

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001138.D
 Acq On : 29 Jan 2018 23:43
 Operator : JC/SY
 Sample : J1286-04RE
 Misc : 5.07G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO3RE

Quant Time: Jan 30 02:13:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	228648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	179285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64016	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	119946	79.38	ug/l	0.00
Spiked Amount			Recovery	=	158.76%	
35) Dibromofluoromethane	7.88	113	87112	59.56	ug/l	0.00
Spiked Amount			Recovery	=	119.12%	
50) Toluene-d8	10.33	98	296668	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.63	95	79609	38.38	ug/l	0.00
Spiked Amount			Recovery	=	76.76%	

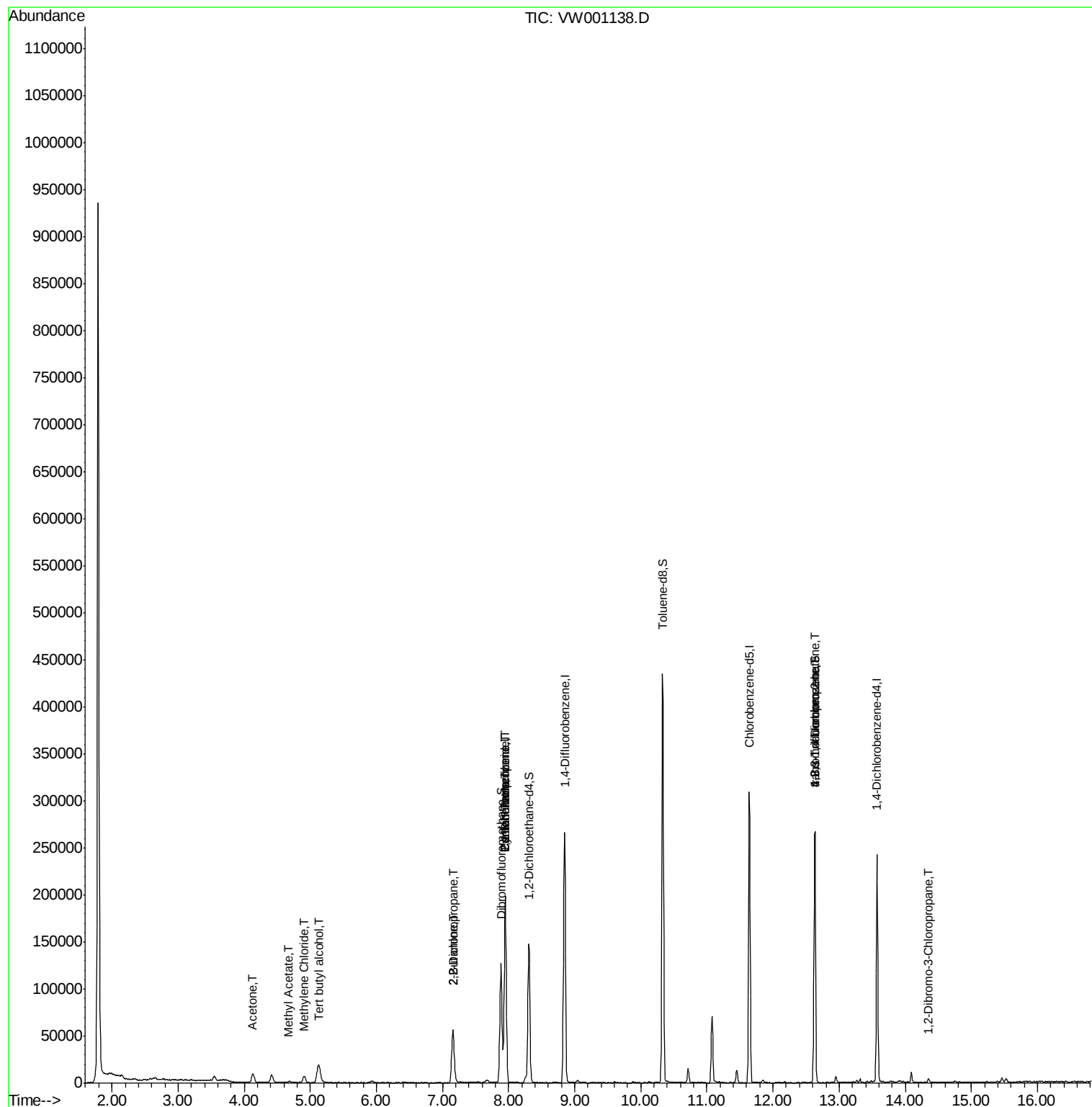
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	758	Below Cal		81
11) Tert butyl alcohol	5.13	59	17805	146.65	ug/l #	76
16) Acetone	4.13	43	15438	38.86	ug/l	99
18) Methyl Acetate	4.67	43	2001	1.80	ug/l #	85
20) Methylene Chloride	4.90	84	5104	1.50	ug/l	94
25) 2-Butanone	7.17	43	3006	5.76	ug/l #	74
26) 2,2-Dichloropropane	7.16	77	4000	1.75	ug/l #	52
31) Cyclohexane	7.95	56	2955	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11150	5.40	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15362	6.66	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	39058	60.20	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	39058	158.29	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.36	75	245	1.48	ug/l #	1

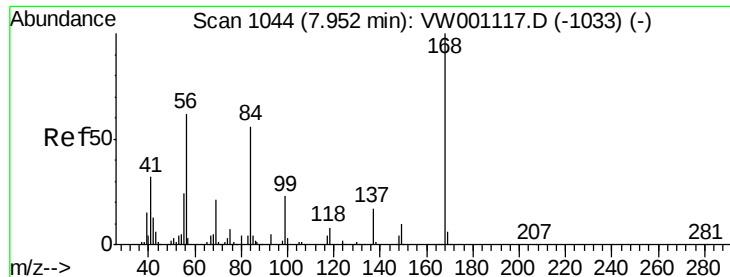
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW001138.D

Acq: 29 Jan 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

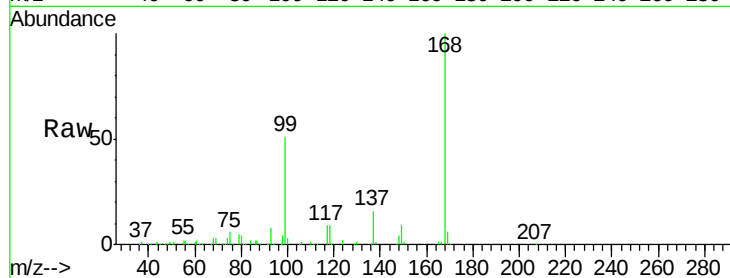
GL-WF-01-VO3RE

Tgt Ion:168 Resp: 155431

Ion Ratio Lower Upper

168 100

99 50.9 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

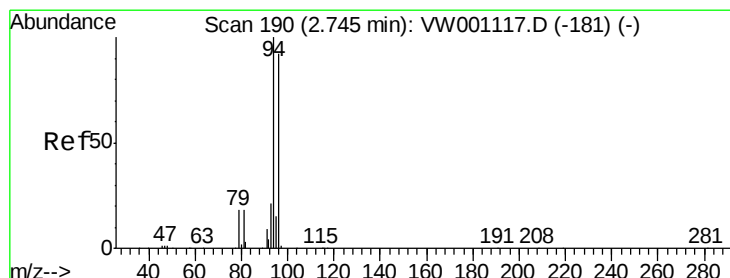
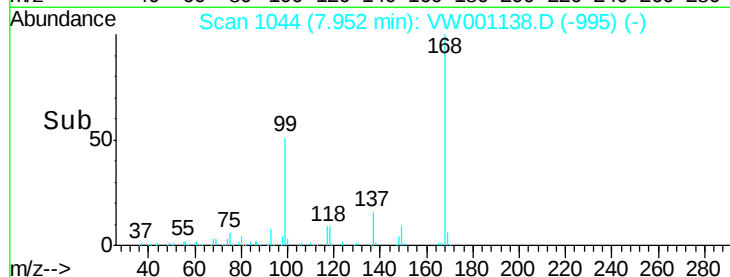
20000

0

7.90

8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. 0.02 min

Lab File: VW001138.D

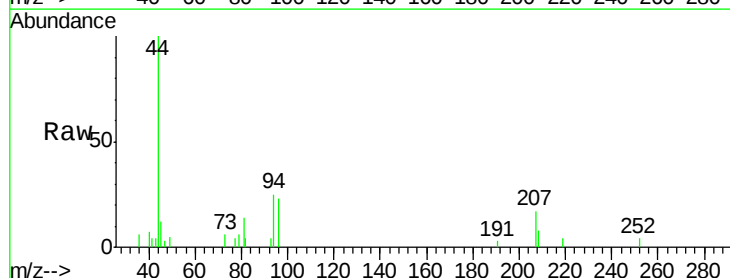
Acq: 29 Jan 2018 23:43

Tgt Ion: 94 Resp: 758

Ion Ratio Lower Upper

94 100

96 73.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

400

300

200

100

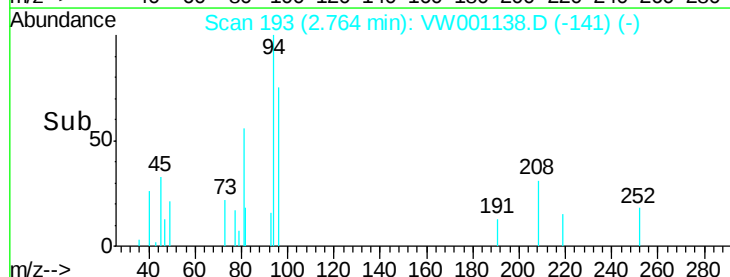
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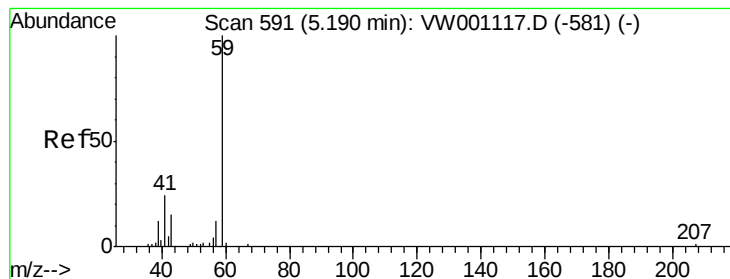
2.70

2.75

2.80

Time-->



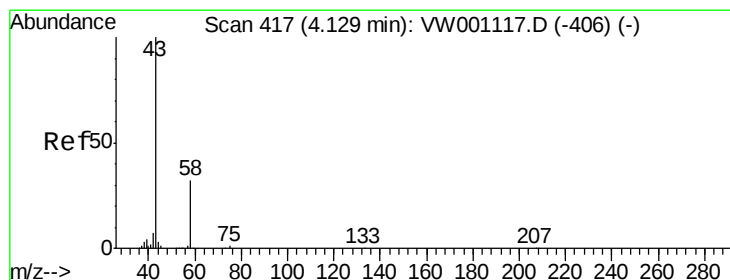
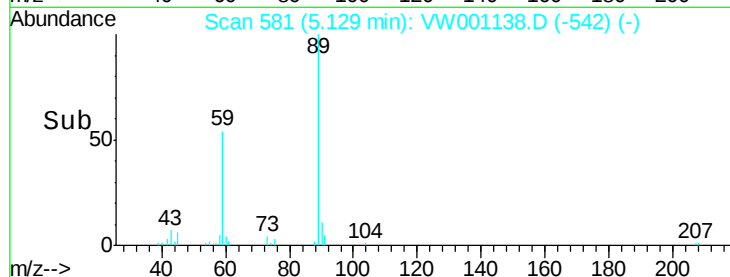
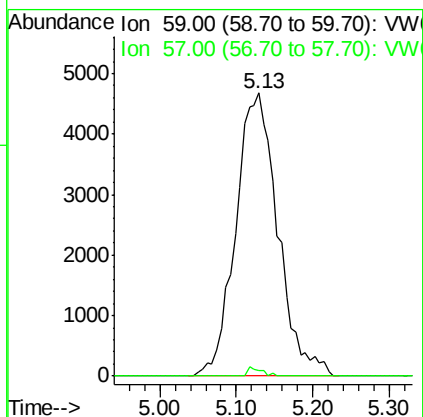
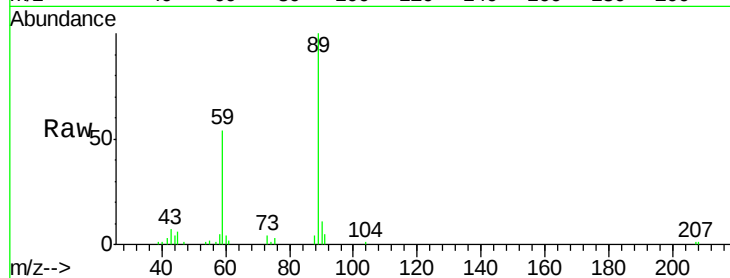


#11

Tert butyl alcohol
 Concen: 146.65 ug/l
 RT: 5.13 min Scan# 581
 Delta R.T. -0.06 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

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 GL-WF-01-VO3RE

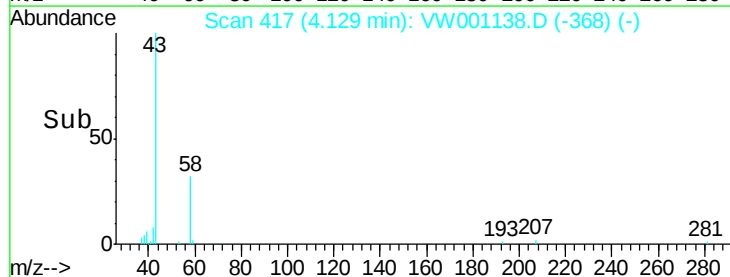
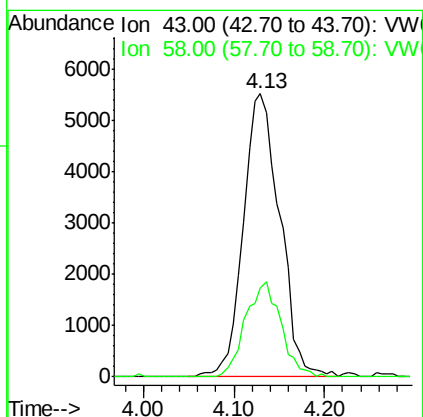
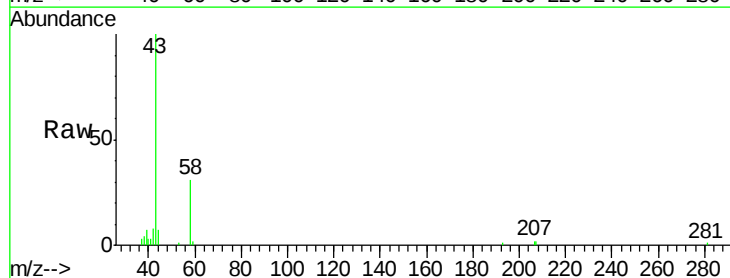
Tgt Ion: 59 Resp: 17805
 Ion Ratio Lower Upper
 59 100
 57 1.0 7.8 11.8#

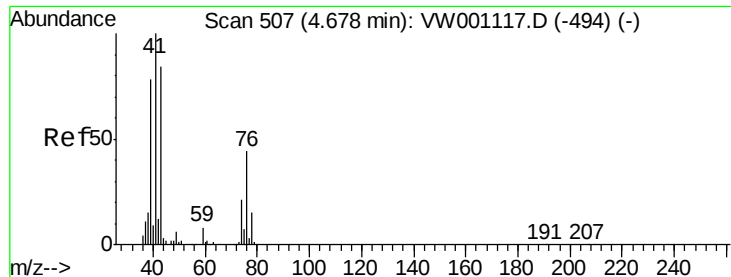


#16

Acetone
 Concen: 38.86 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

Tgt Ion: 43 Resp: 15438
 Ion Ratio Lower Upper
 43 100
 58 31.4 25.7 38.5





#18

Methyl Acetate

Concen: 1.80 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW001138.D

Acq: 29 Jan 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

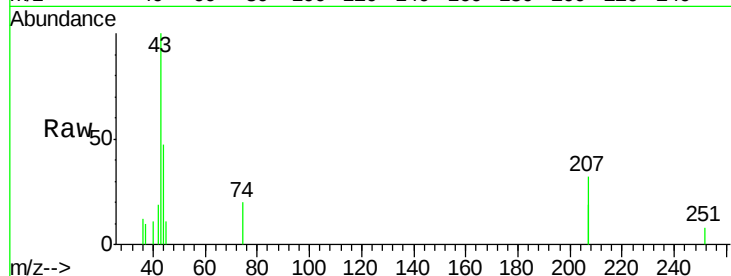
GL-WF-01-VO3RE

Tgt Ion: 43 Resp: 2001

Ion Ratio Lower Upper

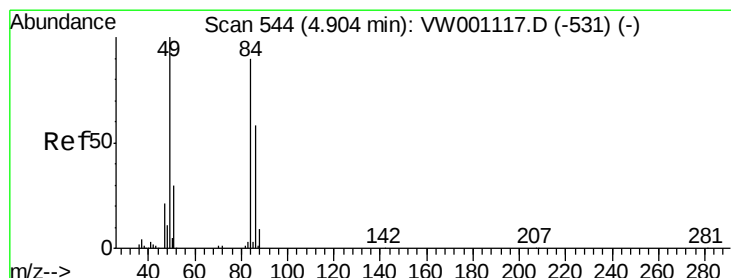
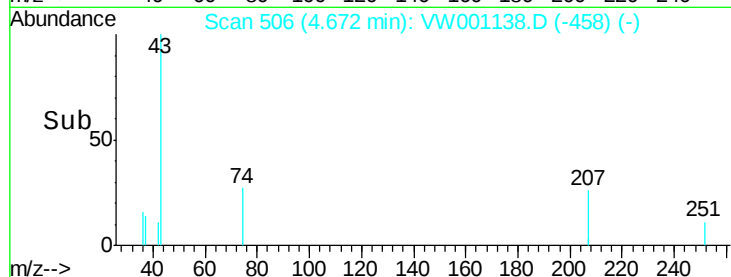
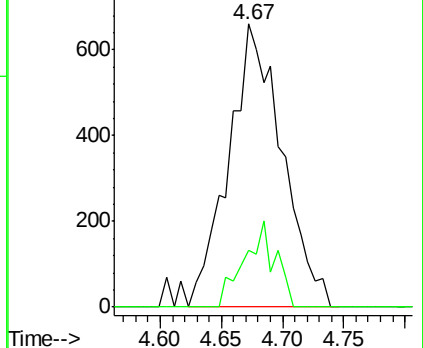
43 100

74 17.7 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#20

Methylene Chloride

Concen: 1.50 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW001138.D

Acq: 29 Jan 2018 23:43

Tgt Ion: 84 Resp: 5104

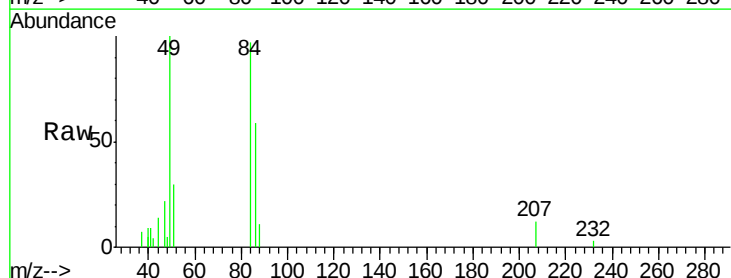
Ion Ratio Lower Upper

84 100

49 103.1 89.2 133.8

51 30.9 26.7 40.1

86 61.1 51.7 77.5

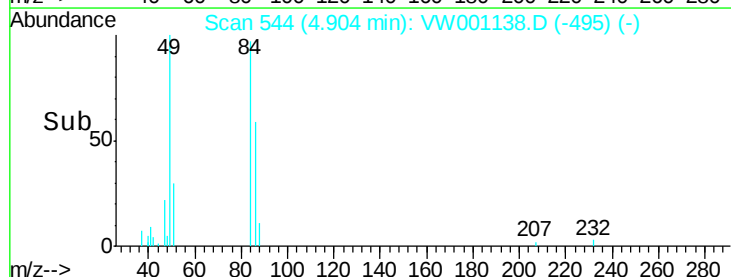
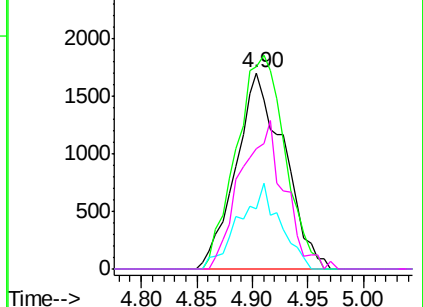


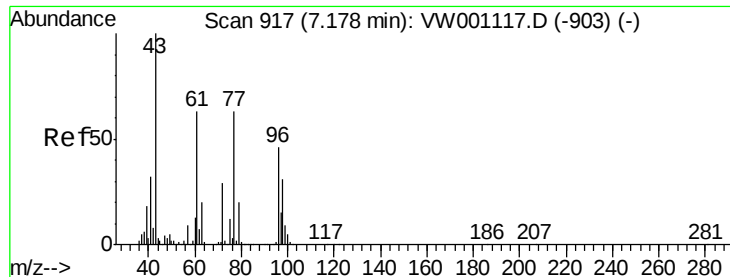
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

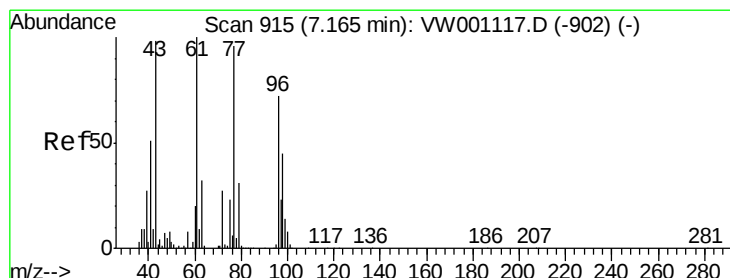
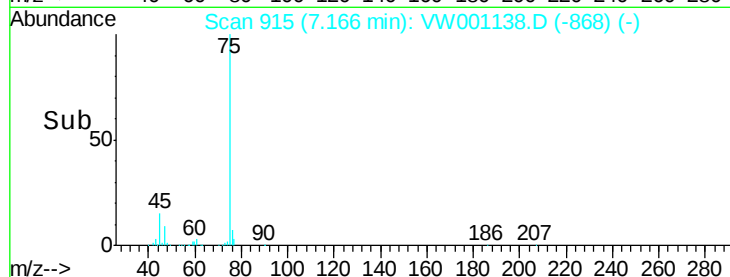
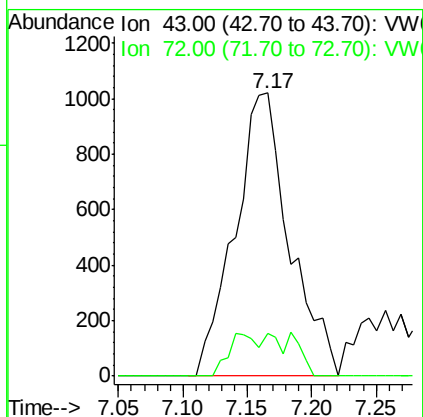
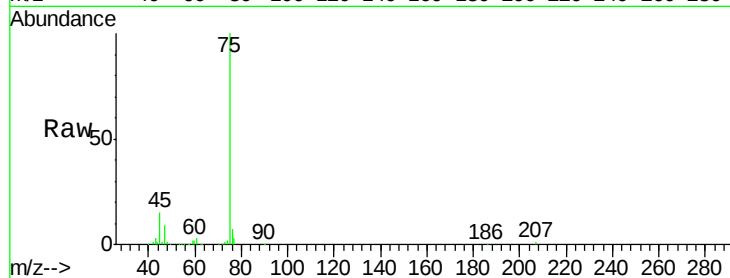




#25
 2-Butanone
 Concen: 5.76 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

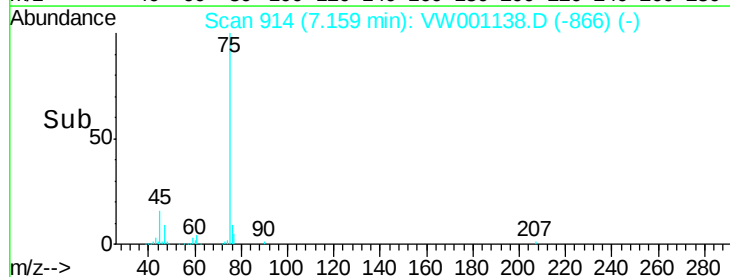
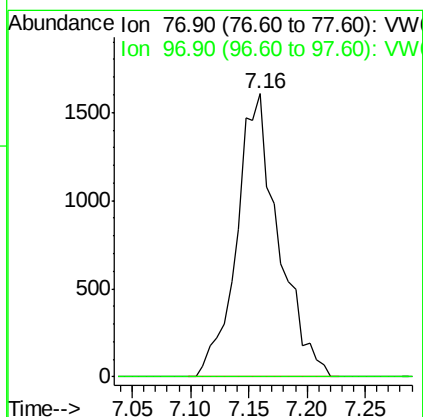
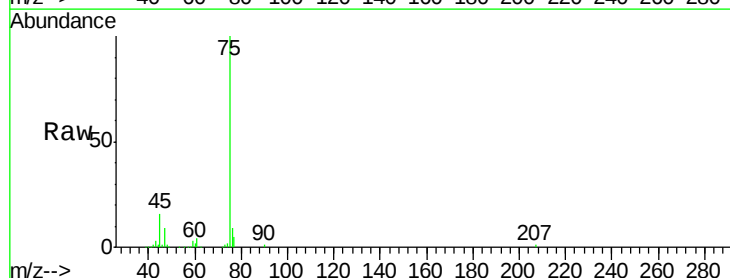
Instrument :
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 GL-WF-01-VO3RE

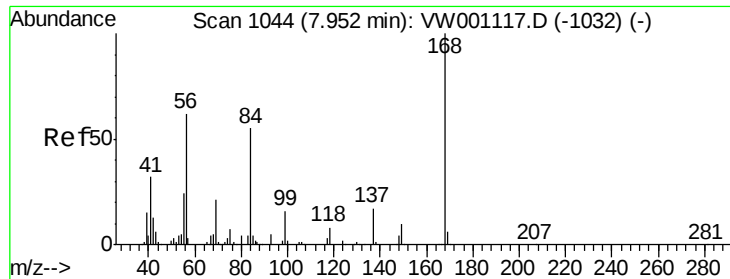
Tgt Ion: 43 Resp: 3006
 Ion Ratio Lower Upper
 43 100
 72 14.9 22.8 34.2#



#26
 2,2-Dichloropropane
 Concen: 1.75 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

Tgt Ion: 77 Resp: 4000
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.6 34.7#

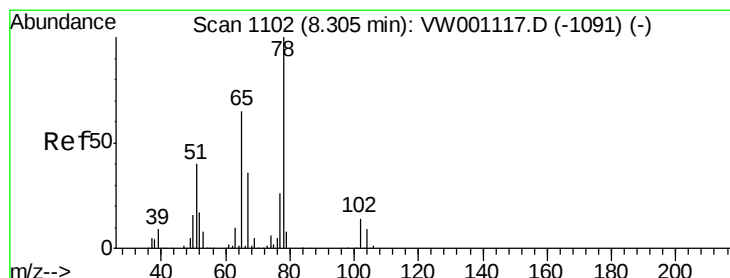
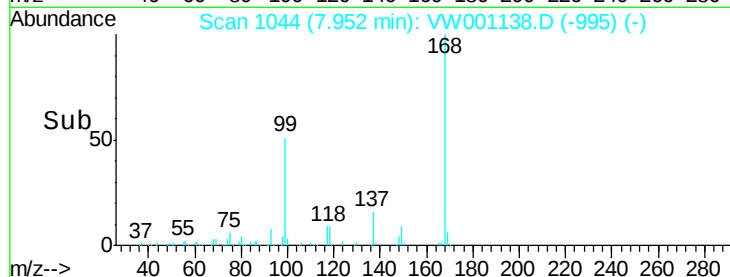
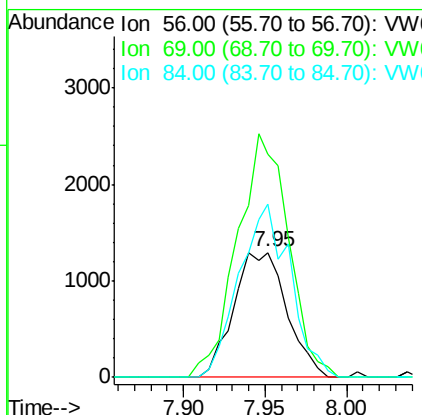
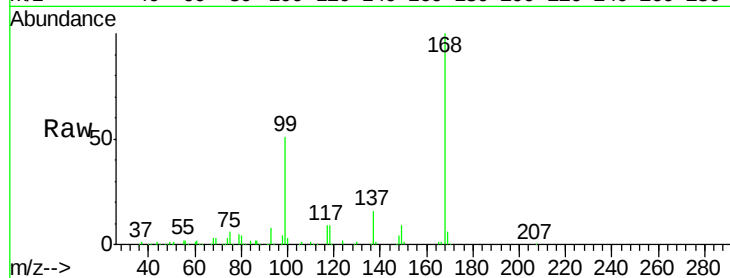




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001138.D
Acq: 29 Jan 2018 23:43

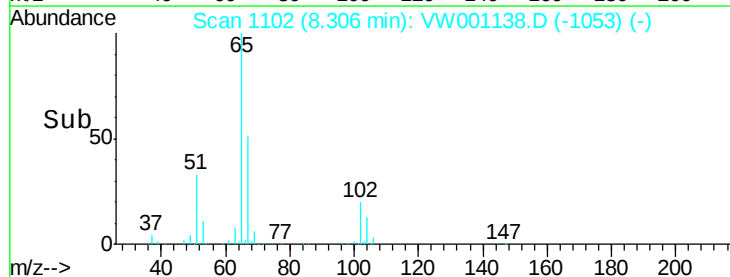
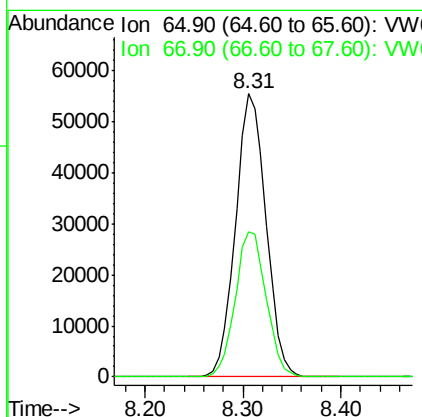
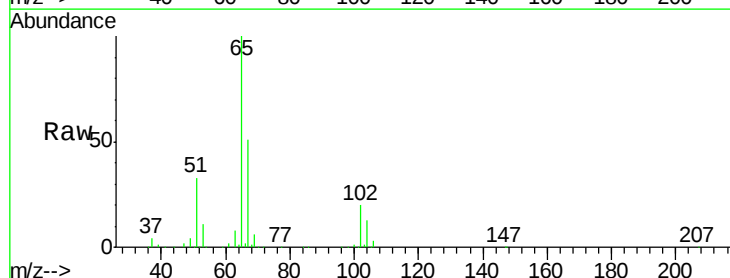
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MSVOA_W
ClientSampleId :
GL-WF-01-VO3RE

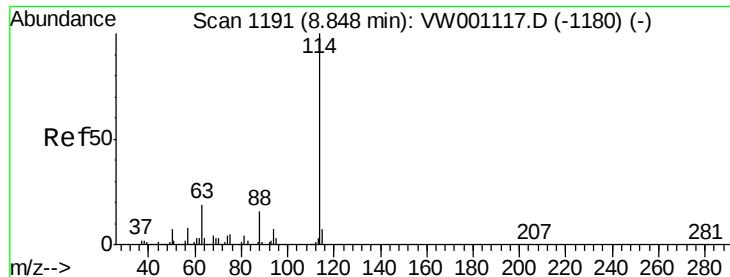
Tgt Ion: 56 Resp: 2955
Ion Ratio Lower Upper
56 100
69 179.1 27.4 41.0#
84 139.2 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 79.38 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW001138.D
Acq: 29 Jan 2018 23:43

Tgt Ion: 65 Resp: 119946
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.2

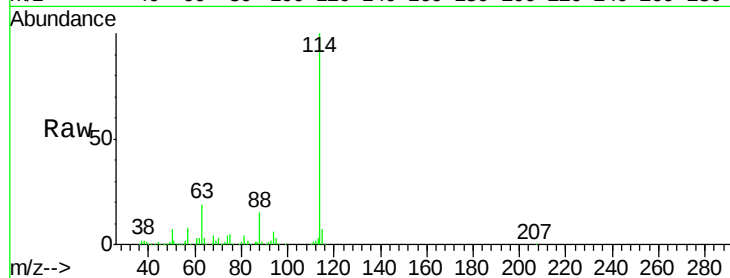




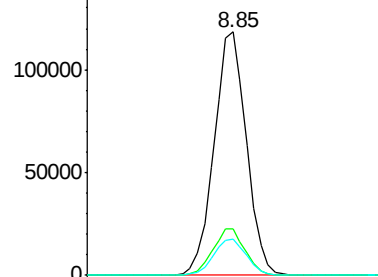
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO3RE

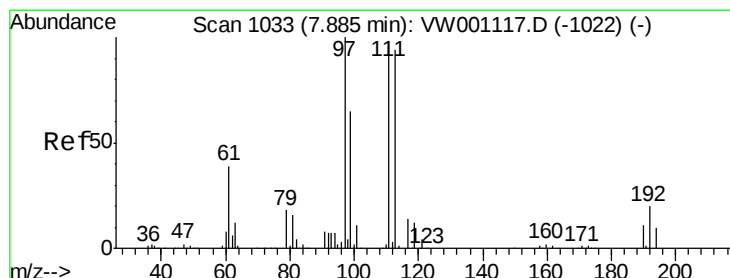
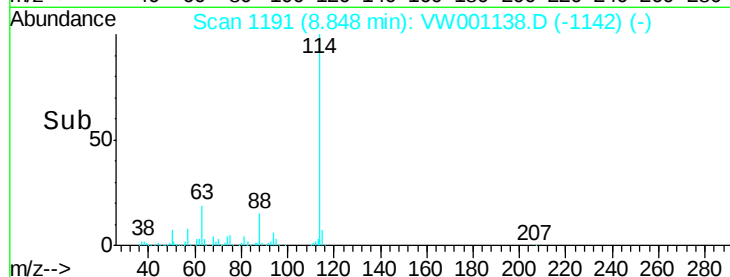
Tgt Ion:114 Resp: 228648
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.2
 88 15.0 0.0 31.0



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

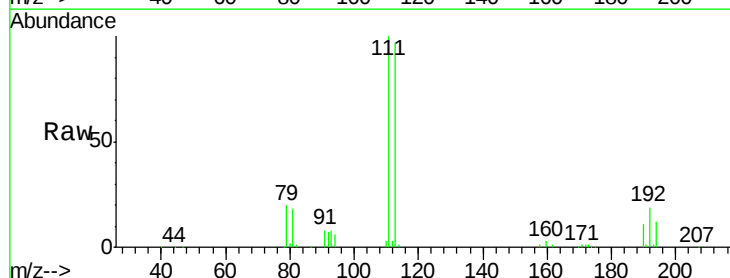


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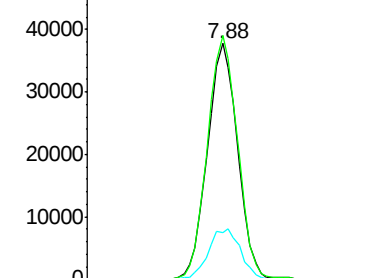


#35
 Dibromofluoromethane
 Concen: 59.56 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

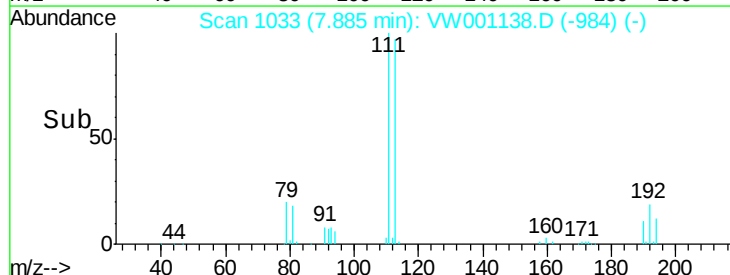
Tgt Ion:113 Resp: 87112
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 22.3 17.8 26.6

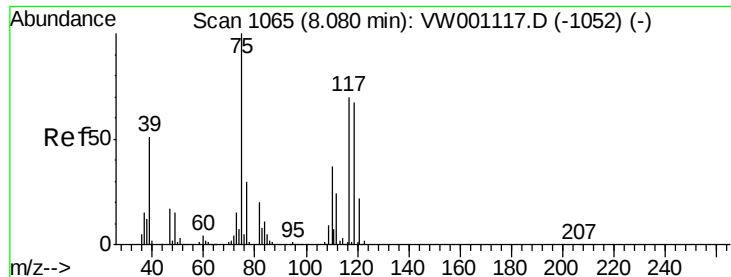


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

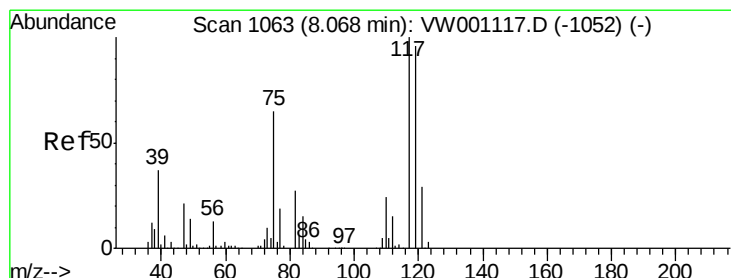
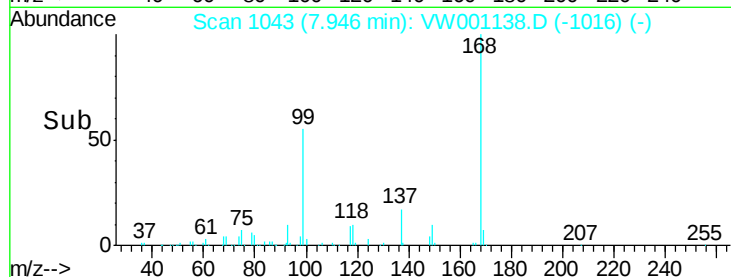
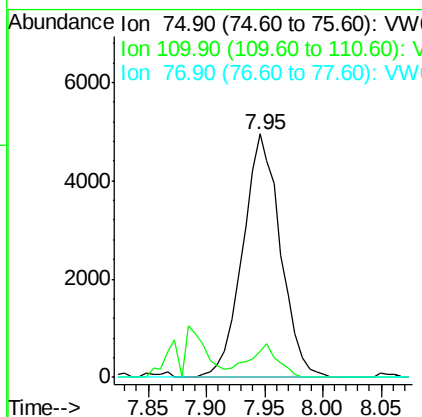
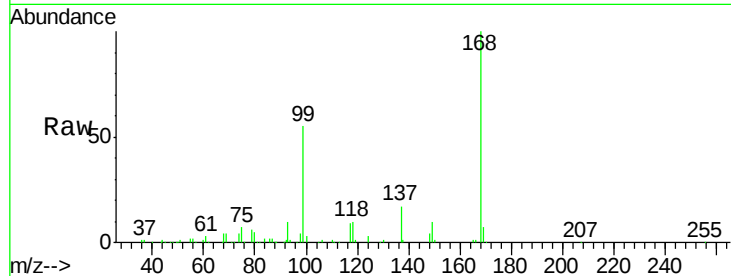




#36
 1,1-Dichloropropene
 Concen: 5.40 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

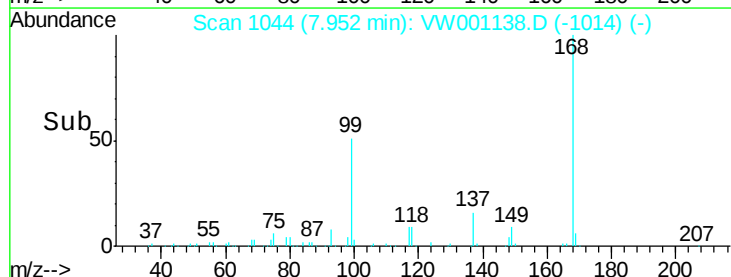
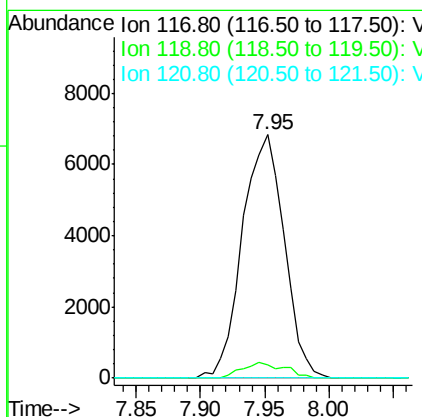
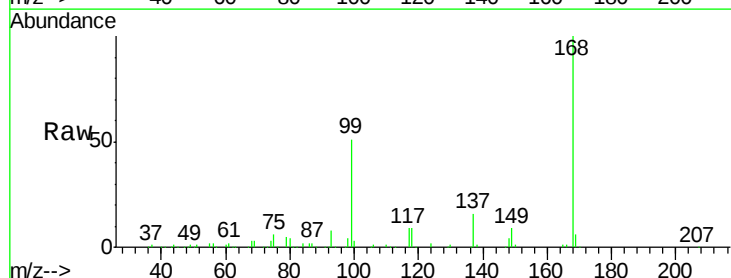
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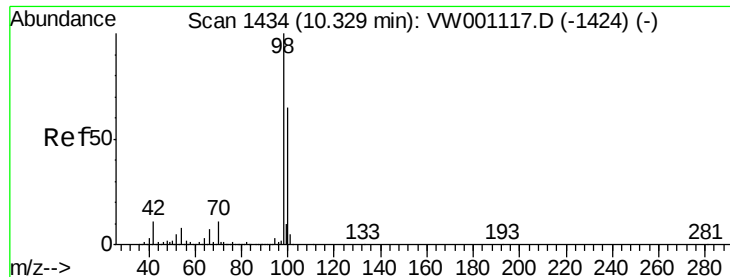
Tgt Ion: 75 Resp: 11150
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.66 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

Tgt Ion: 117 Resp: 15362
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.0 115.4#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.70 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW001138.D

Acq: 29 Jan 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

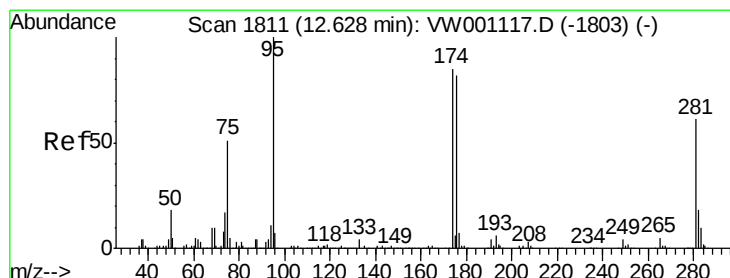
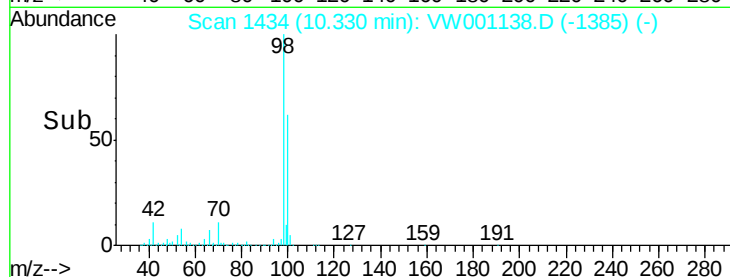
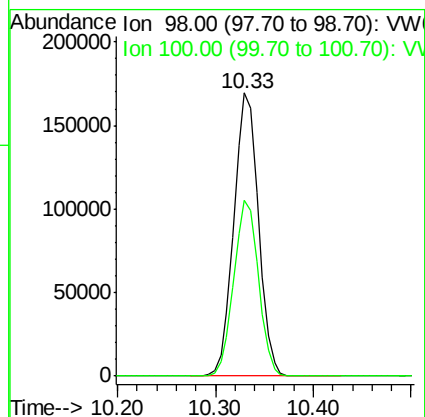
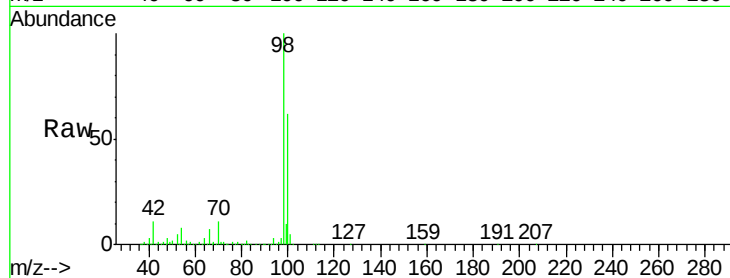
GL-WF-01-VO3RE

Tgt Ion: 98 Resp: 296668

Ion Ratio Lower Upper

98 100

100 62.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 38.38 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW001138.D

Acq: 29 Jan 2018 23:43

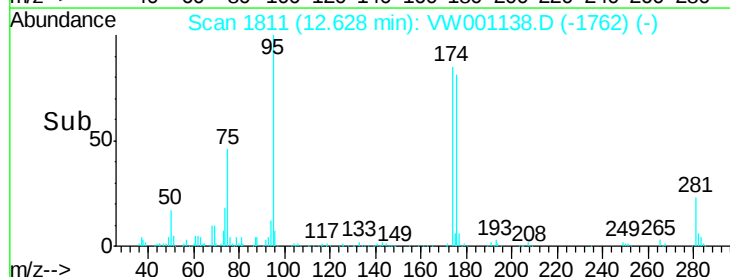
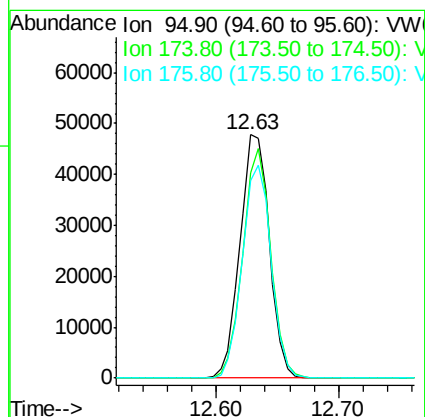
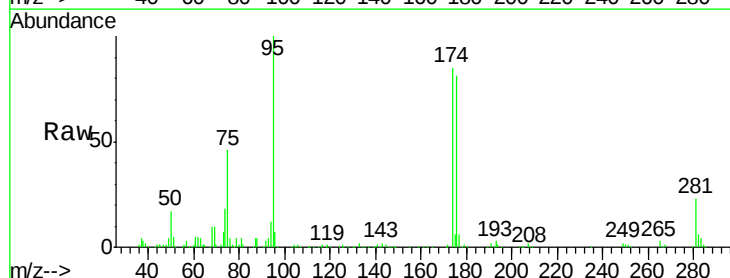
Tgt Ion: 95 Resp: 79609

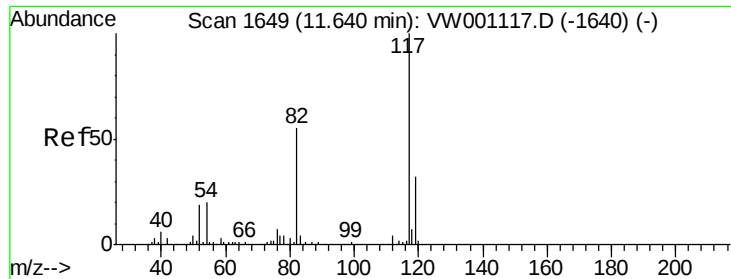
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.6

176 85.8 0.0 174.4

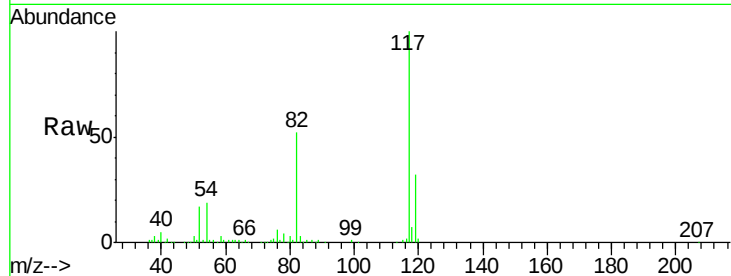




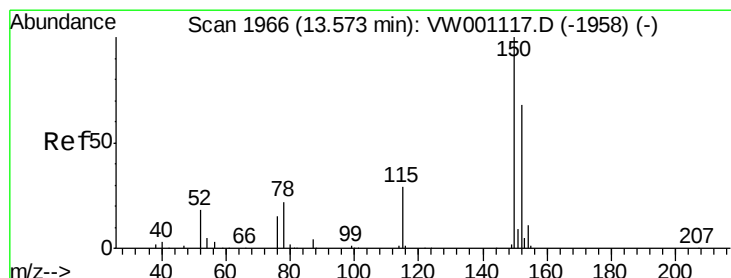
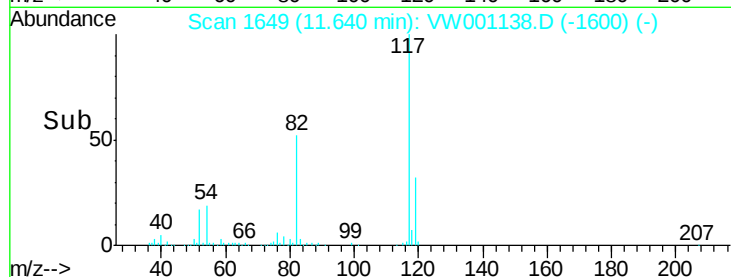
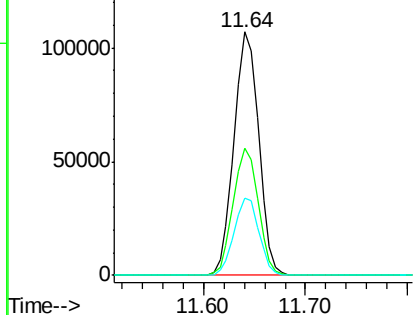
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001138.D
Acq: 29 Jan 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO3RE

Tgt Ion:117 Resp: 179285
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.8
119 31.9 25.8 38.8

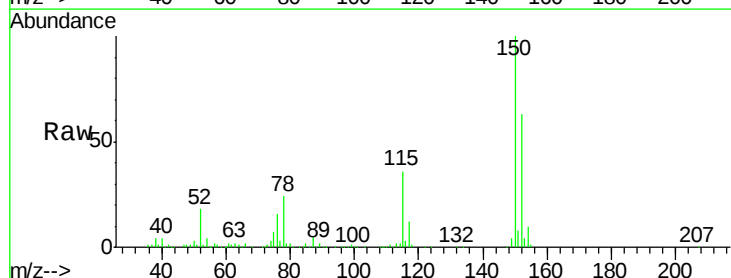


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

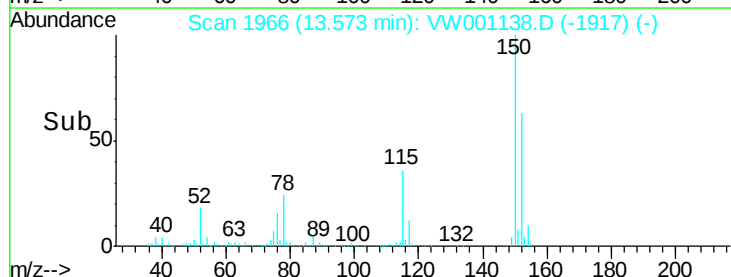
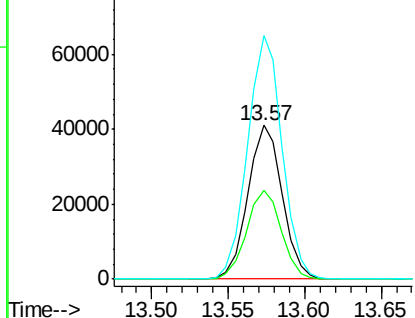


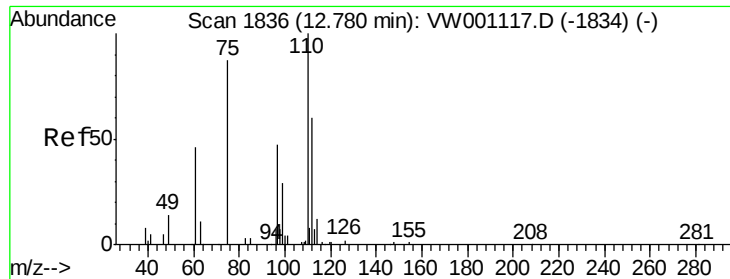
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001138.D
Acq: 29 Jan 2018 23:43

Tgt Ion:152 Resp: 64016
Ion Ratio Lower Upper
152 100
115 58.3 28.4 85.3
150 159.3 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

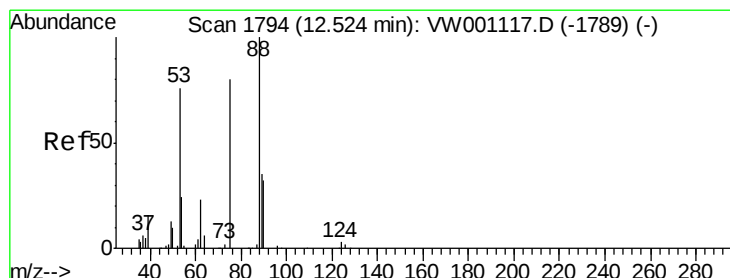
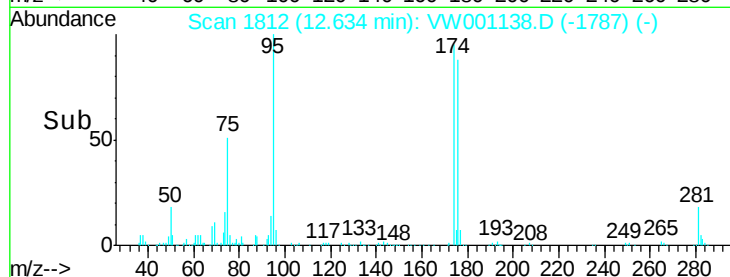
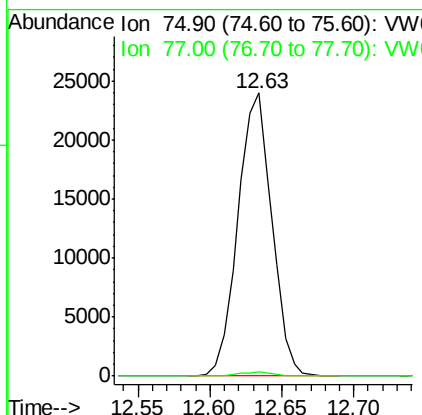
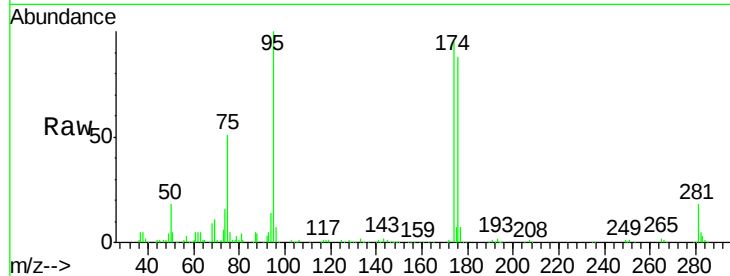




#76
 1,2,3-Trichloropropane
 Concen: 60.20 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. -0.15 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

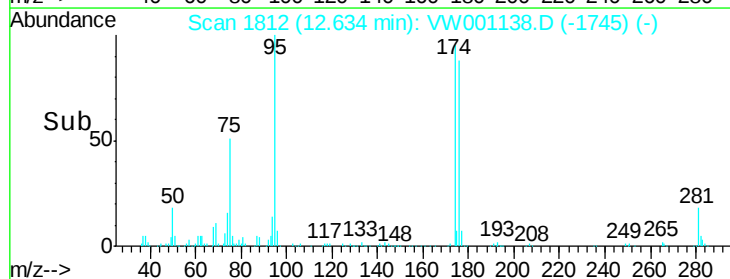
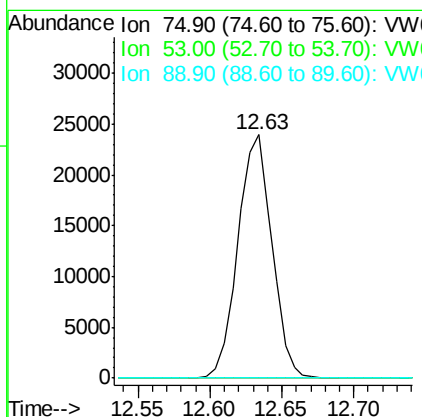
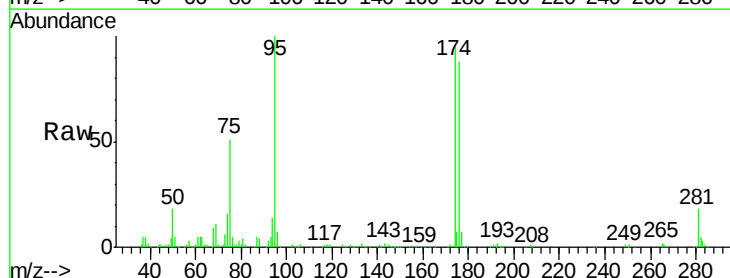
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO3RE

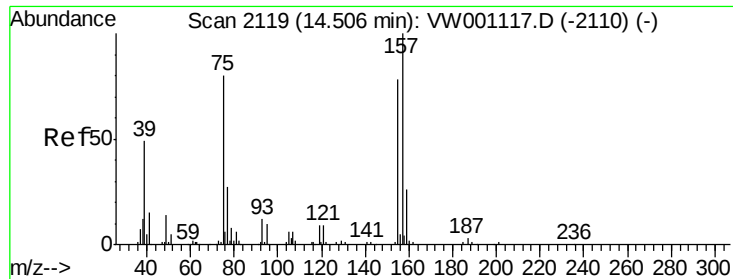
Tgt Ion: 75 Resp: 39058
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.29 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.11 min
 Lab File: VW001138.D
 Acq: 29 Jan 2018 23:43

Tgt Ion: 75 Resp: 39058
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 0.0 38.2 57.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.48 ug/l

RT: 14.36 min Scan# 2095

Delta R.T. -0.15 min

Lab File: VW001138.D

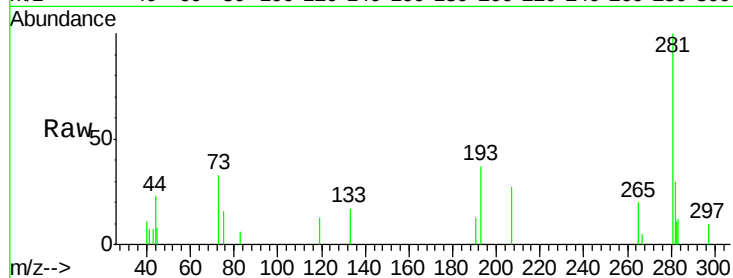
Acq: 29 Jan 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO3RE



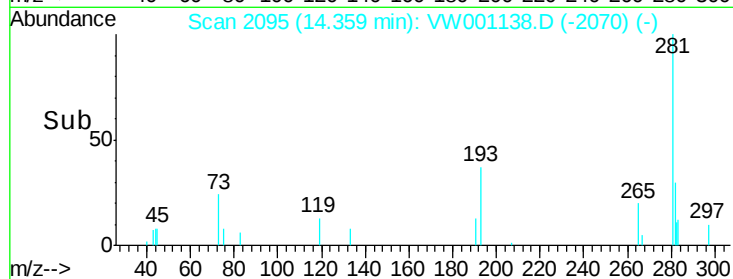
Tgt Ion: 75 Resp: 245

Ion Ratio Lower Upper

75 100

155 0.0 46.3 138.9#

157 0.0 60.0 180.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

