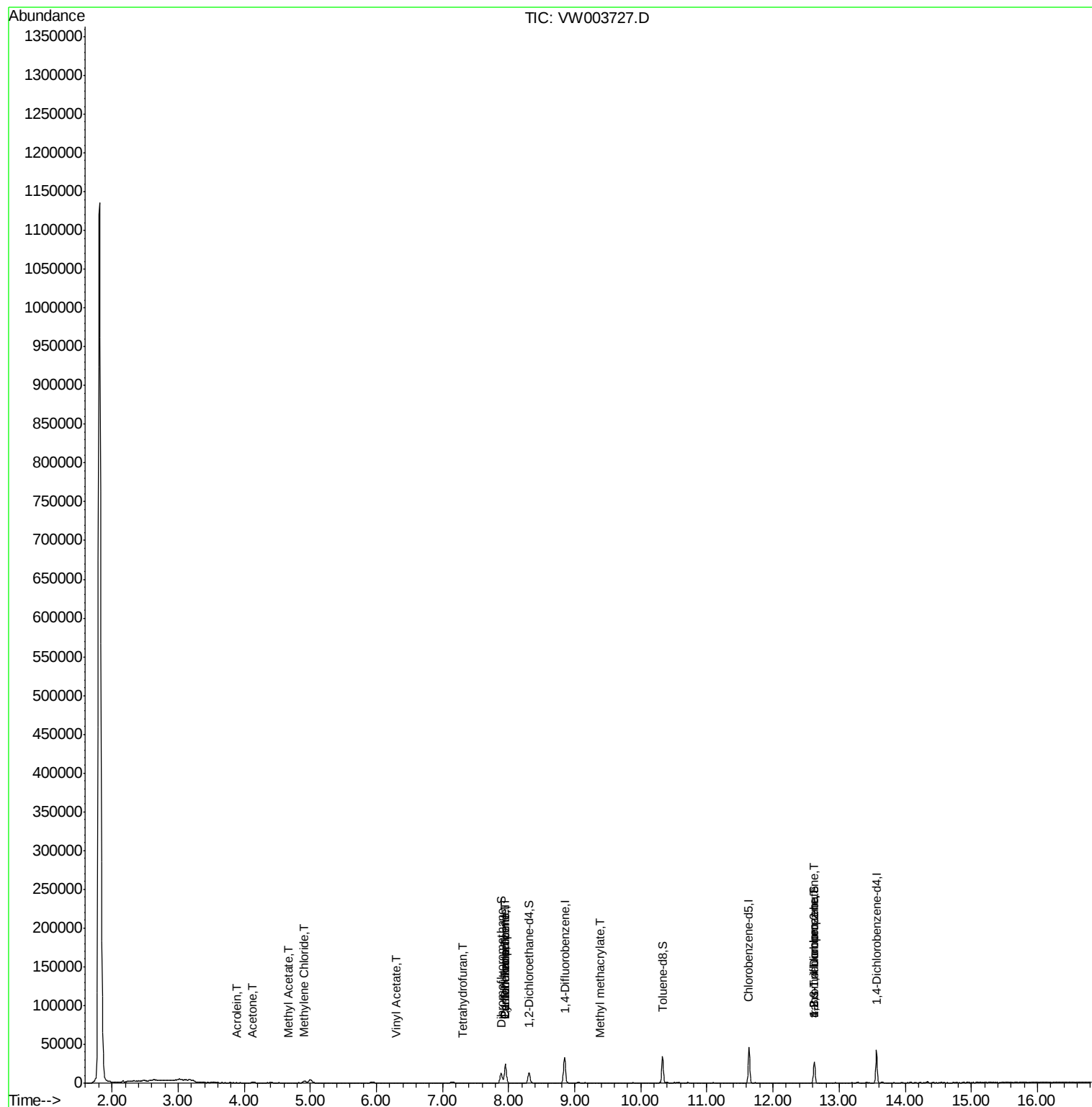
					Qvalue	
13) Acrolein	3.89	56	23	3.650	ug/l #	1
16) Acetone	4.13	43	1917	38.697	ug/l	93
18) Methyl Acetate	4.67	43	55	1.231	ug/l #	53
20) Methylene Chloride	4.91	84	1485	4.809	ug/l #	69
23) Vinyl Acetate	6.30	43	41	13.961	ug/l #	74
29) Tetrahydrofuran	7.31	42	44	1.157	ug/l #	36
31) Cyclohexane	7.96	56	498	1.570	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	1520	5.891	ug/l #	49
38) Carbon Tetrachloride	7.95	117	1851	7.541	ug/l #	20
48) Methyl methacrylate	9.39	41	47	3.715	ug/l #	23
76) 1,2,3-Trichloropropane	12.63	75	3981	42.630	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	3981	90.330	ug/l #	9

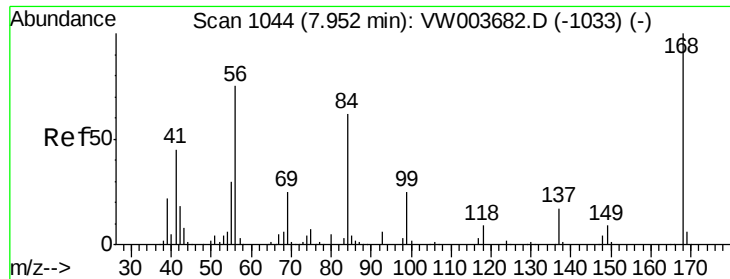
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 02:36:45 2018
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Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

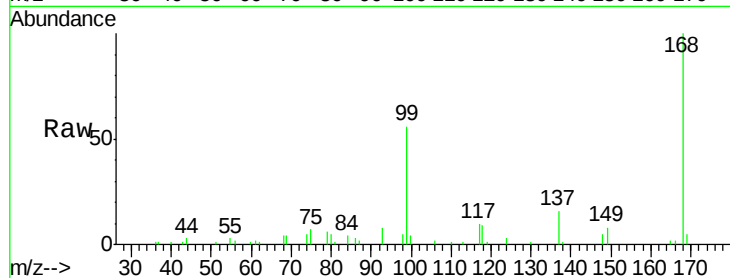
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 17407

Ion Ratio Lower Upper

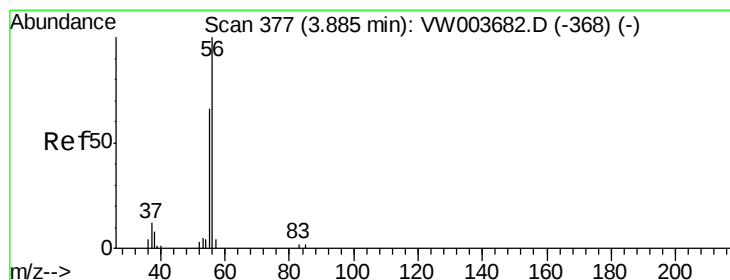
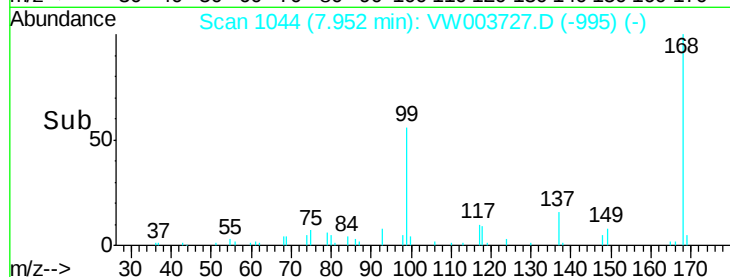
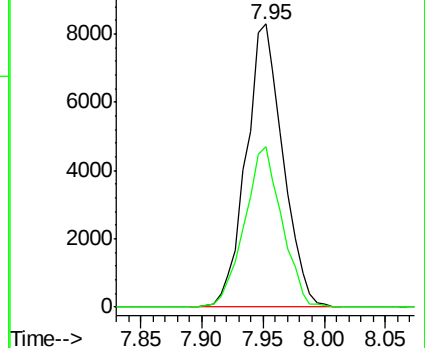
168 100

99 56.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 3.650 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003727.D

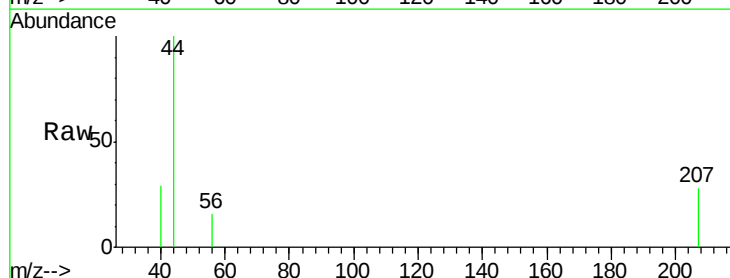
Acq: 05 Jul 2018 17:52

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

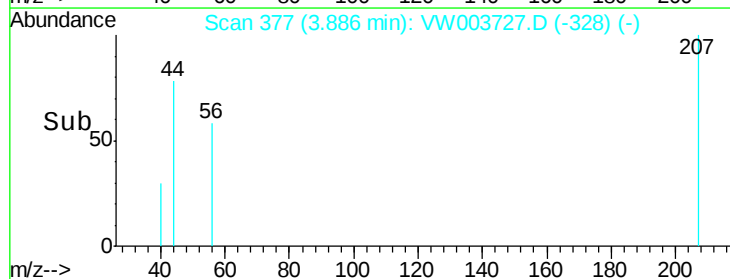
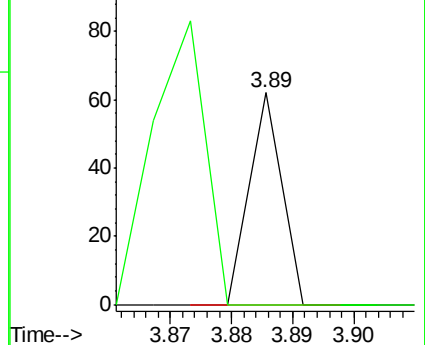
56 100

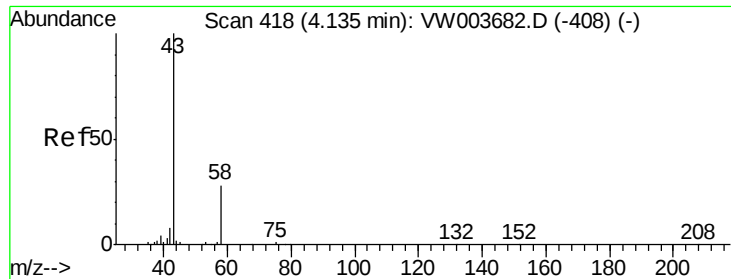
55 217.4 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 38.697 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

Instrument :

MSVOA_W

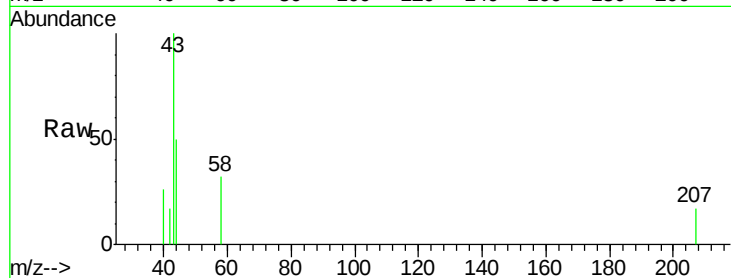
ClientSampled :

Tot Ion: 43 Resp: 1917

Ion Ratio Lower Upper

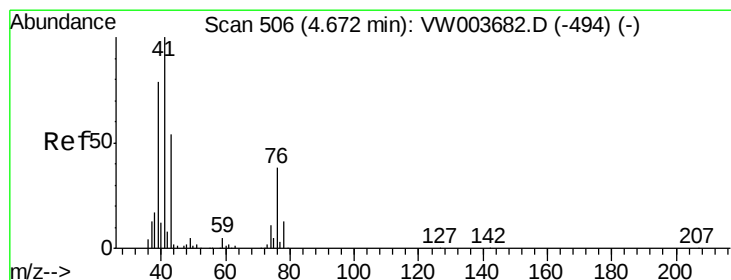
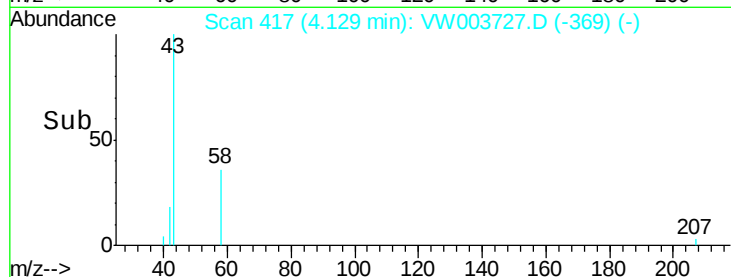
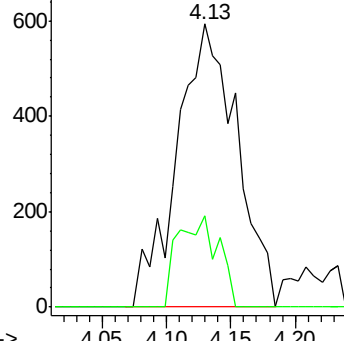
43 100

58 32.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.231 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003727.D

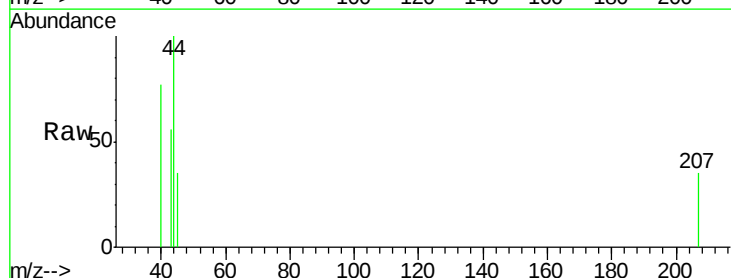
Acq: 05 Jul 2018 17:52

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

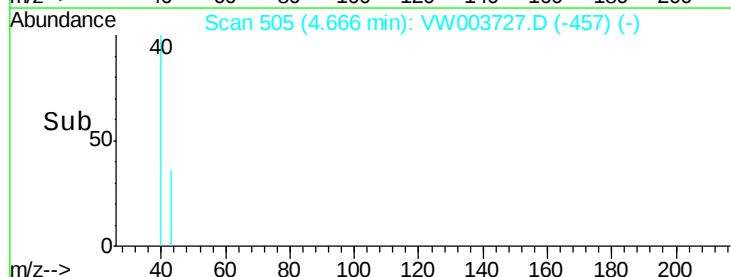
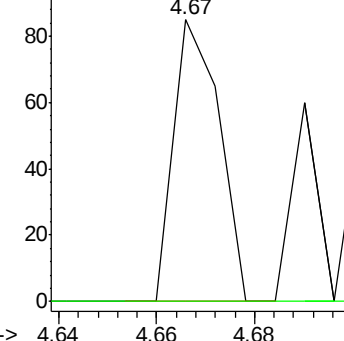
43 100

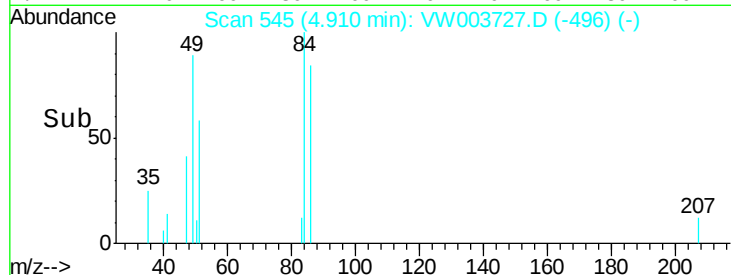
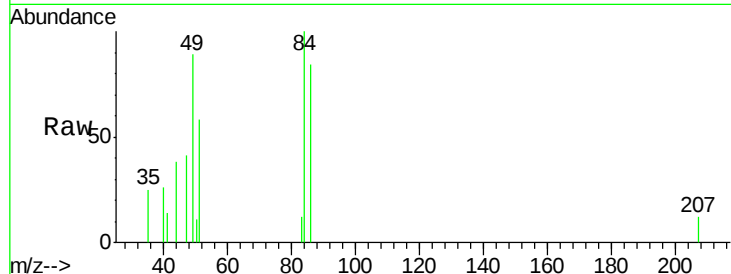
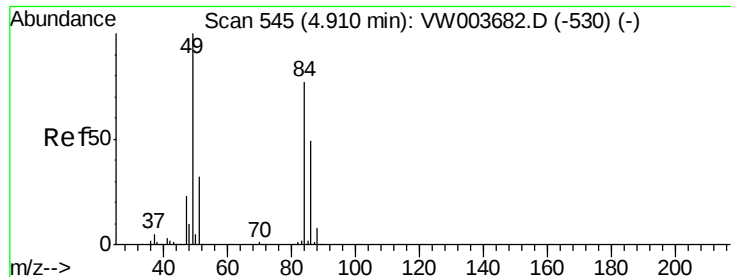
74 0.0 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

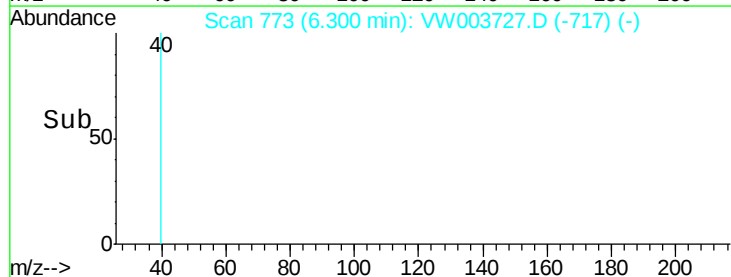
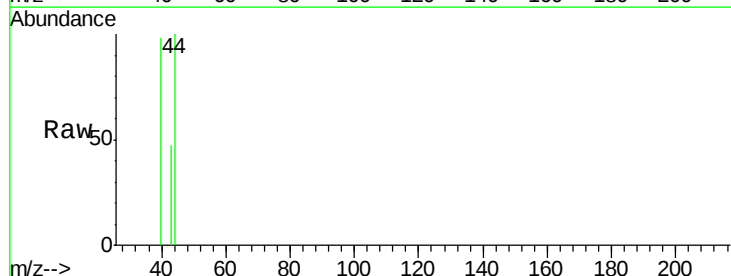
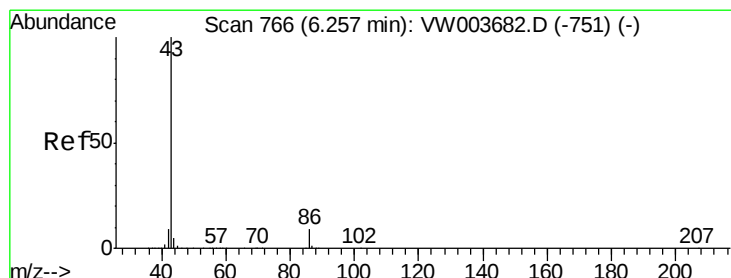
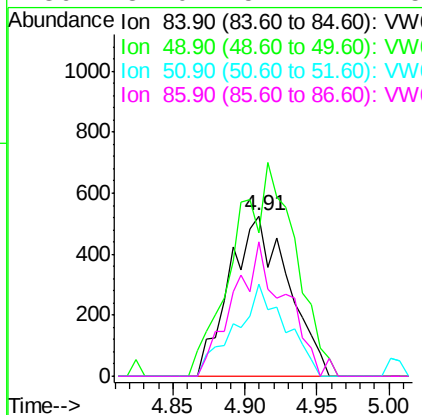




#20
Methylene Chloride
Concen: 4.809 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

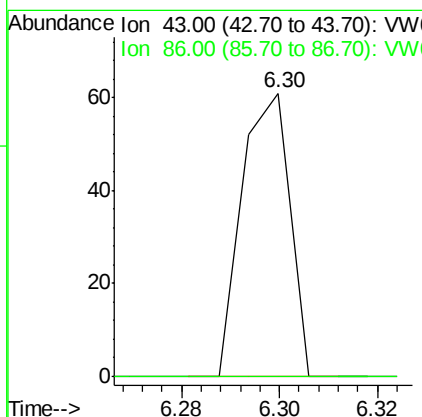
Instrument :
MSVOA_W
ClientSampled :

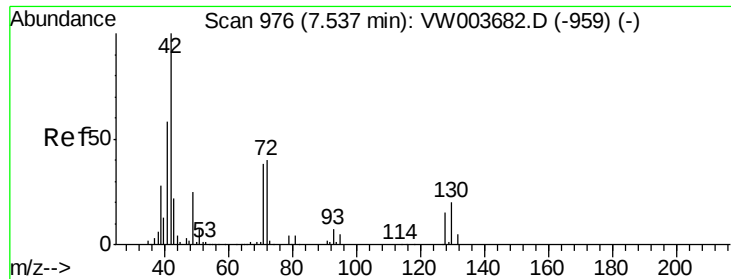
Tot Ion: 84 Resp: 1485
Ion Ratio Lower Upper
84 100
49 89.1 104.6 156.8#
51 57.7 33.2 49.8#
86 84.0 51.7 77.5#



#23
Vinyl Acetate
Concen: 13.961 ug/l
RT: 6.30 min Scan# 773
Delta R.T. 0.04 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#

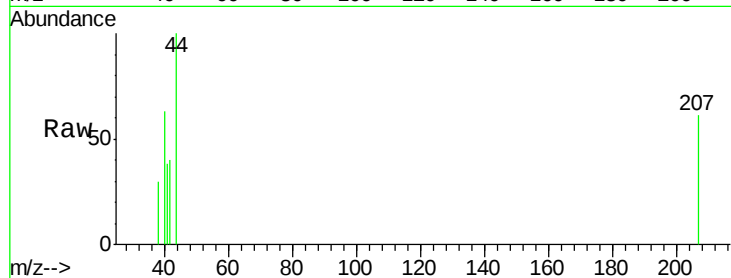




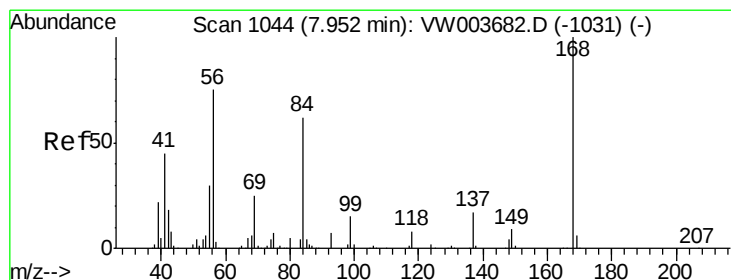
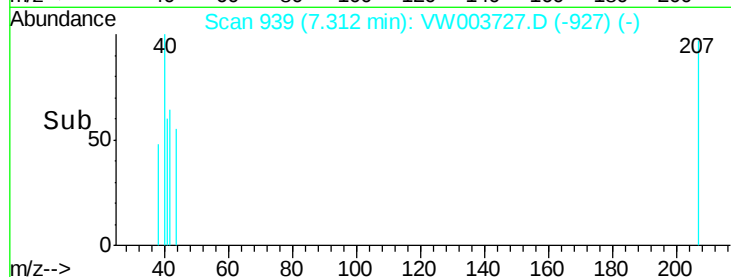
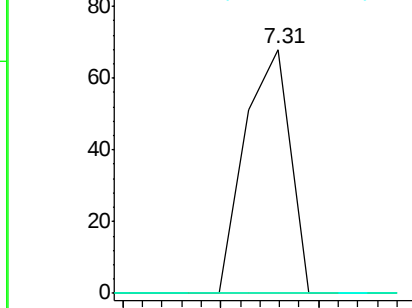
#29
Tetrahydrofuran
Concen: 1.157 ug/l
RT: 7.31 min Scan# 939
Delta R.T. -0.23 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 44
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 30.2 45.2#

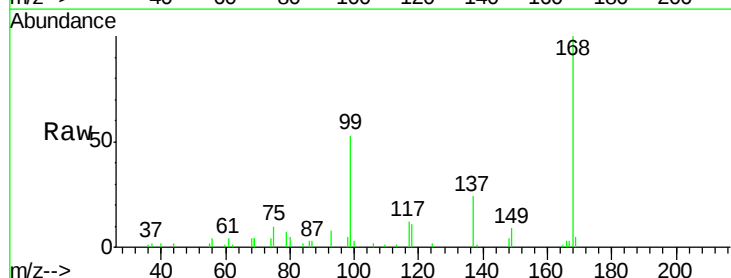


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

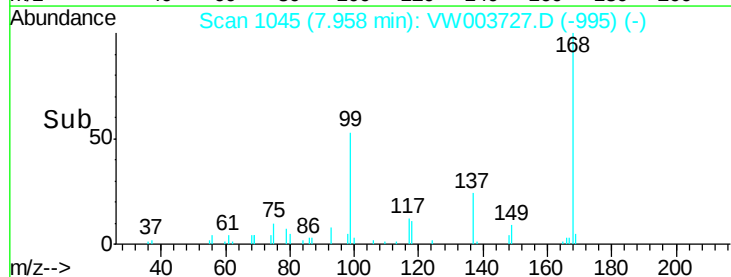
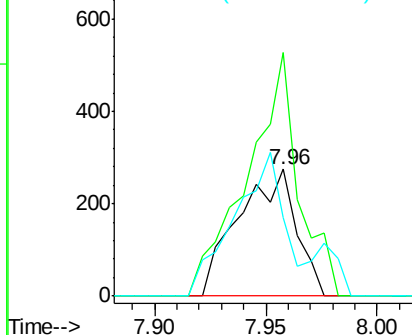


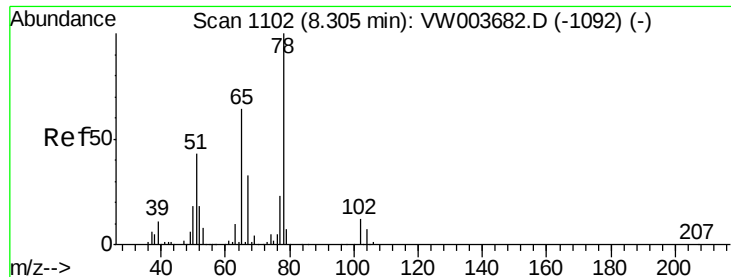
#31
Cyclohexane
Concen: 1.570 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
69 191.6 27.0 40.4#
84 61.5 65.4 98.0#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

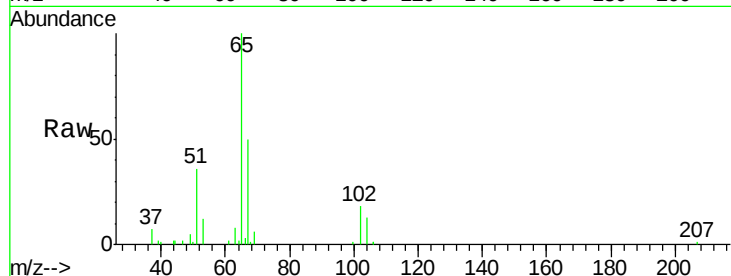
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 65 Resp: 10365

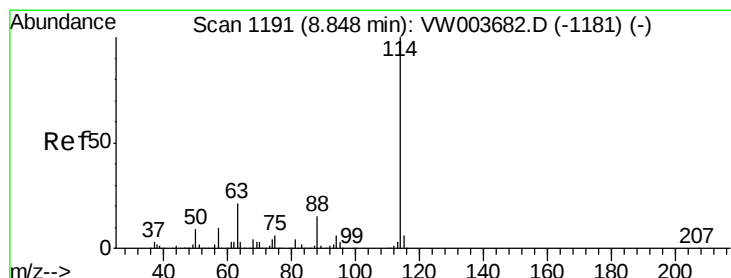
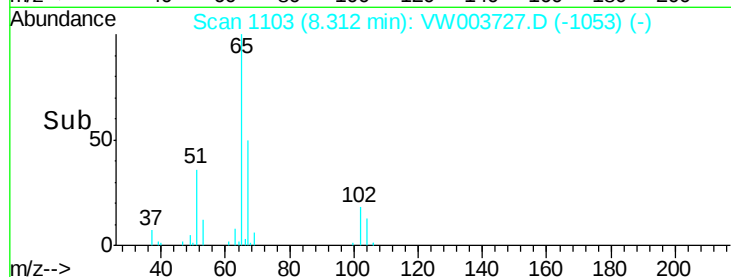
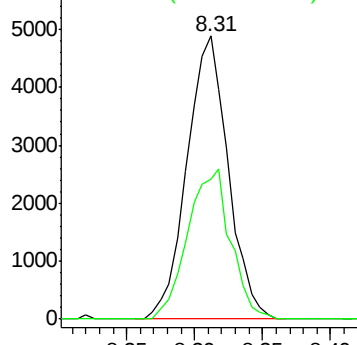
Ion Ratio Lower Upper

65 100

67 55.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

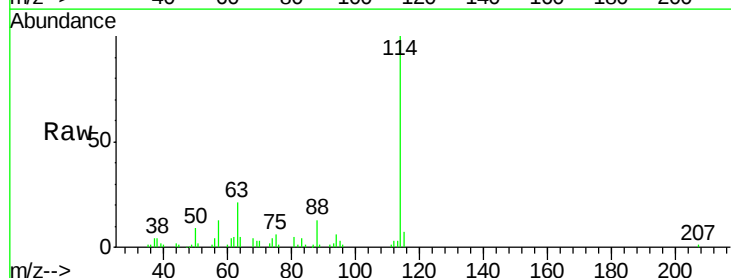
Tgt Ion: 114 Resp: 25704

Ion Ratio Lower Upper

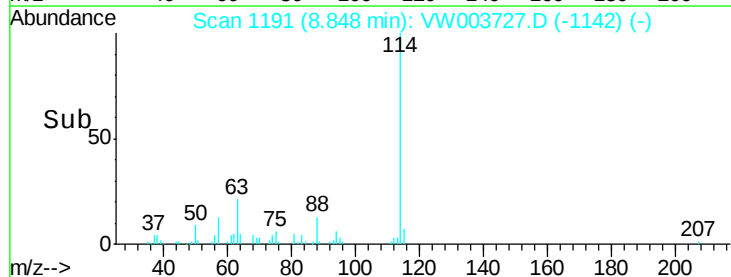
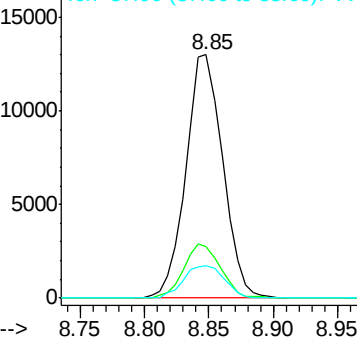
114 100

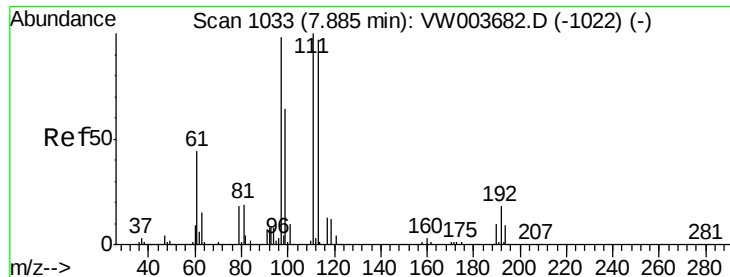
63 20.9 0.0 41.6

88 13.3 0.0 29.8



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





#35

Dibromofluoromethane

Concen: 52.009 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

Instrument :
MSVOA_W
ClientSampled :

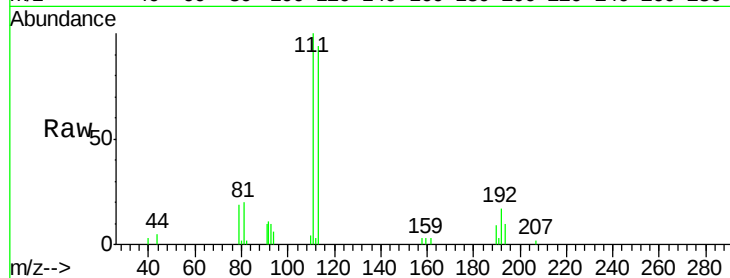
Tot Ion:113 Resp: 8719

Ion Ratio Lower Upper

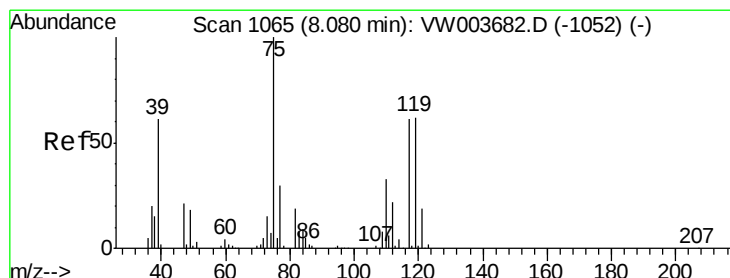
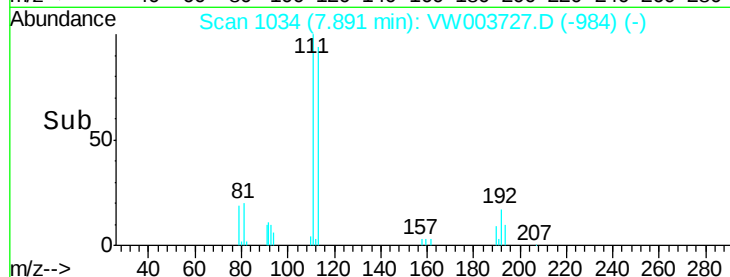
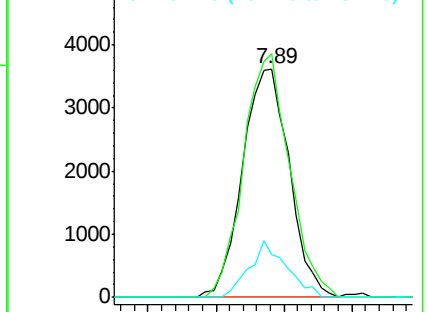
113 100

111 104.6 82.4 123.6

192 19.6 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.891 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

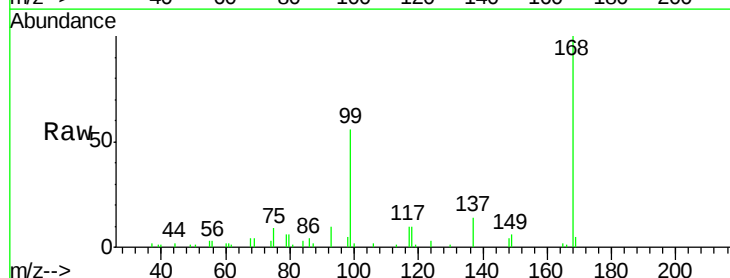
Tgt Ion: 75 Resp: 1520

Ion Ratio Lower Upper

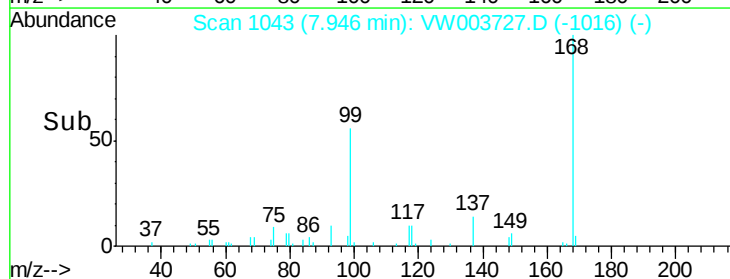
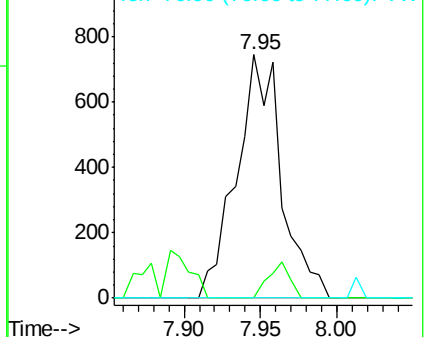
75 100

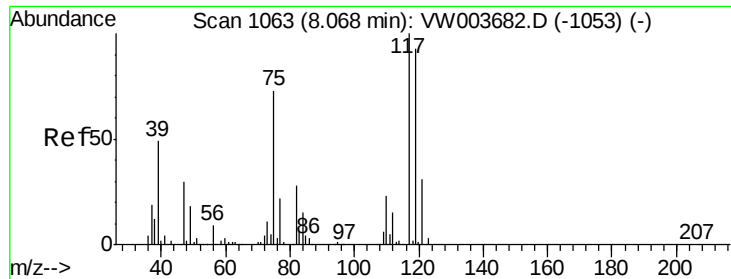
110 7.2 16.9 50.6#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

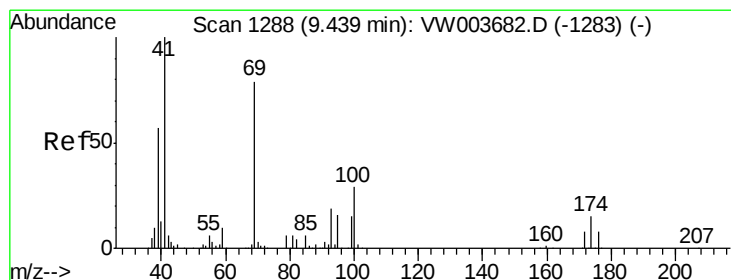
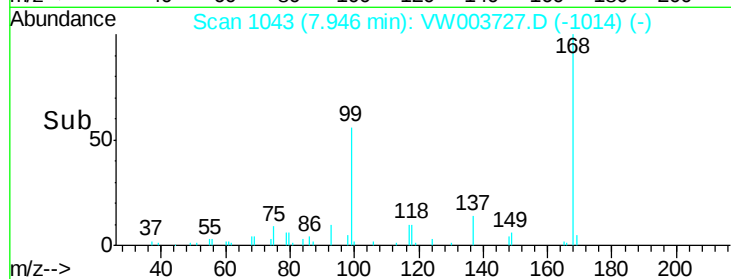
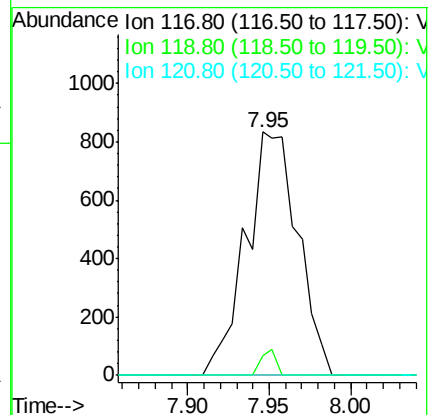
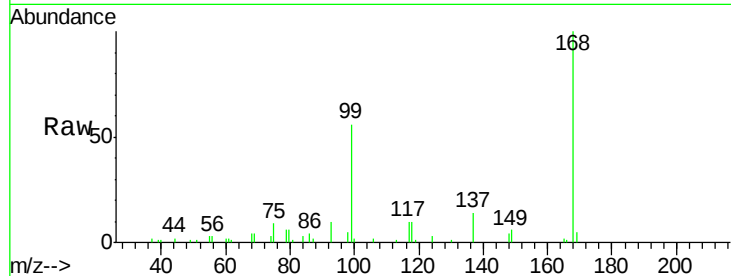




#38
Carbon Tetrachloride
Concen: 7.541 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

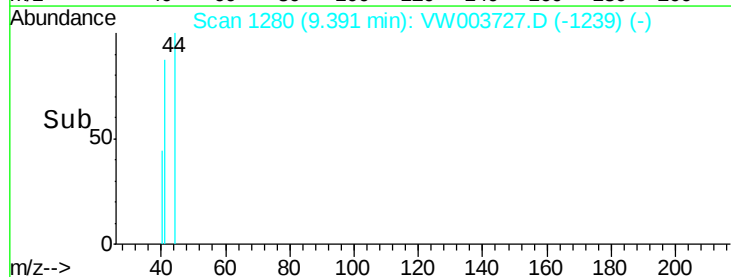
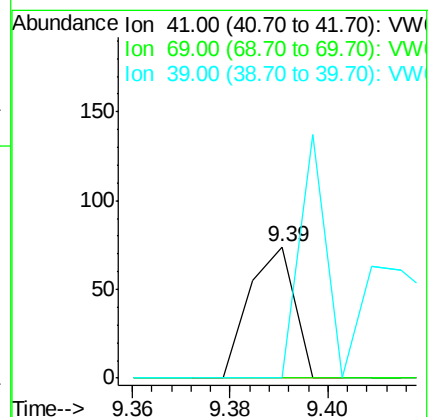
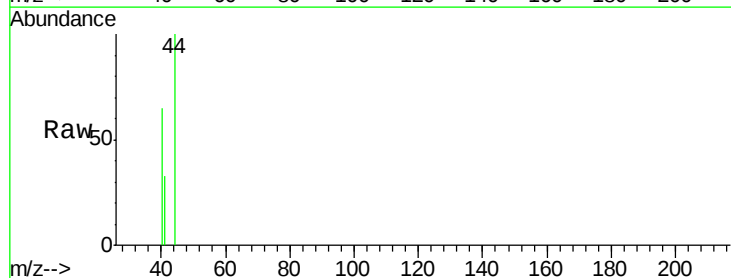
Instrument :
MSVOA_W
ClientSampled :

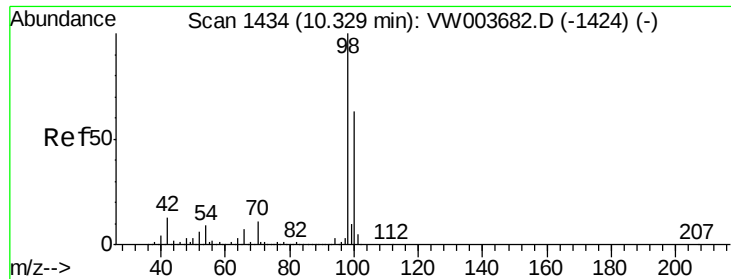
Tot Ion:117 Resp: 1851
Ion Ratio Lower Upper
117 100
119 8.3 74.1 111.1#
121 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 3.715 ug/l
RT: 9.39 min Scan# 1280
Delta R.T. -0.05 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 106.4 50.0 75.0#





#50

Toluene-d8

Concen: 33.616 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

Instrument :

MSVOA_W

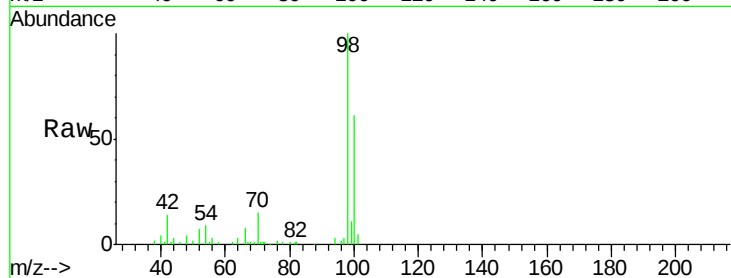
ClientSampled :

Tot Ion: 98 Resp: 22123

Ion Ratio Lower Upper

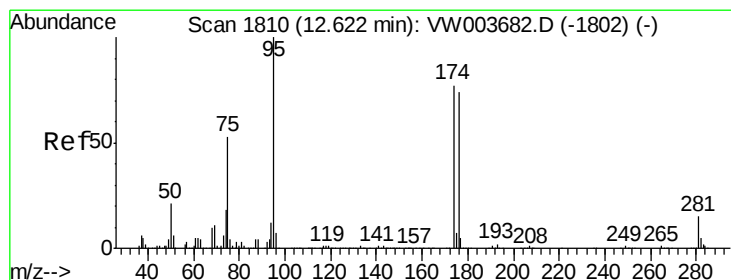
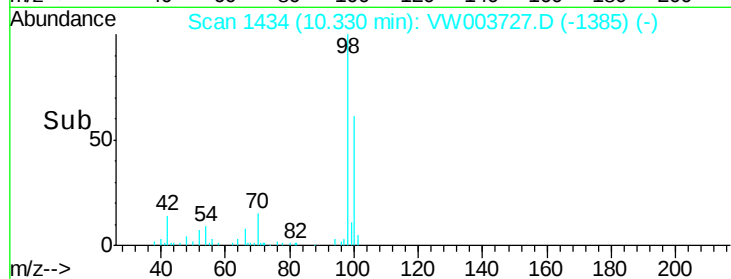
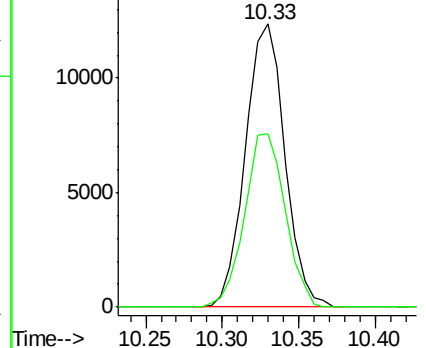
98 100

100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 32.618 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

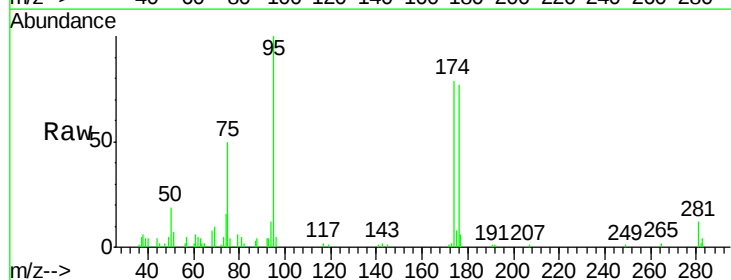
Tgt Ion: 95 Resp: 7712

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.2

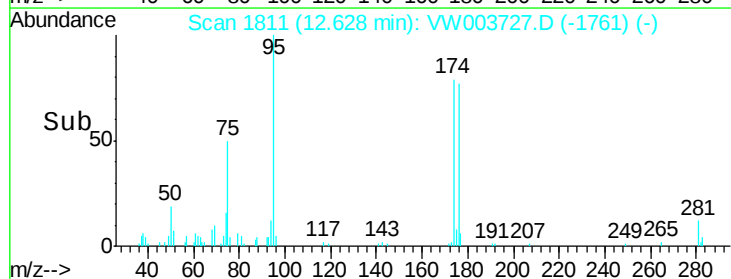
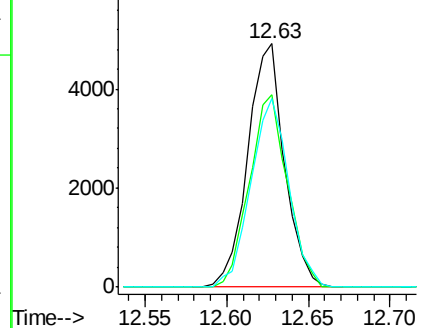
176 79.8 0.0 155.0

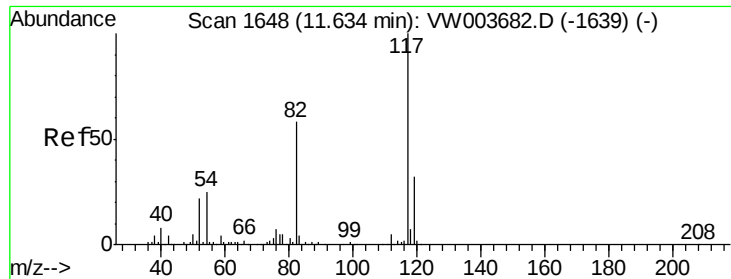


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

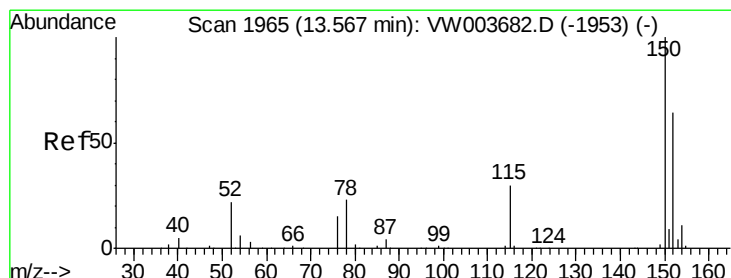
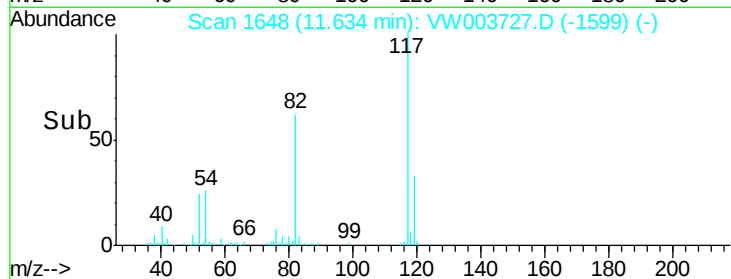
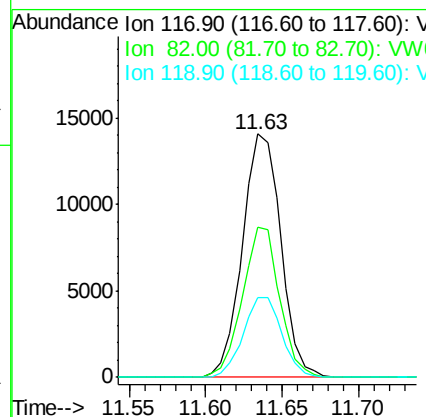
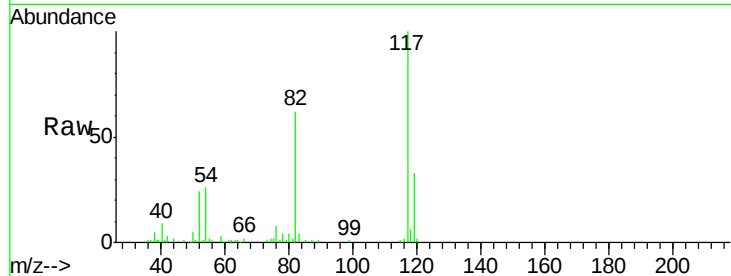




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

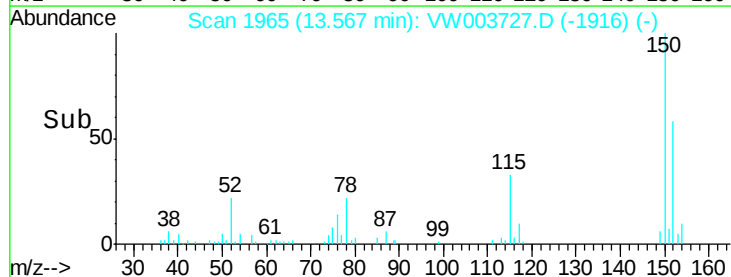
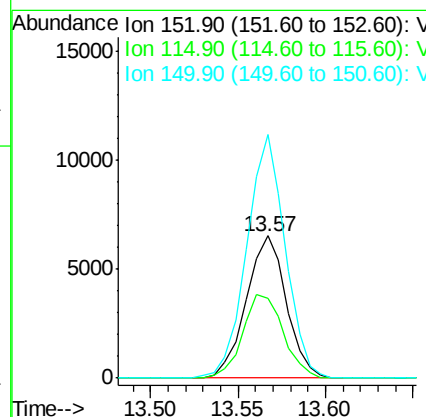
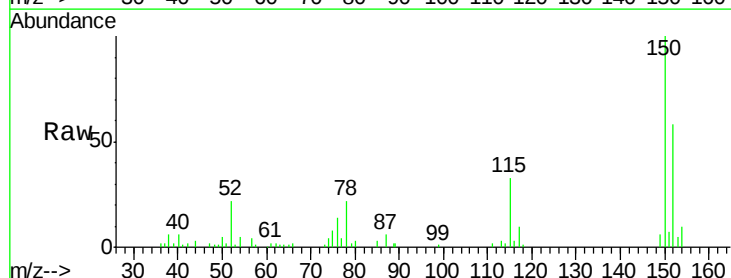
Instrument :
MSVOA_W
ClientSampleId :

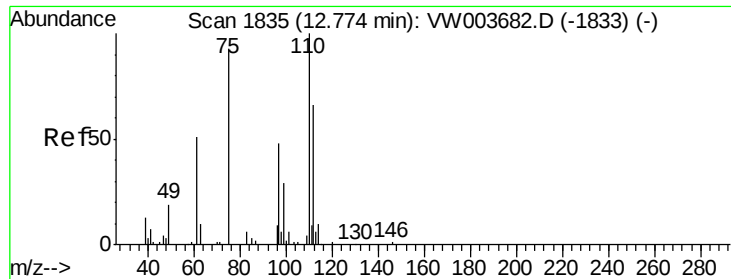
Tot Ion:117 Resp: 24560
Ion Ratio Lower Upper
117 100
82 61.6 46.0 69.0
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003727.D
Acq: 05 Jul 2018 17:52

Tgt Ion:152 Resp: 10386
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 163.6 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 42.630 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

Instrument :

MSVOA_W

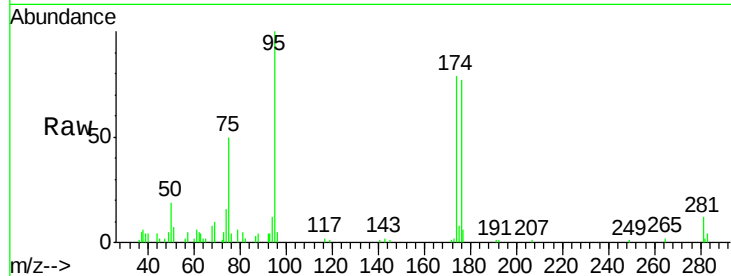
ClientSampled :

Tot Ion: 75 Resp: 3981

Ion Ratio Lower Upper

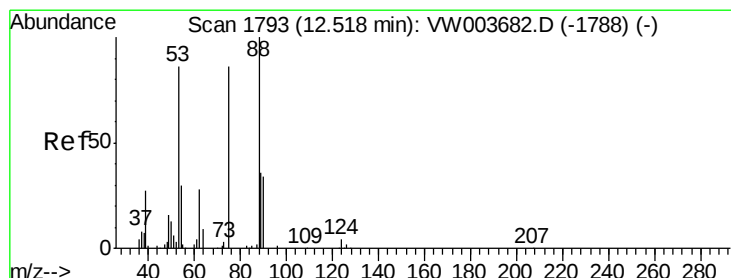
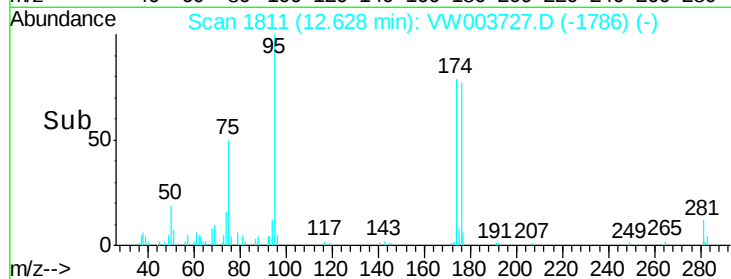
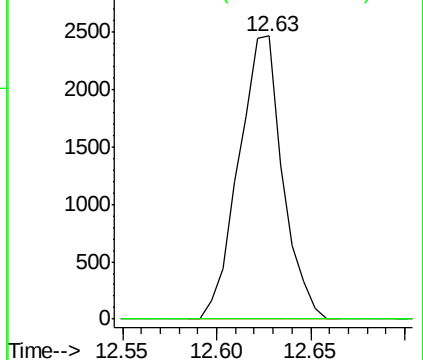
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 90.330 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003727.D

Acq: 05 Jul 2018 17:52

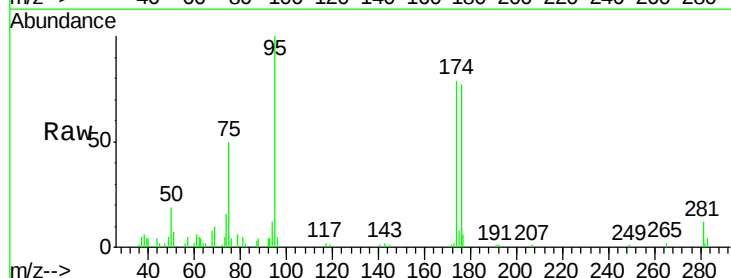
Tgt Ion: 75 Resp: 3981

Ion Ratio Lower Upper

75 100

53 0.0 82.4 123.6#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

