

Data File : VW008603.D
Acq On : 11 Feb 2019 17:49
Operator : SY/VA
Sample : K1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Quant Time: Feb 12 04:30:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	430682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	702856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	601945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	353881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	247251	58.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.88%	
35) Dibromofluoromethane	7.88	113	223588	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	895166	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
62) 4-Bromofluorobenzene	12.62	95	428567	67.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	608	3.481	ug/l	74
7) Trichlorofluoromethane	3.25	101	191	4.769	ug/l #	68
11) Tert butyl alcohol	5.17	59	1104	3.241	ug/l #	83
13) Acrolein	3.87	56	707	6.498	ug/l	96
16) Acetone	4.12	43	44383	46.712	ug/l	95
20) Methylene Chloride	4.90	84	32054	7.319	ug/l	87
25) 2-Butanone	7.17	43	20835	15.787	ug/l	93
29) Tetrahydrofuran	7.53	42	1108	1.325	ug/l #	60
31) Cyclohexane	7.95	56	33258	4.005	ug/l #	77
36) 1,1-Dichloropropene	7.94	75	32521	4.898	ug/l #	51
37) Ethyl Acetate	7.17	43	20835	7.093	ug/l #	71
38) Carbon Tetrachloride	7.95	117	39266	5.877	ug/l #	16
39) Methylcyclohexane	9.34	83	310593	35.611	ug/l	99
43) Isopropyl Acetate	8.41	43	26996	4.424	ug/l #	54
47) Bromodichloromethane	9.60	83	10372	1.660	ug/l #	77
48) Methyl methacrylate	9.38	41	35631	11.941	ug/l #	14
49) 1,4-Dioxane	9.44	88	297	7.437	ug/l #	1
51) 4-Methyl-2-Pentanone	10.32	43	80042	26.549	ug/l #	58
55) 1,1,2-Trichloroethane	10.76	97	336302	102.621	ug/l #	21
56) Ethyl methacrylate	10.62	69	147054	32.024	ug/l #	87
59) 2-Hexanone	10.93	43	369641	173.675	ug/l #	31
67) Ethyl Benzene	11.73	91	139375	6.171	ug/l	97
68) m/p-Xylenes	11.84	106	52632	6.006	ug/l	80
69) o-Xylene	12.16	106	89136	10.705	ug/l	81
73) Isopropylbenzene	12.46	105	142672	5.408	ug/l	99
74) N-amyl acetate	12.26	43	748645	110.150	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.69	83	126679	30.329	ug/l #	94
76) 1,2,3-Trichloropropane	12.62	75	183999	59.803	ug/l #	1
78) n-propylbenzene	12.80	91	219549	6.929	ug/l	92
79) 2-Chlorotoluene	12.94	91	162013	9.061	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	1153529	52.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	183978	118.102	ug/l #	23
82) 4-Chlorotoluene	12.94	91	160699	8.441	ug/l	94
83) tert-Butylbenzene	13.21	119	30965	1.578	ug/l #	41

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021119\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

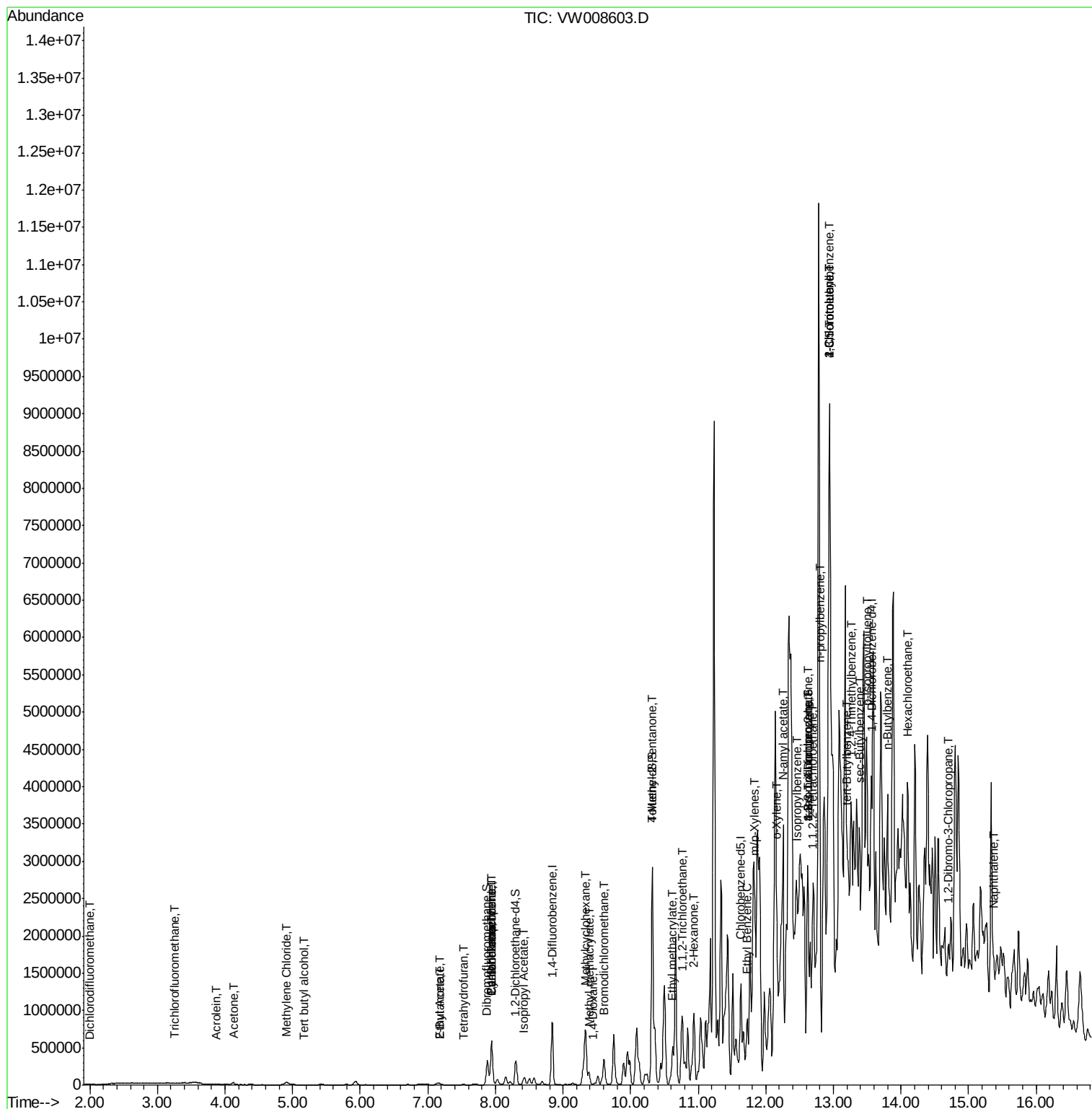
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	686309	30.620	ug/l	100
85) sec-Butylbenzene	13.38	105	298388	10.647	ug/l	84
86) p-Isopropyltoluene	13.50	119	400252	16.305	ug/l	99
89) n-Butylbenzene	13.79	91	132095	5.481	ug/l #	1
90) Hexachloroethane	14.10	117	76525	15.941	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.69	75	4008	5.057	ug/l	63
95) Naphthalene	15.37	128	362534	28.102	ug/l #	92

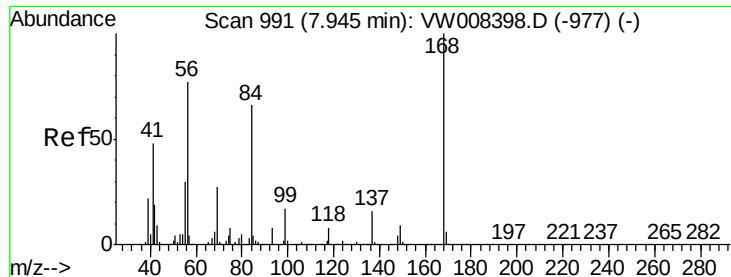
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

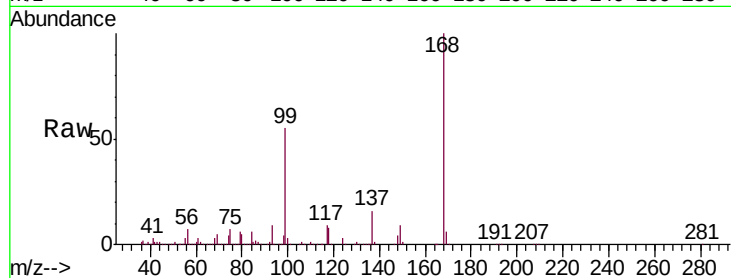
SB-1

Tgt Ion: 168 Resp: 430682

Ion Ratio Lower Upper

168 100

99 54.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

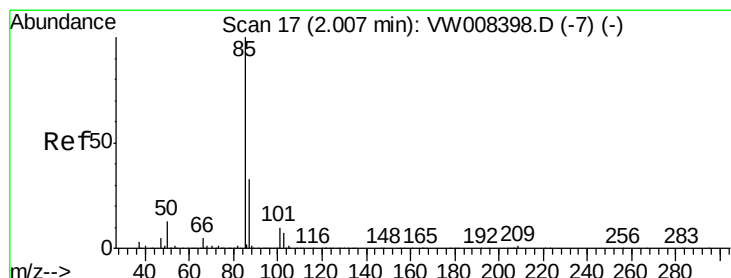
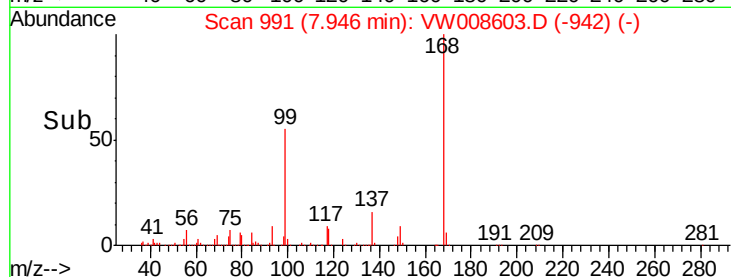
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.481 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008603.D

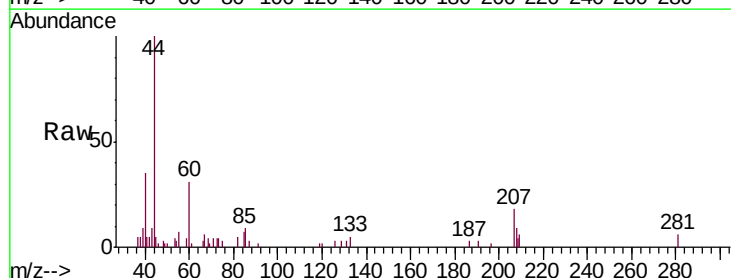
Acq: 11 Feb 2019 17:49

Tgt Ion: 85 Resp: 608

Ion Ratio Lower Upper

85 100

87 18.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

500

400

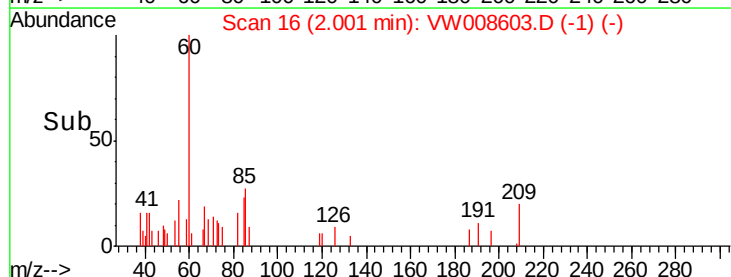
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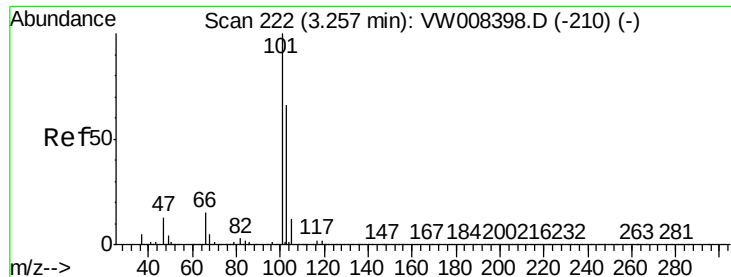
200

100

0

Time-->



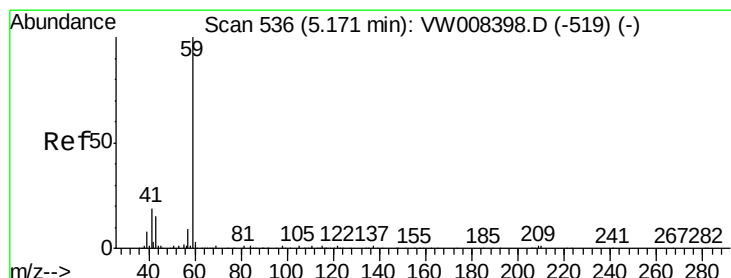
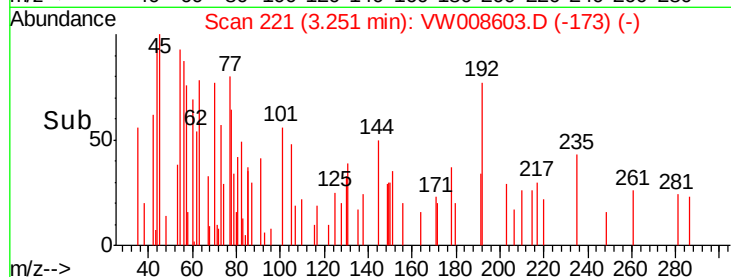
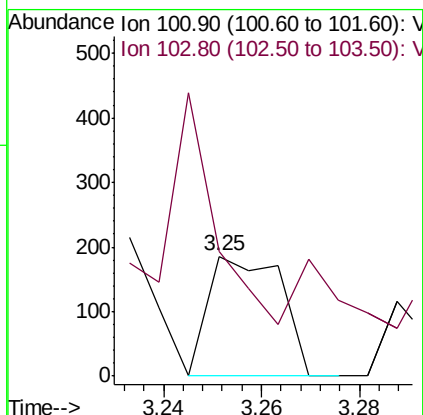
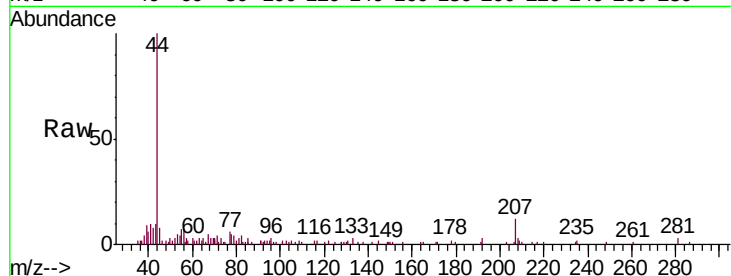


#7

Trichlorofluoromethane
Concen: 4.769 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Instrument :
MSVOA_W
ClientSampled :
SB-1

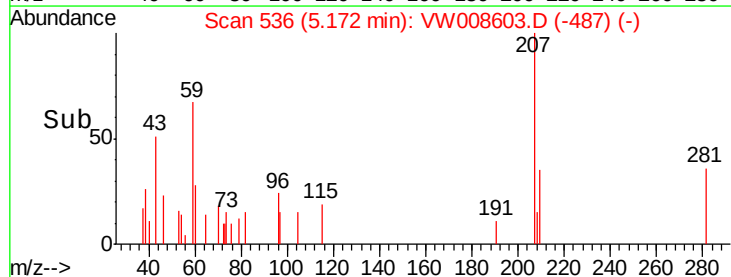
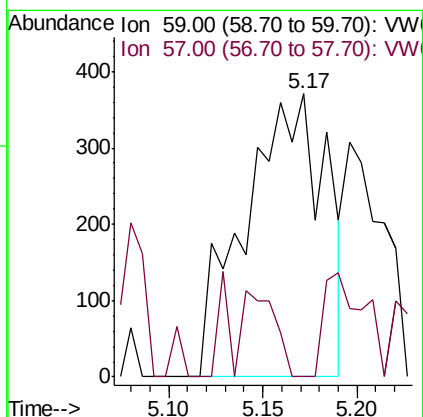
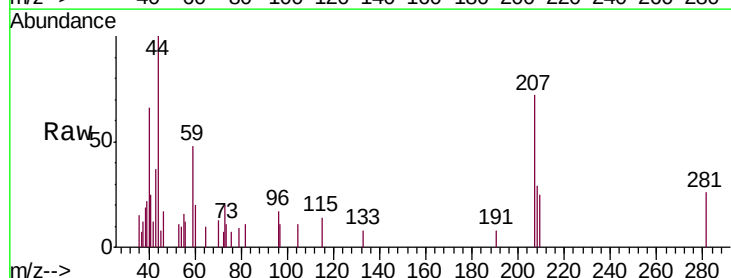
Tgt Ion: 101 Resp: 191
Ion Ratio Lower Upper
101 100
103 40.3 52.5 78.7#

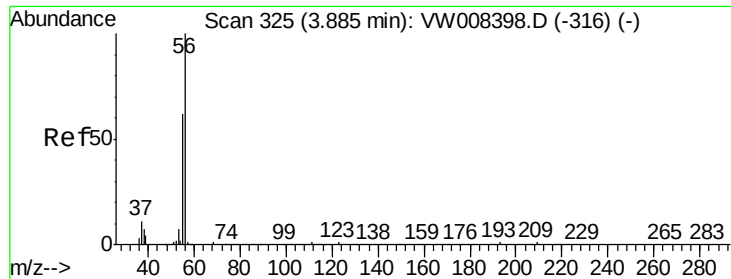


#11

Tert butyl alcohol
Concen: 3.241 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion: 59 Resp: 1104
Ion Ratio Lower Upper
59 100
57 18.0 9.3 13.9#

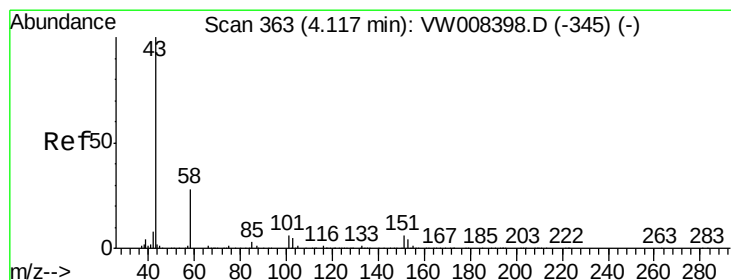
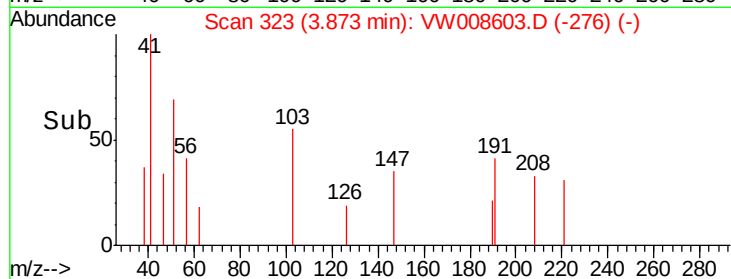
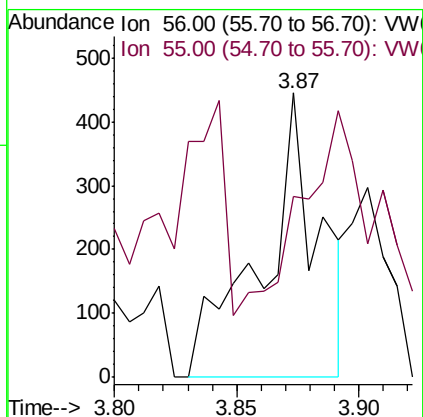
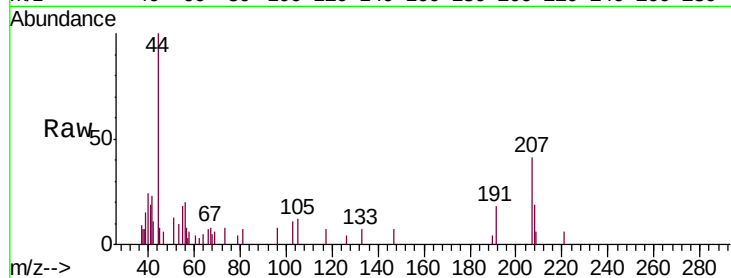




#13
Acrolein
Concen: 6.498 ug/l
RT: 3.87 min Scan# 323
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

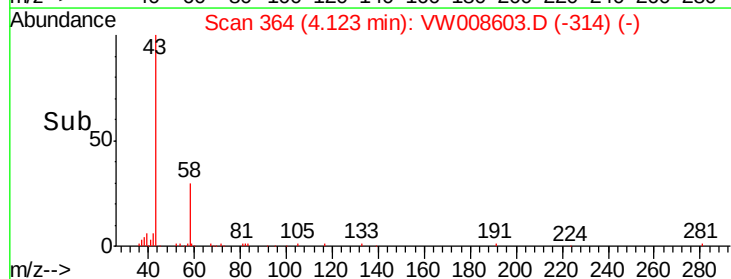
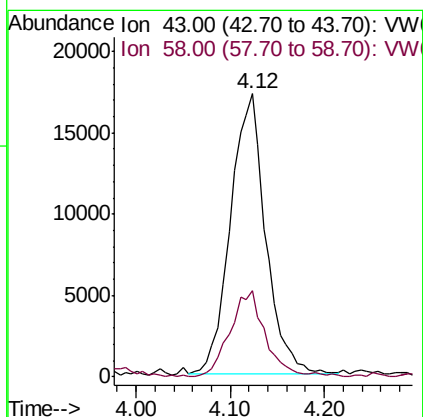
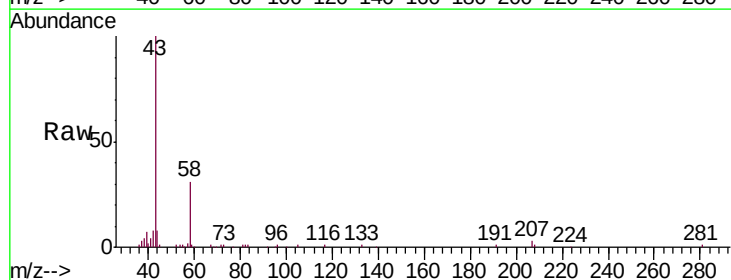
Instrument :
MSVOA_W
ClientSampled :
SB-1

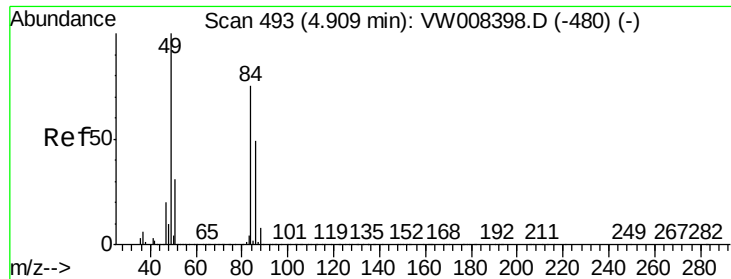
Tgt Ion: 56 Resp: 707
Ion Ratio Lower Upper
56 100
55 67.2 56.7 85.1



#16
Acetone
Concen: 46.712 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion: 43 Resp: 44383
Ion Ratio Lower Upper
43 100
58 31.0 22.6 34.0

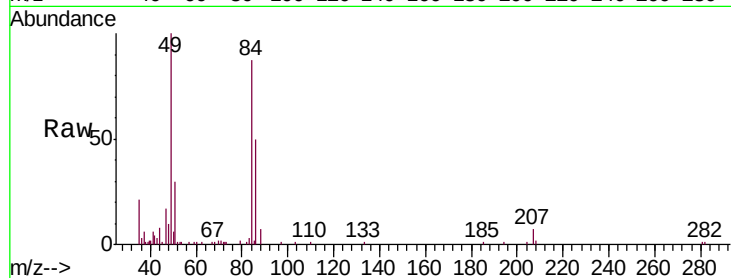




#20
Methylene Chloride
Concen: 7.319 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tgt Ion:	84	Resp:	32054
Ion	Ratio	Lower	Upper
84	100		
49	115.6	106.8	160.2
51	33.4	32.9	49.3
86	58.3	52.2	78.2



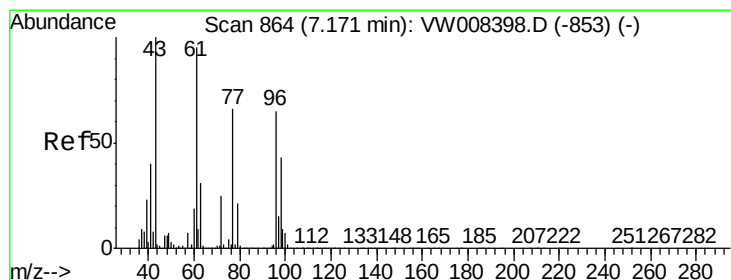
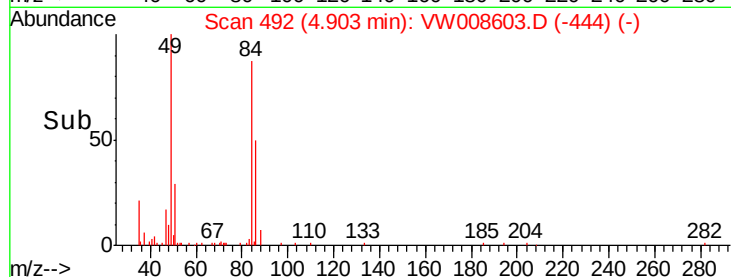
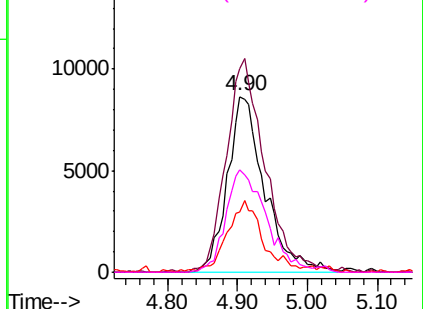
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

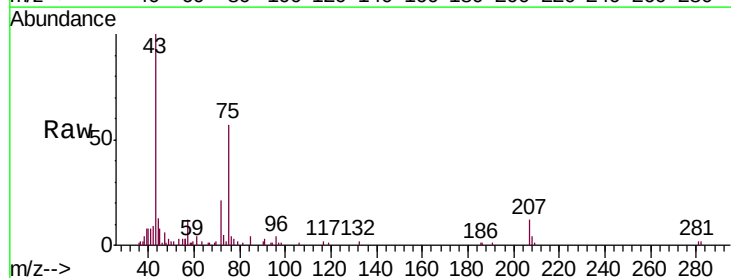
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 15.787 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

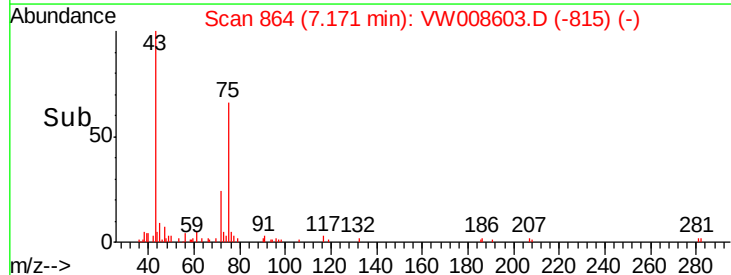
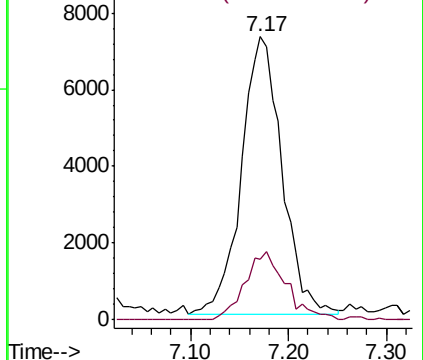
Tgt Ion:	43	Resp:	20835
Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.1	30.1

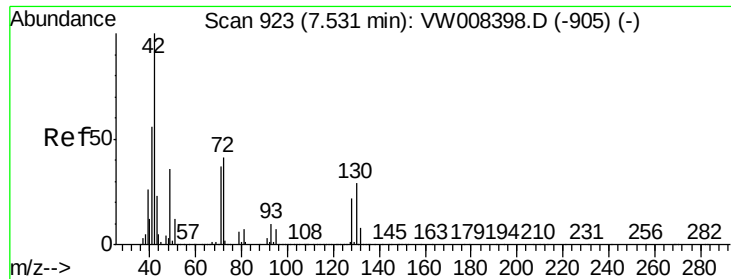


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.325 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

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ClientSampleId :

SB-1

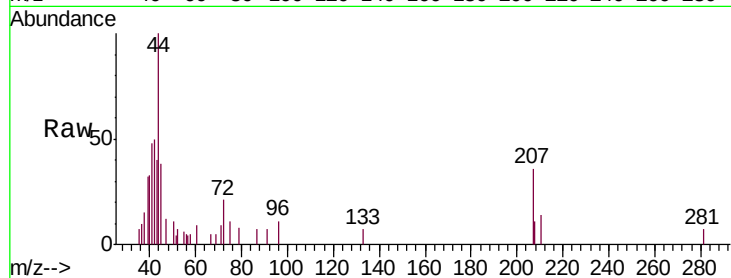
Tgt Ion: 42 Resp: 1108

Ion Ratio Lower Upper

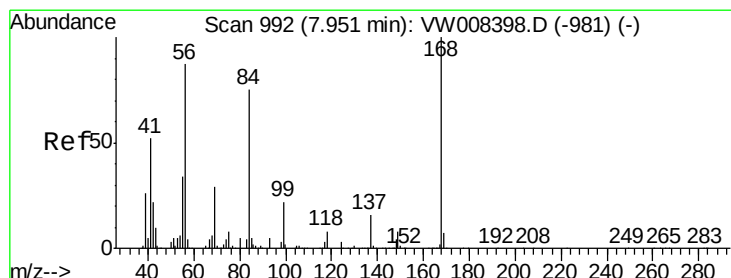
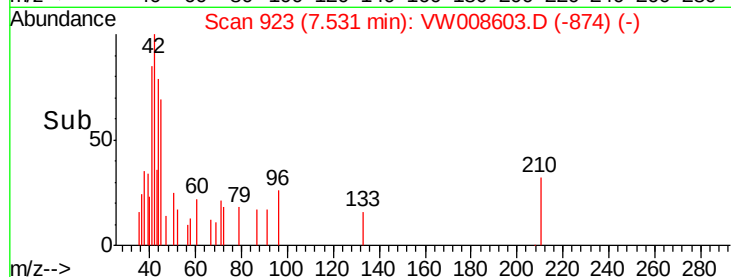
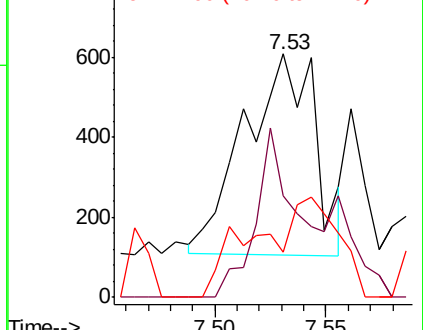
42 100

72 51.4 31.9 47.9#

71 0.0 29.9 44.9#



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: 4.005 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

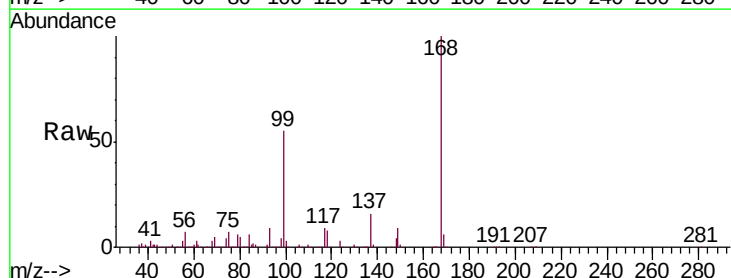
Tgt Ion: 56 Resp: 33258

Ion Ratio Lower Upper

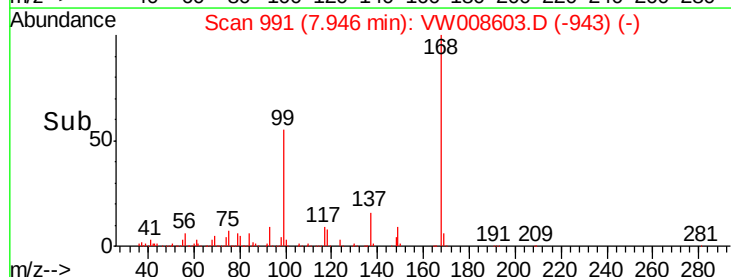
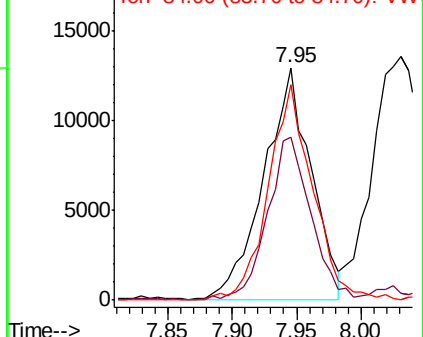
56 100

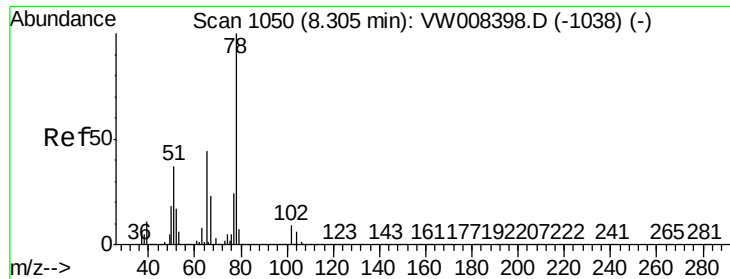
69 70.2 26.4 39.6#

84 92.7 69.1 103.7



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

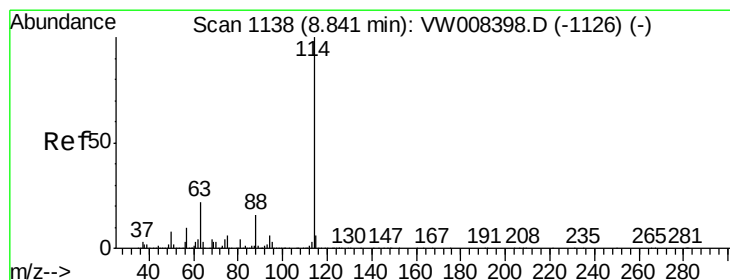
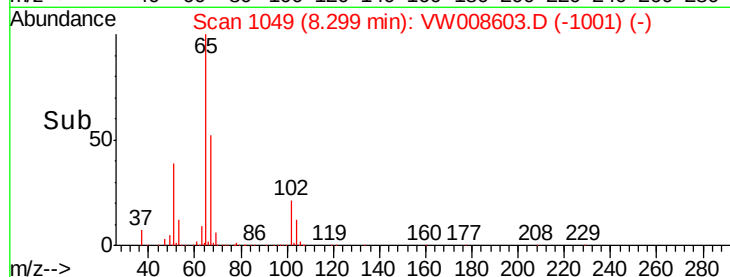
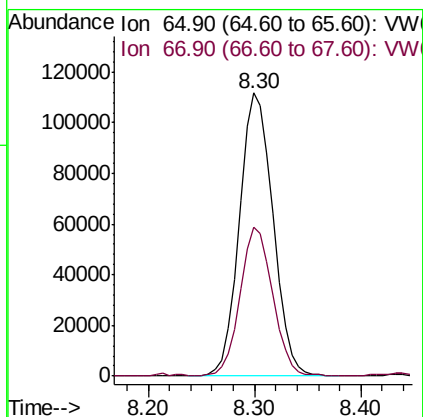
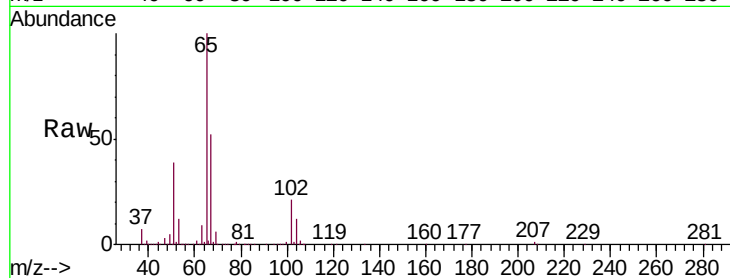




#33
 1,2-Dichloroethane-d4
 Concen: 58.437 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

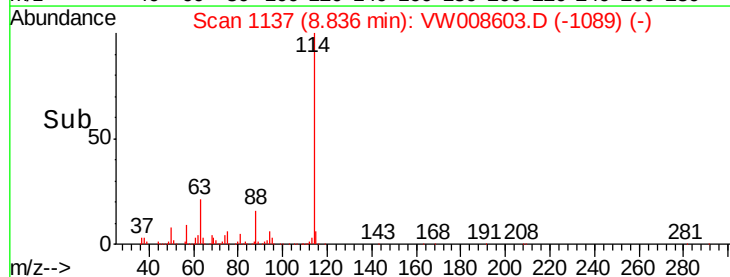
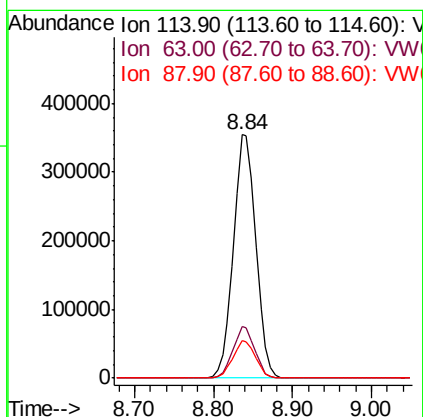
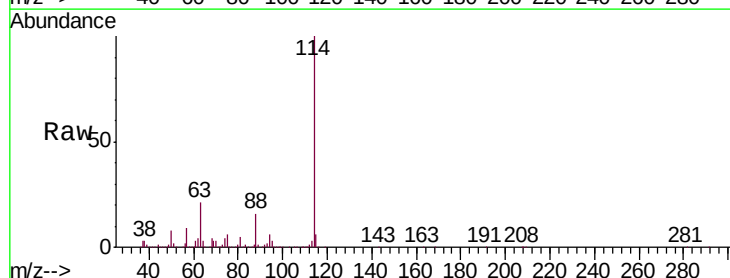
Instrument :
 MSVOA_W
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 SB-1

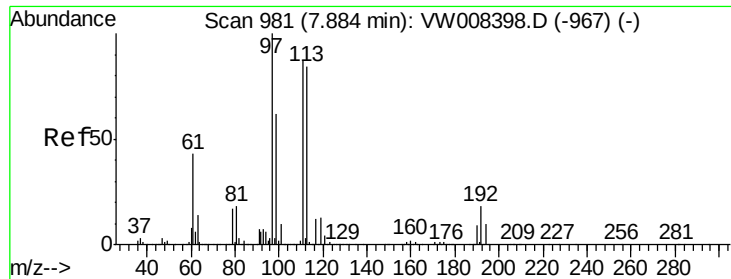
Tgt Ion: 65 Resp: 247251
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

Tgt Ion: 114 Resp: 702856
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.6
 88 15.6 0.0 31.8

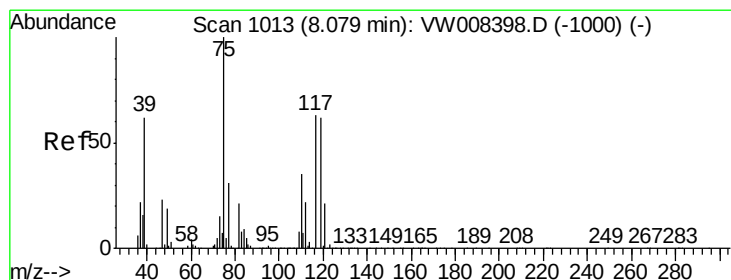
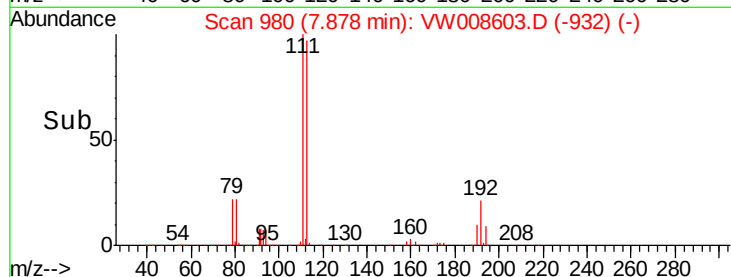
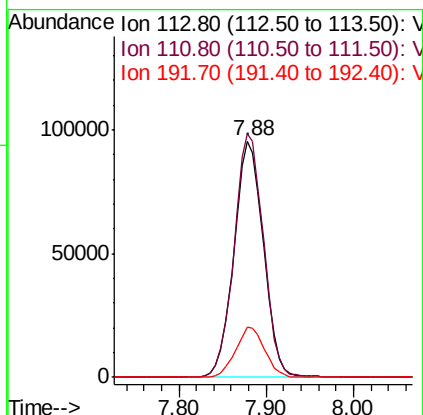
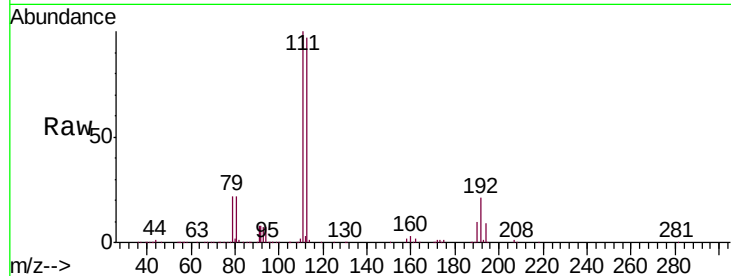




#35
 Dibromofluoromethane
 Concen: 54.403 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

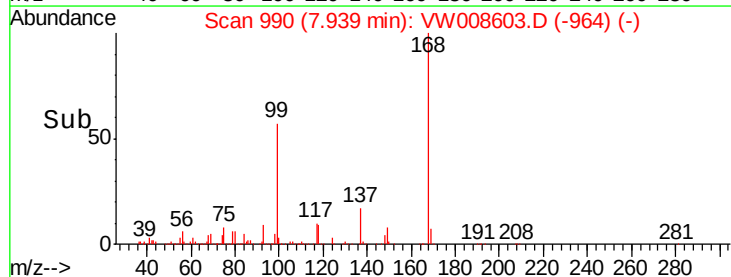
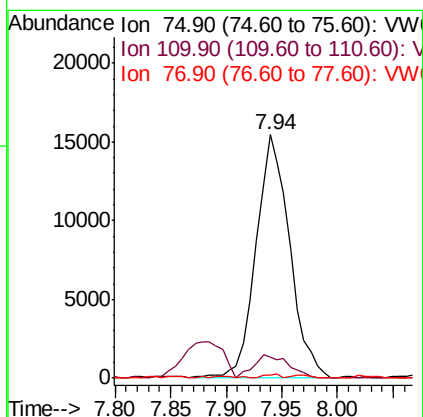
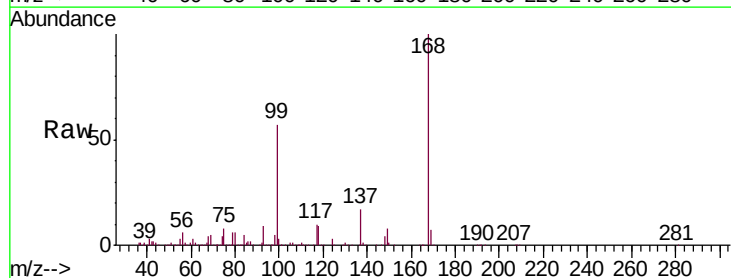
Instrument :
 MSVOA_W
 ClientSampled :
 SB-1

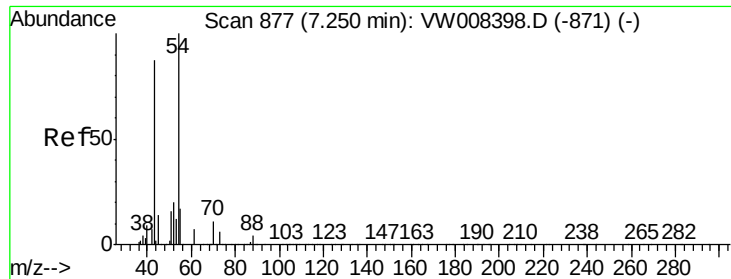
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	21.1	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.898 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	52.0#
77	0.9	24.7	37.1#

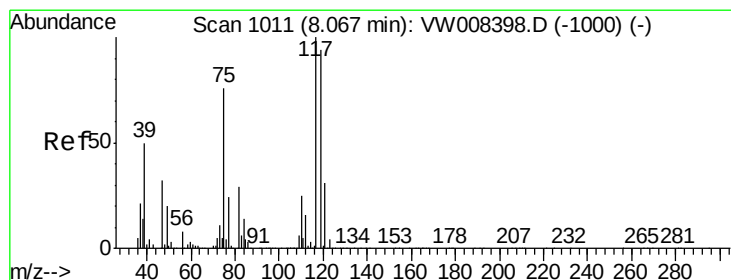
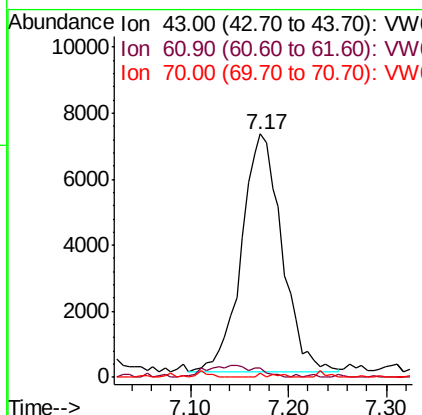
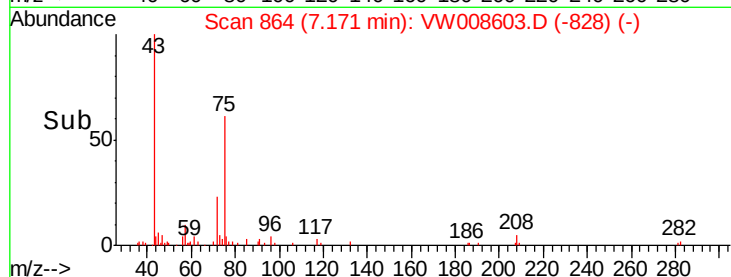
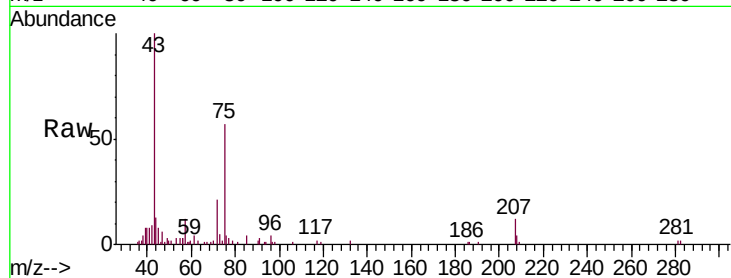




#37
Ethyl Acetate
Concen: 7.093 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

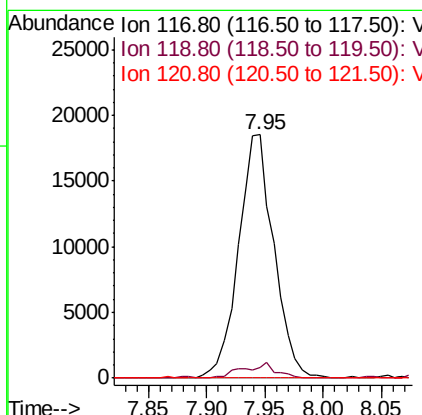
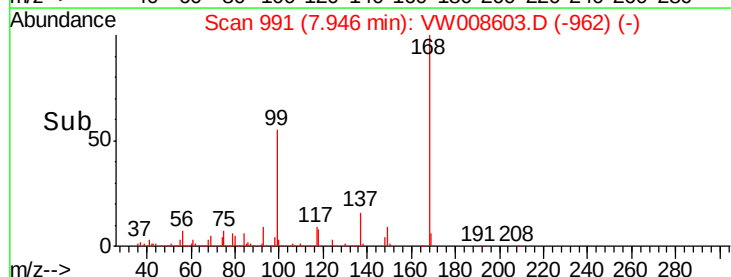
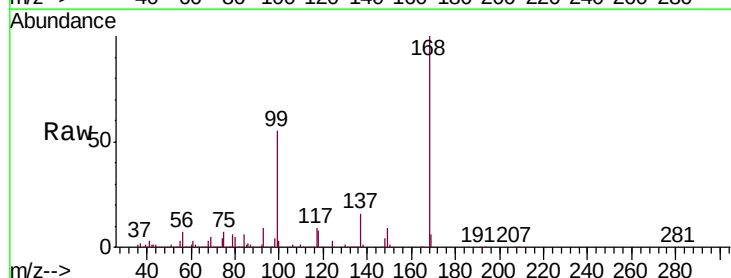
Instrument :
MSVOA_W
ClientSampleId :
SB-1

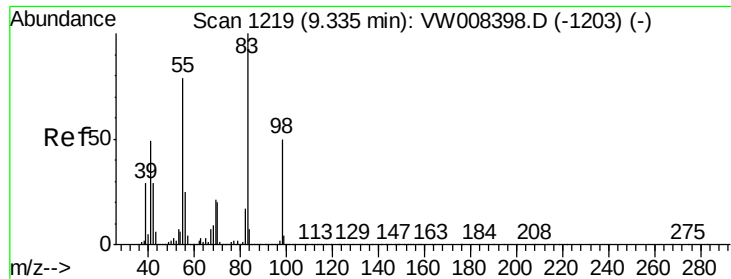
Tgt Ion: 43 Resp: 20835
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.2 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion: 117 Resp: 39266
Ion Ratio Lower Upper
117 100
119 4.3 75.0 112.4#
121 0.0 24.9 37.3#

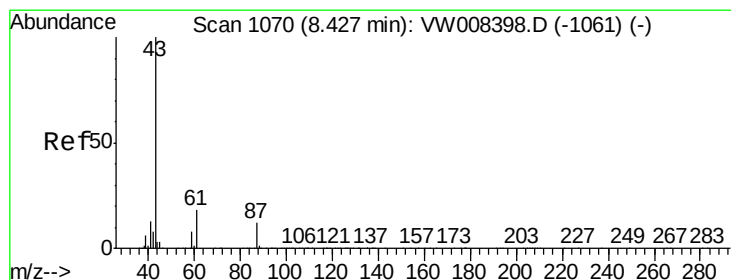
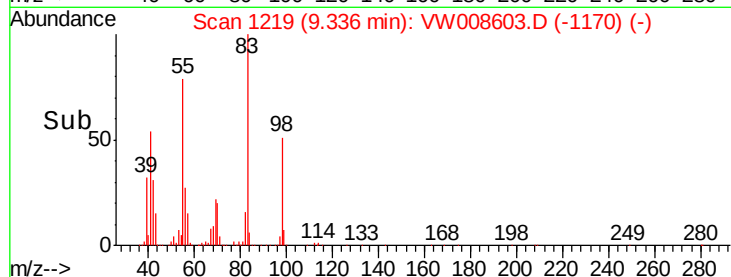
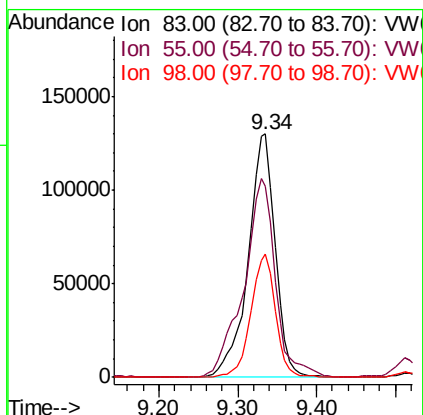
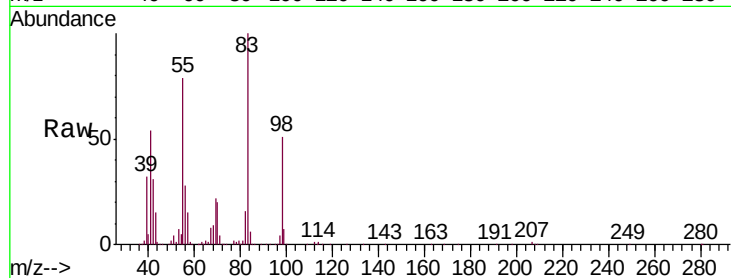




#39
Methylcyclohexane
Concen: 35.611 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

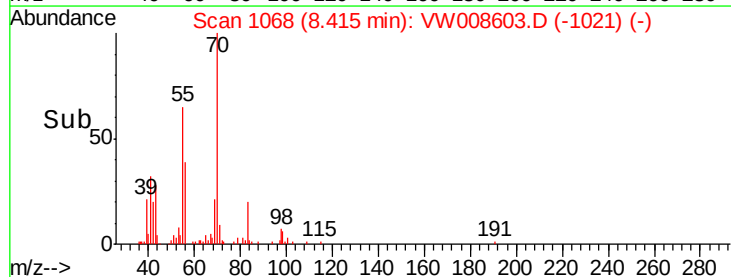
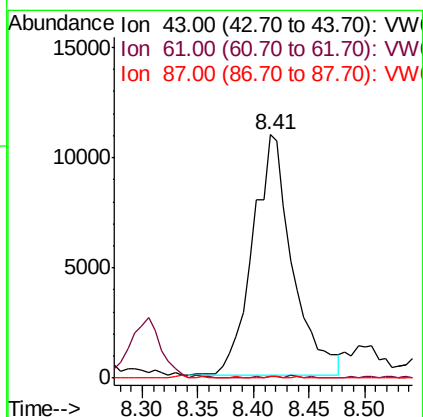
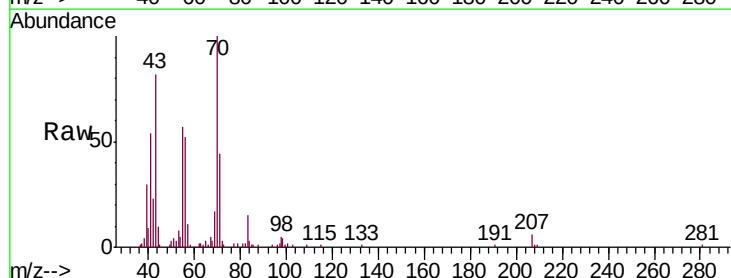
Instrument :
MSVOA_W
ClientSampleId :
SB-1

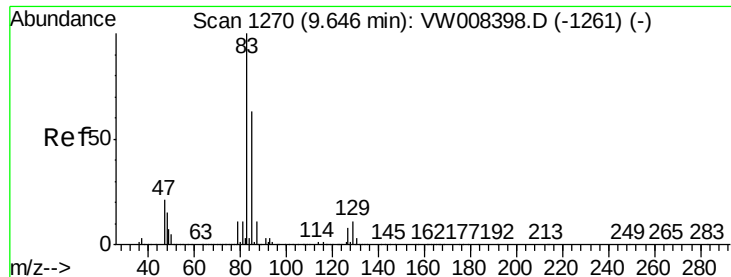
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.3	94.9
98	50.8	39.7	59.5



#43
Isopropyl Acetate
Concen: 4.424 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.0	33.0#
87	0.2	9.3	13.9#





#47

Bromodichloromethane

Concen: 1.660 ug/l

RT: 9.60 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

SB-1

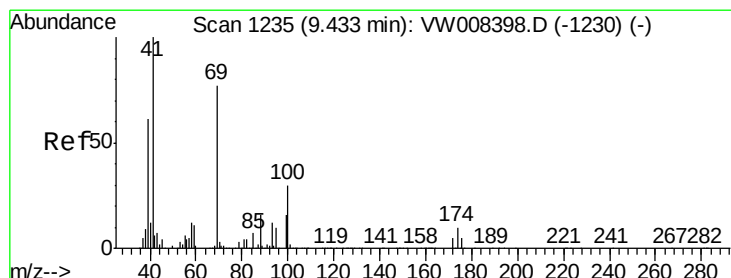
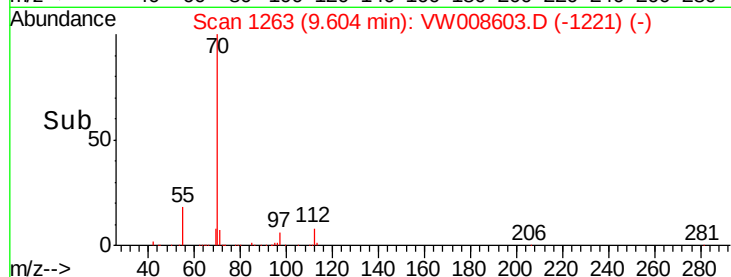
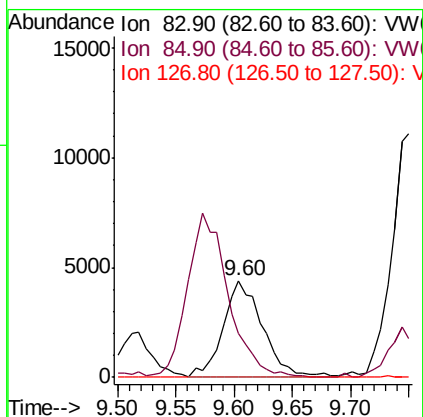
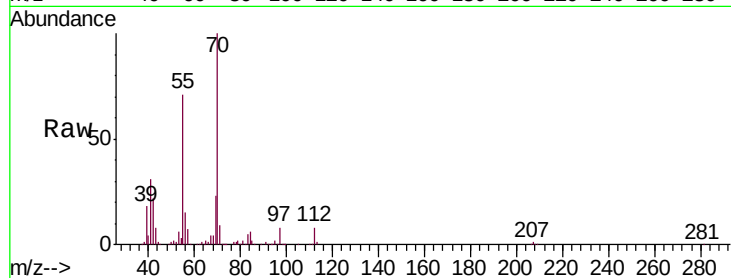
Tgt Ion: 83 Resp: 10372

Ion Ratio Lower Upper

83 100

85 45.6 50.8 76.2#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 11.941 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.05 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

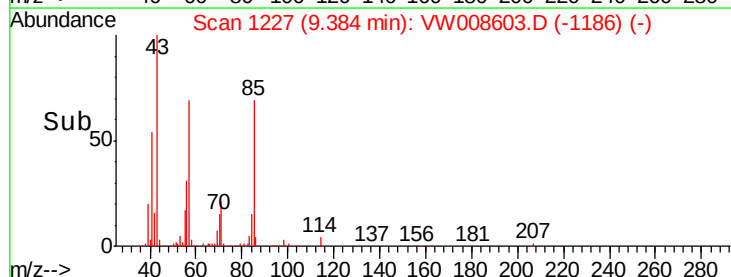
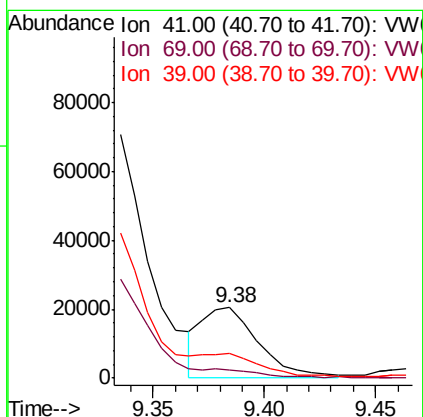
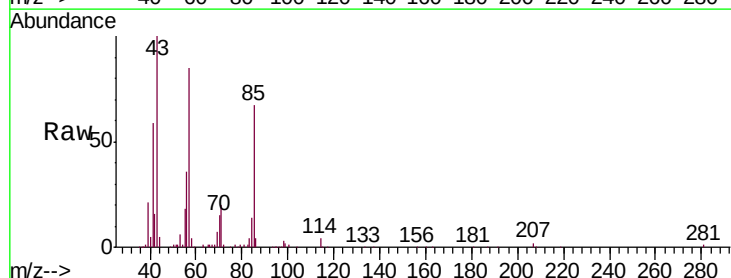
Tgt Ion: 41 Resp: 35631

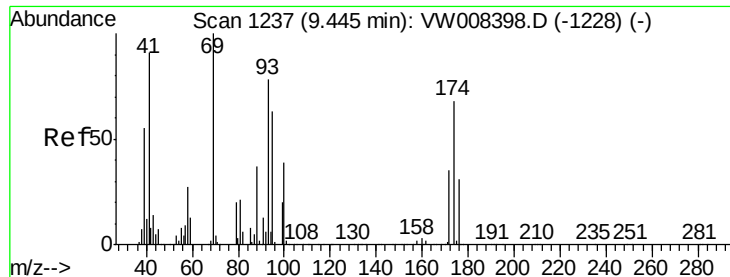
Ion Ratio Lower Upper

41 100

69 0.0 64.8 97.2#

39 0.0 49.1 73.7#

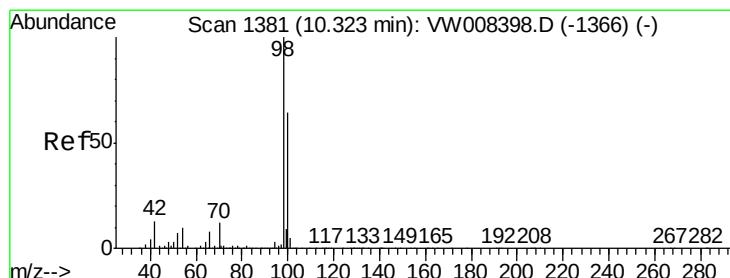
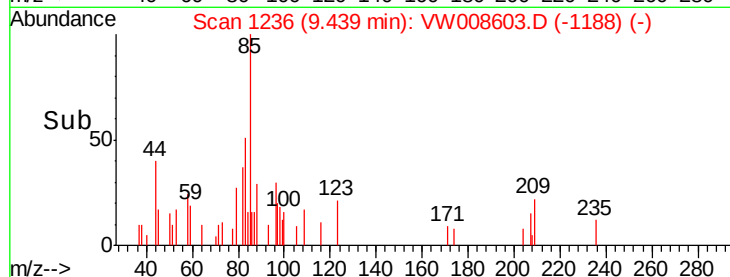
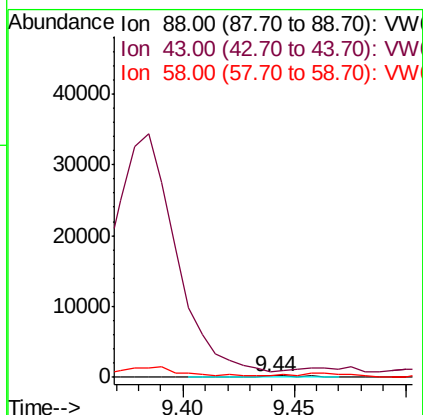
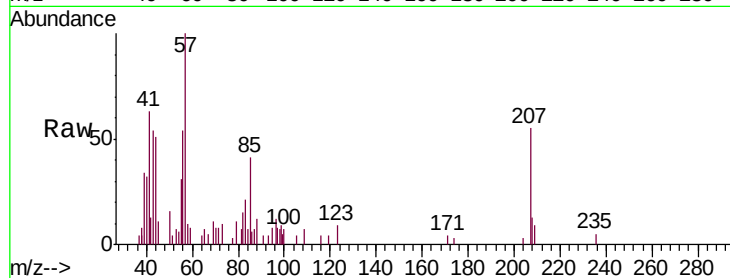




#49
1,4-Dioxane
Concen: 7.437 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

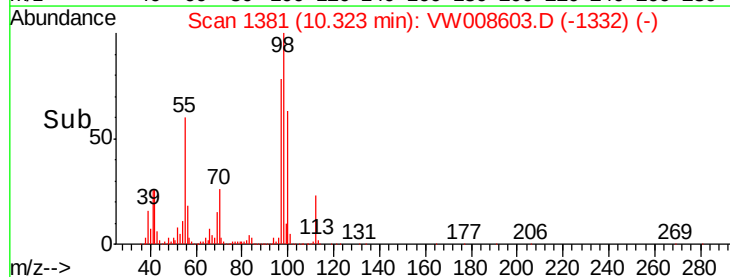
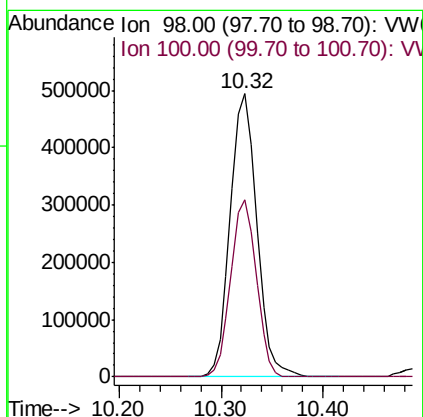
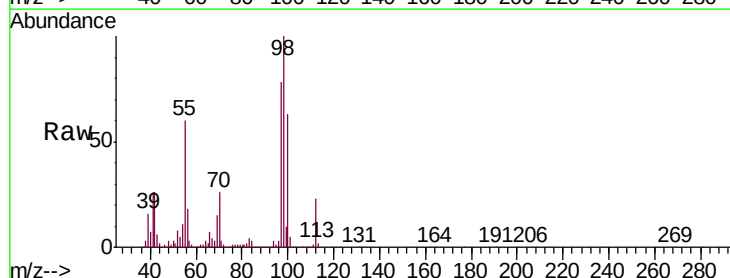
Instrument :
MSVOA_W
ClientSampled :
SB-1

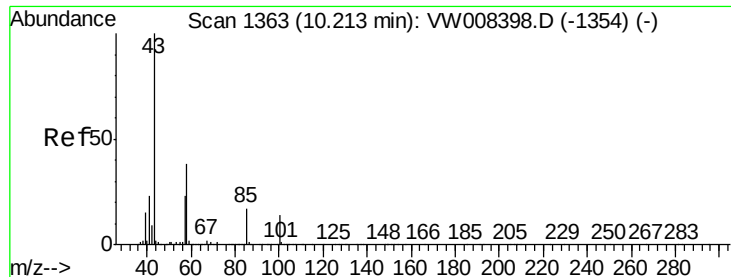
Tgt Ion: 88 Resp: 297
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 302.4 56.4 84.6#



#50
Toluene-d8
Concen: 54.316 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion: 98 Resp: 895166
Ion Ratio Lower Upper
98 100
100 60.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 26.549 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.10 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

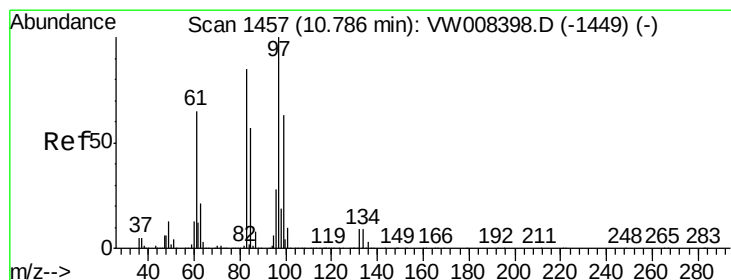
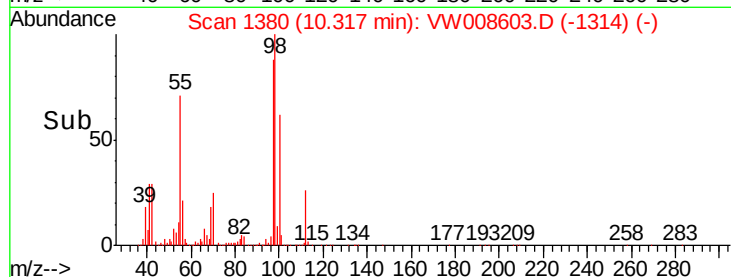
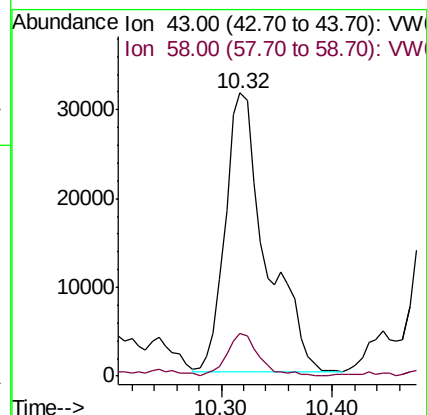
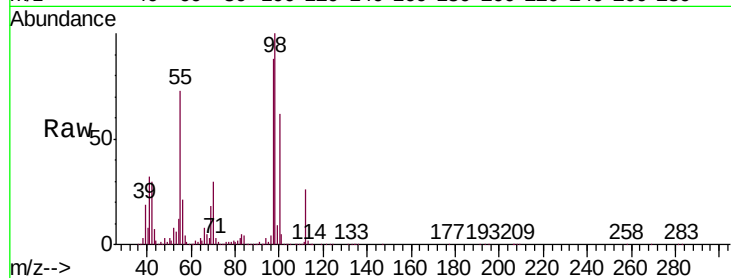
SB-1

Tgt Ion: 43 Resp: 80042

Ion Ratio Lower Upper

43 100

58 12.1 29.7 44.5#



#55

1,1,2-Trichloroethane

Concen: 102.621 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Tgt Ion: 97 Resp: 336302

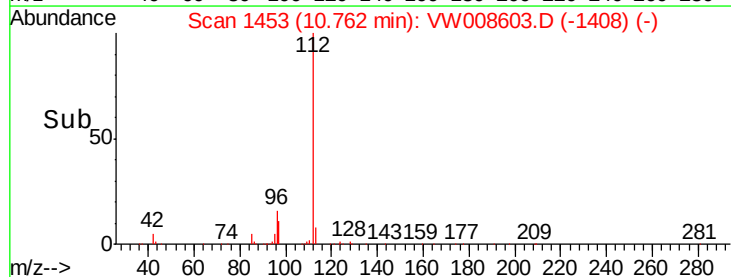
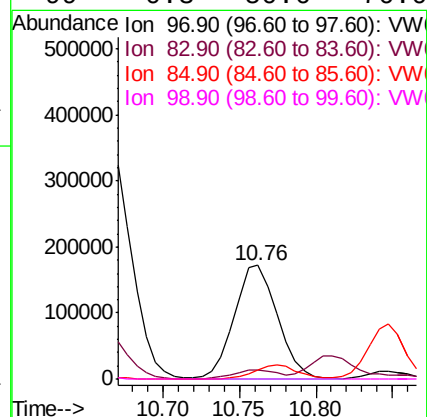
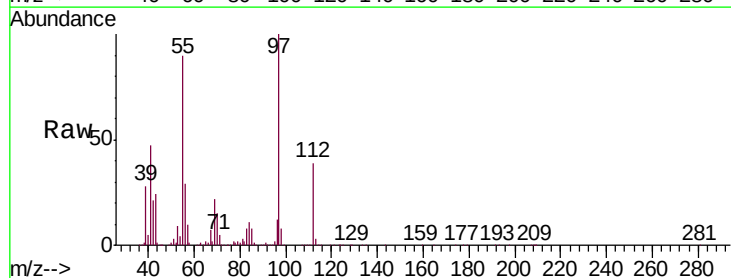
Ion Ratio Lower Upper

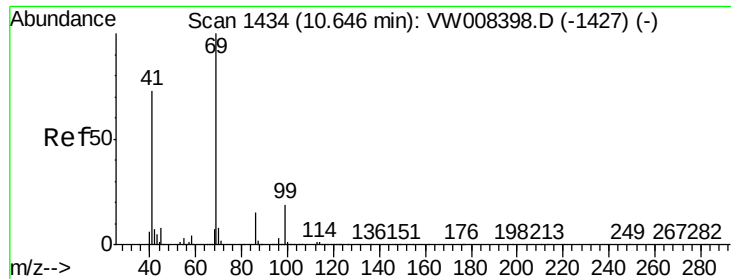
97 100

83 8.1 68.4 102.6#

85 7.6 45.3 67.9#

99 0.3 50.6 76.0#





#56

Ethyl methacrylate

Concen: 32.024 ug/l

RT: 10.62 min Scan# 1430

Delta R.T. -0.02 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

SB-1

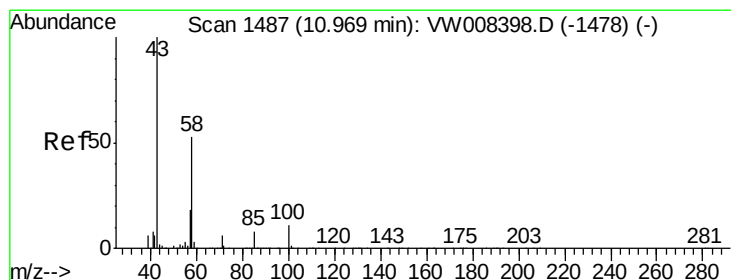
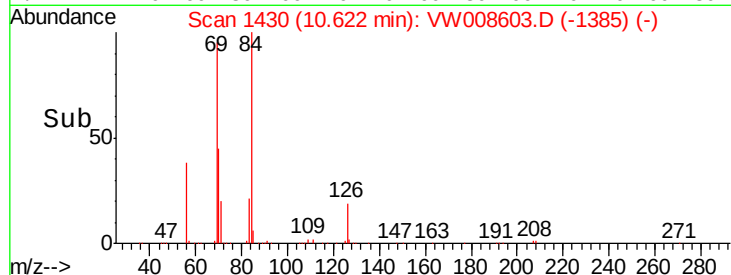
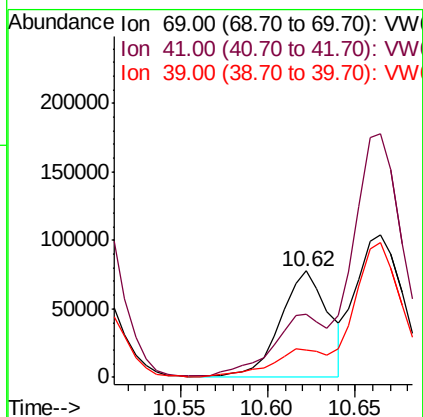
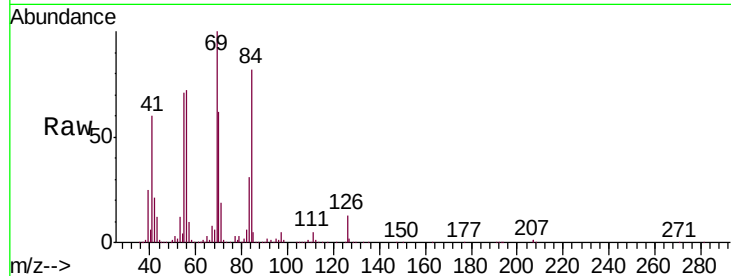
Tgt Ion: 69 Resp: 147054

Ion Ratio Lower Upper

69 100

41 64.3 58.7 88.1

39 30.0 32.6 48.8#



#59

2-Hexanone

Concen: 173.675 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW008603.D

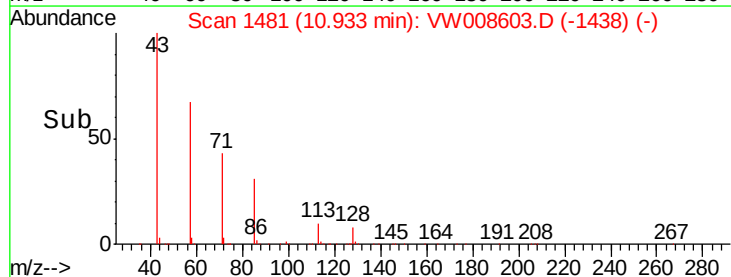
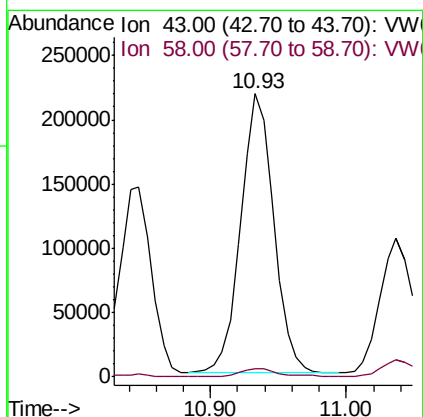
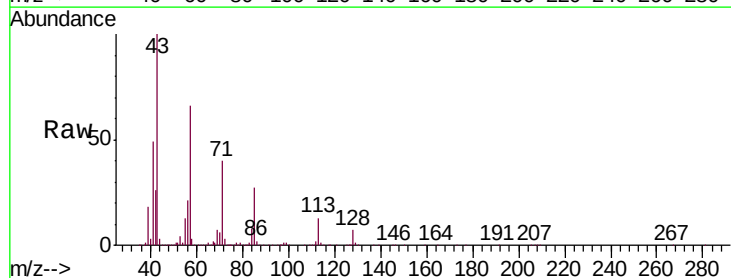
Acq: 11 Feb 2019 17:49

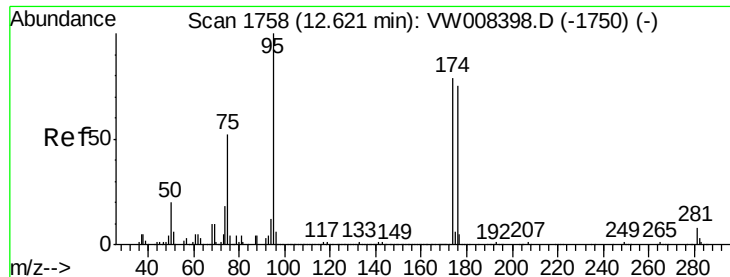
Tgt Ion: 43 Resp: 369641

Ion Ratio Lower Upper

43 100

58 3.7 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 67.652 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

SB-1

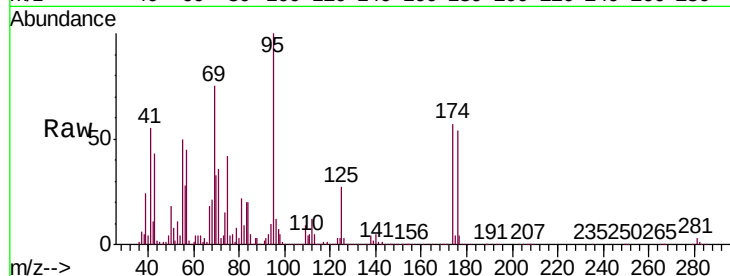
Tgt Ion: 95 Resp: 428567

Ion Ratio Lower Upper

95 100

174 62.5 0.0 157.6

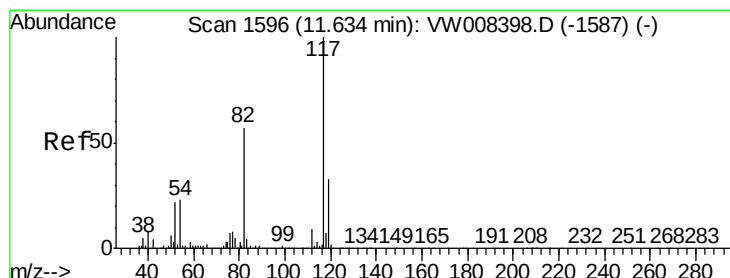
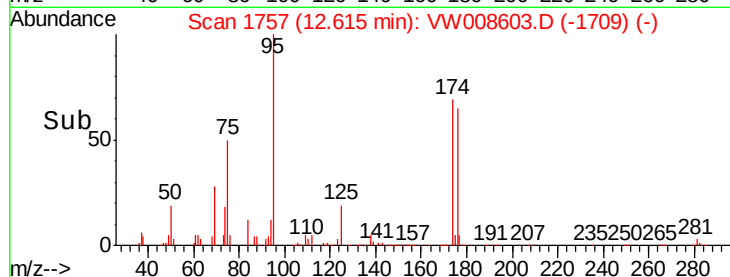
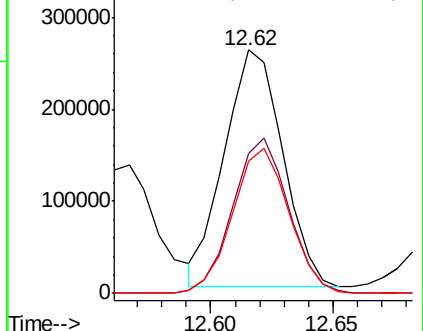
176 59.1 0.0 151.8



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# 1596

Delta R.T. 0.00 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

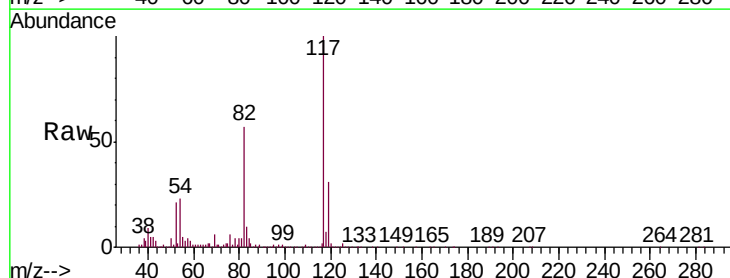
Tgt Ion: 117 Resp: 601945

Ion Ratio Lower Upper

117 100

82 52.2 45.4 68.0

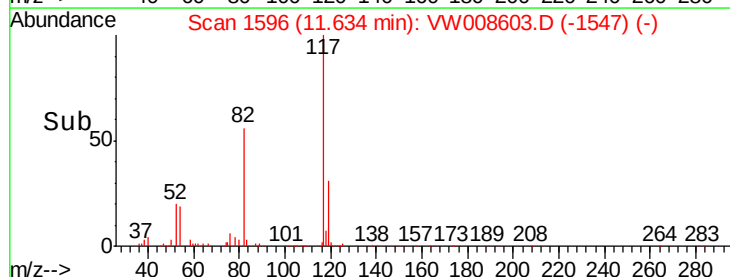
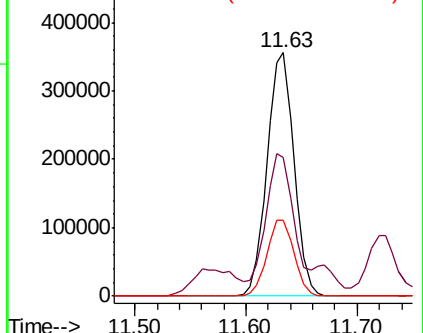
119 31.3 26.2 39.4

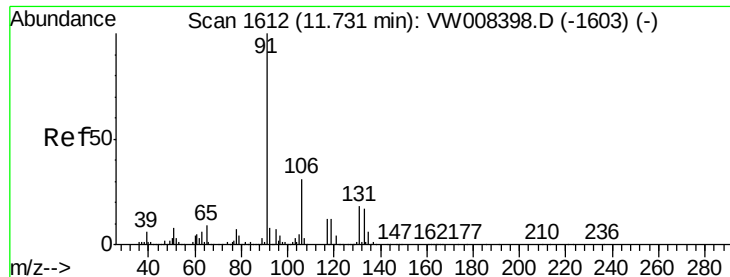


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#67

Ethyl Benzene

Concen: 6.171 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

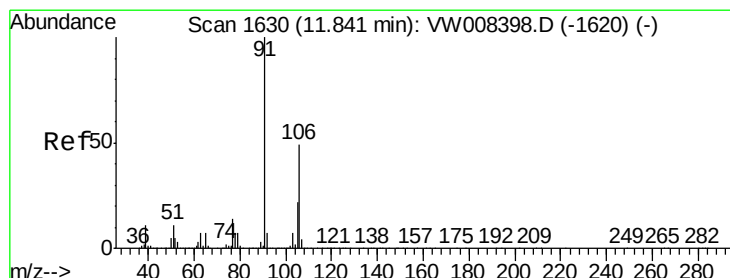
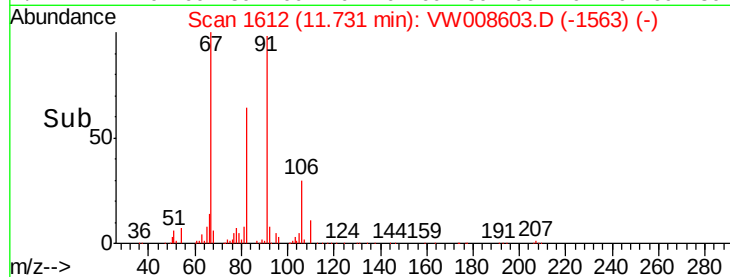
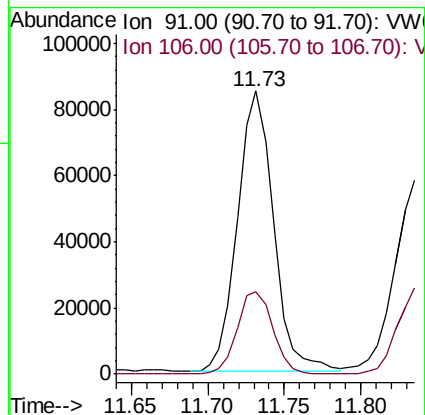
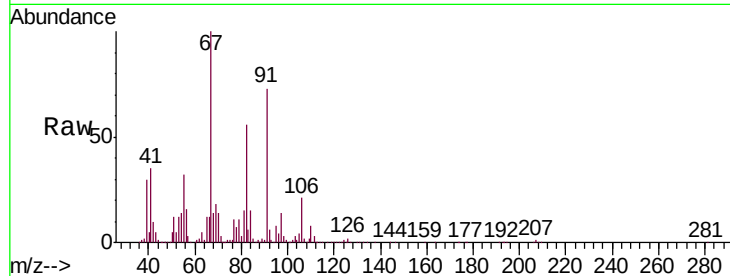
SB-1

Tgt Ion: 91 Resp: 139375

Ion Ratio Lower Upper

91 100

106 29.2 24.7 37.1



#68

m/p-Xylenes

Concen: 6.006 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008603.D

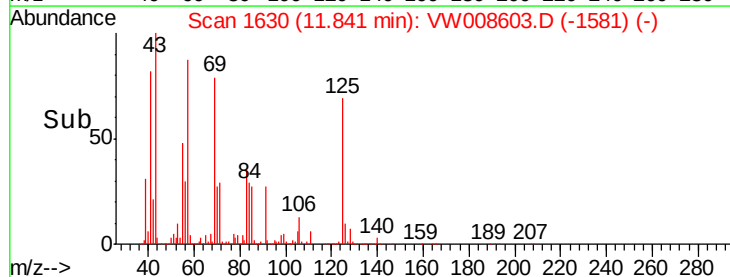
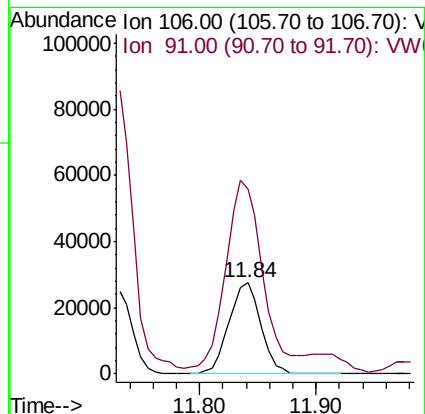
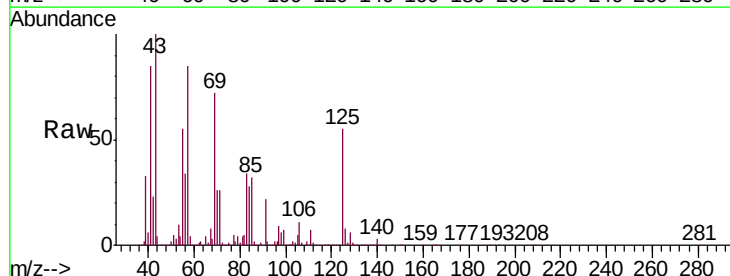
Acq: 11 Feb 2019 17:49

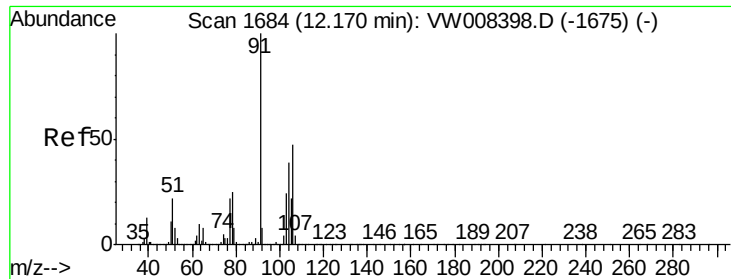
Tgt Ion: 106 Resp: 52632

Ion Ratio Lower Upper

106 100

91 233.9 162.9 244.3

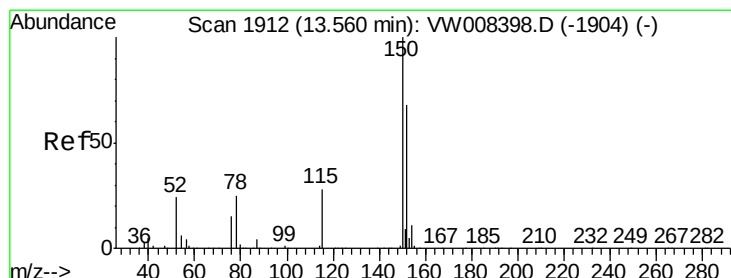
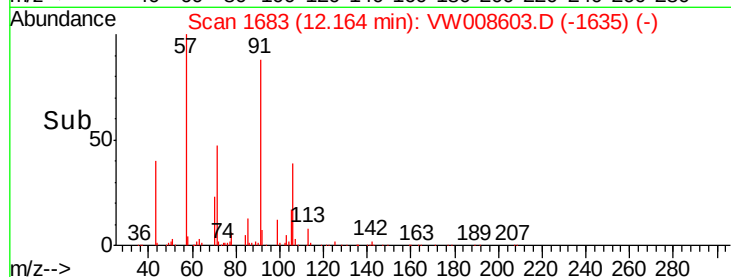
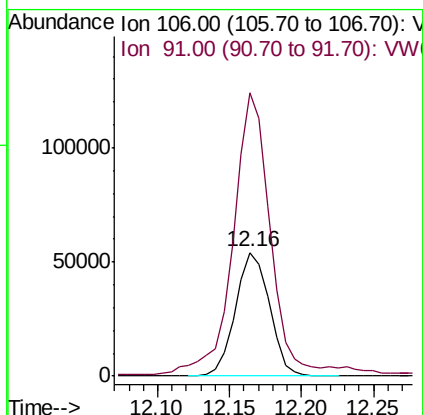
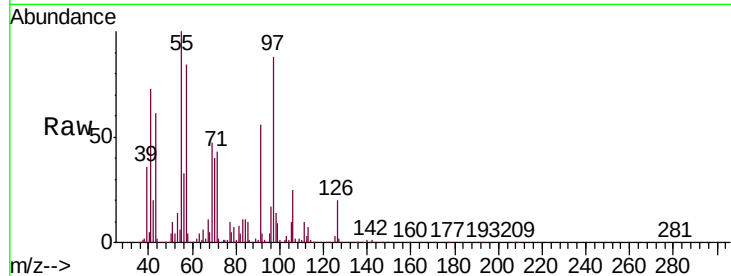




#69
o-Xylene
Concen: 10.705 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

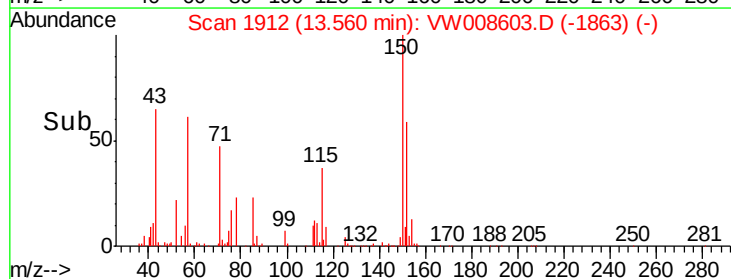
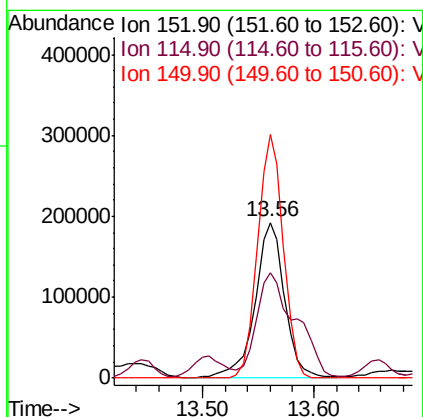
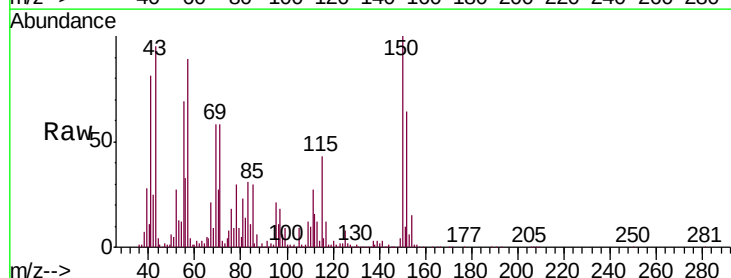
Instrument :
MSVOA_W
ClientSampled :
SB-1

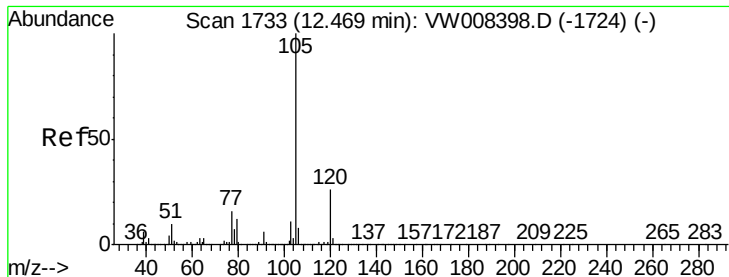
Tgt Ion:106 Resp: 89136
Ion Ratio Lower Upper
106 100
91 245.0 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion:152 Resp: 353881
Ion Ratio Lower Upper
152 100
115 87.9 29.9 89.7
150 136.6 0.0 351.4





#73

Isopropylbenzene

Concen: 5.408 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

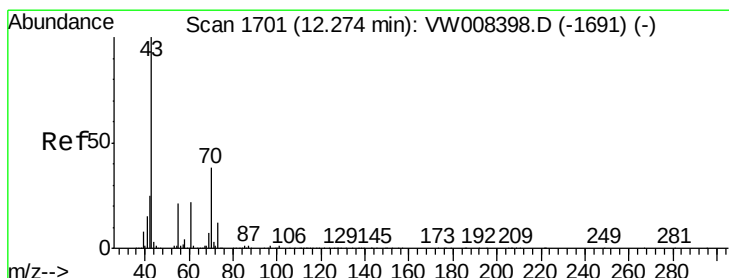
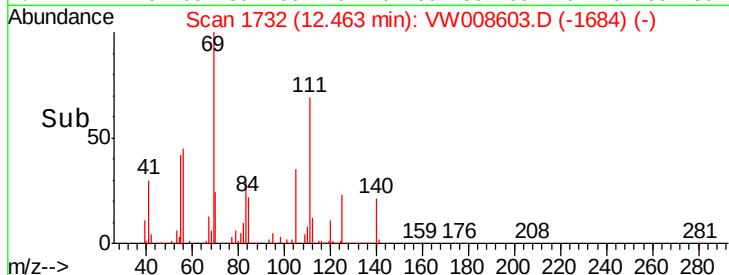
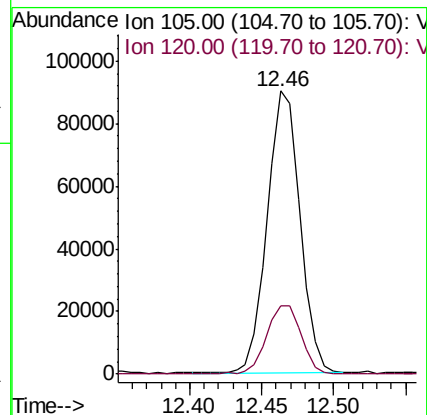
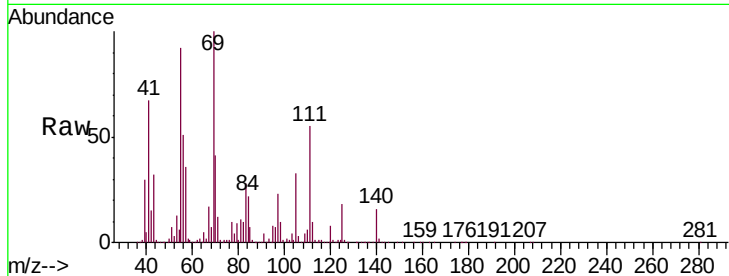
SB-1

Tgt Ion: 105 Resp: 142672

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.8



#74

N-ethyl acetate

Concen: 110.150 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Tgt Ion: 43 Resp: 748645

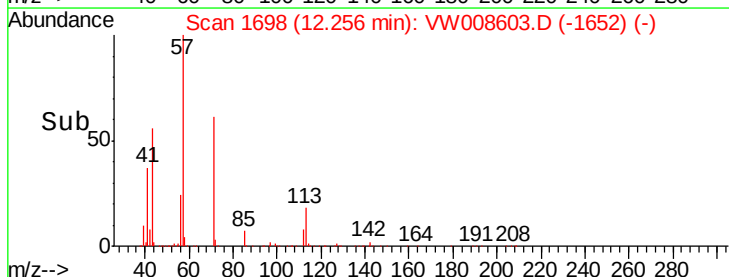
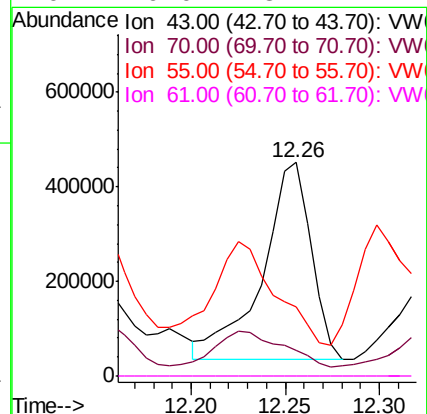
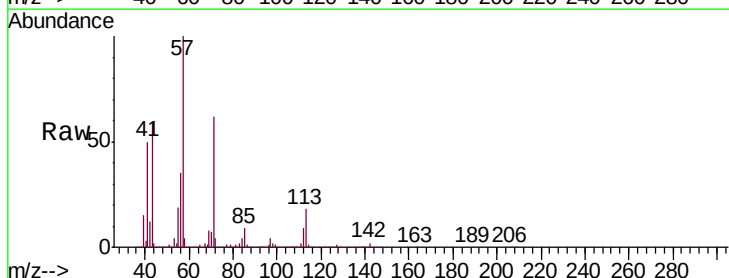
Ion Ratio Lower Upper

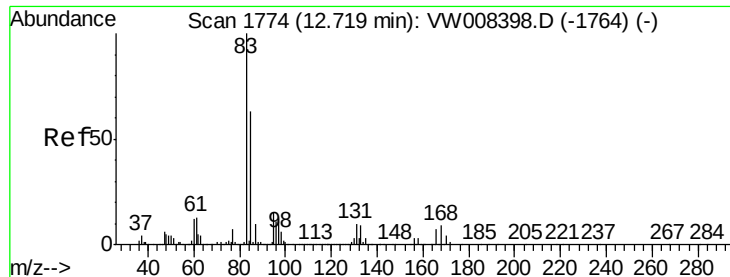
43 100

70 0.0 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 30.329 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

SB-1

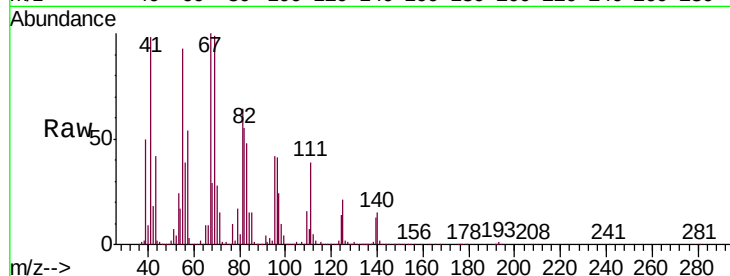
Tgt Ion: 83 Resp: 126679

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

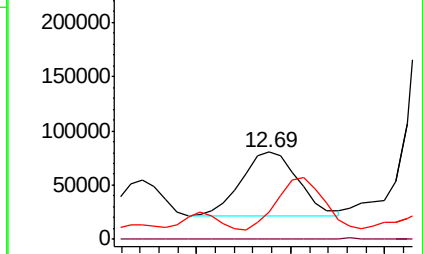
85 65.6 31.9 95.5



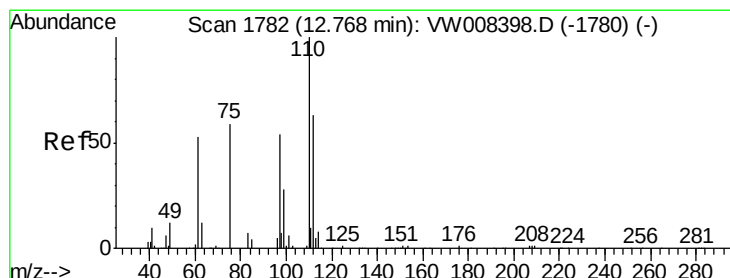
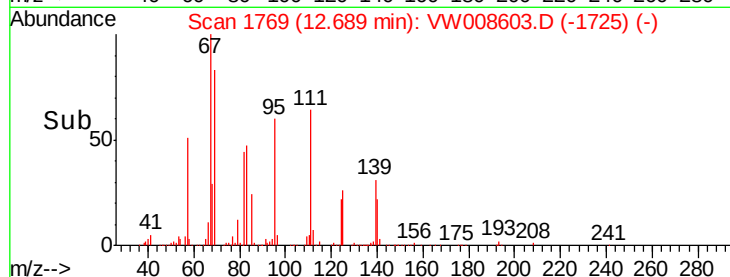
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 59.803 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008603.D

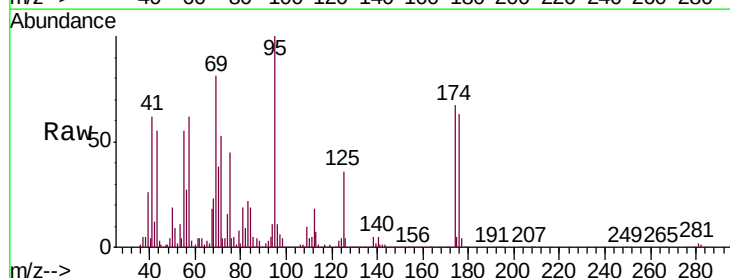
Acq: 11 Feb 2019 17:49

Tgt Ion: 75 Resp: 183999

Ion Ratio Lower Upper

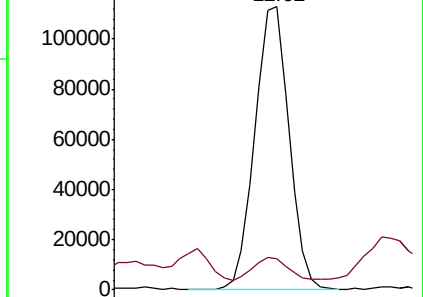
75 100

77 7.7 180.7 542.1#

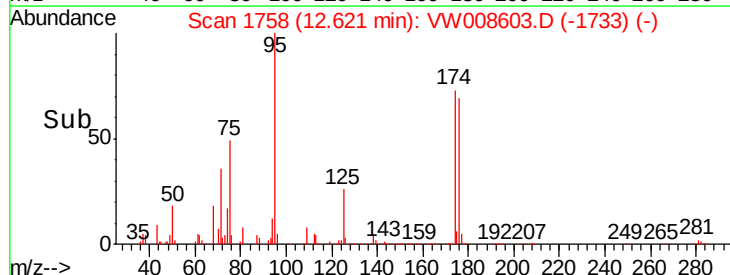


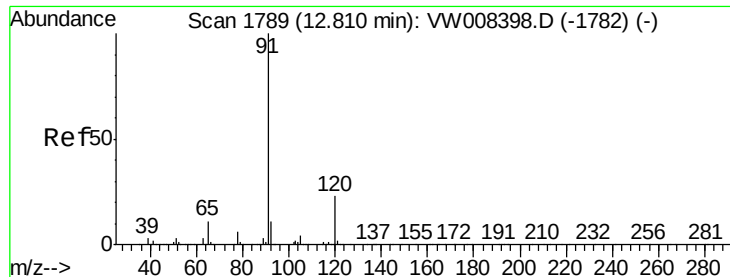
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->





#78

n-propylbenzene

Concen: 6.929 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

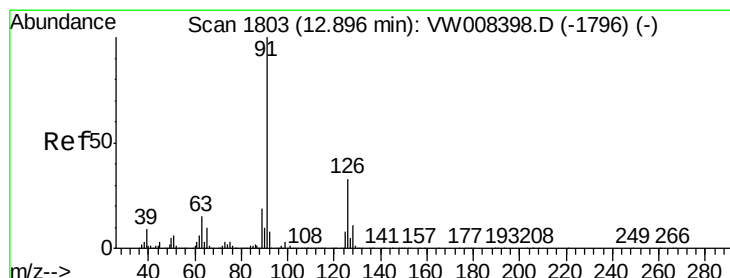
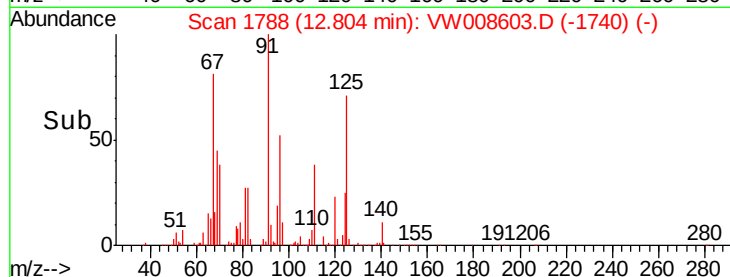
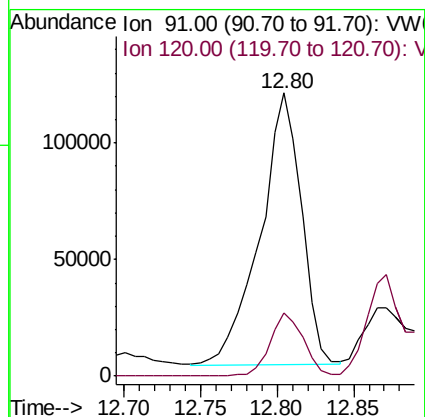
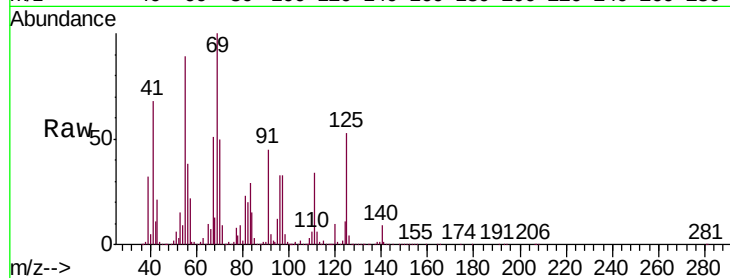
SB-1

Tgt Ion: 91 Resp: 219549

Ion Ratio Lower Upper

91 100

120 18.8 11.4 34.1



#79

2-Chlorotoluene

Concen: 9.061 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VW008603.D

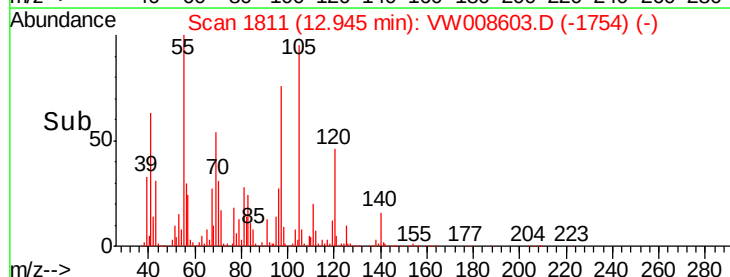
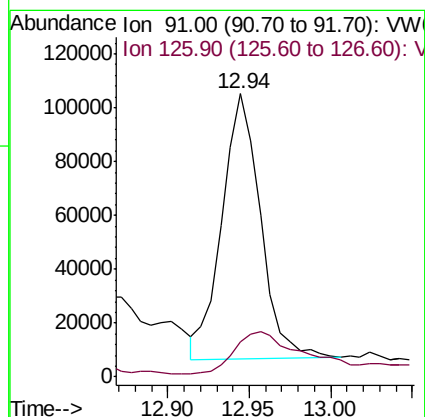
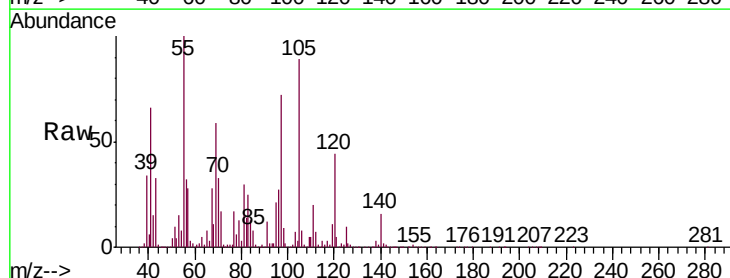
Acq: 11 Feb 2019 17:49

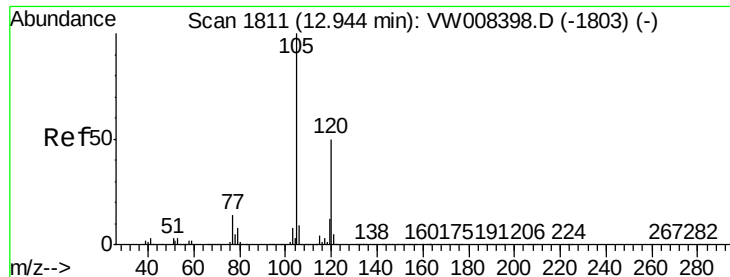
Tgt Ion: 91 Resp: 162013

Ion Ratio Lower Upper

91 100

126 29.4 16.5 49.5





#80

1,3,5-Trimethylbenzene

Concen: 52.311 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

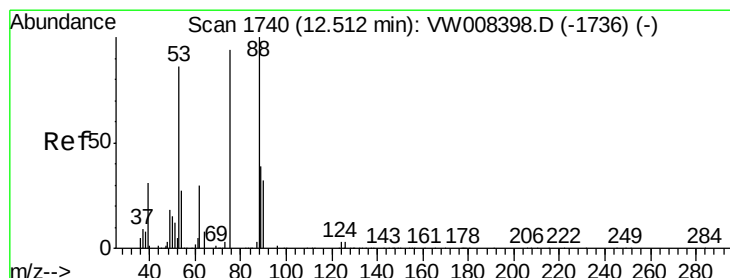
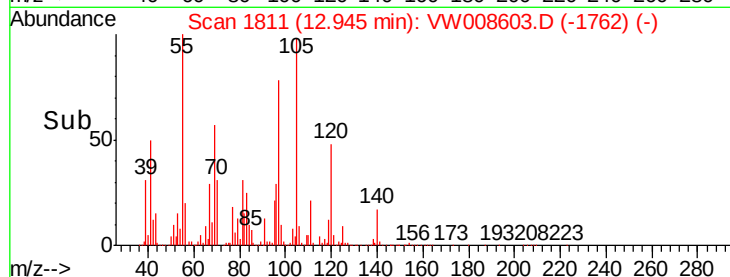
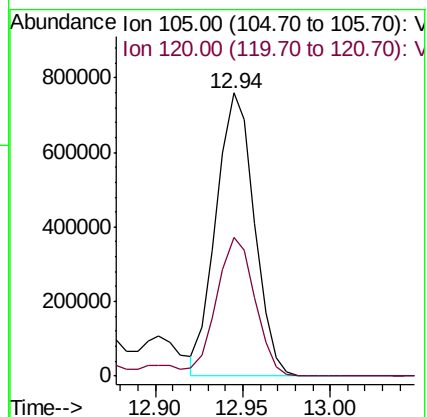
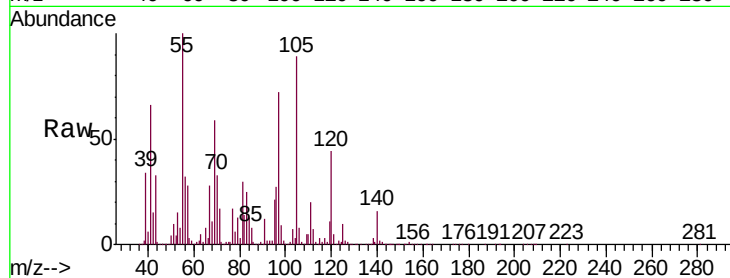
SB-1

Tgt Ion:105 Resp: 1153529

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 118.102 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

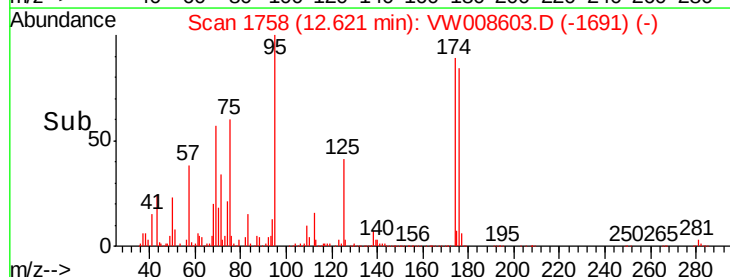
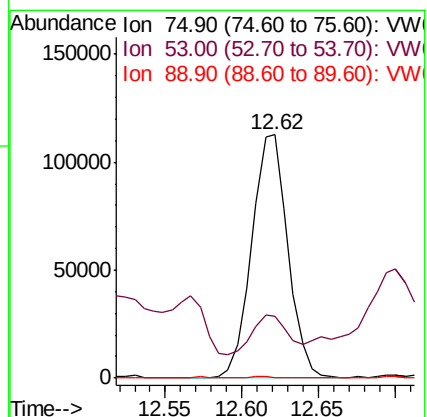
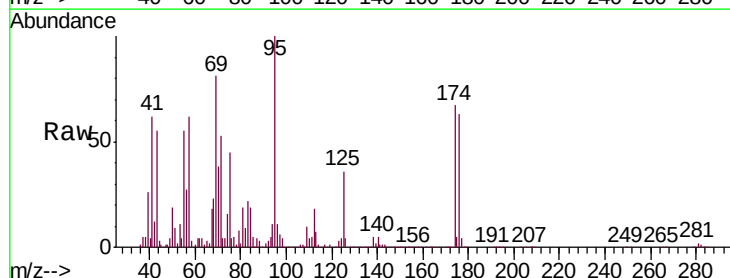
Tgt Ion: 75 Resp: 183978

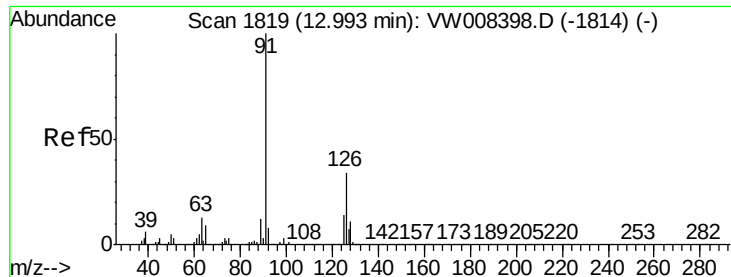
Ion Ratio Lower Upper

75 100

53 15.7 76.0 114.0#

89 0.4 35.4 53.0#

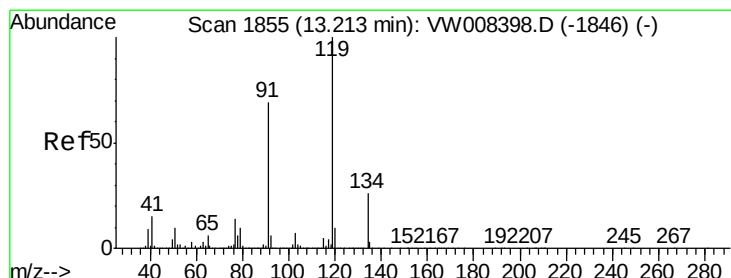
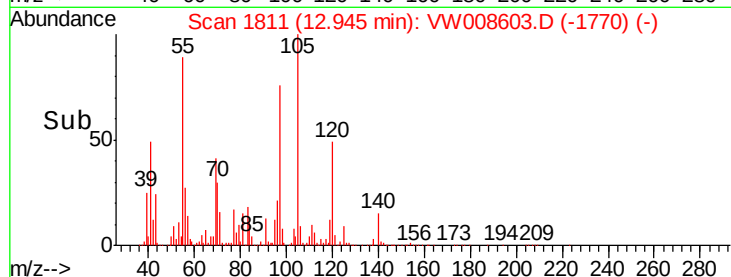
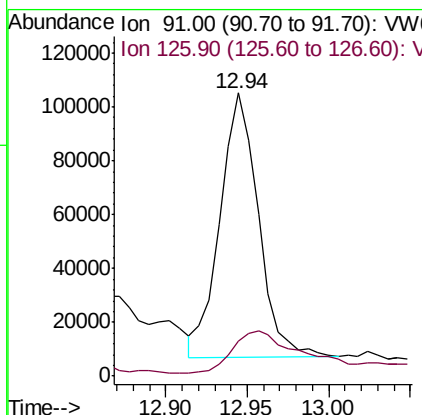
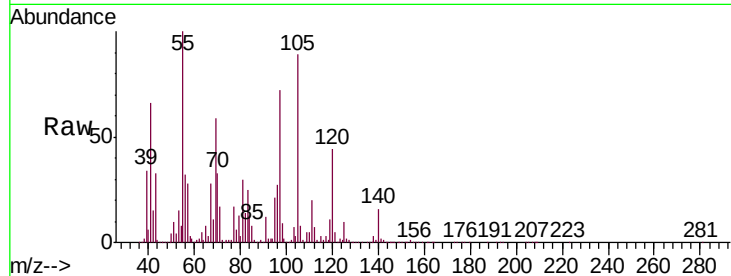




#82
4-Chlorotoluene
Concen: 8.441 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

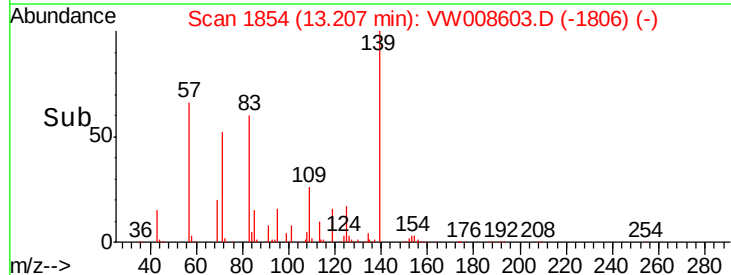
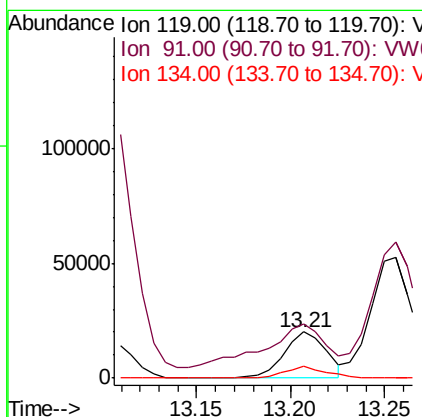
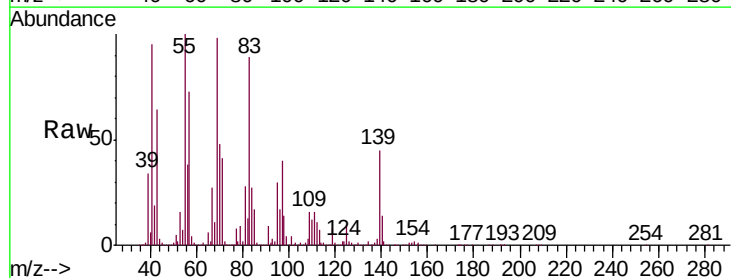
Instrument :
MSVOA_W
ClientSampled :
SB-1

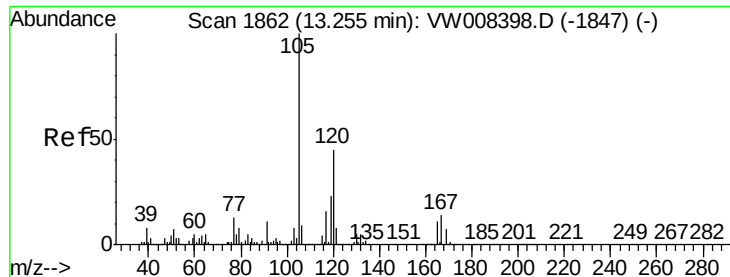
Tgt Ion: 91 Resp: 160699
Ion Ratio Lower Upper
91 100
126 29.6 16.4 49.2



#83
tert-Butylbenzene
Concen: 1.578 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion: 119 Resp: 30965
Ion Ratio Lower Upper
119 100
91 133.9 33.8 101.4#
134 26.5 13.5 40.4

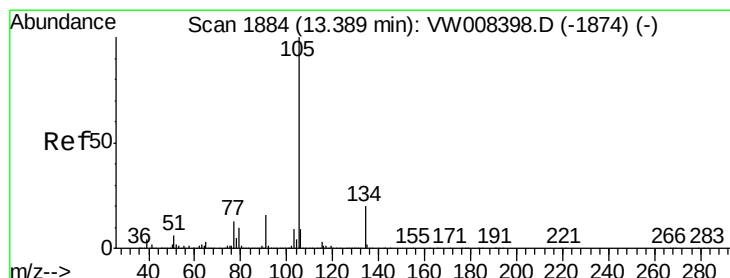
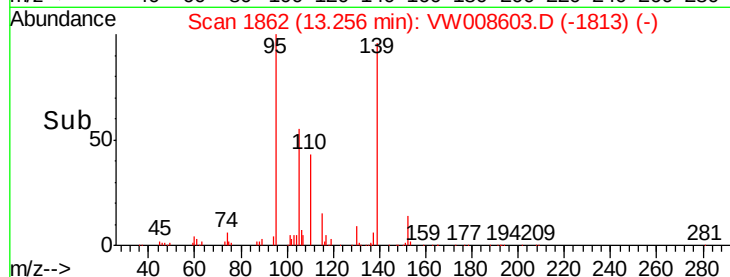
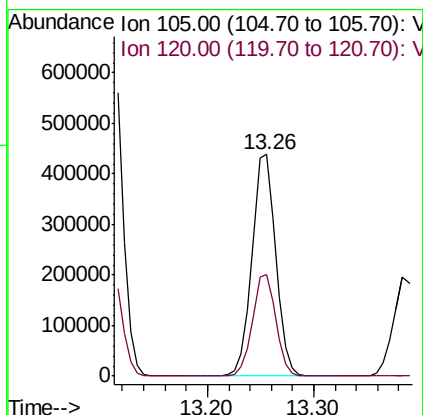
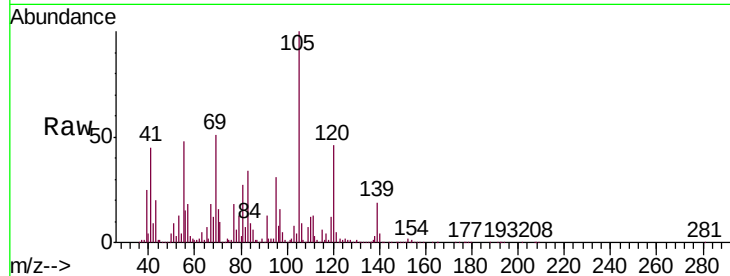




#84
 1,2,4-Trimethylbenzene
 Concen: 30.620 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

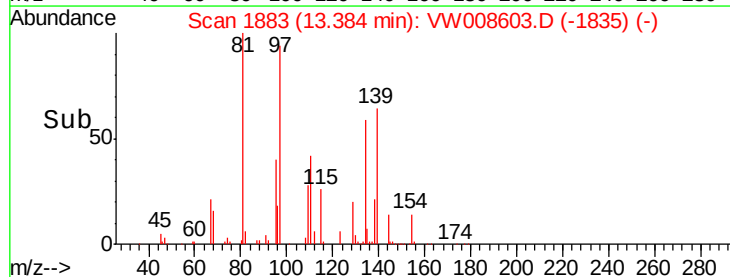
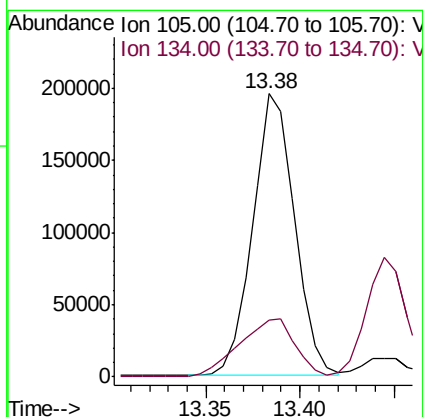
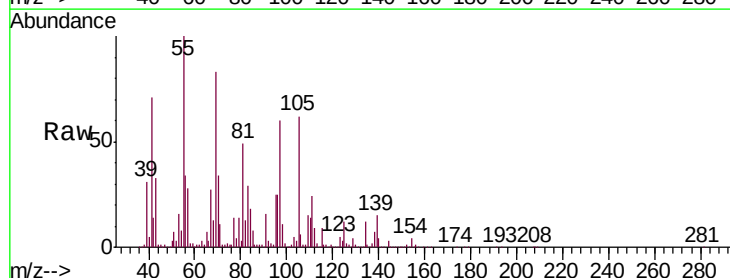
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-1

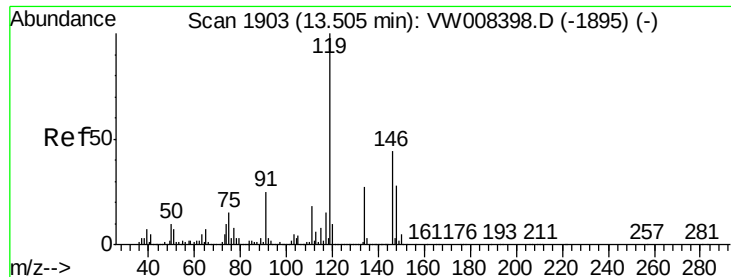
Tgt Ion:105 Resp: 686309
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 10.647 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008603.D
 Acq: 11 Feb 2019 17:49

Tgt Ion:105 Resp: 298388
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.2 30.6

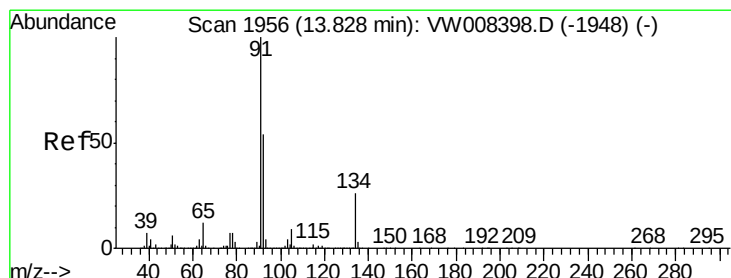
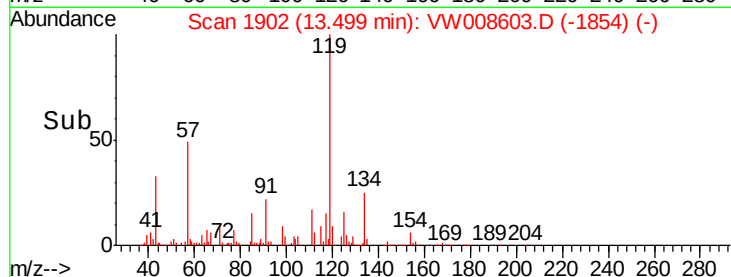
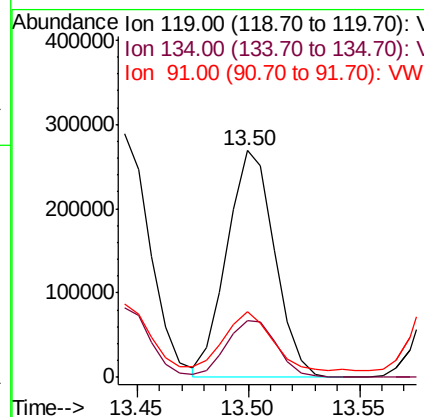
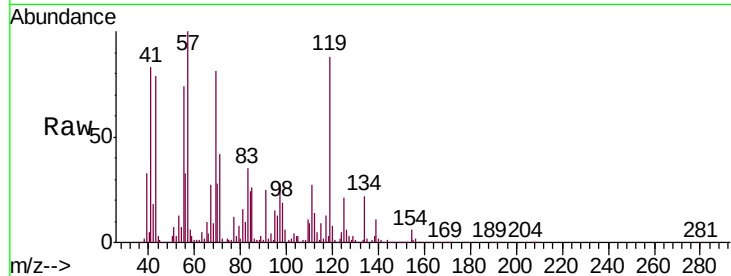




#86
p-Isopropyltoluene
Concen: 16.305 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

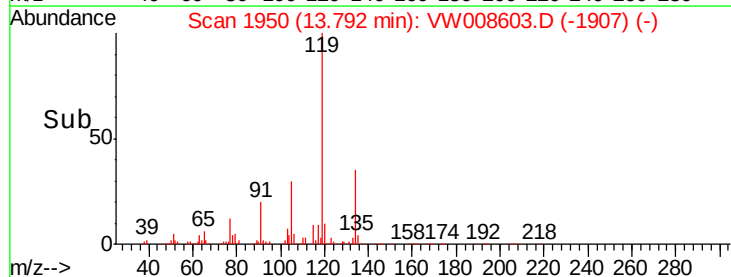
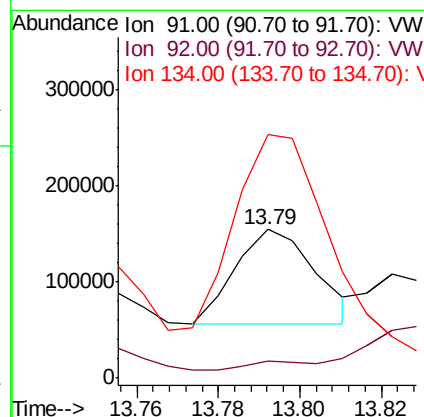
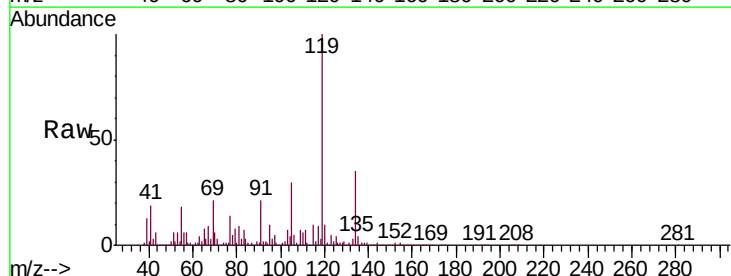
Instrument :
MSVOA_W
ClientSampleId :
SB-1

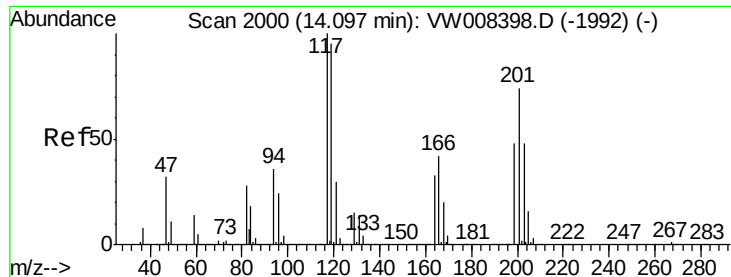
Tgt Ion:	119	Resp:	400252
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.4	40.2
91	25.4	12.6	37.6



#89
n-Butylbenzene
Concen: 5.481 ug/l
RT: 13.79 min Scan# 1950
Delta R.T. -0.04 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Tgt Ion:	91	Resp:	132095
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.4	82.2#
134	362.0	13.0	39.0#





#90

Hexachloroethane

Concen: 15.941 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

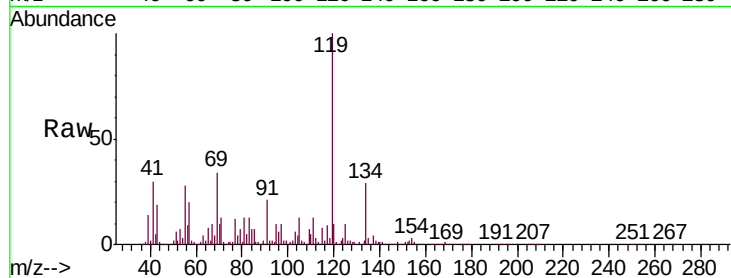
SB-1

Tgt Ion: 117 Resp: 76525

Ion Ratio Lower Upper

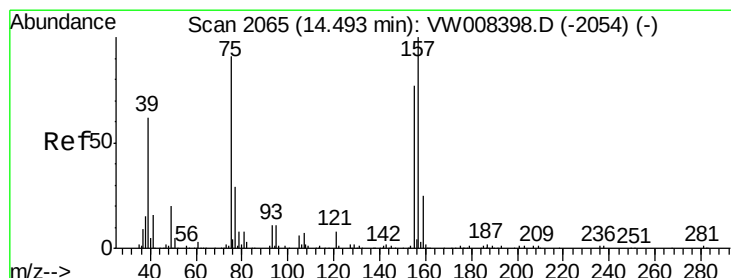
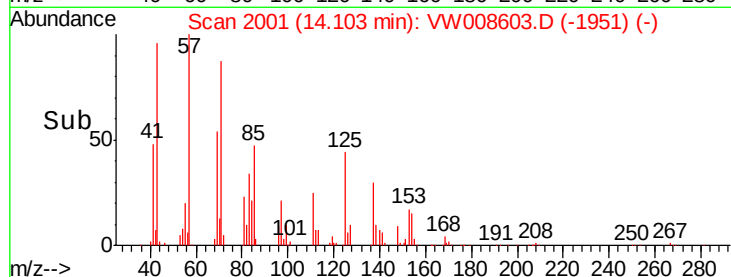
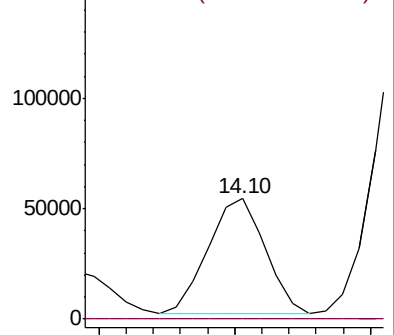
117 100

201 0.0 39.1 117.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.057 ug/l

RT: 14.69 min Scan# 2097

Delta R.T. 0.20 min

Lab File: VW008603.D

Acq: 11 Feb 2019 17:49

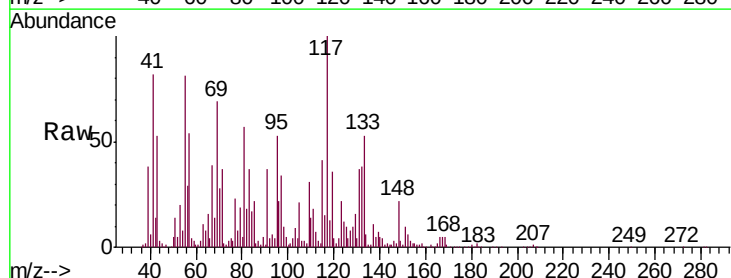
Tgt Ion: 75 Resp: 4008

Ion Ratio Lower Upper

75 100

155 116.5 42.7 128.1

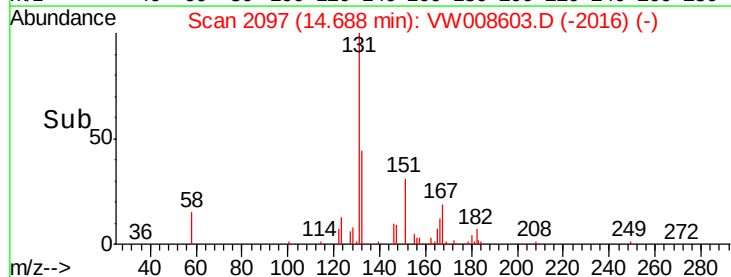
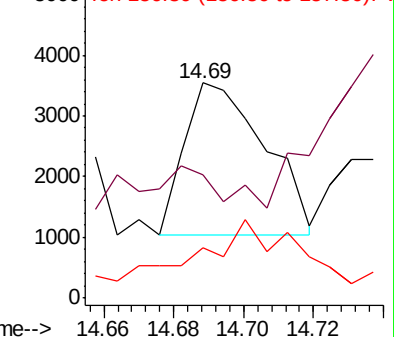
157 70.0 55.5 166.3

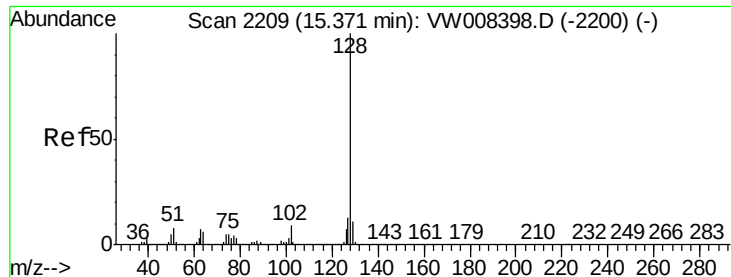


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

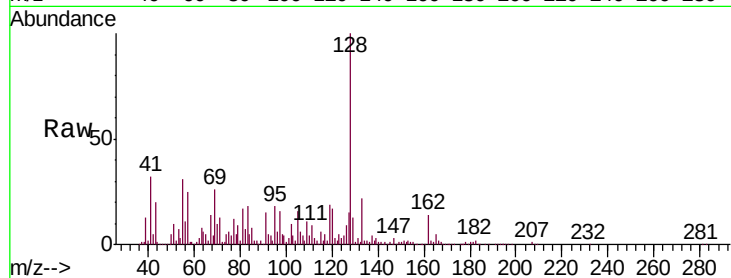




#95
Naphthalene
Concen: 28.102 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008603.D
Acq: 11 Feb 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.1	10.6	15.8
129	11.0	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

