

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003689.D
 Acq On : 03 Jul 2018 10:54
 Operator : SY/AP
 Sample : VW0703SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBL01

Quant Time: Jul 03 13:19:26 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	249449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186949	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143711	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.64%		
35) Dibromofluoromethane	7.88	113	123008	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.02%		
50) Toluene-d8	10.33	98	478620	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.20%		
62) 4-Bromofluorobenzene	12.62	95	160477	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	85.12%		

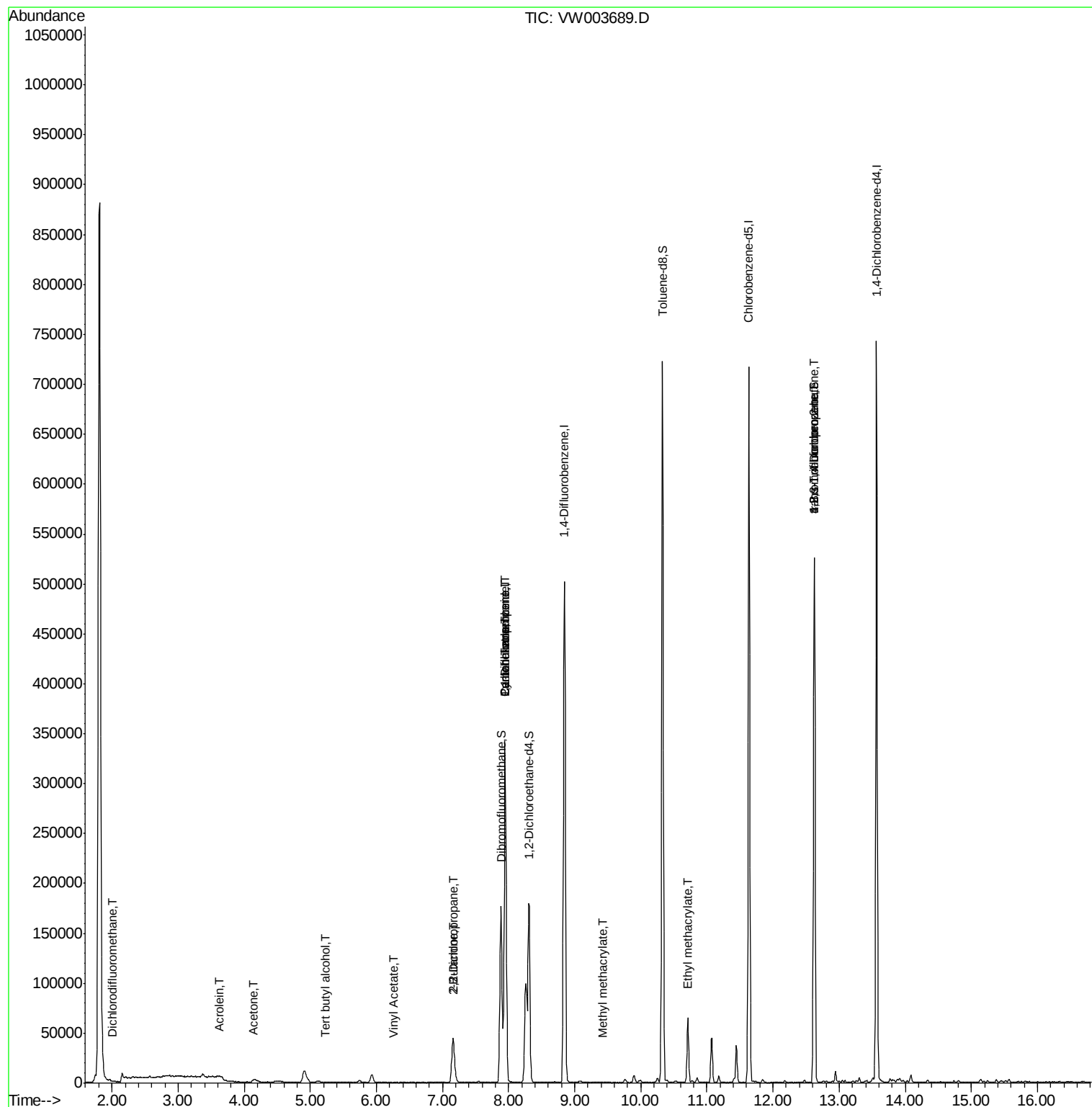
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	228	5.02	ug/l #	43
11) Tert butyl alcohol	5.23	59	263	1.41	ug/l #	71
13) Acrolein	3.63	56	205	2.27	ug/l #	32
16) Acetone	4.14	43	8001	11.27	ug/l	92
23) Vinyl Acetate	6.26	43	200	13.90	ug/l #	74
25) 2-Butanone	7.17	43	3342	3.68	ug/l #	83
26) 2,2-Dichloropropane	7.17	77	3242	1.06	ug/l #	52
31) Cyclohexane	7.95	56	6102	1.34	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	21134	5.14	ug/l #	50
38) Carbon Tetrachloride	7.95	117	25472	6.51	ug/l #	17
48) Methyl methacrylate	9.43	41	42	3.38	ug/l #	1
56) Ethyl methacrylate	10.70	69	45	3.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	86133	51.24	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86133	108.58	ug/l #	9

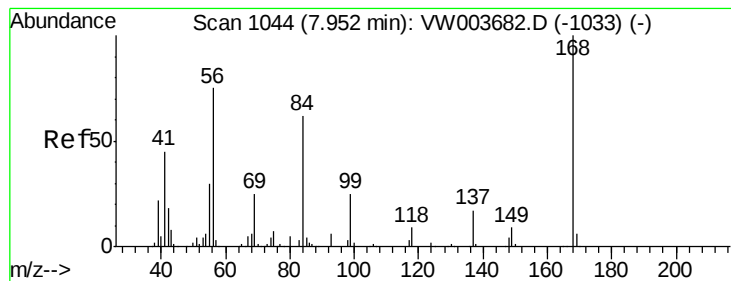
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

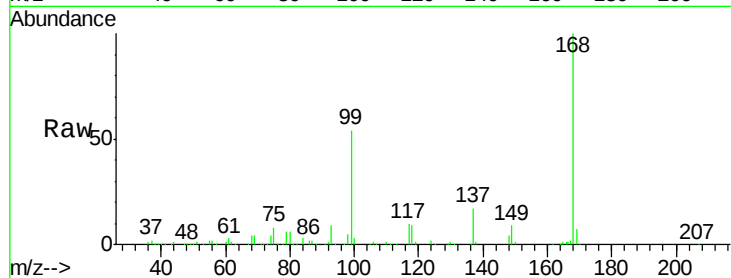
VW0703SBL01

Tot Ion:168 Resp: 249449

Ion Ratio Lower Upper

168 100

99 54.4 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

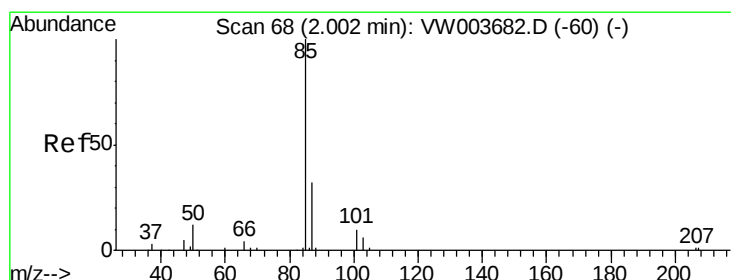
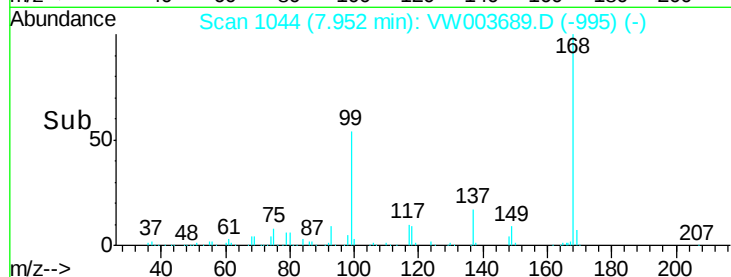
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.02 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW003689.D

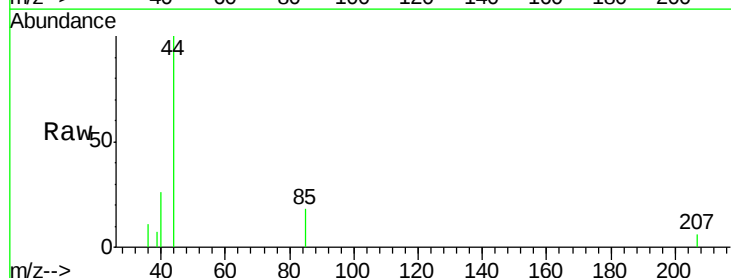
Acq: 03 Jul 2018 10:54

Tgt Ion: 85 Resp: 228

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

200

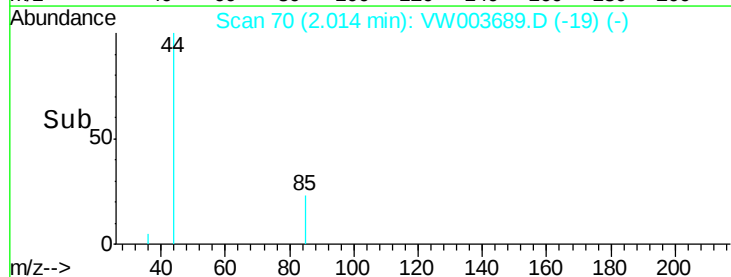
150

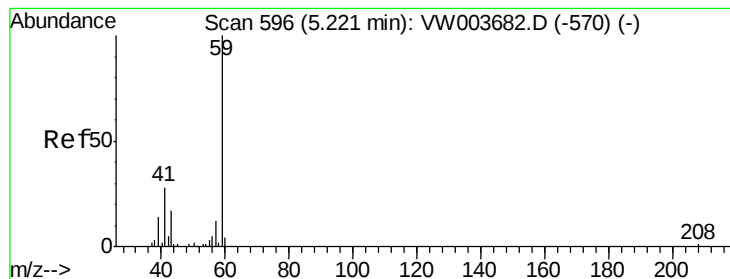
100

50

0

Time-->



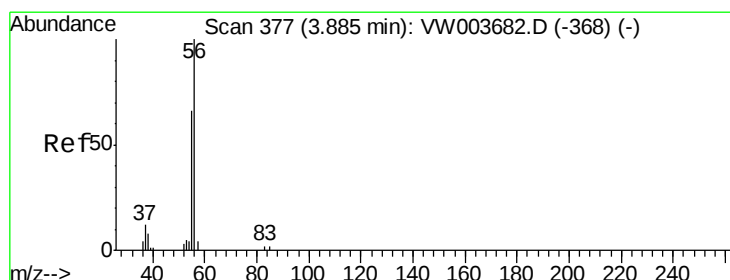
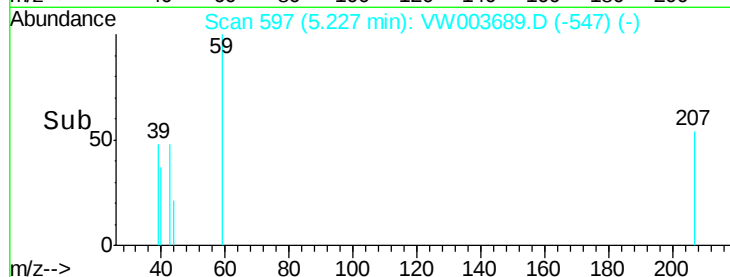
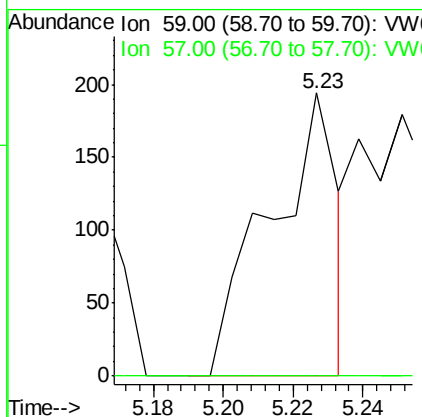
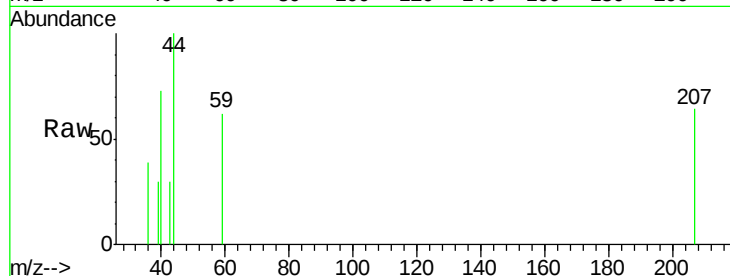


#11

Tert butyl alcohol
 Concen: 1.41 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: VW003689.D
 Acq: 03 Jul 2018 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBL01

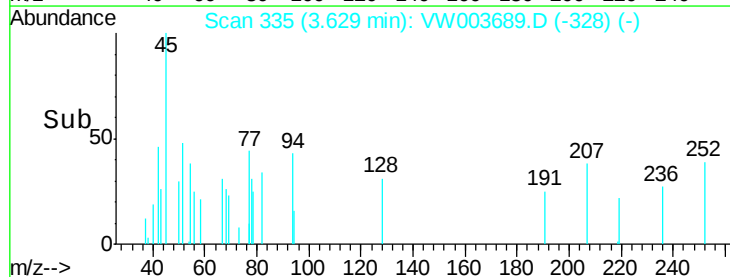
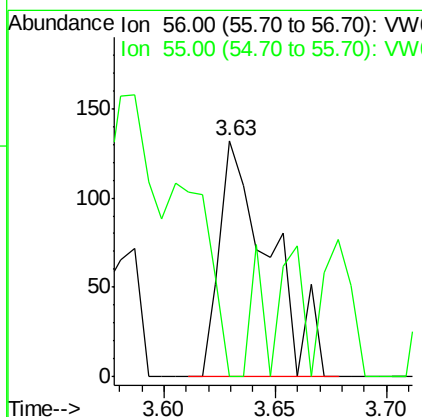
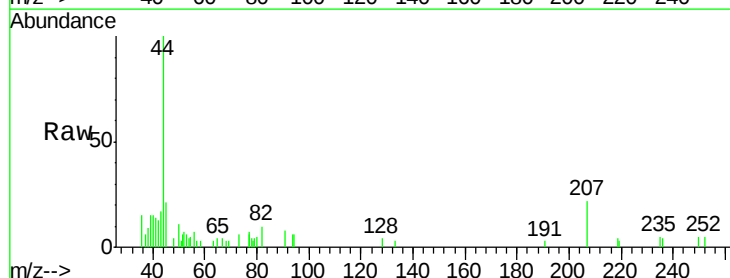
Tot Ion: 59 Resp: 263
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

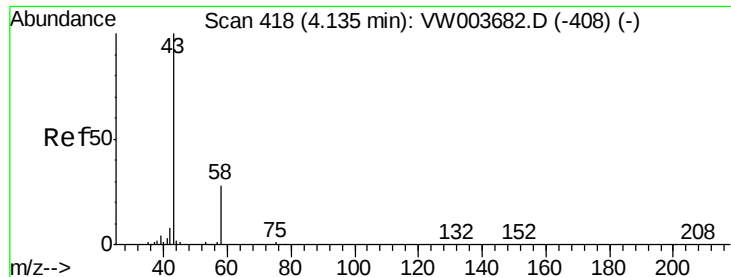


#13

Acrolein
 Concen: 2.27 ug/l
 RT: 3.63 min Scan# 335
 Delta R.T. -0.26 min
 Lab File: VW003689.D
 Acq: 03 Jul 2018 10:54

Tgt Ion: 56 Resp: 205
 Ion Ratio Lower Upper
 56 100
 55 13.2 54.7 82.1#





#16

Acetone

Concen: 11.27 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

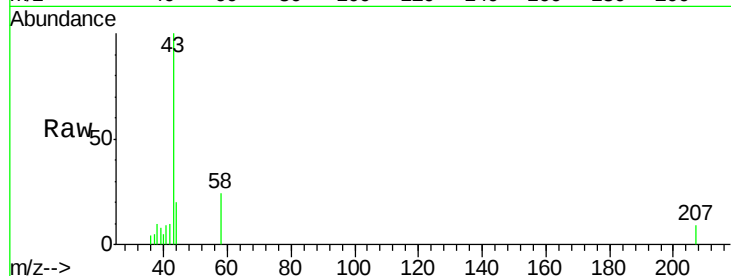
VW0703SBL01

Tot Ion: 43 Resp: 8001

Ion Ratio Lower Upper

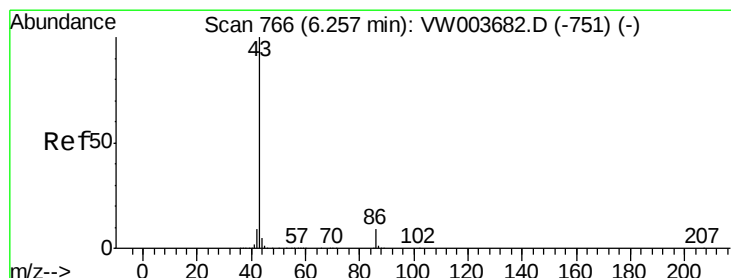
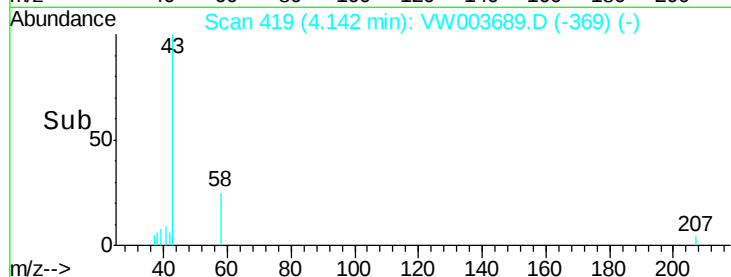
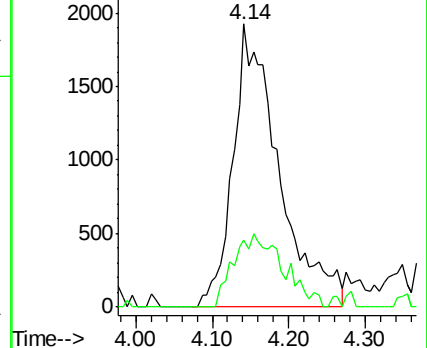
43 100

58 23.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#23

Vinyl Acetate

Concen: 13.90 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003689.D

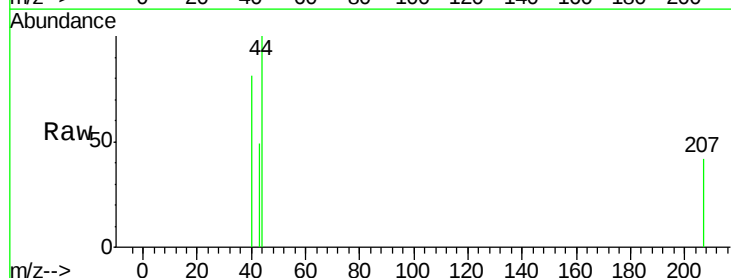
Acq: 03 Jul 2018 10:54

Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

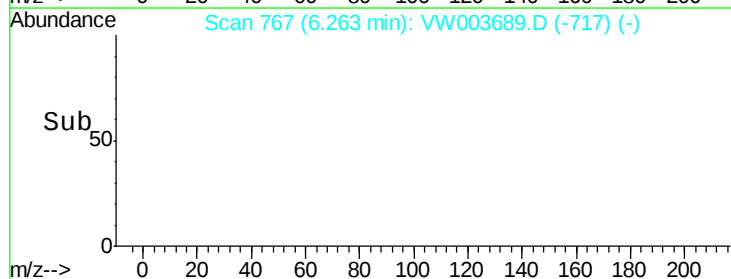
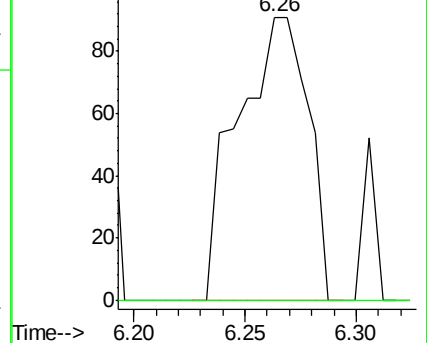
43 100

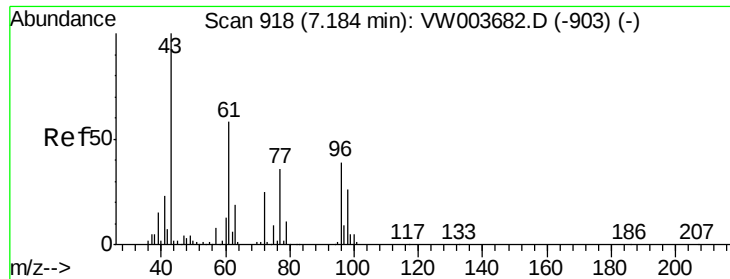
86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

2-Butanone

Concen: 3.68 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

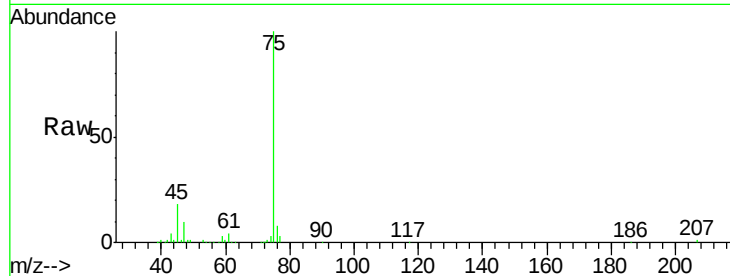
VW0703SBL01

Tot Ion: 43 Resp: 3342

Ion Ratio Lower Upper

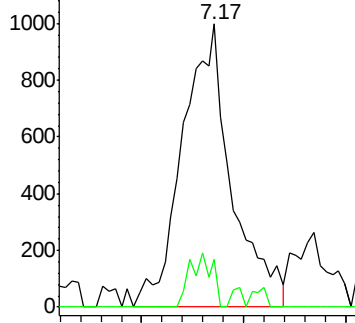
43 100

72 16.7 20.2 30.4#

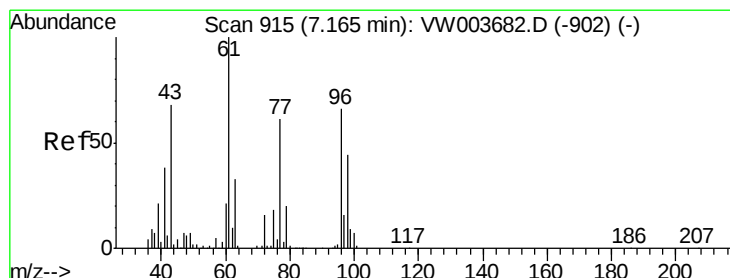
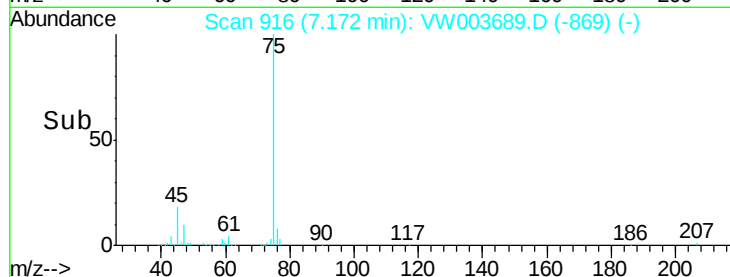


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 1.06 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003689.D

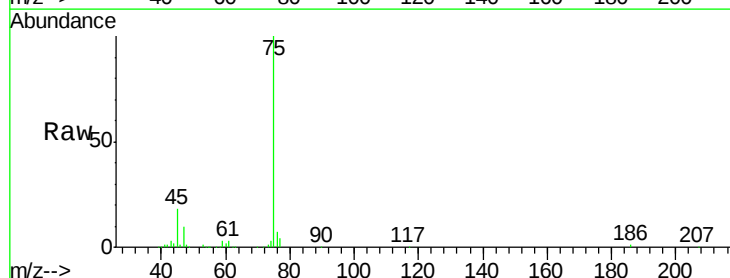
Acq: 03 Jul 2018 10:54

Tgt Ion: 77 Resp: 3242

Ion Ratio Lower Upper

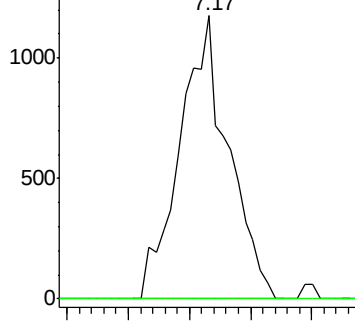
77 100

97 0.0 11.7 35.1#

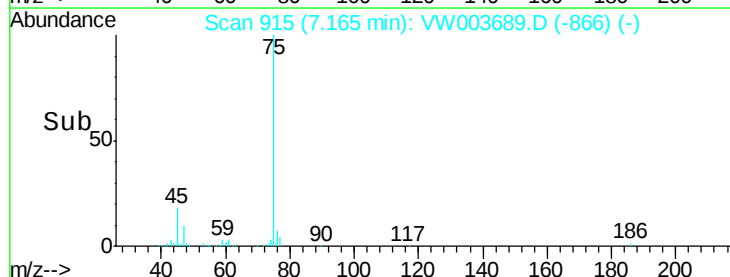


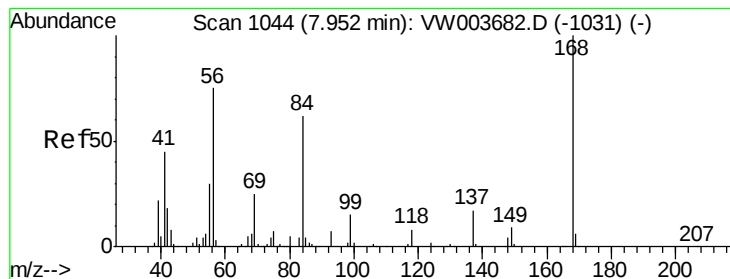
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->





#31

Cyclohexane

Concen: 1.34 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBL01

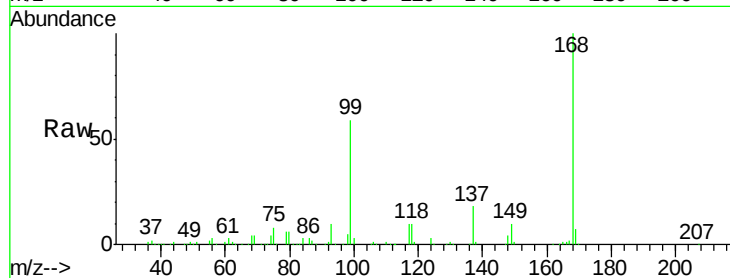
Tot Ion: 56 Resp: 6102

Ion Ratio Lower Upper

56 100

69 154.7 27.0 40.4#

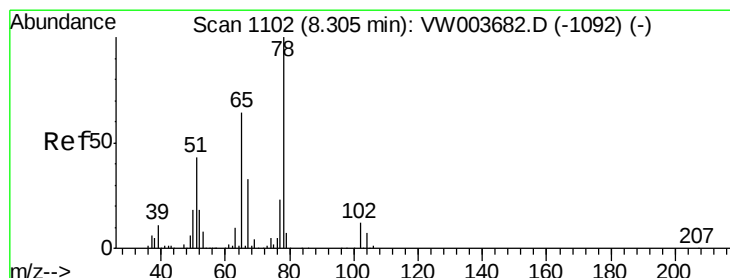
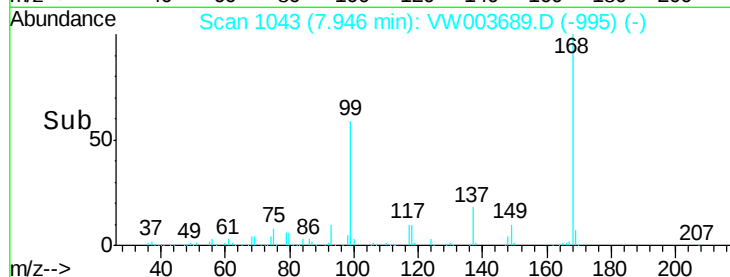
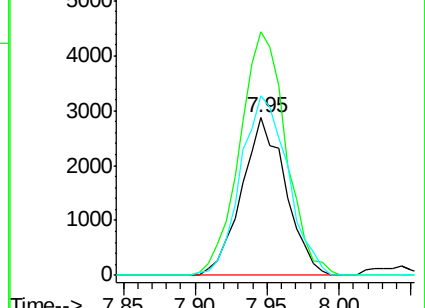
84 114.4 65.4 98.0#



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: 48.32 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003689.D

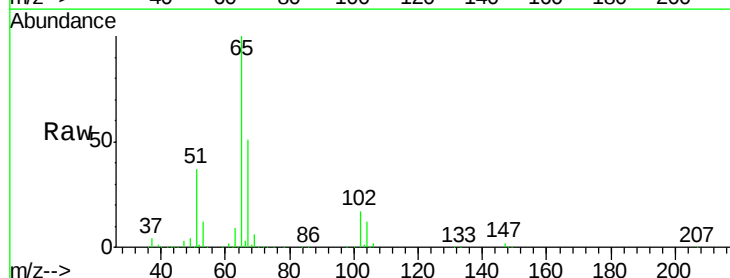
Acq: 03 Jul 2018 10:54

Tgt Ion: 65 Resp: 143711

Ion Ratio Lower Upper

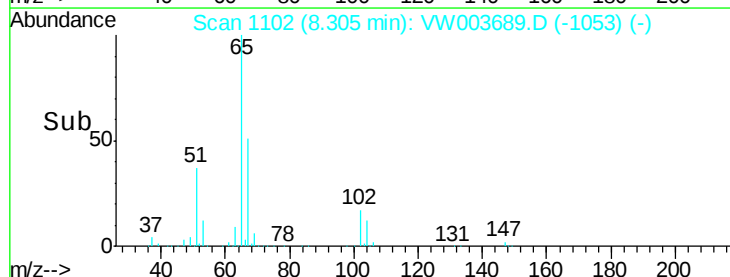
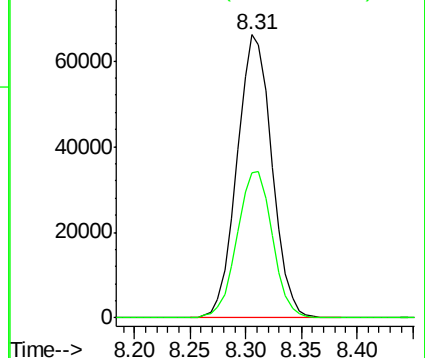
65 100

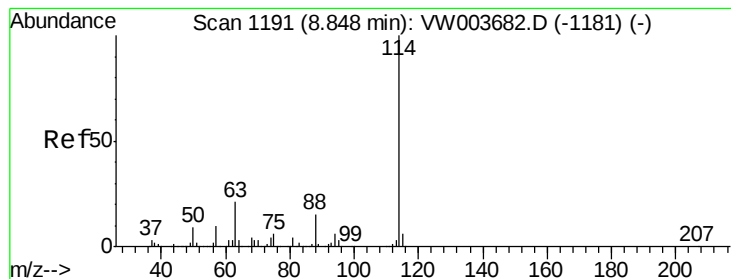
67 52.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBL01

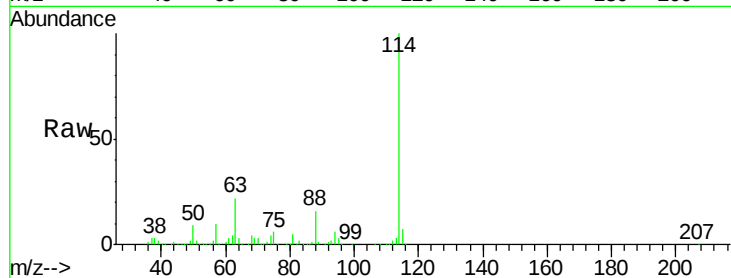
Tot Ion:114 Resp: 409903

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

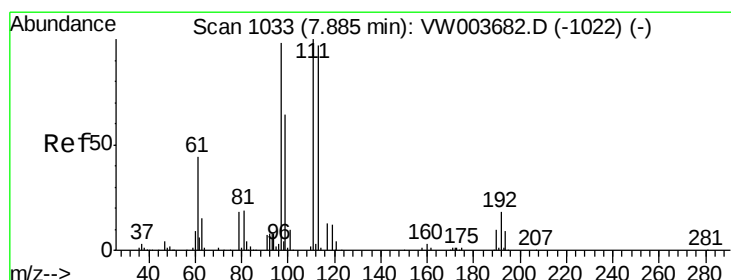
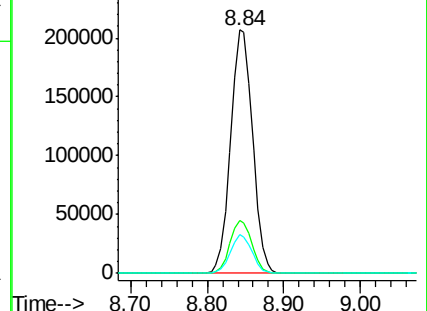
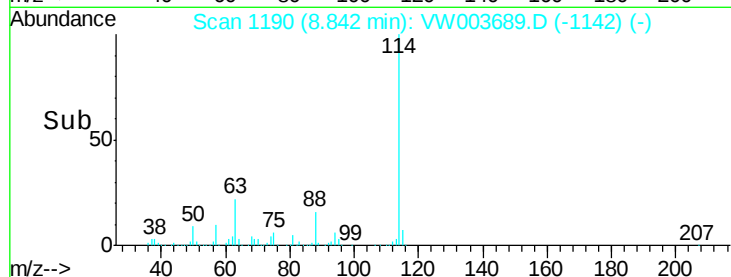
88 16.0 0.0 29.8



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: 46.01 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

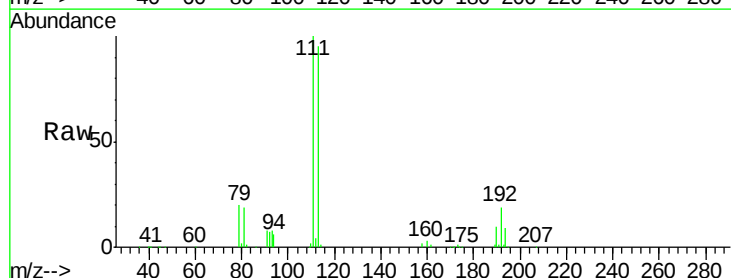
Tgt Ion:113 Resp: 123008

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

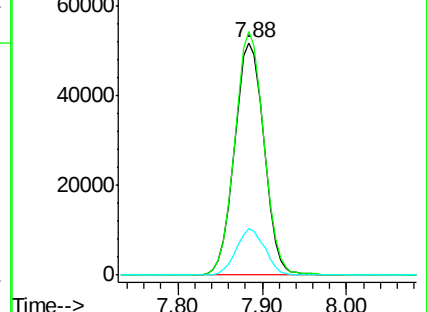
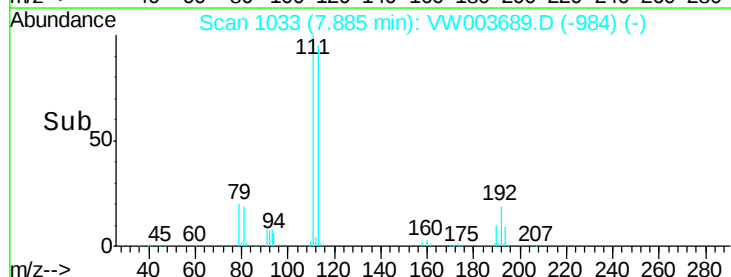
192 19.4 15.8 23.6

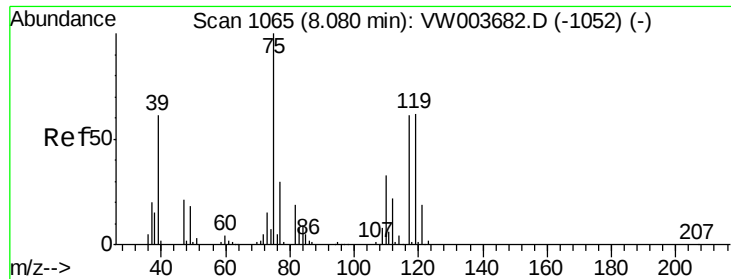


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

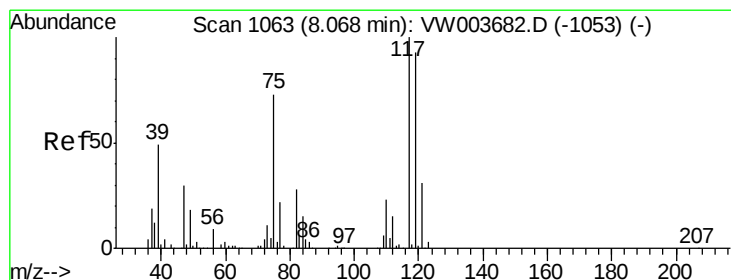
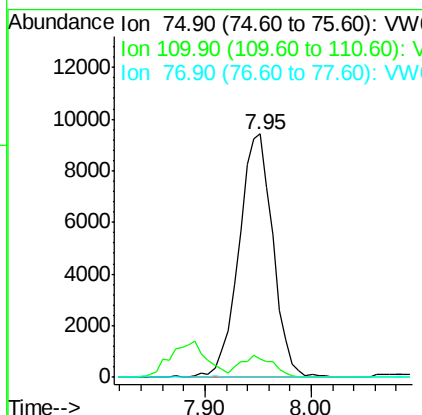
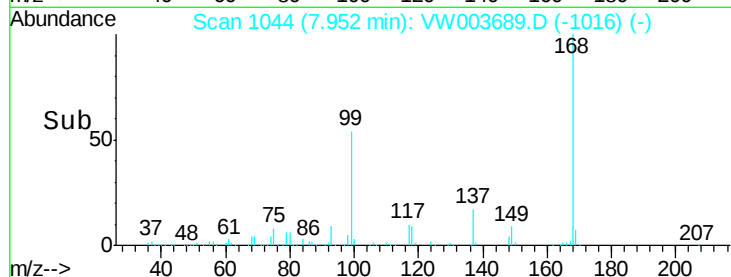
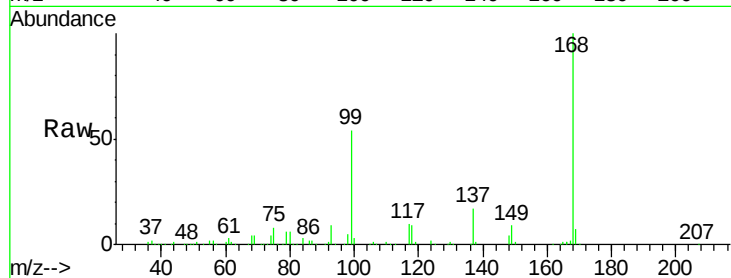




#36
 1,1-Dichloropropene
 Concen: 5.14 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003689.D
 Acq: 03 Jul 2018 10:54

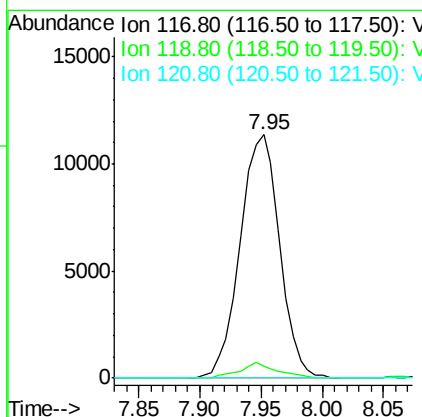
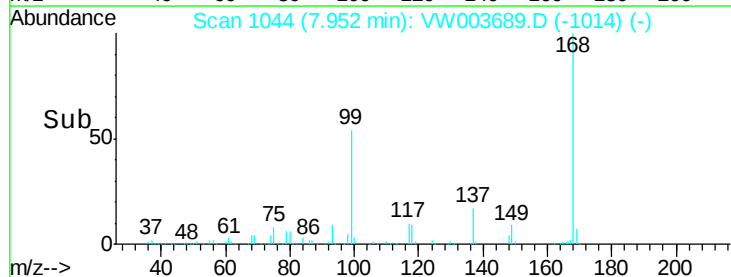
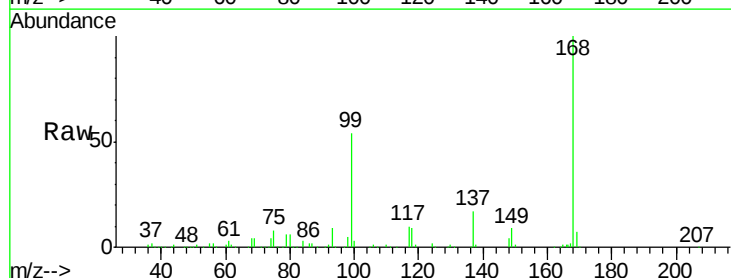
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBL01

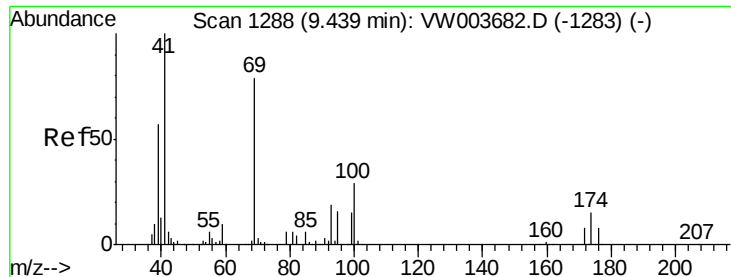
Tot Ion: 75 Resp: 21134
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.51 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003689.D
 Acq: 03 Jul 2018 10:54

Tgt Ion: 117 Resp: 25472
 Ion Ratio Lower Upper
 117 100
 119 5.1 74.1 111.1#
 121 0.0 25.0 37.4#

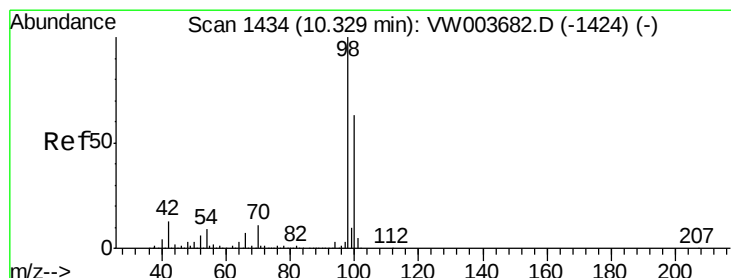
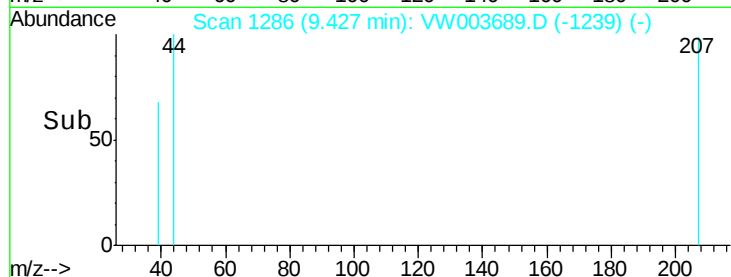
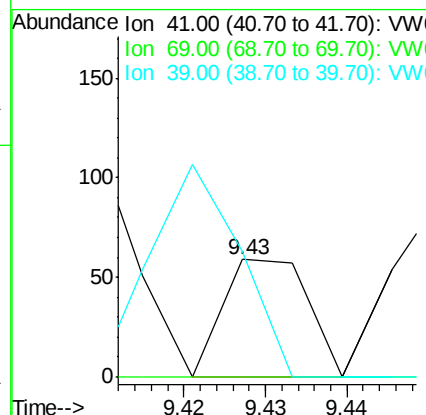
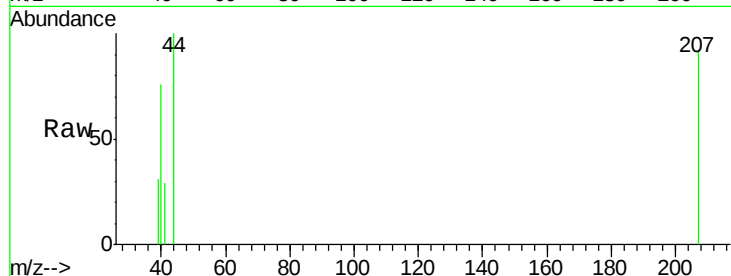




#48
Methvl methacrylate
Concen: 3.38 ug/l
RT: 9.43 min Scan# 1286
Delta R.T. -0.01 min
Lab File: VW003689.D
Acq: 03 Jul 2018 10:54

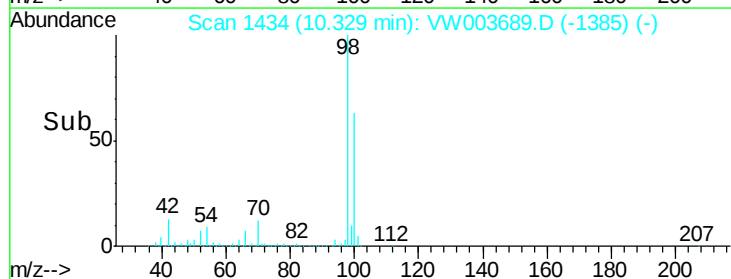
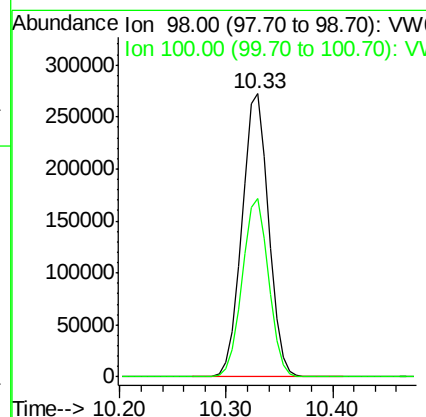
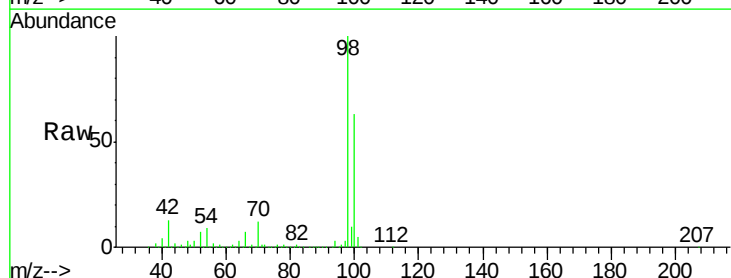
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

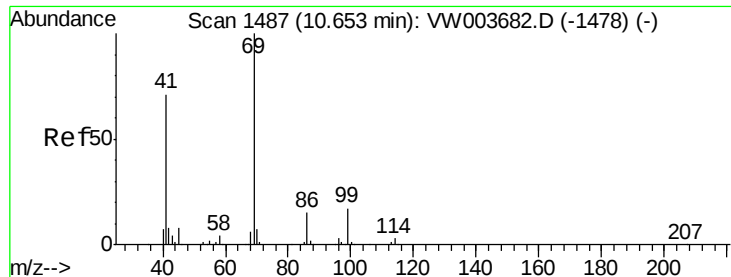
Tot Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 195.2 50.0 75.0#



#50
Toluene-d8
Concen: 45.60 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003689.D
Acq: 03 Jul 2018 10:54

Tgt Ion: 98 Resp: 478620
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2





#56

Ethyl methacrylate

Concen: 3.60 ug/l

RT: 10.70 min Scan# 1494

Delta R.T. 0.04 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampled :

VW0703SBL01

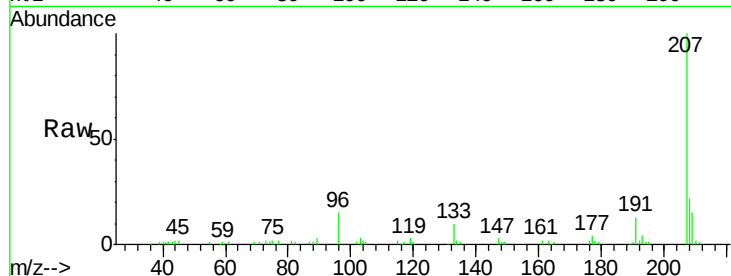
Tot Ion: 69 Resp: 45

Ion Ratio Lower Upper

69 100

41 211.1 57.5 86.3#

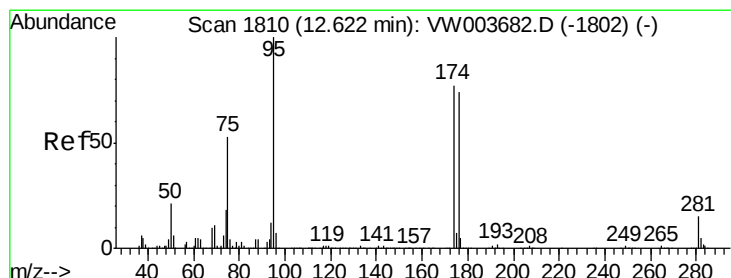
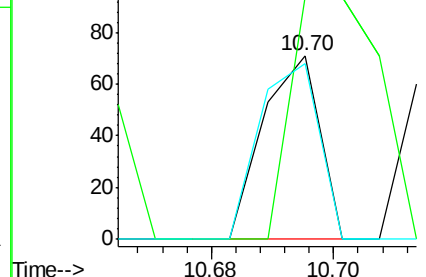
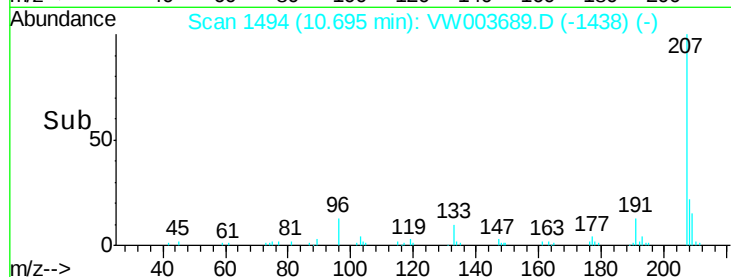
39 102.2 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 42.56 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

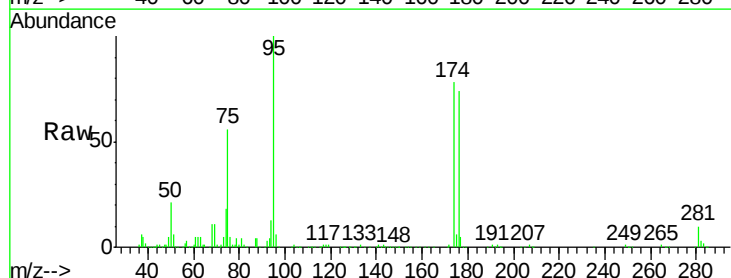
Tgt Ion: 95 Resp: 160477

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.2

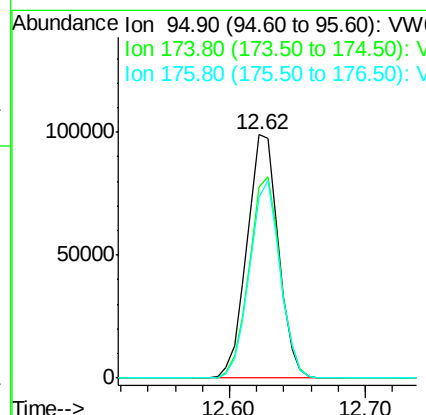
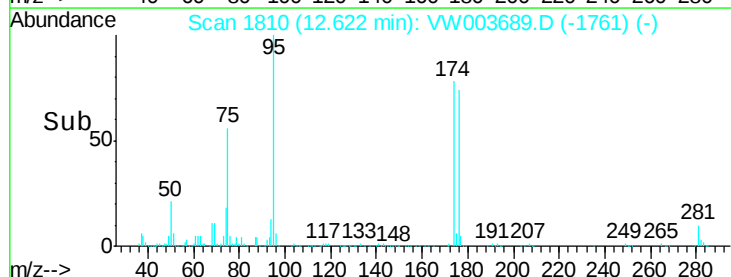
176 78.9 0.0 155.0

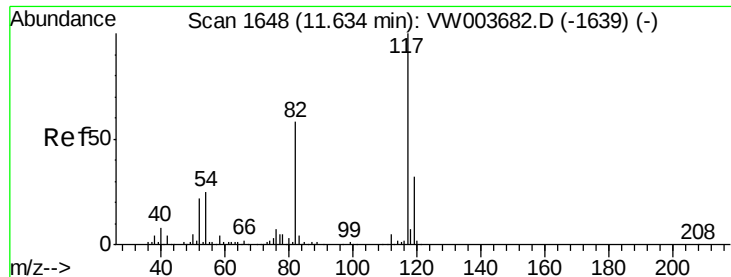


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

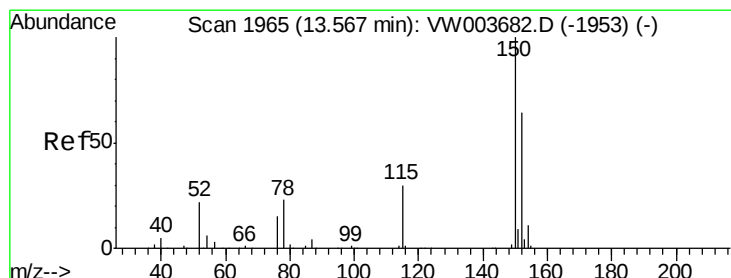
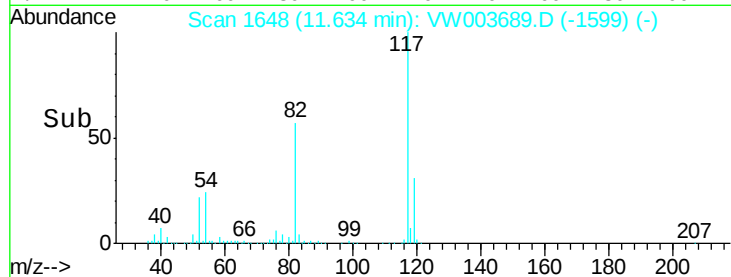
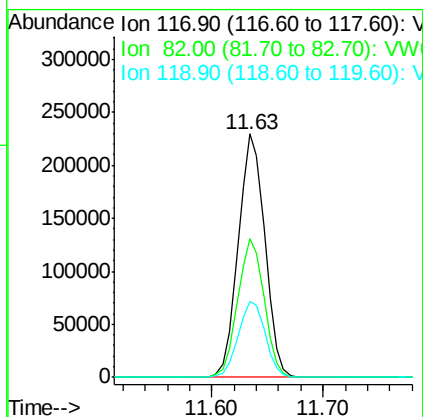
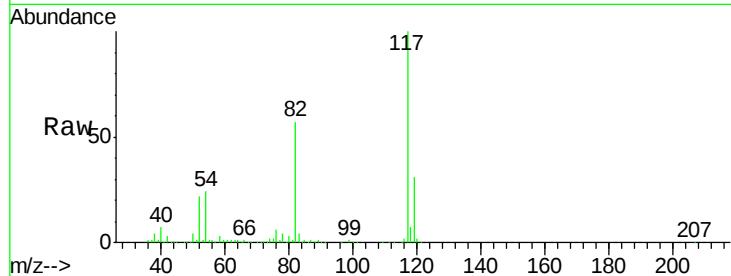




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003689.D
Acq: 03 Jul 2018 10:54

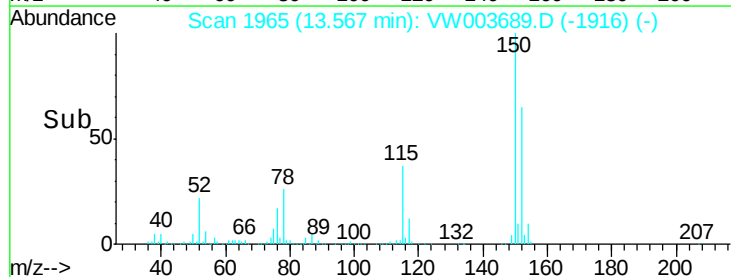
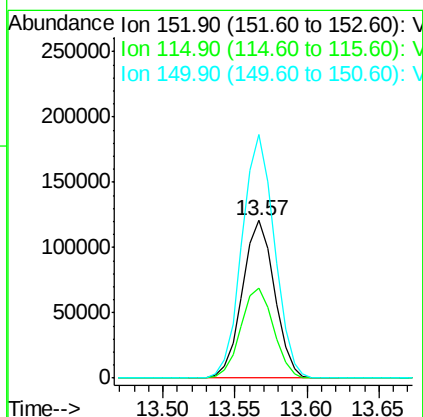
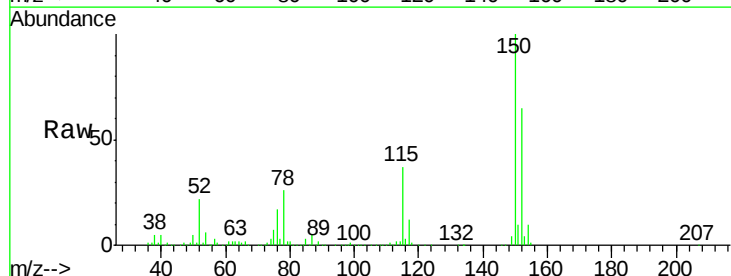
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

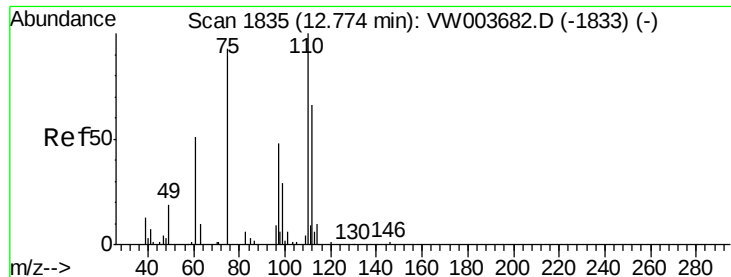
Tot Ion:117 Resp: 378809
Ion Ratio Lower Upper
117 100
82 56.9 46.0 69.0
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003689.D
Acq: 03 Jul 2018 10:54

Tgt Ion:152 Resp: 186949
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 155.5 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 51.24 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Instrument :

MSVOA_W

ClientSampleId :

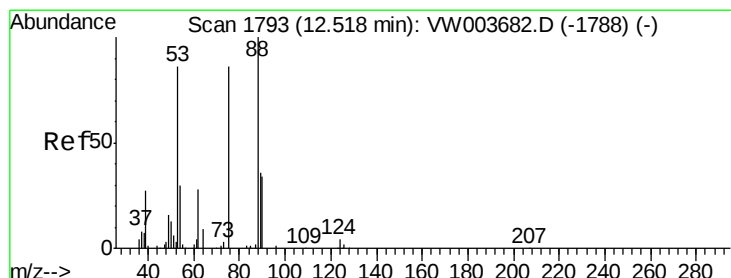
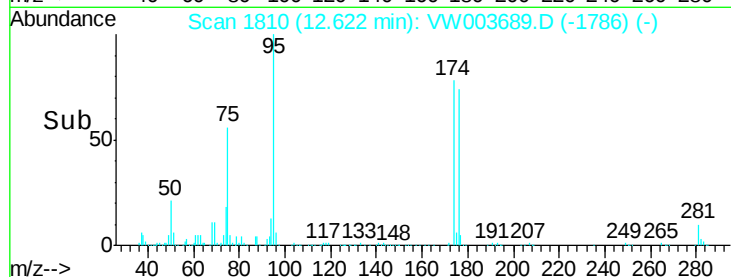
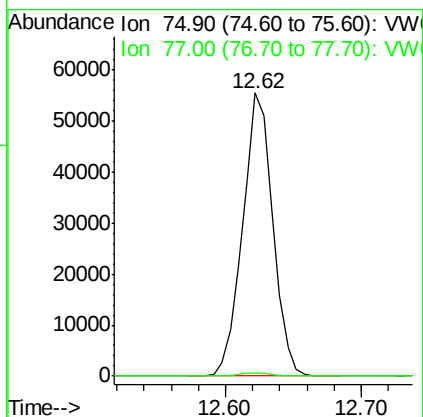
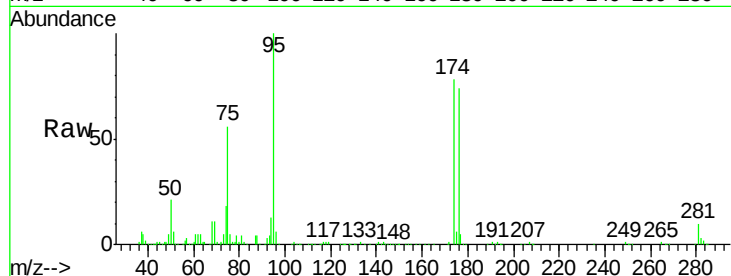
VW0703SBL01

Tot Ion: 75 Resp: 86133

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.58 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003689.D

Acq: 03 Jul 2018 10:54

Tgt Ion: 75 Resp: 86133

Ion Ratio Lower Upper

75 100

53 0.2 82.4 123.6#

89 0.2 35.9 53.9#

