

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008838.D
 Acq On : 26 Feb 2019 18:37
 Operator : SY/VA
 Sample : K1594-28
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3(8-9)

Quant Time: Feb 27 06:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	570733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	495693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244211	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	195694	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	172612	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	10.32	98	704345	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	249438	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	2404	1.232	ug/l	89
11) Tert butyl alcohol	5.13	59	13747	43.599	ug/l #	70
13) Acrolein	3.90	56	307	20.630	ug/l #	14
15) Acrylonitrile	5.43	53	20914	24.968	ug/l #	42
16) Acetone	4.14	43	57694	70.278	ug/l #	85
20) Methylene Chloride	4.92	84	58562	10.438	ug/l #	93
25) 2-Butanone	7.16	43	19016	16.568	ug/l #	69
26) 2,2-Dichloropropane	7.15	77	10000	1.670	ug/l #	55
29) Tetrahydrofuran	7.54	42	2543	3.477	ug/l #	47
30) Chloroform	7.62	83	16471	2.434	ug/l #	17
31) Cyclohexane	7.92	56	307467	46.049	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	28119	5.061	ug/l #	50
37) Ethyl Acetate	7.16	43	19052	7.374	ug/l #	58
38) Carbon Tetrachloride	7.95	117	36435	6.219	ug/l #	16
39) Methylcyclohexane	9.34	83	489108	70.581	ug/l	96
41) Methacrylonitrile	7.53	41	6610	4.353	ug/l #	51
43) Isopropyl Acetate	8.41	43	136753	26.522	ug/l #	53
47) Bromodichloromethane	9.62	83	36529	7.201	ug/l #	26
48) Methyl methacrylate	9.46	41	37325	15.114	ug/l #	30
49) 1,4-Dioxane	9.48	88	74	2.216	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	67808	25.903	ug/l #	80
55) 1,1,2-Trichloroethane	10.76	97	158061	55.899	ug/l #	25
56) Ethyl methacrylate	10.66	69	33054	8.998	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	2677	1.449	ug/l #	45
59) 2-Hexanone	10.93	43	141812	76.101	ug/l #	33
67) Ethyl Benzene	11.73	91	24073	1.292	ug/l	95
73) Isopropylbenzene	12.46	105	54498	3.255	ug/l	96
74) N-amyl acetate	12.26	43	78243	18.554	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.70	83	4283	1.566	ug/l #	30
76) 1,2,3-Trichloropropane	12.62	75	131855	65.395	ug/l #	100
78) n-propylbenzene	12.80	91	329771	16.103	ug/l	100
79) 2-Chlorotoluene	12.80	91	329771	28.362	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.62	75	131855	158.980	ug/l #	6
82) 4-Chlorotoluene	12.80	91	329771	26.914	ug/l #	40

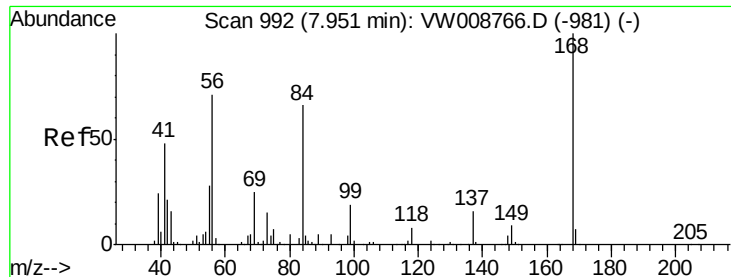
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

Quant Time: Feb 27 06:00:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.38	105	149594	8.270	ug/l #	51
89) n-Butylbenzene	13.83	91	352261	22.675	ug/l #	85
90) Hexachloroethane	14.10	117	92386	34.033	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2253	4.553	ug/l #	2

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

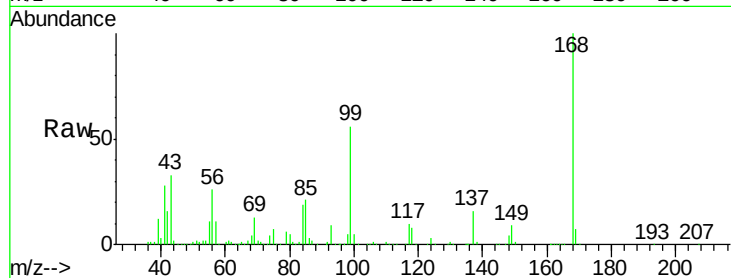
B-3(8-9)

Tot Ion:168 Resp: 377617

Ion Ratio Lower Upper

168 100

99 55.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

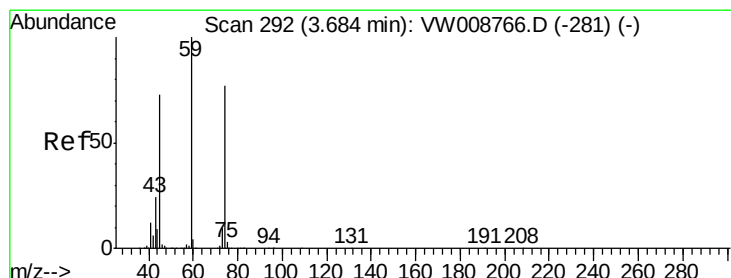
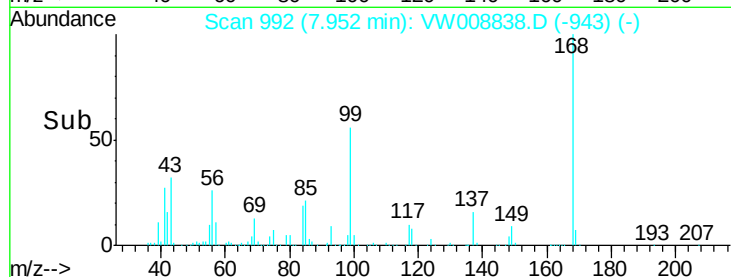
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 1.232 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW008838.D

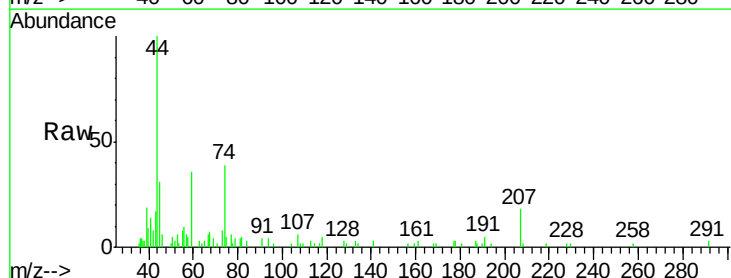
Acq: 26 Feb 2019 18:37

Tgt Ion: 74 Resp: 2404

Ion Ratio Lower Upper

74 100

45 111.5 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

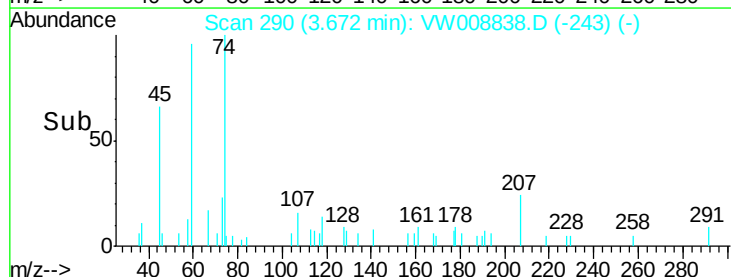
3.67

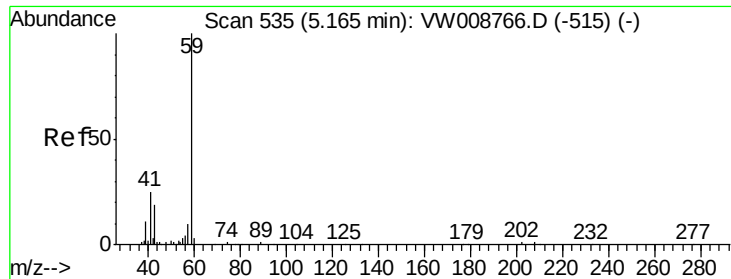
1000

500

0

Time--> 3.60 3.65 3.70 3.75



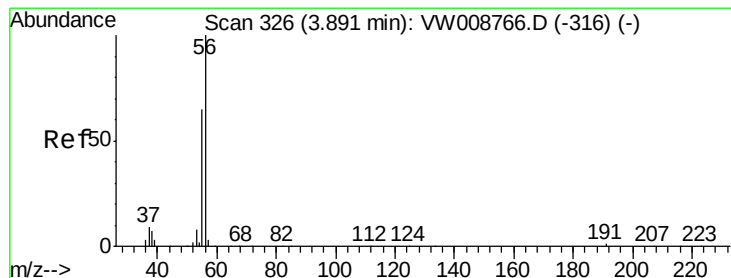
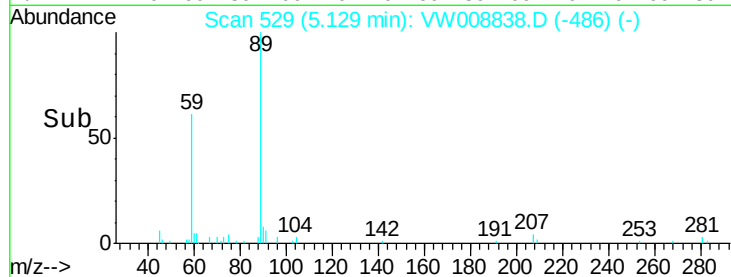
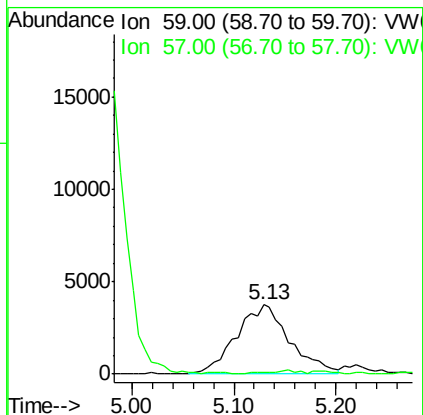
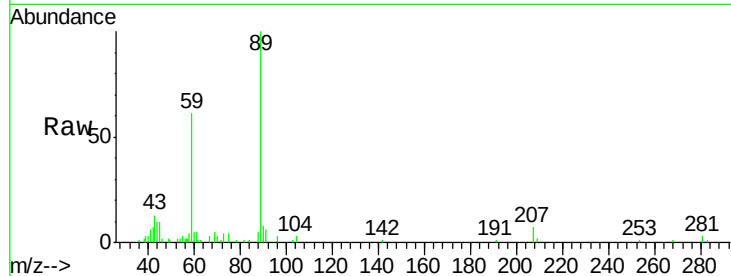


#11

Tert butyl alcohol
 Concen: 43.599 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampled :
 B-3(8-9)

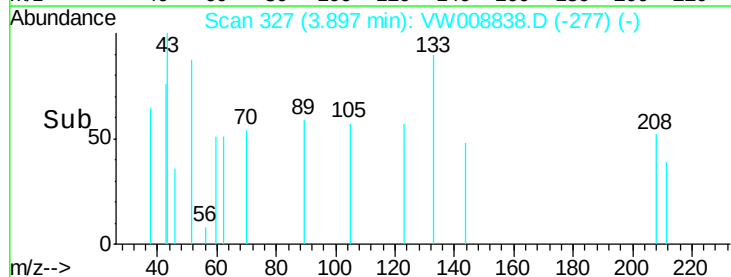
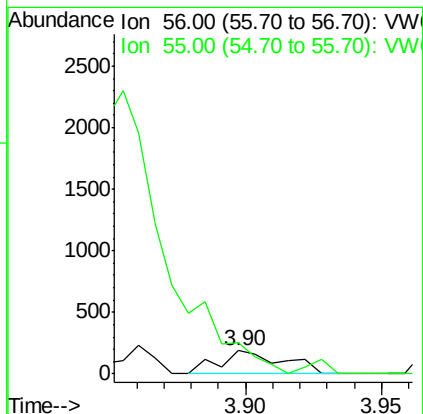
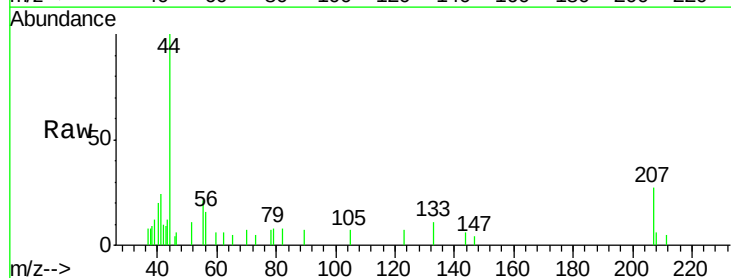
Tot Ion: 59 Resp: 13747
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

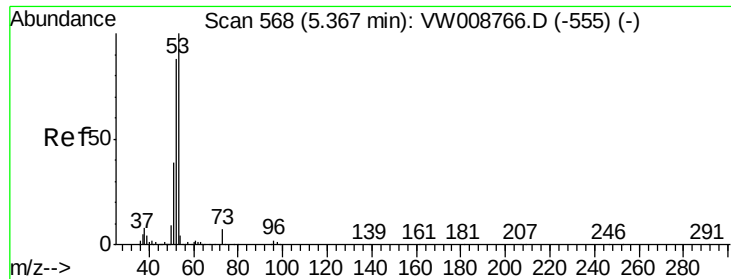


#13

Acrolein
 Concen: 20.630 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Tgt Ion: 56 Resp: 307
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 24.968 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

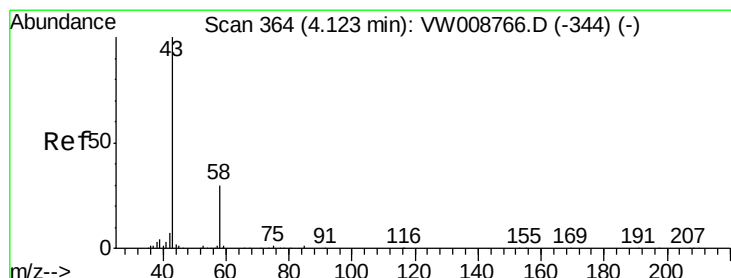
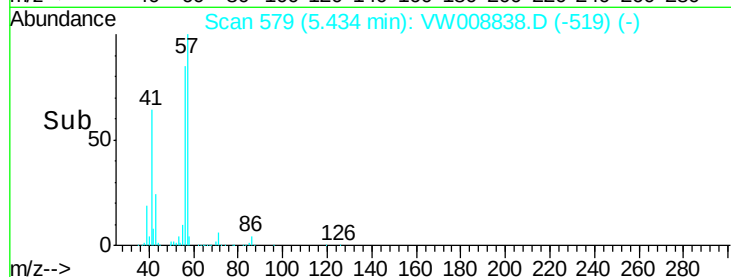
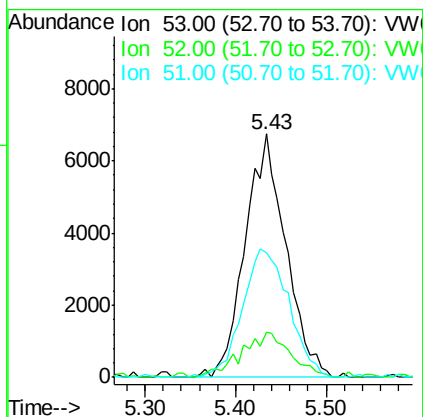
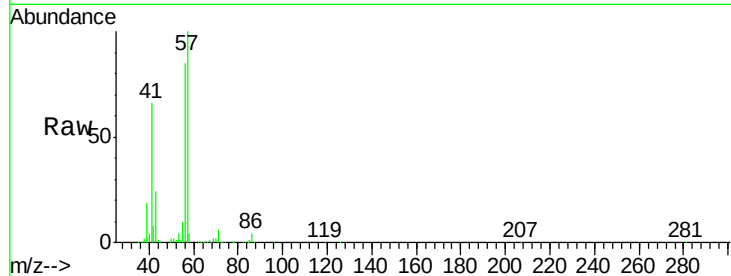
MSVOA_W

ClientSampleId :

B-3(8-9)

Tot Ion: 53 Resp: 20914

Ion	Ratio	Lower	Upper
53	100		
52	22.5	67.2	100.8#
51	60.5	31.1	46.7#



#16

Acetone

Concen: 70.278 ug/l

RT: 4.14 min Scan# 367

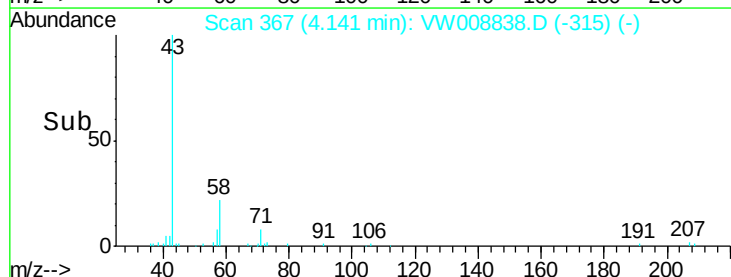
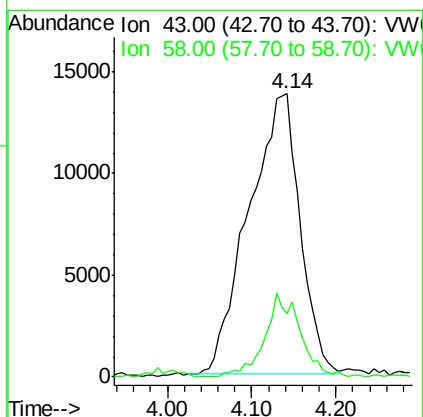
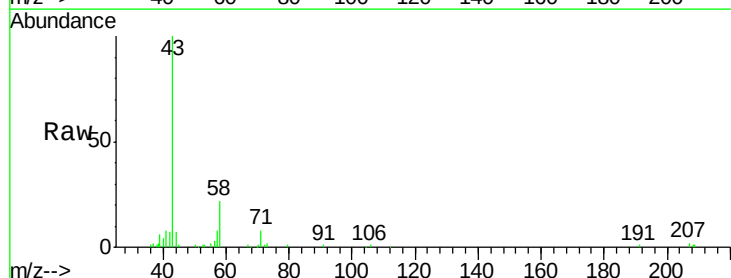
Delta R.T. 0.02 min

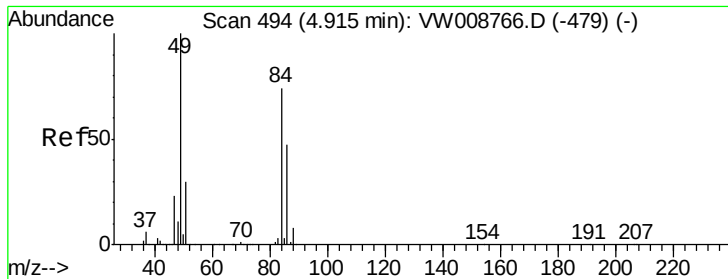
Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Tgt Ion: 43 Resp: 57694

Ion	Ratio	Lower	Upper
43	100		
58	21.4	23.8	35.6#





#20

Methylene Chloride

Concen: 10.438 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

B-3(8-9)

Tot Ion: 84 Resp: 58562

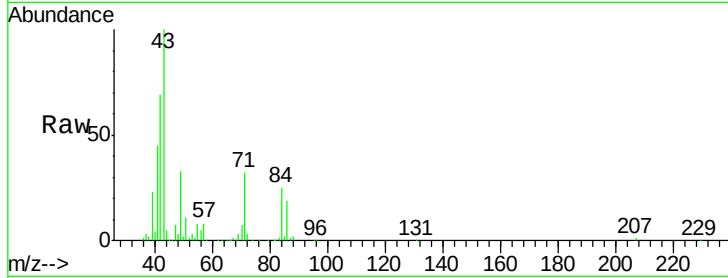
Ion Ratio Lower Upper

84 100

49 132.3 108.2 162.2

51 43.3 32.7 49.1

86 76.5 50.3 75.5#

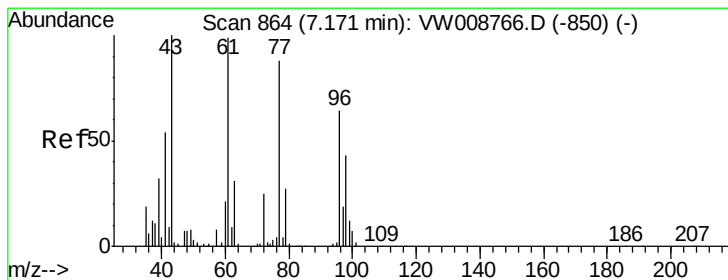
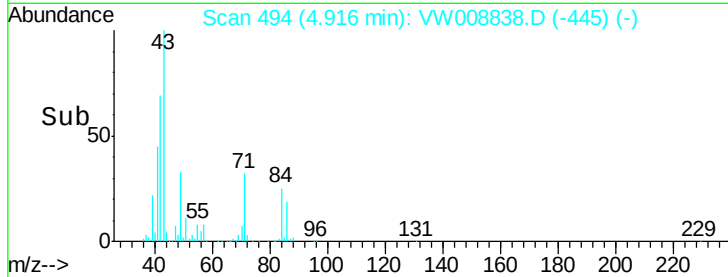
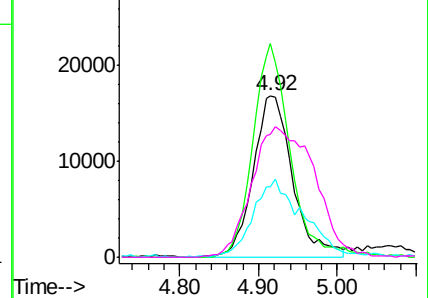


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 16.568 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008838.D

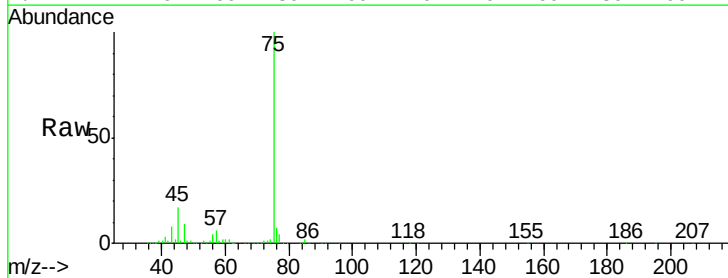
Acq: 26 Feb 2019 18:37

Tgt Ion: 43 Resp: 19016

Ion Ratio Lower Upper

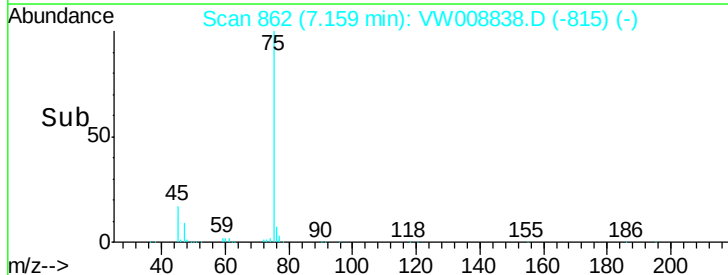
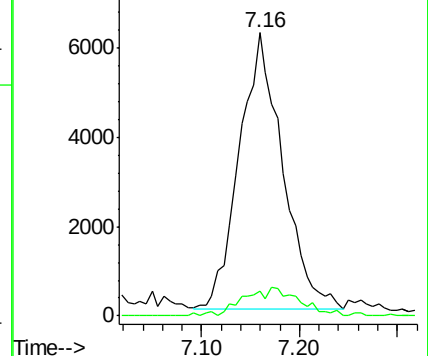
43 100

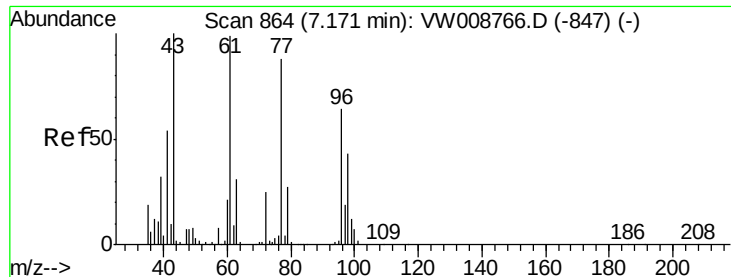
72 9.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

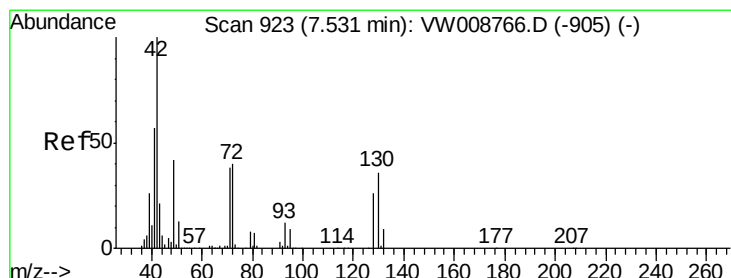
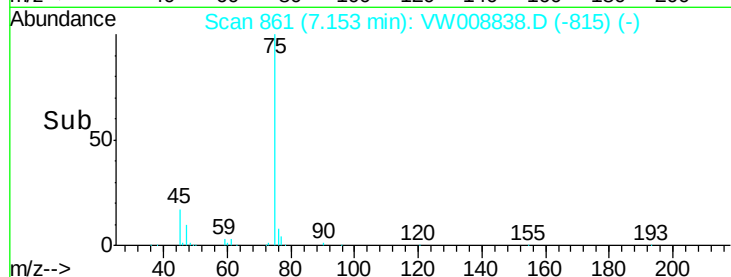
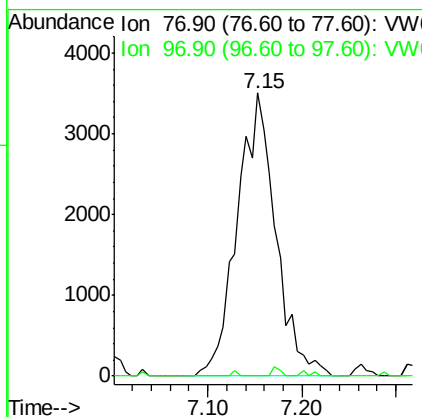
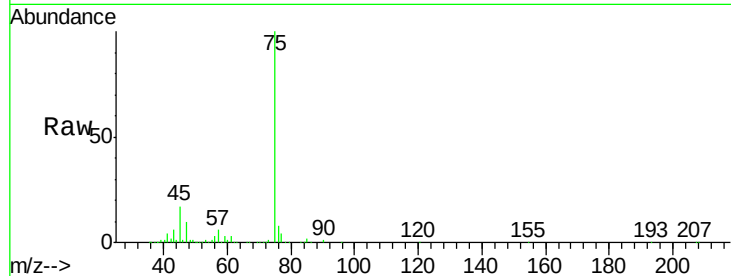




#26
 2,2-Dichloropropane
 Concen: 1.670 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

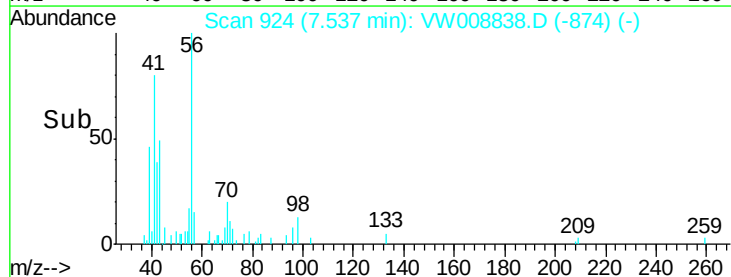
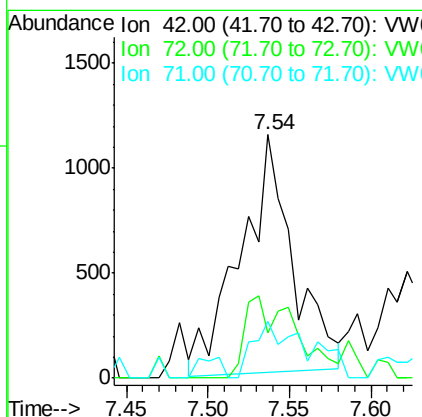
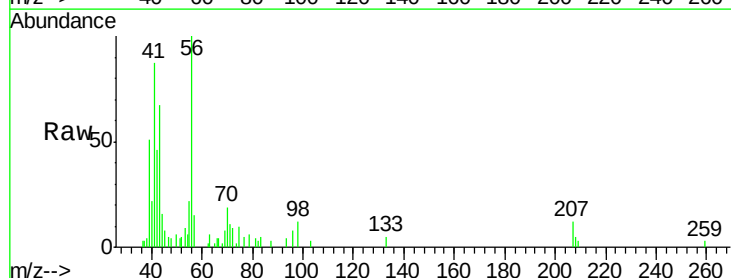
Instrument :
 MSVOA_W
 ClientSampled :
 B-3(8-9)

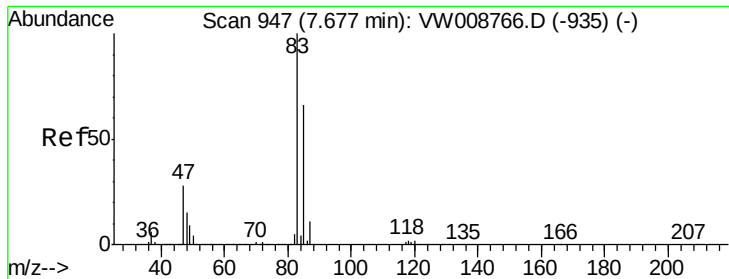
Tot Ion: 77 Resp: 10000
 Ion Ratio Lower Upper
 77 100
 97 0.7 11.0 33.0#



#29
 Tetrahydrofuran
 Concen: 3.477 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Tgt Ion: 42 Resp: 2543
 Ion Ratio Lower Upper
 42 100
 72 14.9 32.7 49.1#
 71 0.0 31.3 46.9#





#30

Chloroform

Concen: 2.434 ug/l

RT: 7.62 min Scan# 938

Delta R.T. -0.05 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

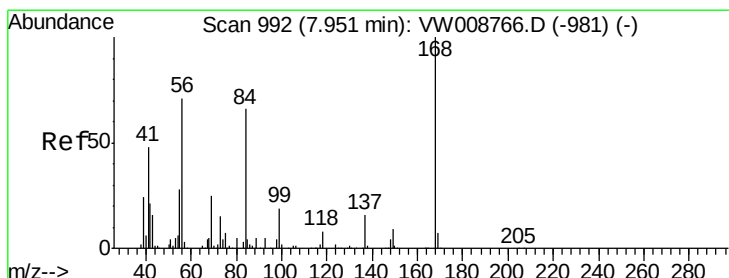
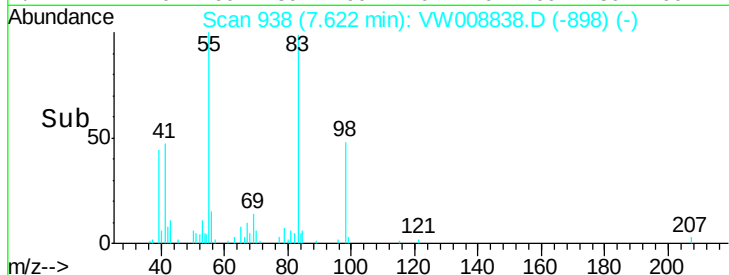
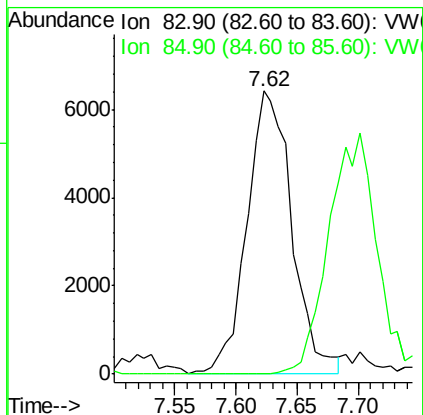
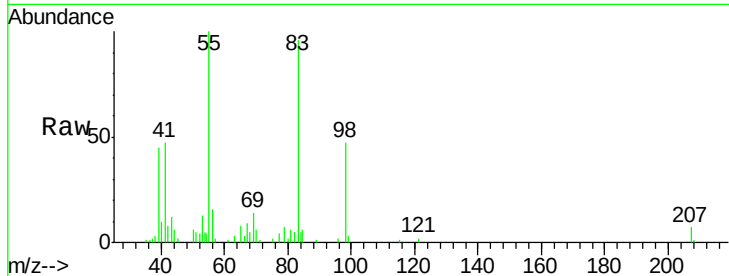
B-3(8-9)

Tot Ion: 83 Resp: 16471

Ion Ratio Lower Upper

83 100

85 0.0 52.6 79.0#



#31

Cyclohexane

Concen: 46.049 ug/l

RT: 7.92 min Scan# 987

Delta R.T. -0.03 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

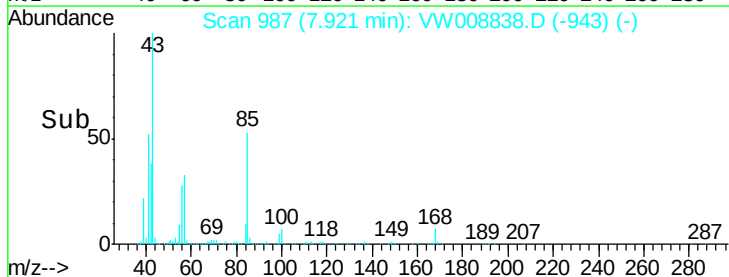
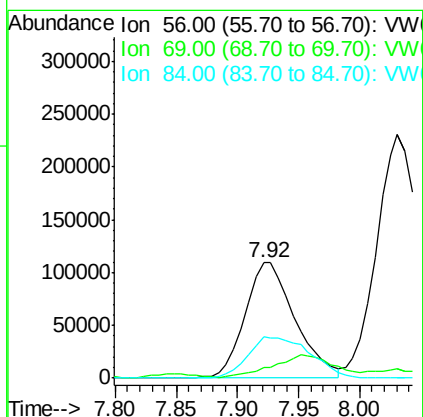
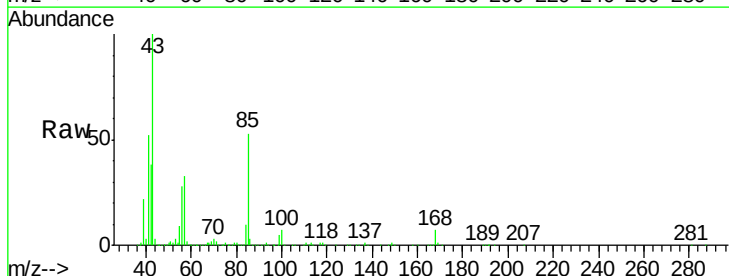
Tgt Ion: 56 Resp: 307467

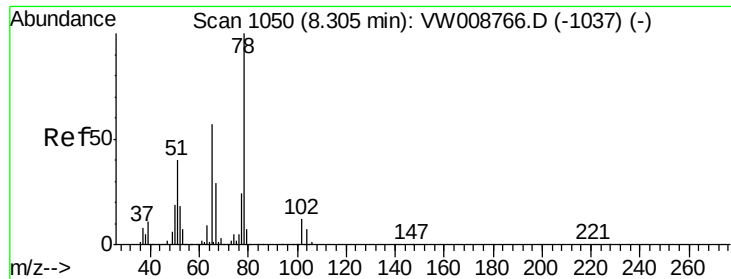
Ion Ratio Lower Upper

56 100

69 6.2 28.2 42.4#

84 36.1 74.1 111.1#

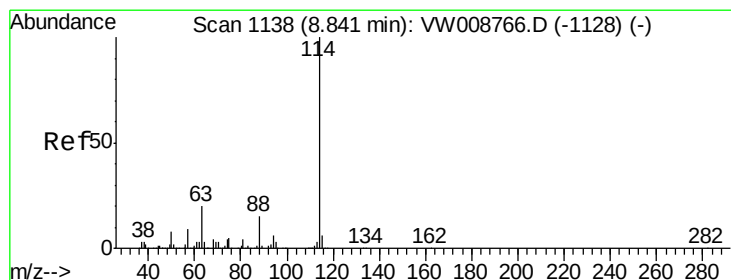
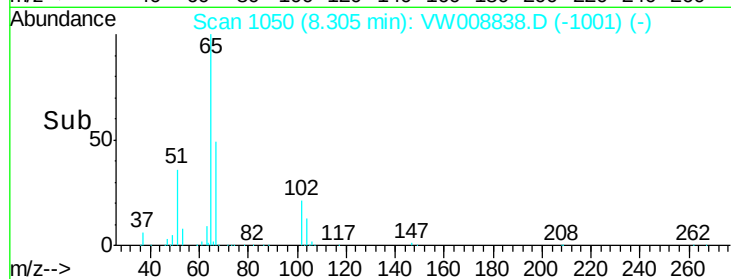
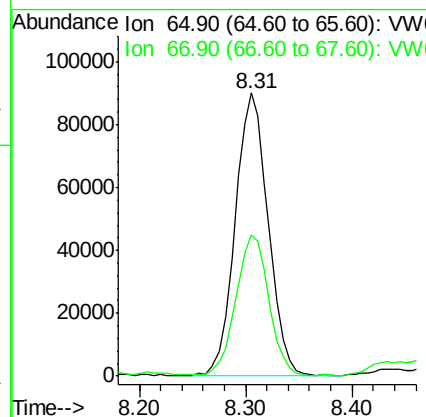
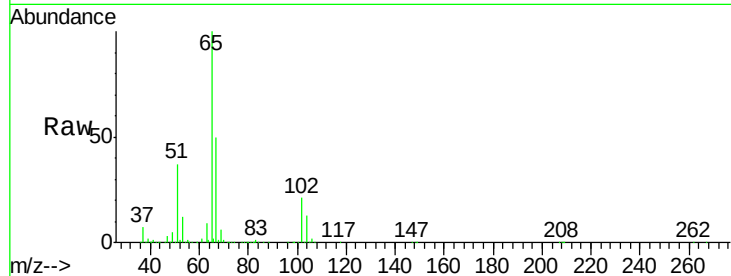




#33
 1,2-Dichloroethane-d4
 Concen: 55.254 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

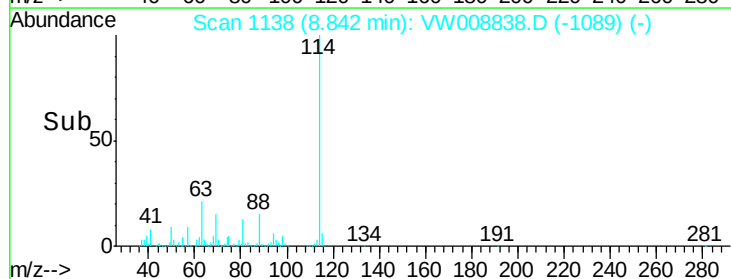
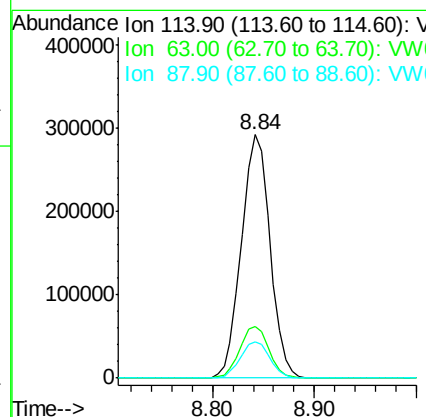
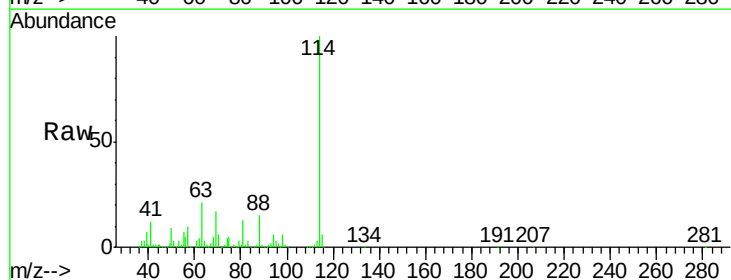
Instrument :
 MSVOA_W
 ClientSampled :
 B-3(8-9)

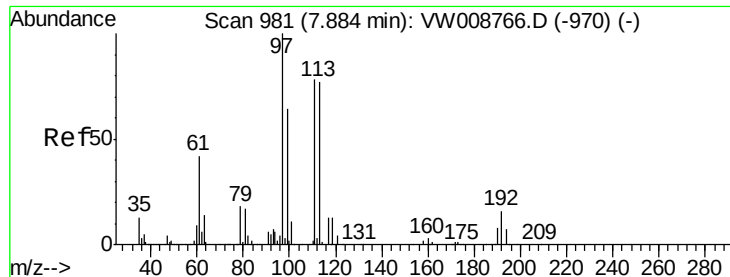
Tot Ion: 65 Resp: 195694
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Tgt Ion: 114 Resp: 570733
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.372 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

B-3(8-9)

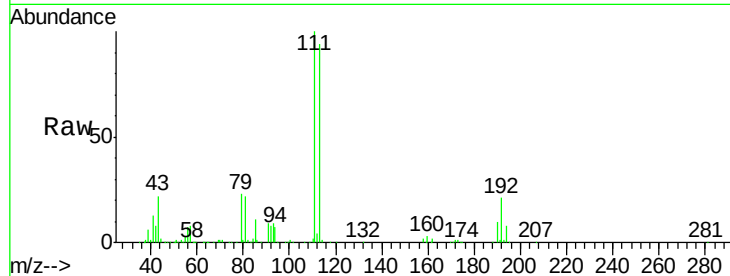
Tot Ion:113 Resp: 172612

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

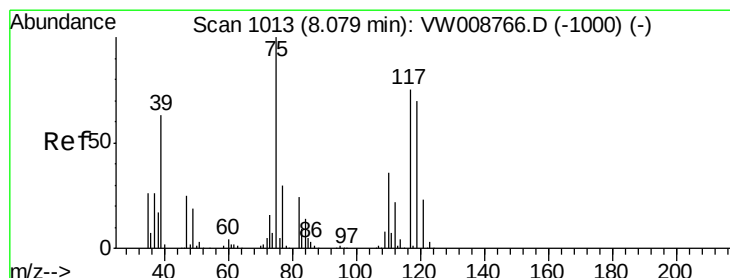
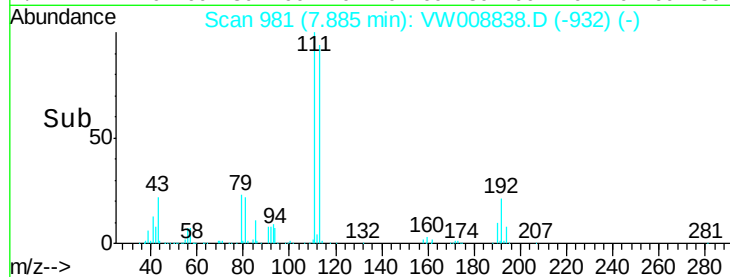
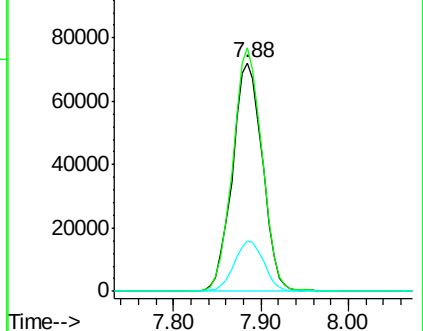
192 21.6 17.1 25.7



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: 5.061 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

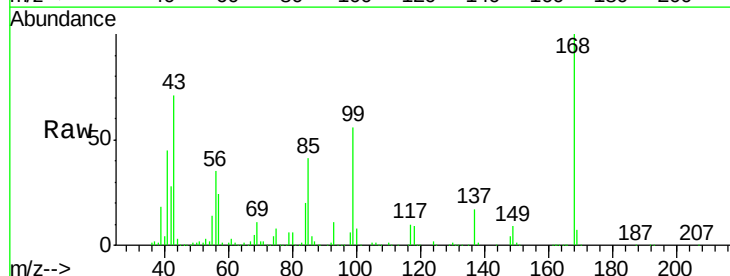
Tgt Ion: 75 Resp: 28119

Ion Ratio Lower Upper

75 100

110 9.1 17.5 52.6#

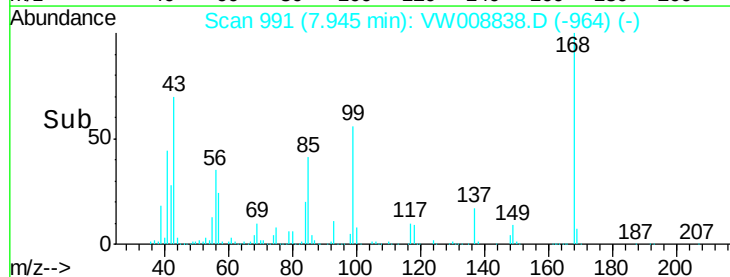
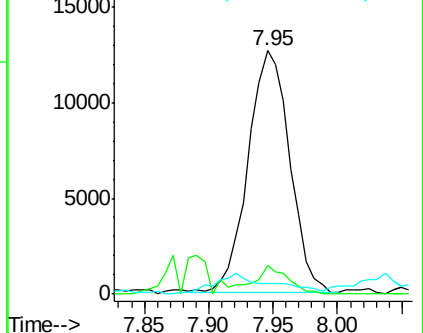
77 0.0 24.5 36.7#

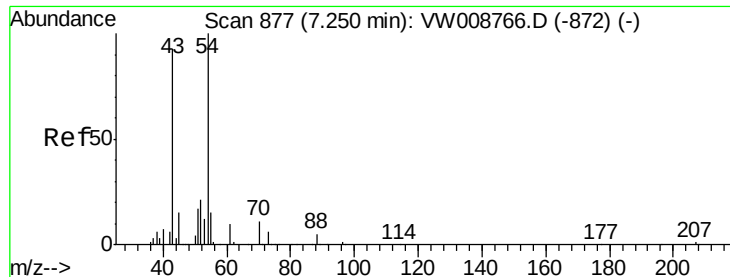


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

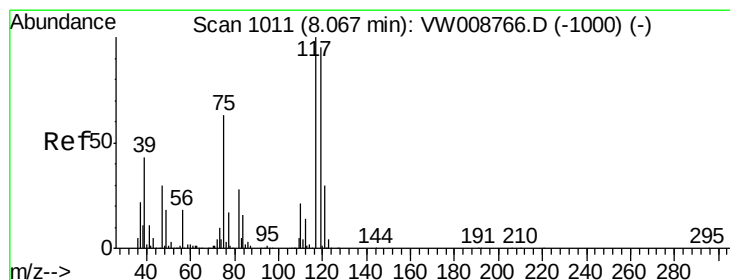
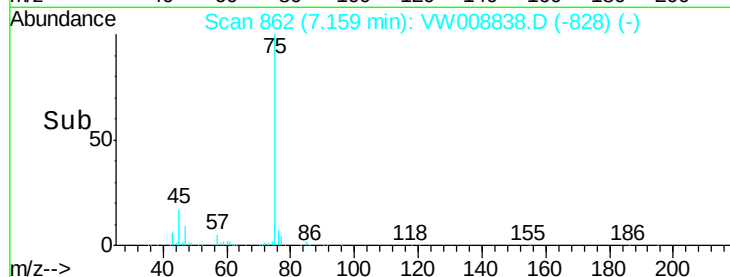
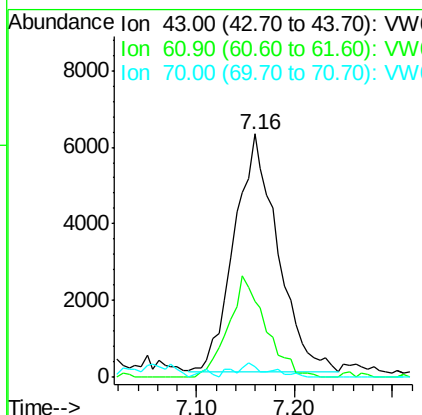
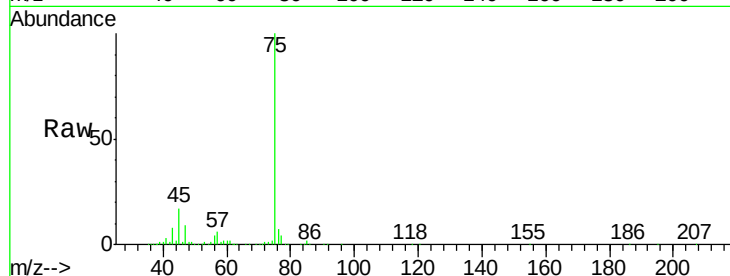




#37
Ethyl Acetate
Concen: 7.374 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.09 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

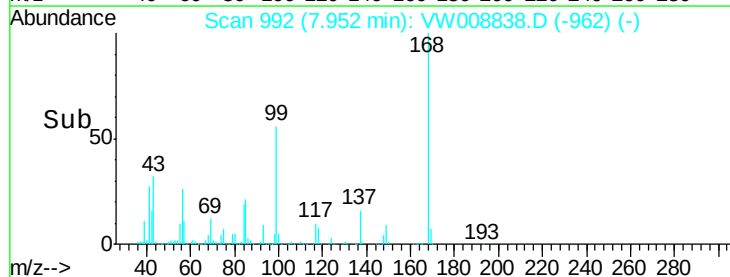
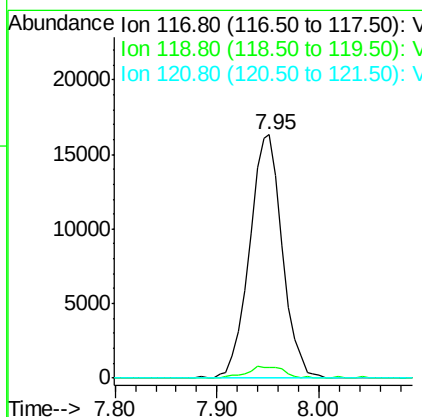
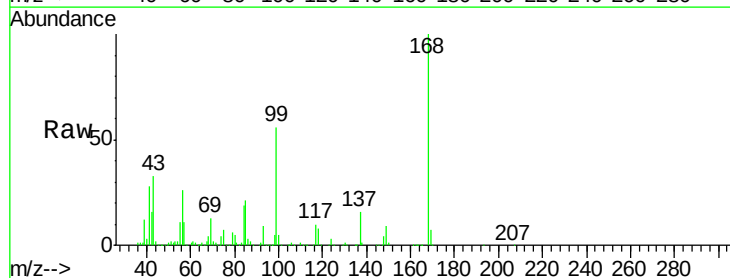
Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

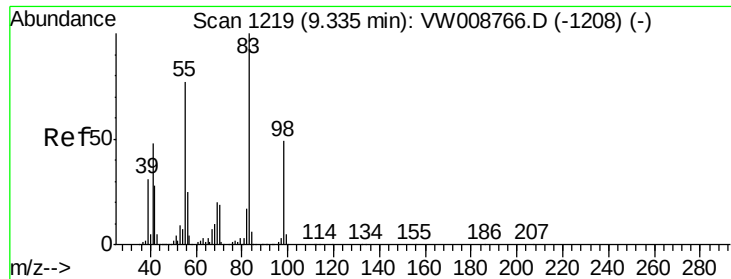
Tot Ion: 43 Resp: 19052
Ion Ratio Lower Upper
43 100
61 36.6 9.8 14.8#
70 3.3 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion: 117 Resp: 36435
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.0 36.0#

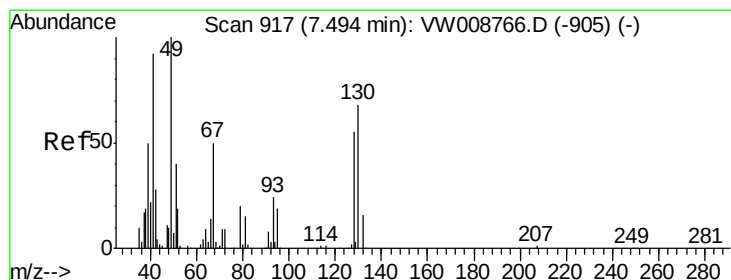
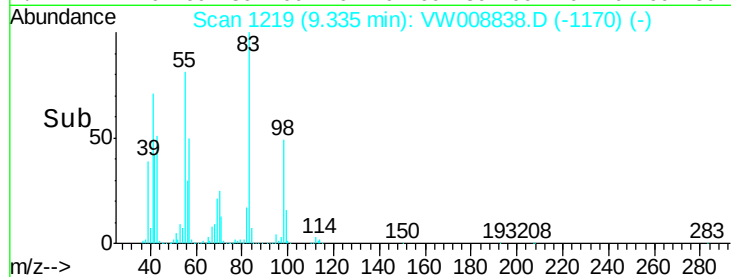
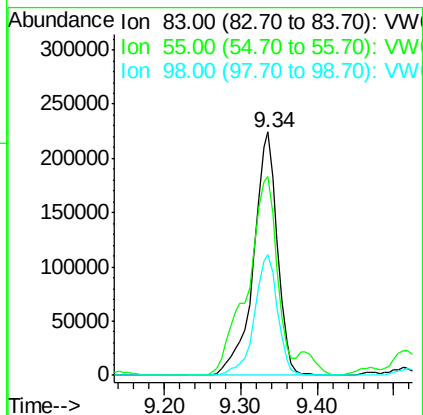
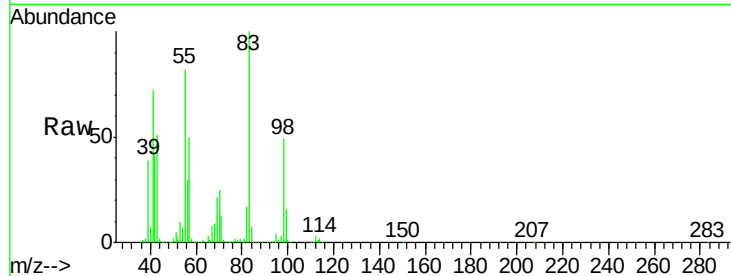




#39
Methylvlcyclohexane
Concen: 70.581 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

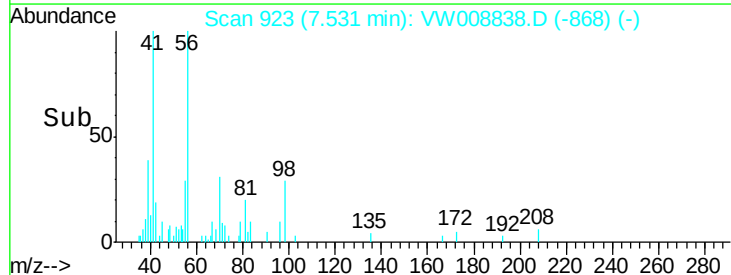
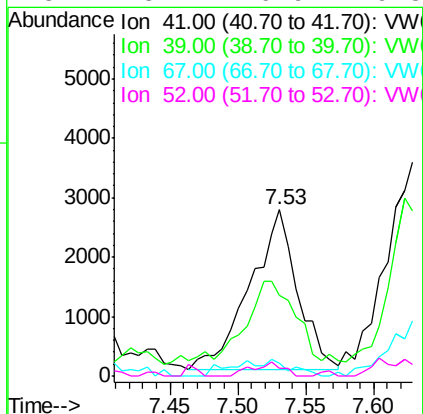
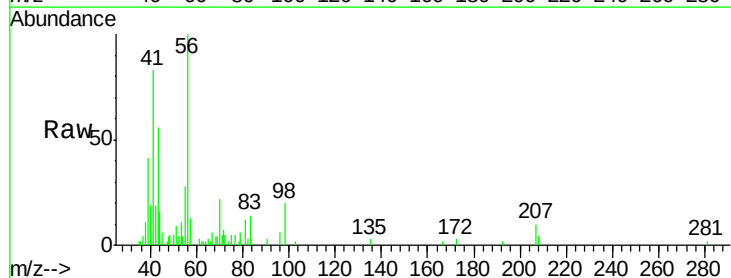
Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

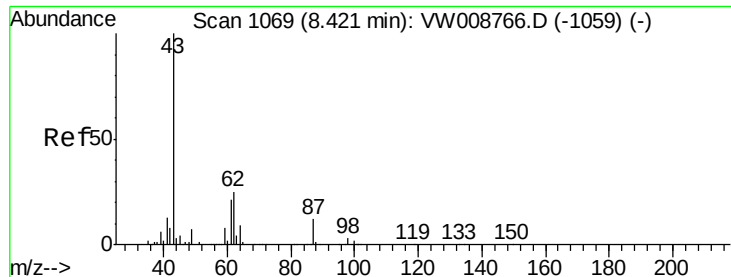
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.6	61.2	91.8
98	49.4	39.4	59.2



#41
Methacrylonitrile
Concen: 4.353 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.2	52.5	78.7
67	0.0	55.0	82.6#
52	5.4	26.9	40.3#





#43

Isopropyl Acetate

Concen: 26.522 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

B-3(8-9)

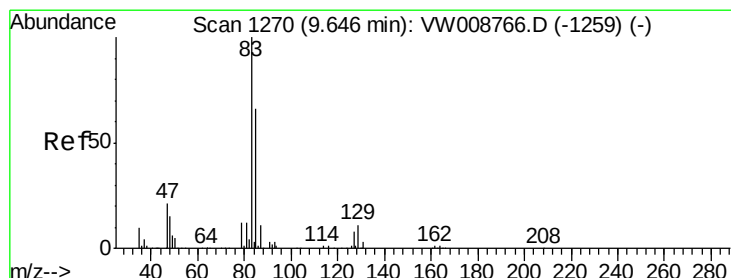
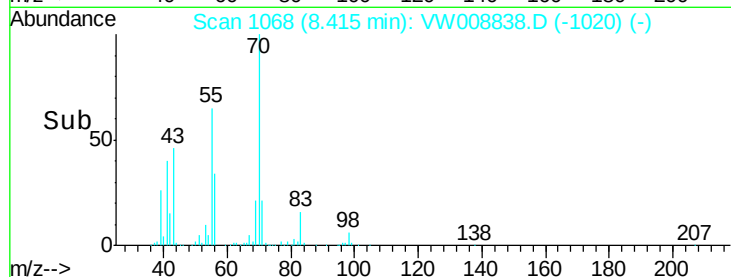
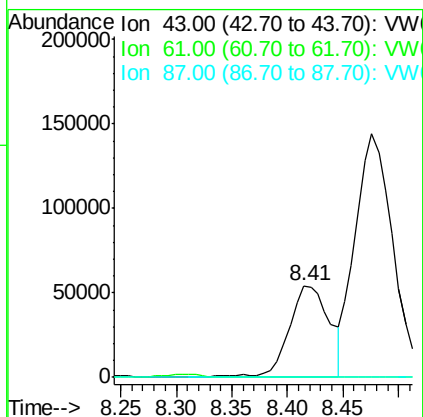
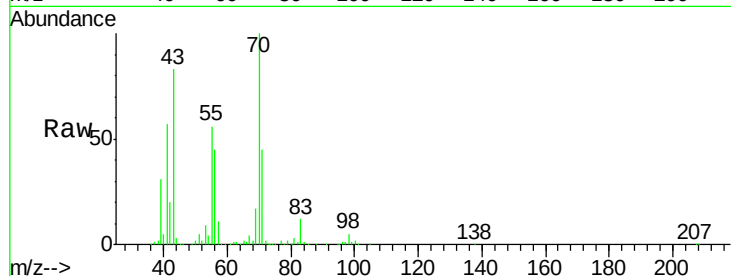
Tot Ion: 43 Resp: 136753

Ion Ratio Lower Upper

43 100

61 0.1 23.2 34.8#

87 0.0 9.9 14.9#



#47

Bromodichloromethane

Concen: 7.201 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

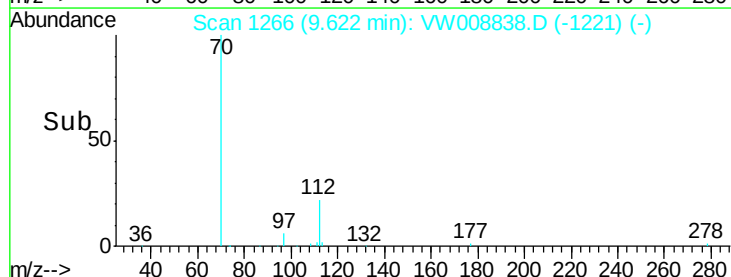
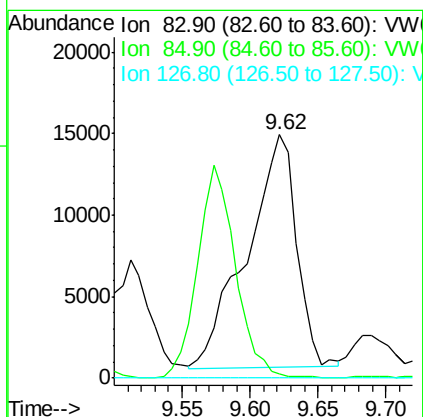
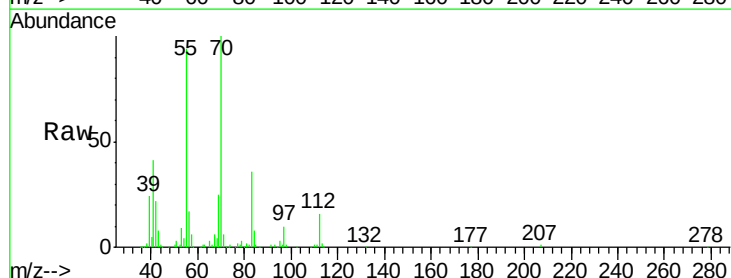
Tgt Ion: 83 Resp: 36529

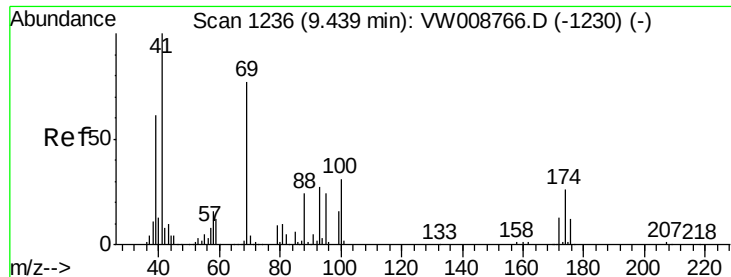
Ion Ratio Lower Upper

83 100

85 1.6 52.5 78.7#

127 0.0 6.7 10.1#

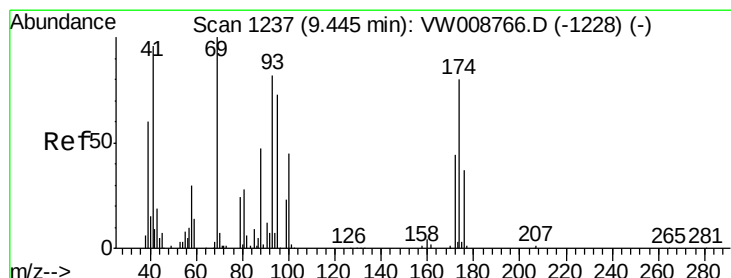
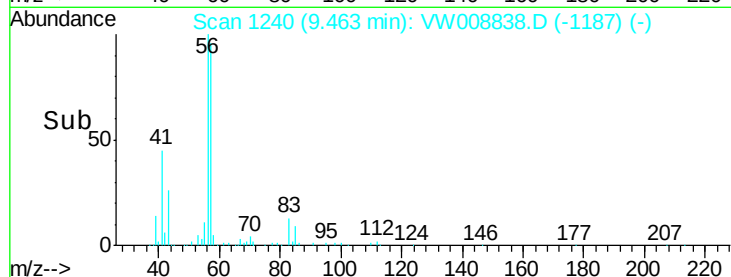
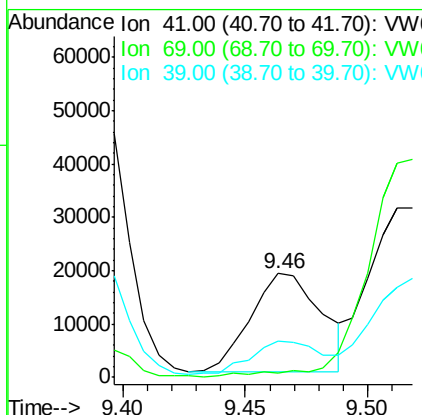
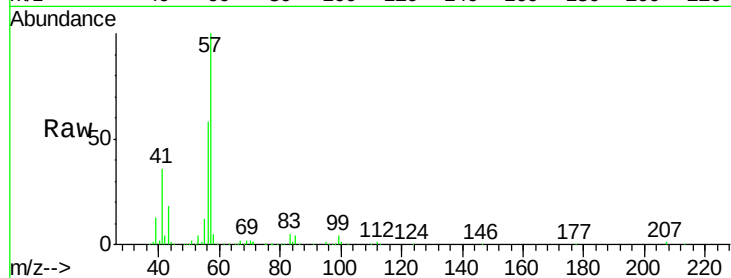




#48
Methyl methacrylate
Concen: 15.114 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

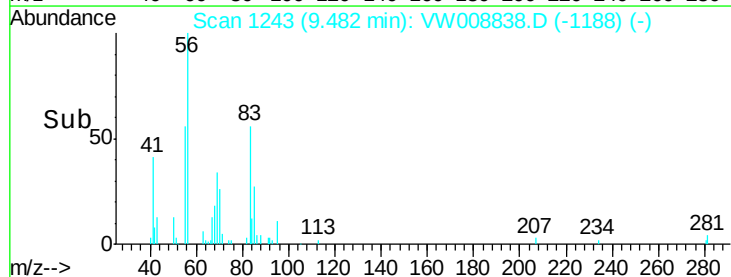
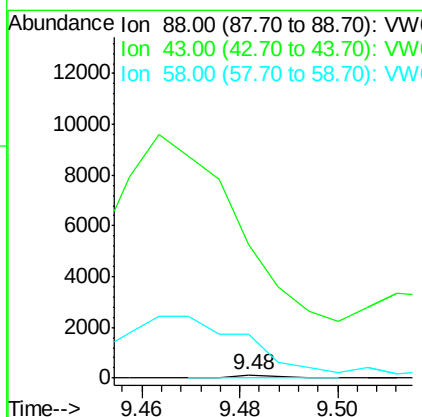
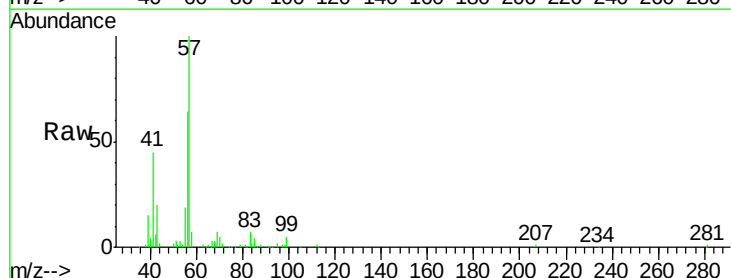
Instrument :
MSVOA_W
ClientSampled :
B-3(8-9)

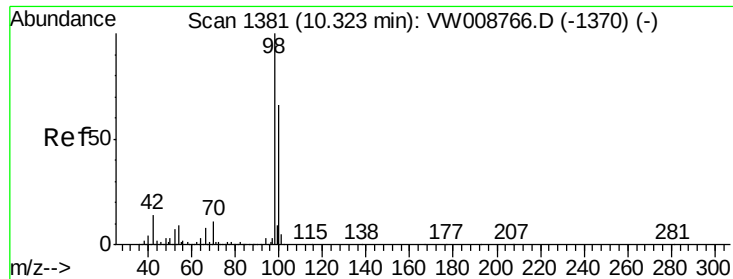
Tot Ion: 41 Resp: 37325
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 29.9 52.1 78.1#



#49
1,4-Dioxane
Concen: 2.216 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.04 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 23481.1 29.0 43.4#
58 7636.5 52.0 78.0#





#50

Toluene-d8

Concen: 53.245 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

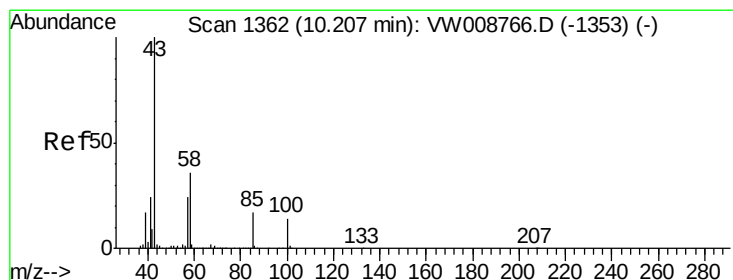
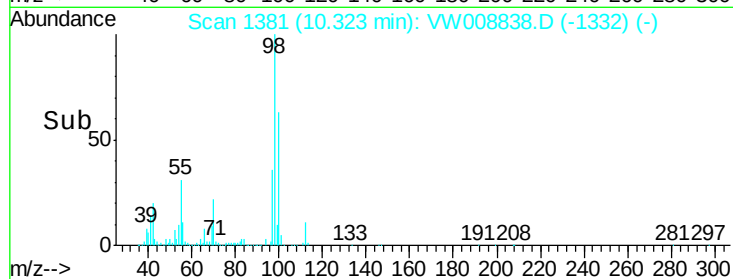
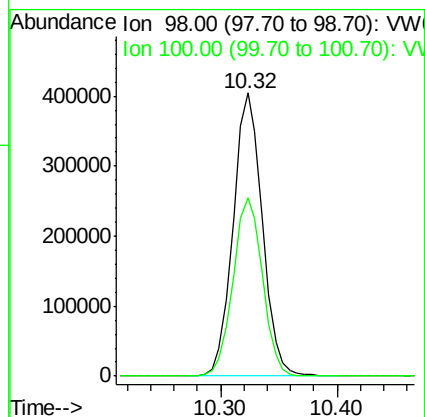
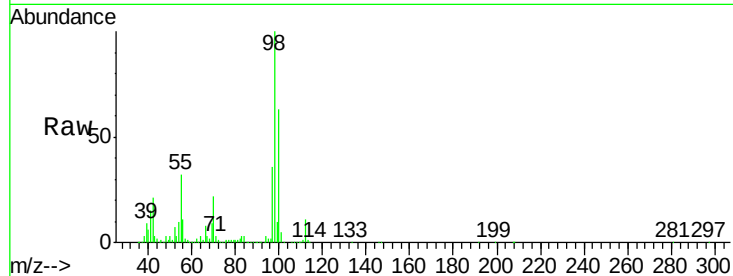
B-3(8-9)

Tot Ion: 98 Resp: 704345

Ion Ratio Lower Upper

98 100

100 63.6 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 25.903 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008838.D

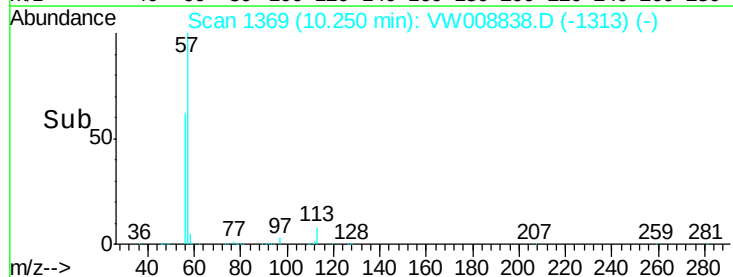
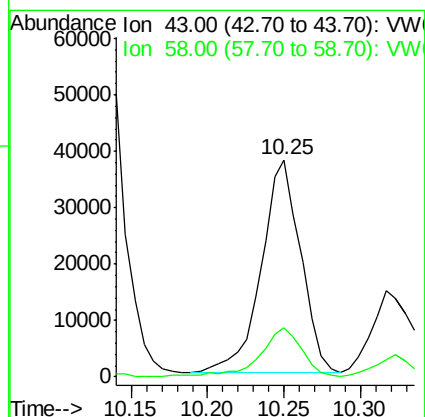
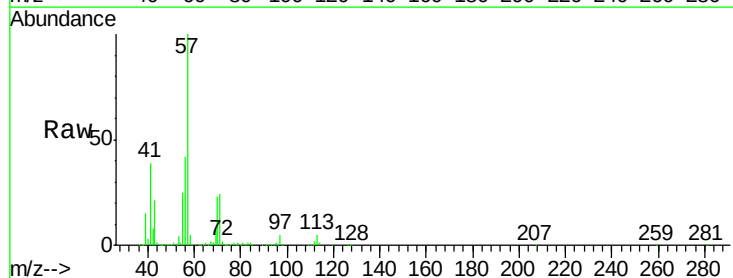
Acq: 26 Feb 2019 18:37

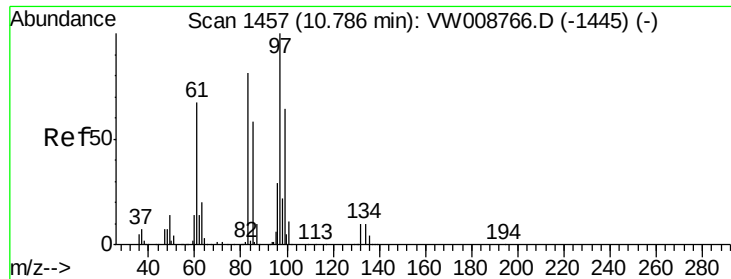
Tgt Ion: 43 Resp: 67808

Ion Ratio Lower Upper

43 100

58 24.8 29.1 43.7#

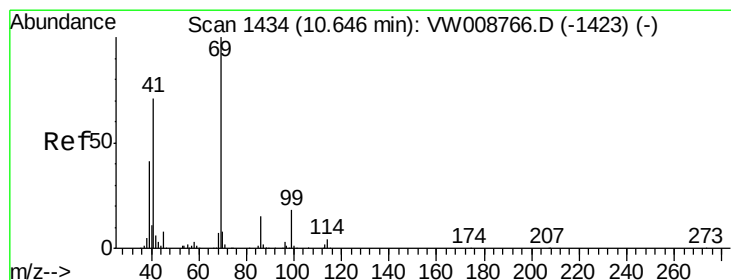
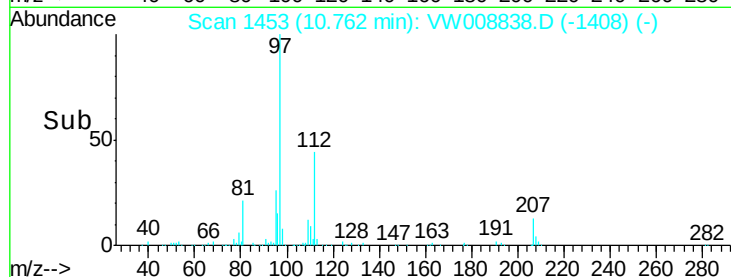
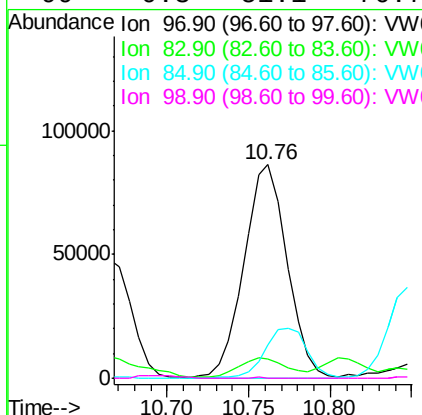
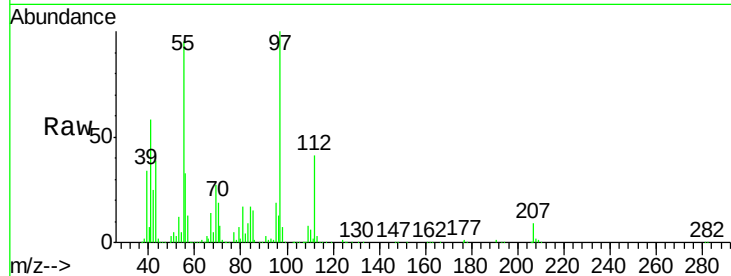




#55
 1,1,2-Trichloroethane
 Concen: 55.899 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

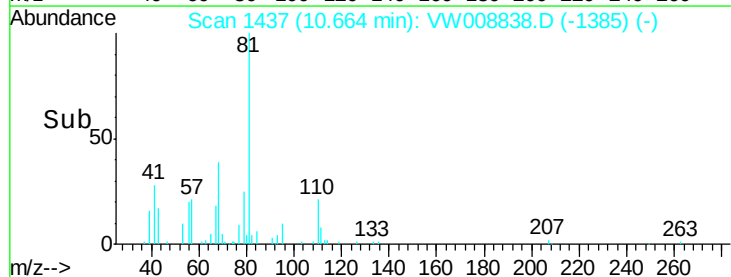
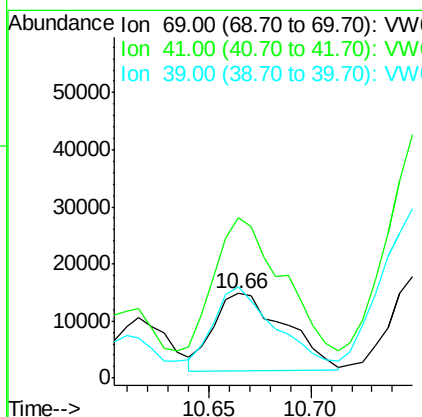
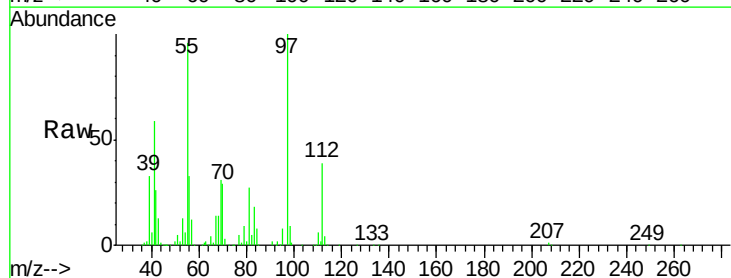
Instrument :
 MSVOA_W
 ClientSampleId :
 B-3(8-9)

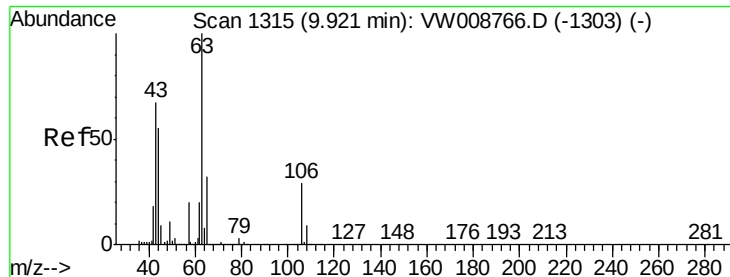
Tot Ion: 97 Resp: 158061
 Ion Ratio Lower Upper
 97 100
 83 8.5 65.0 97.6#
 85 15.4 46.0 69.0#
 99 0.3 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 8.998 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW008838.D
 Acq: 26 Feb 2019 18:37

Tgt Ion: 69 Resp: 33054
 Ion Ratio Lower Upper
 69 100
 41 180.7 57.4 86.0#
 39 88.1 34.8 52.2#

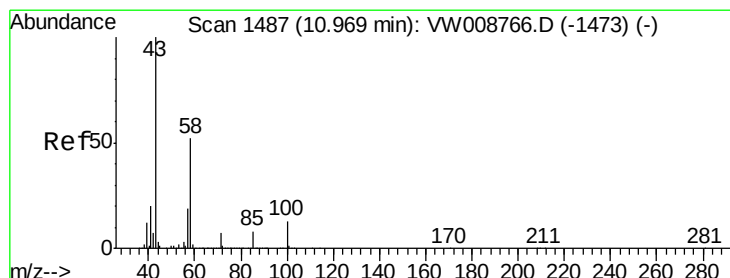
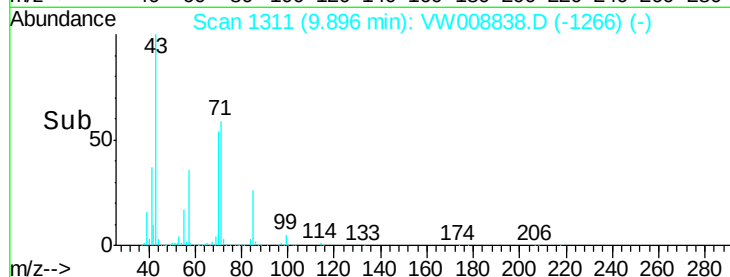
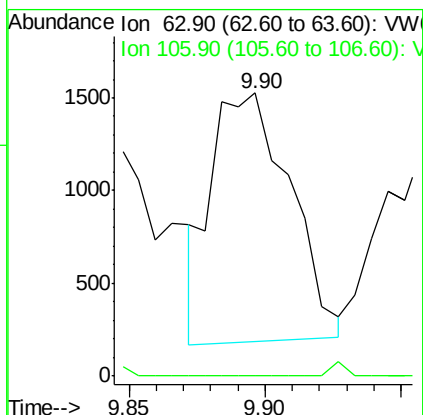
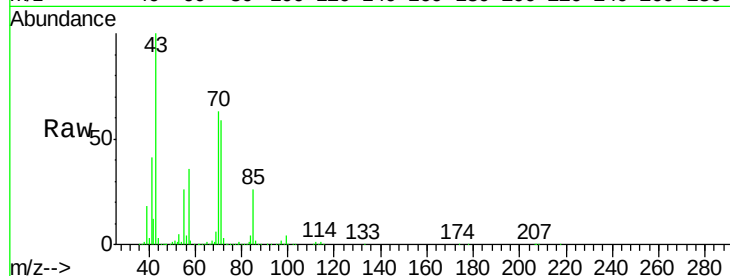




#58
2-Chloroethyl Vinyl ether
Concen: 1.449 ug/l
RT: 9.90 min Scan# 1311
Delta R.T. -0.02 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

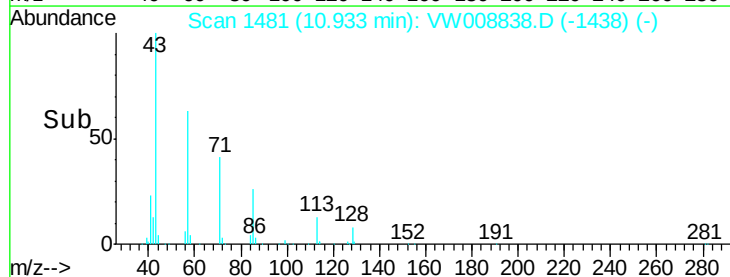
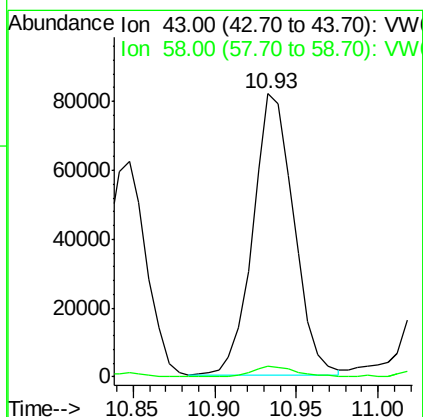
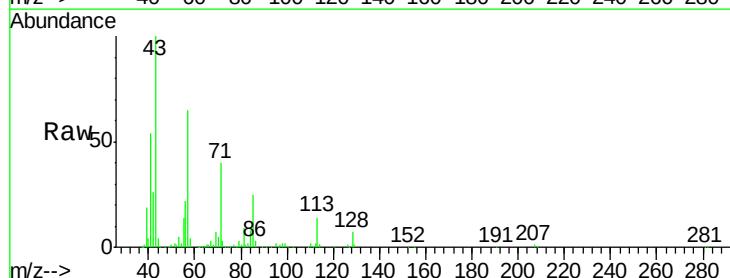
Instrument :
MSVOA_W
ClientSampleId :
B-3(8-9)

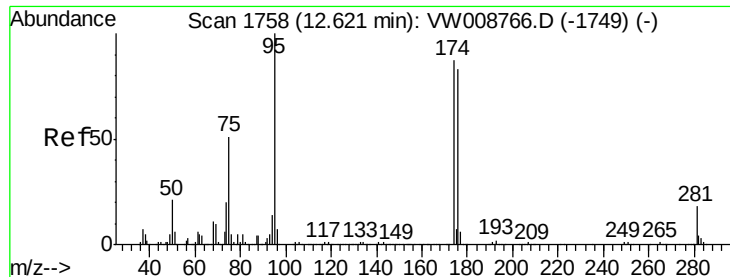
Tot Ion: 63 Resp: 2677
Ion Ratio Lower Upper
63 100
106 0.0 24.0 36.0#



#59
2-Hexanone
Concen: 76.101 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW008838.D
Acq: 26 Feb 2019 18:37

Tgt Ion: 43 Resp: 141812
Ion Ratio Lower Upper
43 100
58 4.2 25.3 75.8#





#62

4-Bromofluorobenzene

Concen: 48.159 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

B-3(8-9)

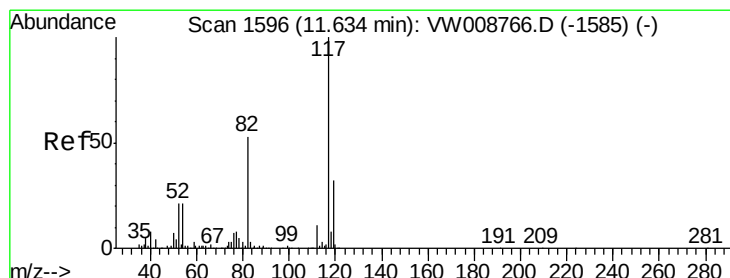
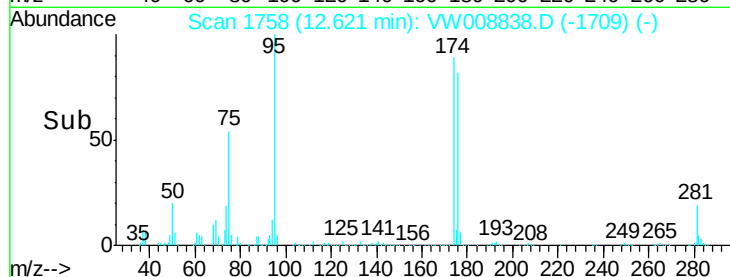
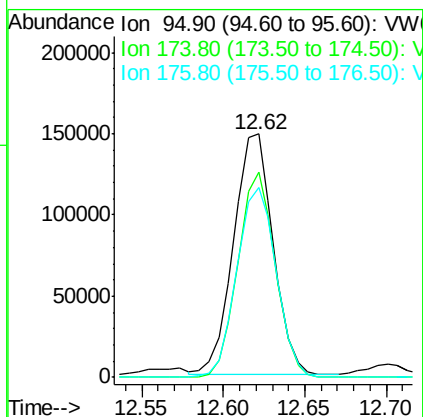
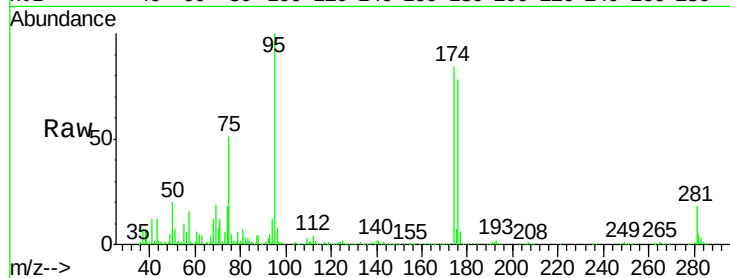
Tot Ion: 95 Resp: 249438

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.2

176 78.7 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

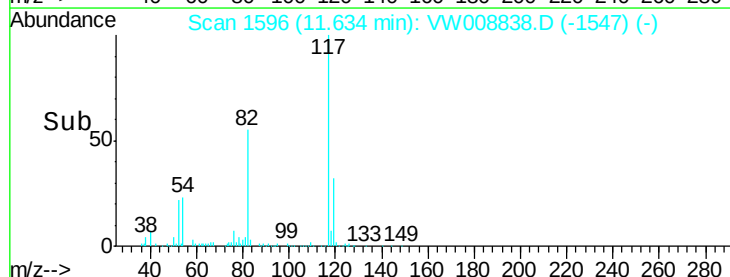
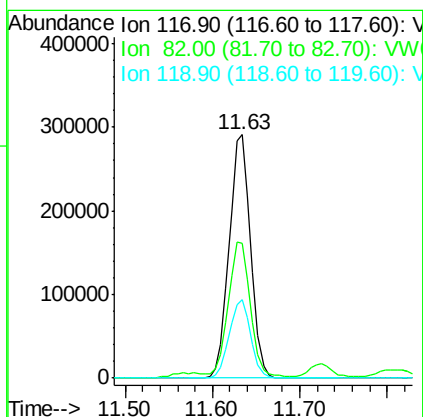
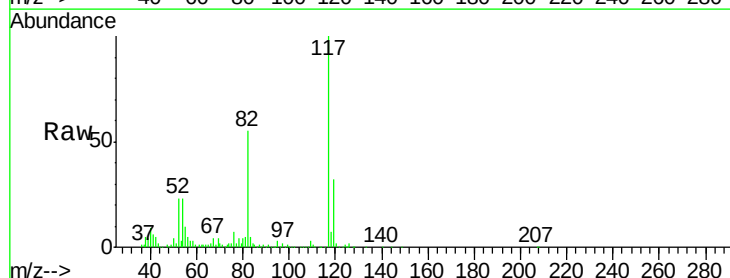
Tgt Ion: 117 Resp: 495693

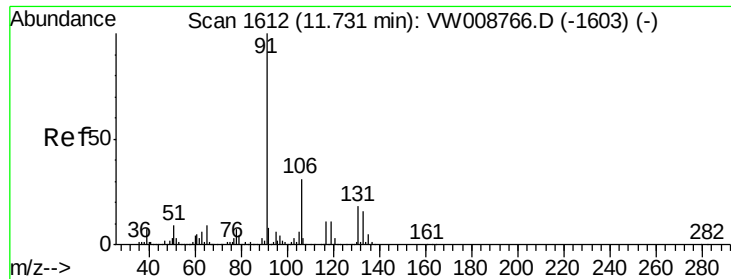
Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

119 32.1 25.9 38.9





#67

Ethyl Benzene

Concen: 1.292 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

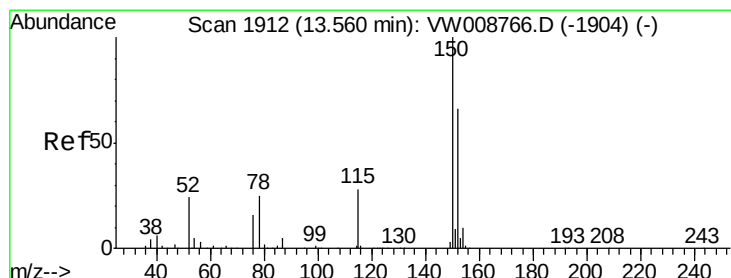
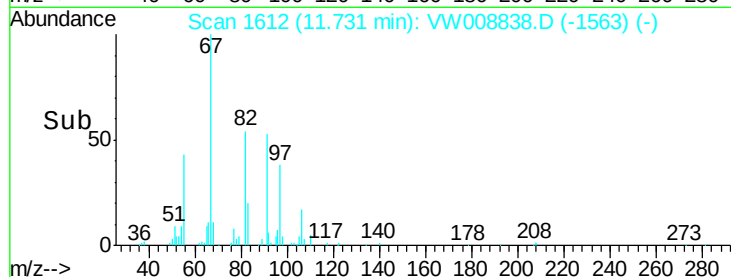
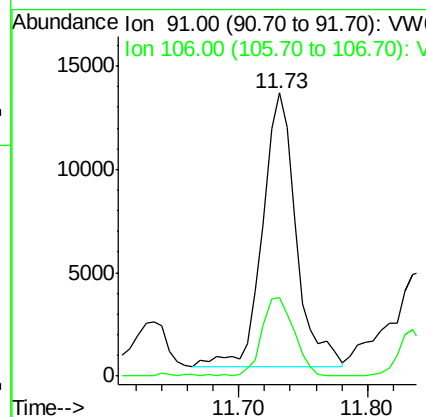
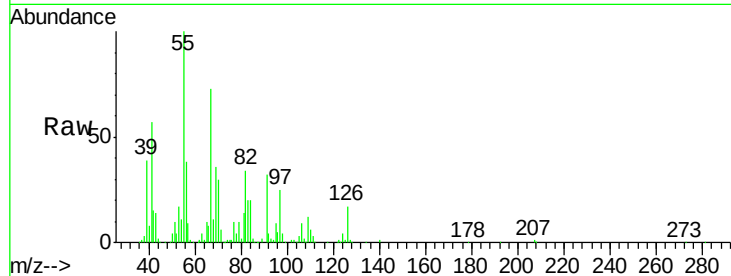
B-3(8-9)

Tot Ion: 91 Resp: 24073

Ion Ratio Lower Upper

91 100

106 28.6 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

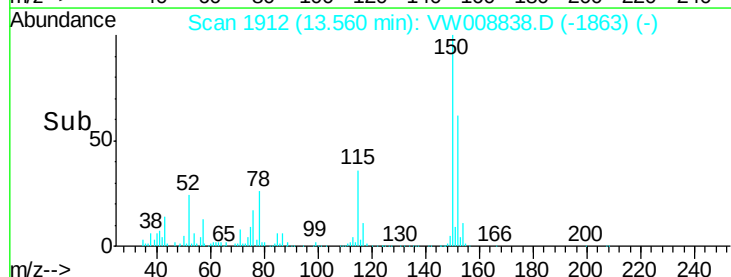
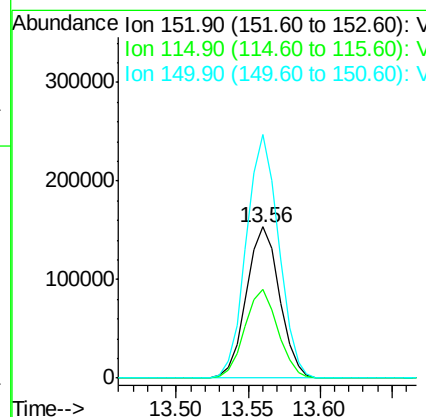
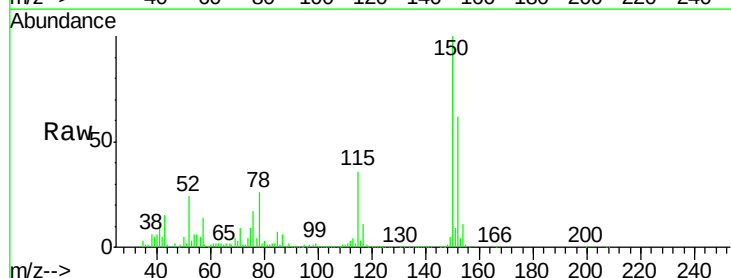
Tgt Ion: 152 Resp: 244211

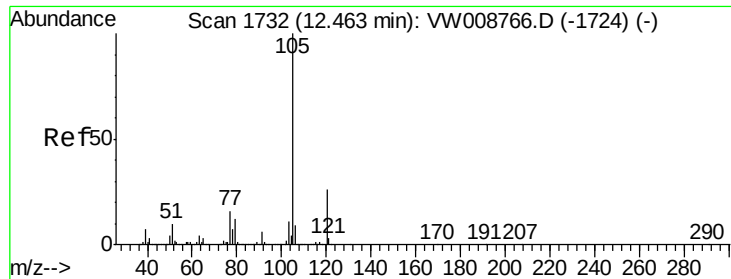
Ion Ratio Lower Upper

152 100

115 58.6 28.6 85.8

150 157.7 0.0 348.0





#73

Isopropylbenzene

Concen: 3.255 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

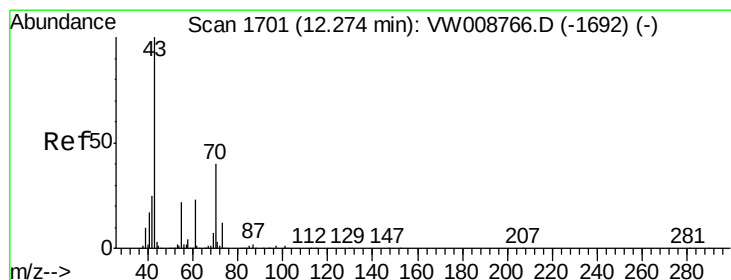
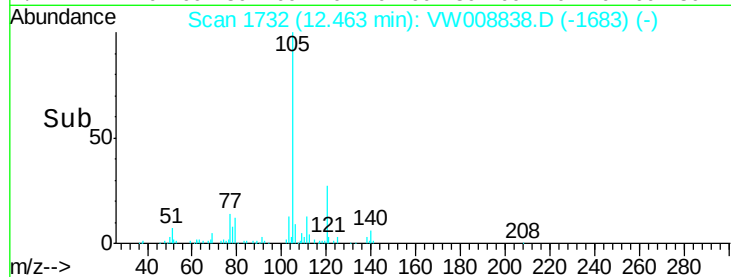
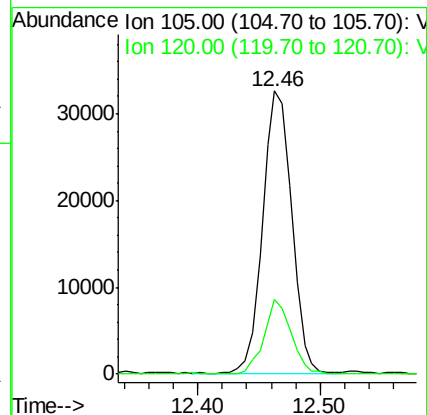
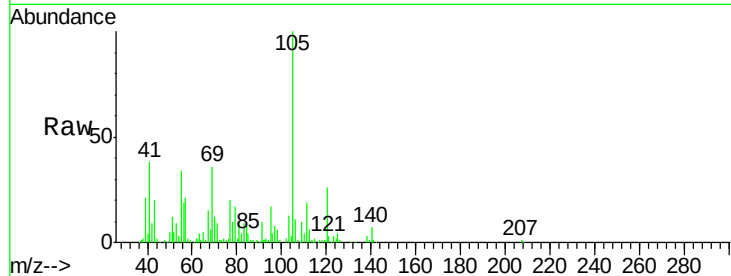
B-3(8-9)

Tot Ion:105 Resp: 54498

Ion Ratio Lower Upper

105 100

120 24.6 13.3 39.9



#74

N-ethyl acetate

Concen: 18.554 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Tgt Ion: 43 Resp: 78243

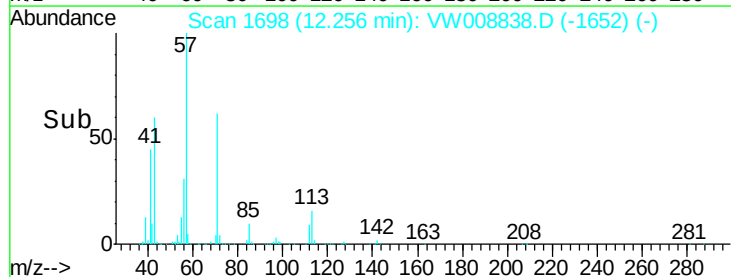
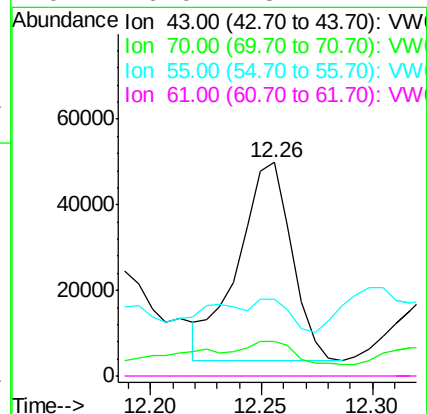
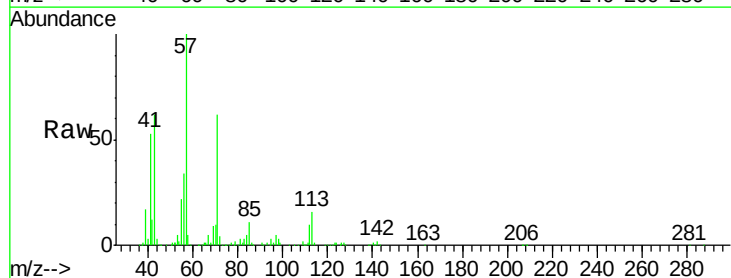
Ion Ratio Lower Upper

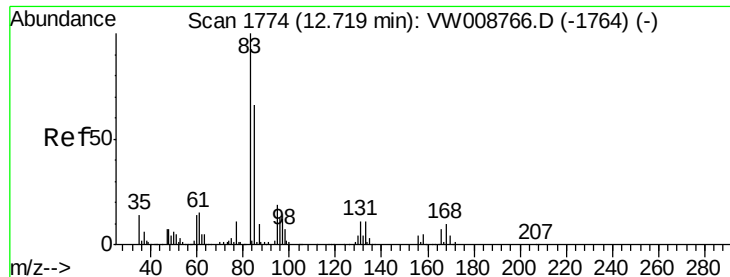
43 100

70 10.6 31.0 46.6#

55 0.0 18.7 28.1#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.566 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

B-3(8-9)

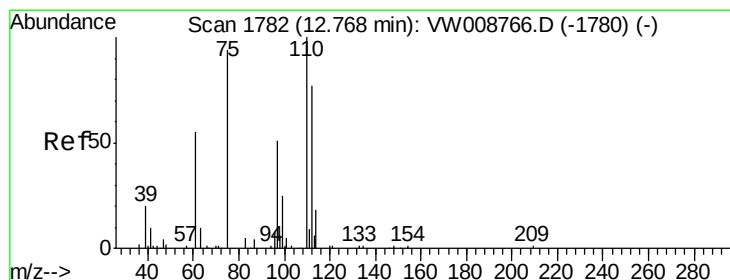
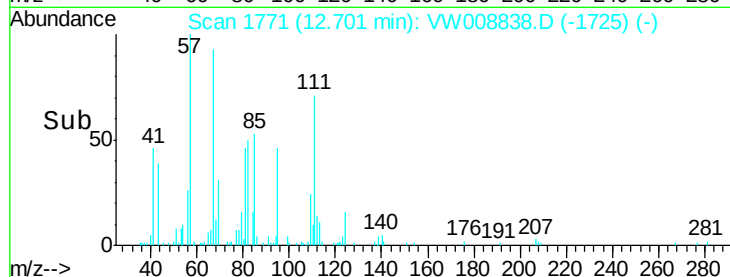
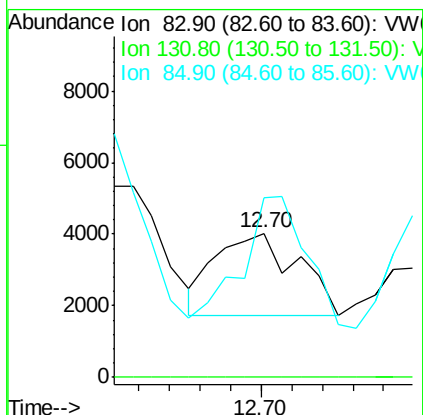
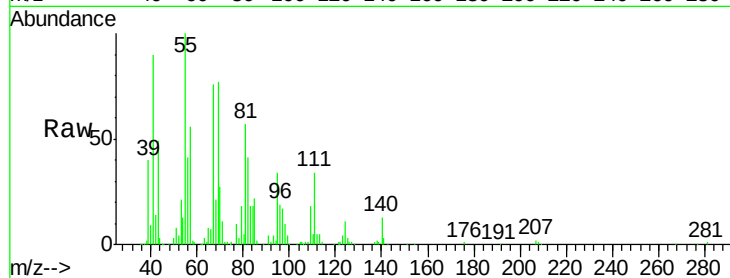
Tot Ion: 83 Resp: 4283

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 126.6 33.0 98.9#



#76

1,2,3-Trichloropropane

Concen: 65.395 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008838.D

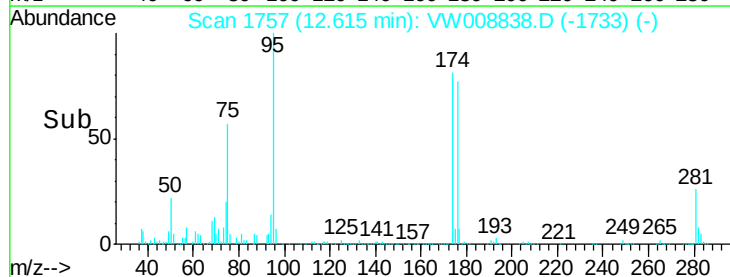
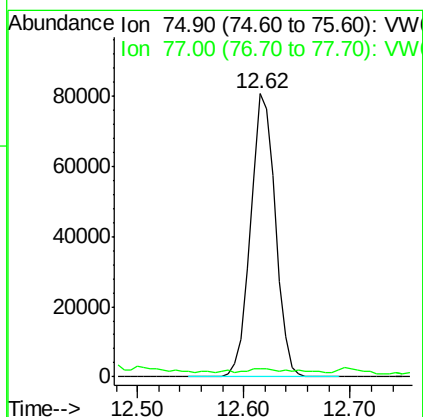
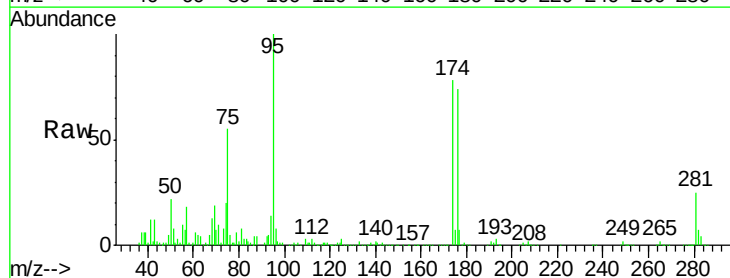
Acq: 26 Feb 2019 18:37

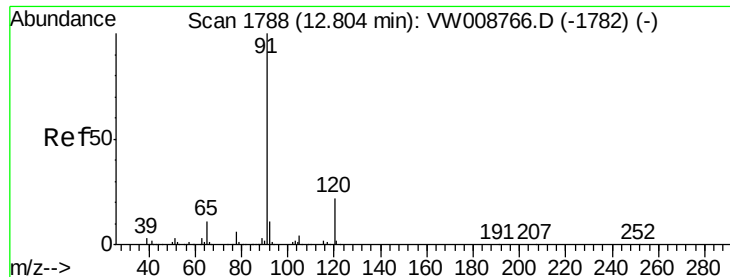
Tgt Ion: 75 Resp: 131855

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#78

n-propylbenzene

Concen: 16.103 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

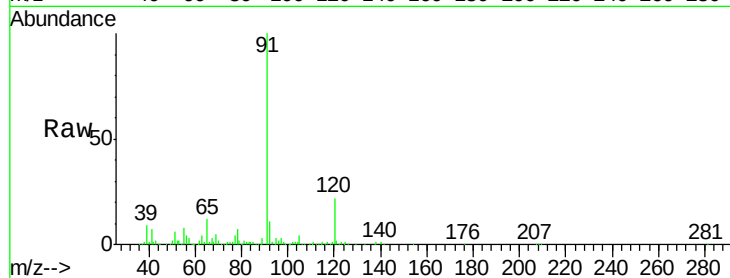
B-3(8-9)

Tot Ion: 91 Resp: 329771

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

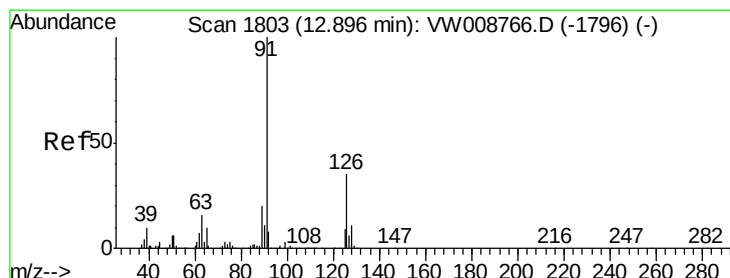
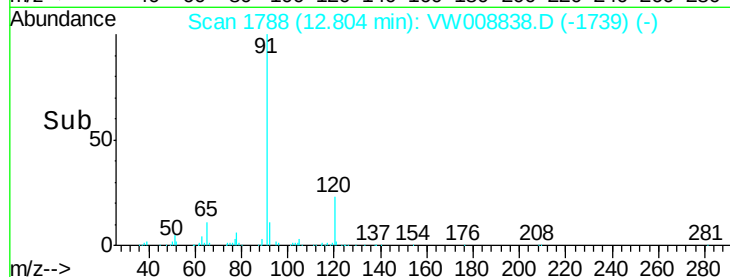
50000

0

12.70

12.80

Time-->



#79

2-Chlorotoluene

Concen: 28.362 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW008838.D

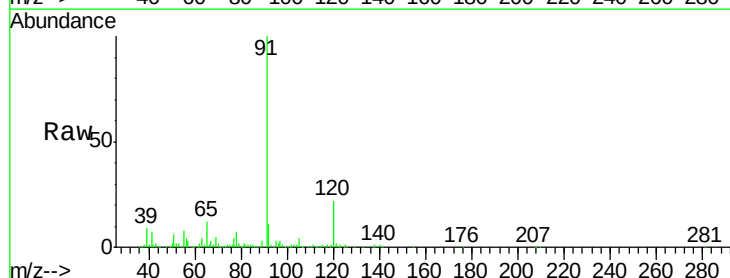
Acq: 26 Feb 2019 18:37

Tgt Ion: 91 Resp: 329771

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

100000

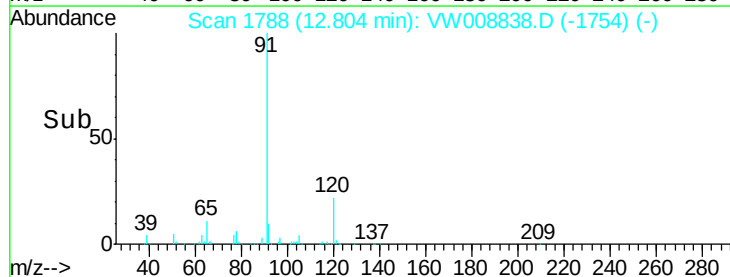
50000

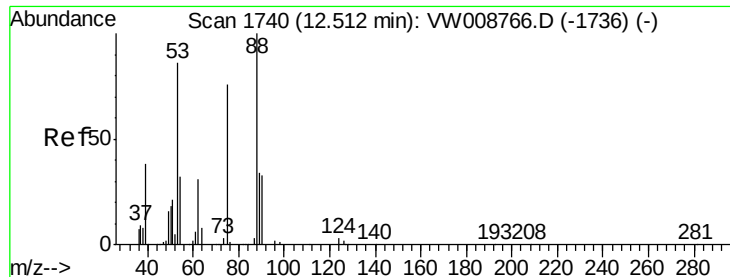
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 158.980 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

B-3(8-9)

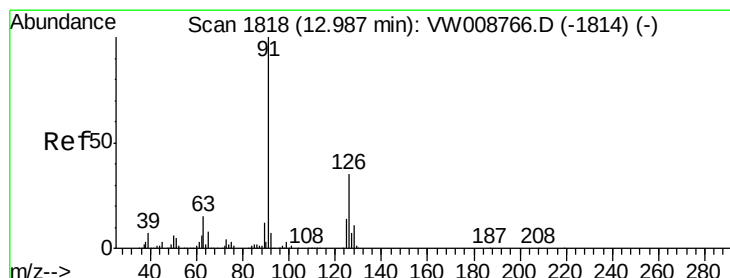
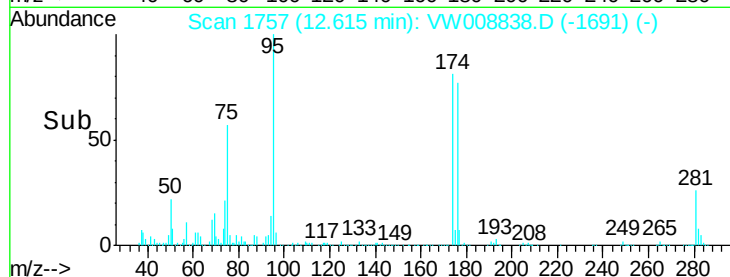
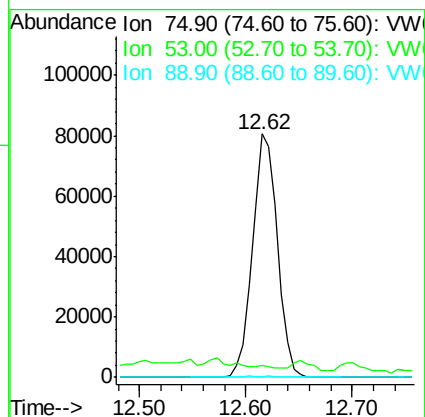
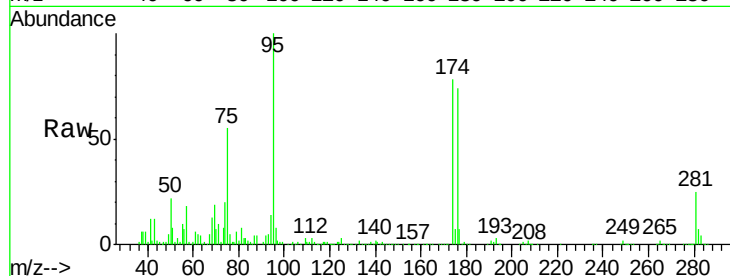
Tot Ion: 75 Resp: 131855

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.4 39.5 59.3#



#82

4-Chlorotoluene

Concen: 26.914 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.18 min

Lab File: VW008838.D

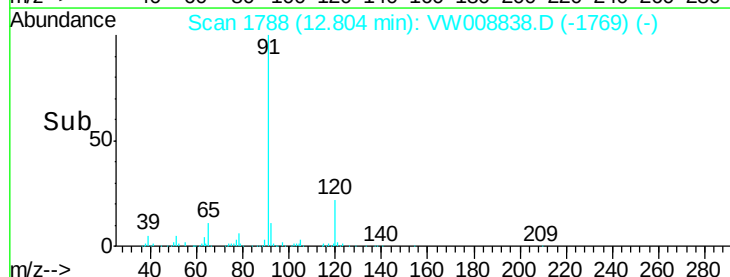
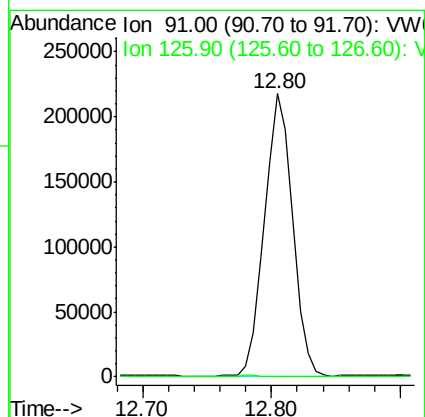
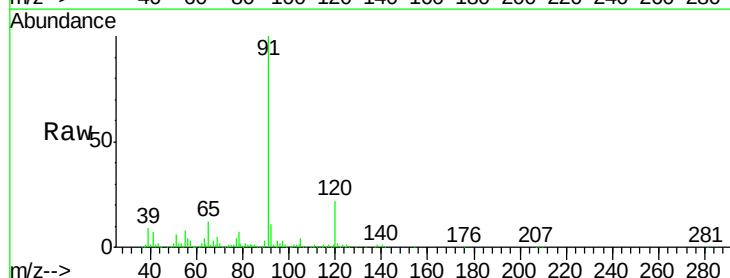
Acq: 26 Feb 2019 18:37

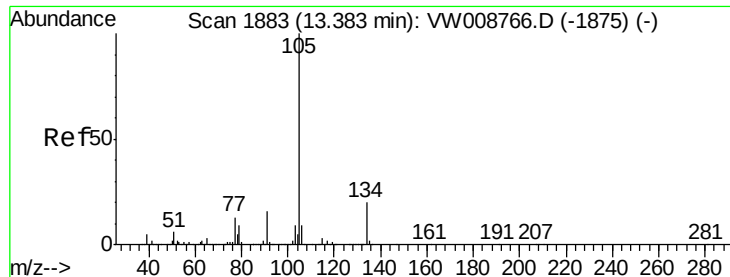
Tgt Ion: 91 Resp: 329771

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#





#85

sec-Butylbenzene

Concen: 8.270 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

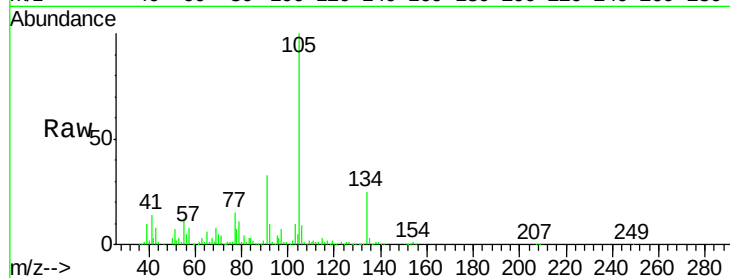
B-3(8-9)

Tot Ion:105 Resp: 149594

Ion Ratio Lower Upper

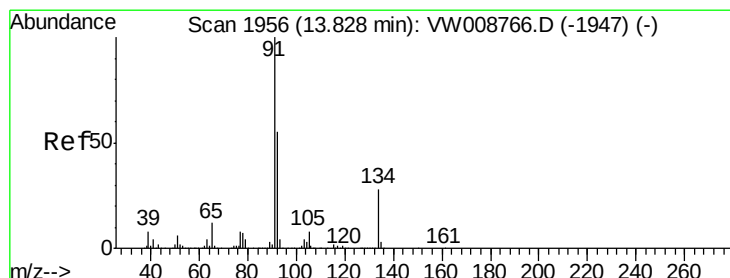
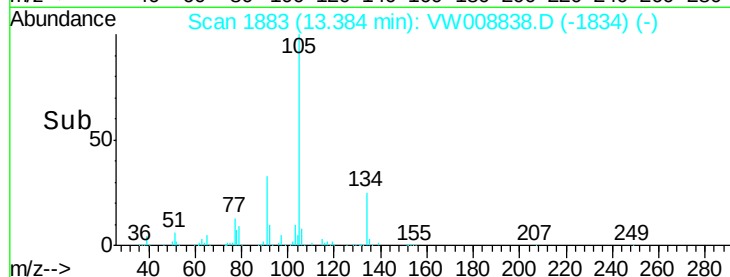
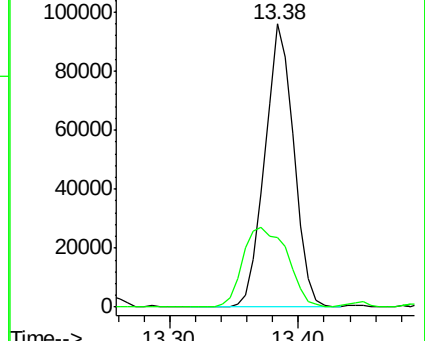
105 100

134 43.3 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 22.675 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

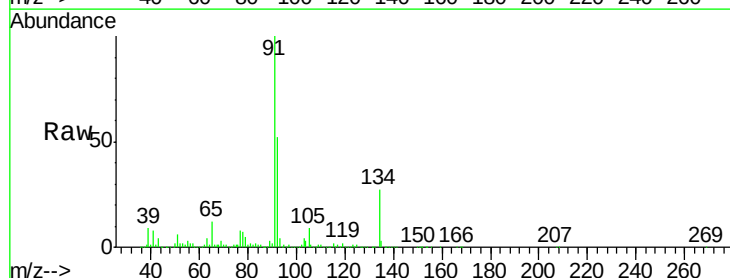
Tgt Ion: 91 Resp: 352261

Ion Ratio Lower Upper

91 100

92 48.6 26.8 80.4

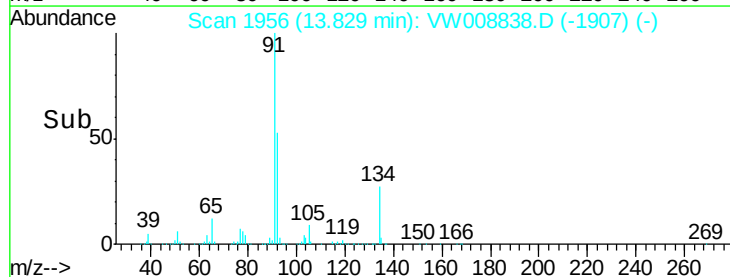
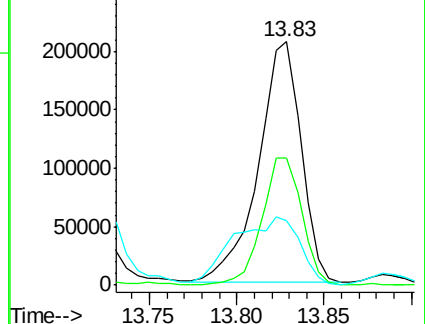
134 43.1 13.5 40.4#

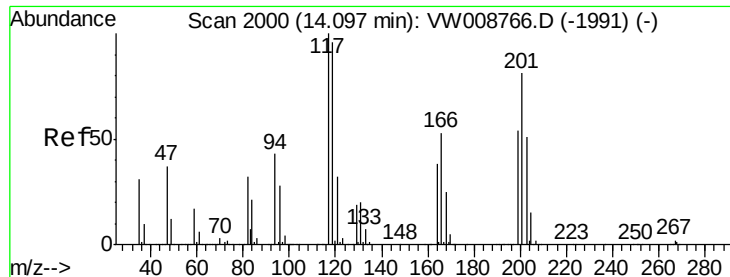


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 34.033 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

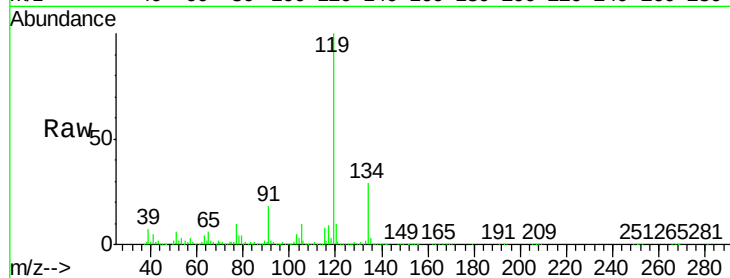
B-3(8-9)

Tot Ion:117 Resp: 92386

Ion Ratio Lower Upper

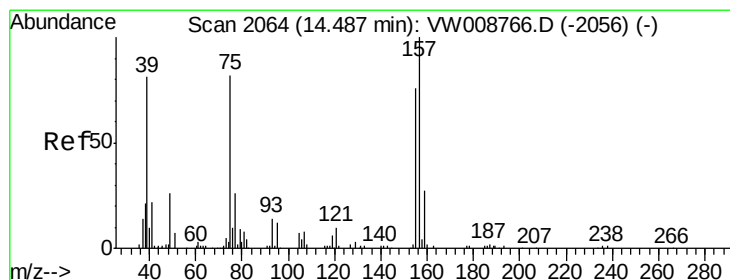
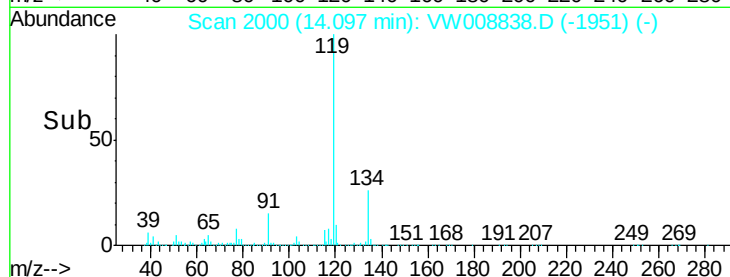
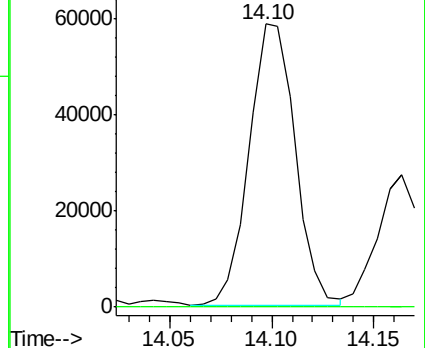
117 100

201 0.0 40.3 120.8#



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: 4.553 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008838.D

Acq: 26 Feb 2019 18:37

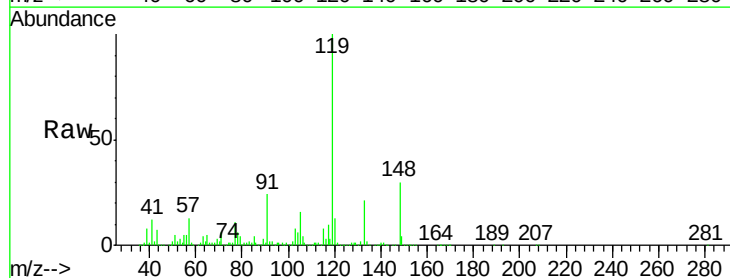
Tgt Ion: 75 Resp: 2253

Ion Ratio Lower Upper

75 100

155 3.2 41.8 125.4#

157 0.0 56.6 169.9#



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

