

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008836.D
 Acq On : 26 Feb 2019 17:44
 Operator : SY/VA
 Sample : K1594-24
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(8-9)

Quant Time: Feb 27 06:00:03 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	350533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	173905	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	154817	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	10.32	98	660195	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.62	95	275463	58.19	ug/l	0.00
Spiked Amount			Recovery	=	116.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2291	1.264	ug/l	75
11) Tert butyl alcohol	5.13	59	12621	43.120	ug/l #	70
13) Acrolein	4.10	56	19005	76.469	ug/l	86
15) Acrylonitrile	5.43	53	37240	47.893	ug/l #	43
16) Acetone	4.12	43	108441	142.300	ug/l	92
20) Methylene Chloride	4.92	84	52659	9.933	ug/l #	80
25) 2-Butanone	7.16	43	24924	23.394	ug/l #	65
26) 2,2-Dichloropropane	7.15	77	7329	1.318	ug/l #	54
29) Tetrahydrofuran	7.54	42	2261	3.330	ug/l #	62
30) Chloroform	7.63	83	15616	2.486	ug/l #	17
31) Cyclohexane	7.93	56	256713	41.418	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	25102	4.944	ug/l #	59
37) Ethyl Acetate	7.16	43	24981	10.580	ug/l #	72
38) Carbon Tetrachloride	7.95	117	33250	6.210	ug/l #	16
39) Methylcyclohexane	9.07	83	18739	2.959	ug/l	93
41) Methacrylonitrile	7.52	41	7631	5.498	ug/l #	53
43) Isopropyl Acetate	8.41	43	178068	37.788	ug/l #	53
47) Bromodichloromethane	9.62	83	43207	9.320	ug/l #	27
48) Methyl methacrylate	9.47	41	127783	56.618	ug/l #	35
51) 4-Methyl-2-Pentanone	10.25	43	277574	116.022	ug/l #	80
55) 1,1,2-Trichloroethane	10.76	97	269766	104.392	ug/l #	34
56) Ethyl methacrylate	10.66	69	44712	13.317	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.89	63	13168	7.798	ug/l #	45
59) 2-Hexanone	10.94	43	479869	281.773	ug/l #	32
73) Isopropylbenzene	12.46	105	33851	1.922	ug/l	99
74) N-amyl acetate	12.26	43	442918	99.852	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.71	83	20328	7.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	134892	63.604	ug/l #	100
78) n-propylbenzene	12.80	91	188822	8.766	ug/l	99
79) 2-Chlorotoluene	12.80	91	188822	15.439	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.62	75	134892	154.626	ug/l #	24
82) 4-Chlorotoluene	12.80	91	188822	14.651	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.26	105	23610	1.490	ug/l	96
85) sec-Butylbenzene	13.38	105	109496	5.755	ug/l #	44

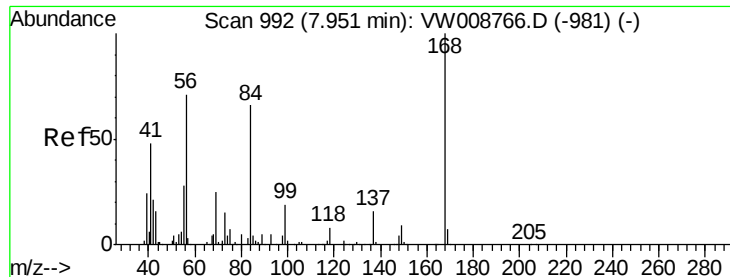
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.83	91	153626	9.402	ug/l #	78
90) Hexachloroethane	14.10	117	44673	15.645	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4915	9.443	ug/l #	8
95) Naphthalene	15.33	128	13359	1.416	ug/l #	1

(#) = 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: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

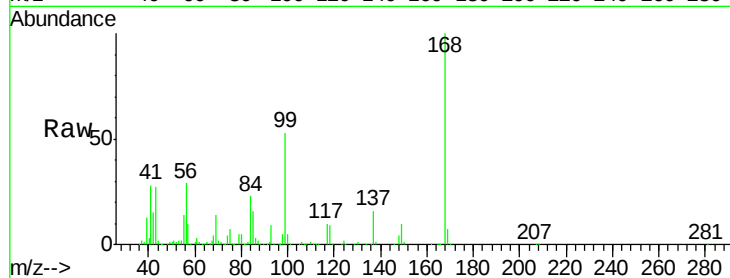
B-2(8-9)

Tot Ion:168 Resp: 350533

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

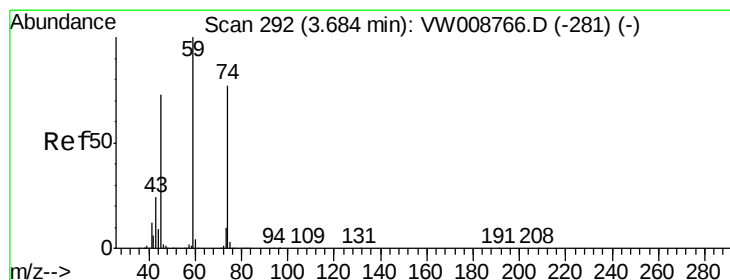
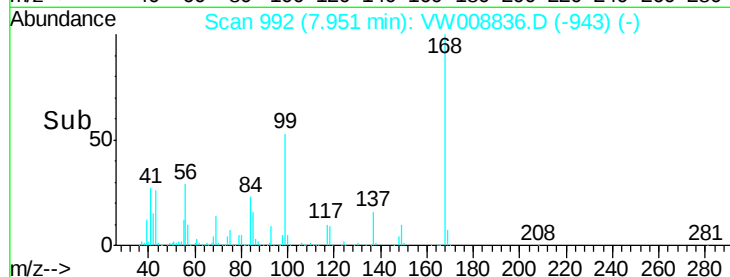
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.264 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW008836.D

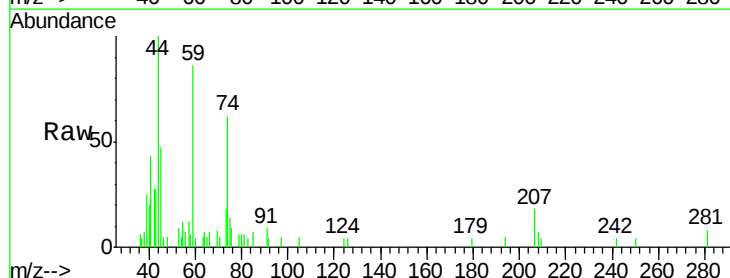
Acq: 26 Feb 2019 17:44

Tgt Ion: 74 Resp: 2291

Ion Ratio Lower Upper

74 100

45 75.1 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

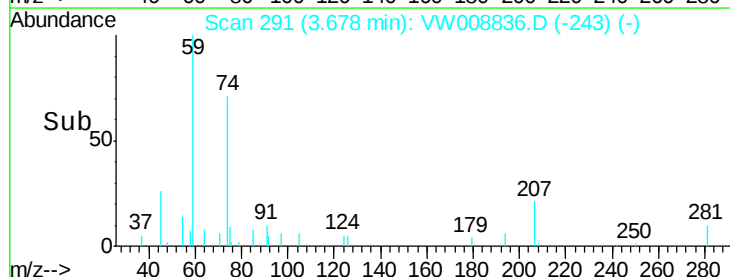
600

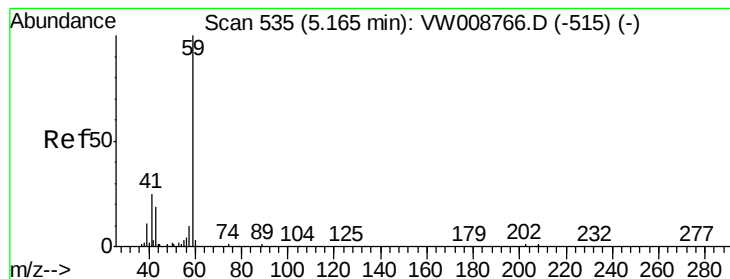
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200

0

Time-->



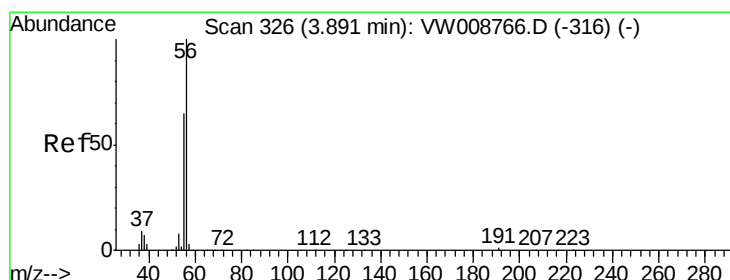
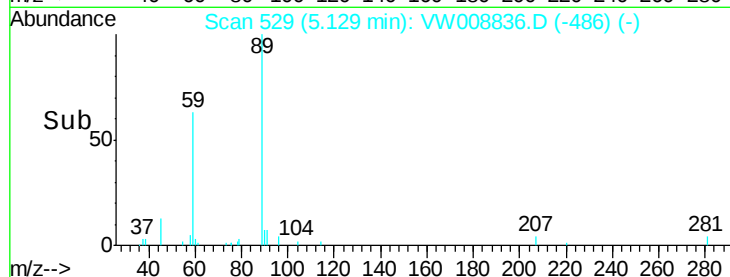
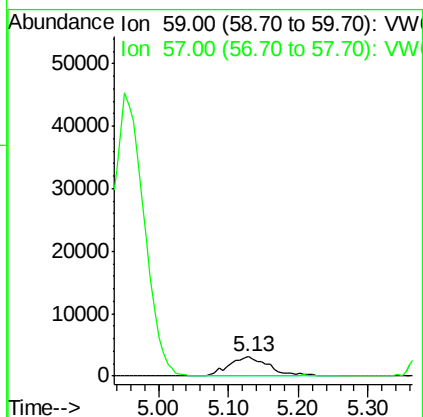
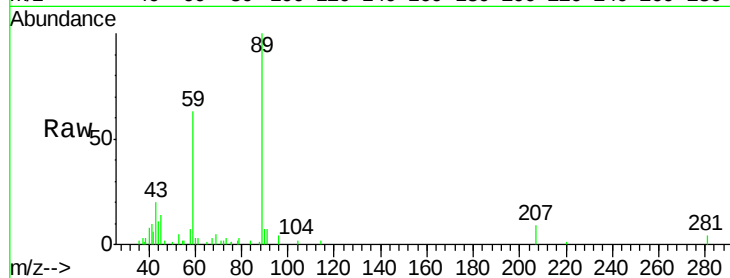


#11

Tert butyl alcohol
 Concen: 43.120 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Instrument :
 MSVOA_W
 ClientSampled :
 B-2(8-9)

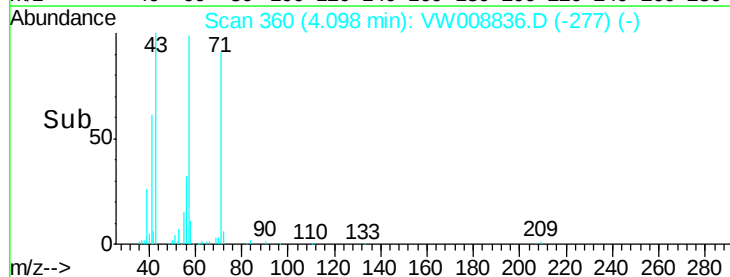
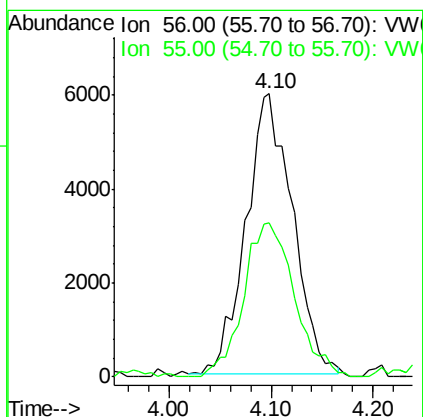
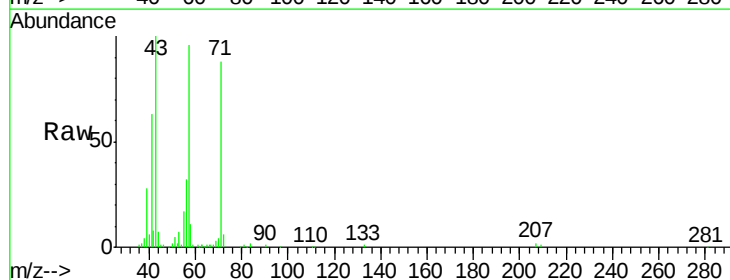
Tot Ion: 59 Resp: 12621
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

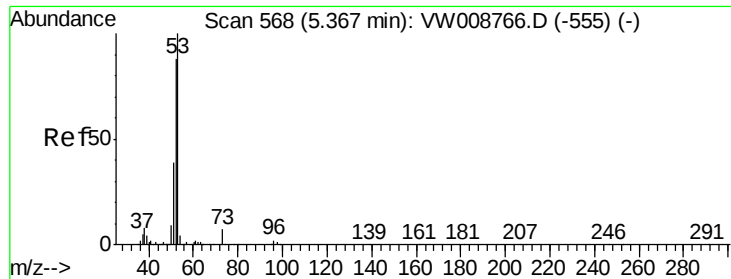


#13

Acrolein
 Concen: 76.469 ug/l
 RT: 4.10 min Scan# 360
 Delta R.T. 0.21 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Tgt Ion: 56 Resp: 19005
 Ion Ratio Lower Upper
 56 100
 55 59.4 56.9 85.3





#15

Acrylonitrile

Concen: 47.893 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.06 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

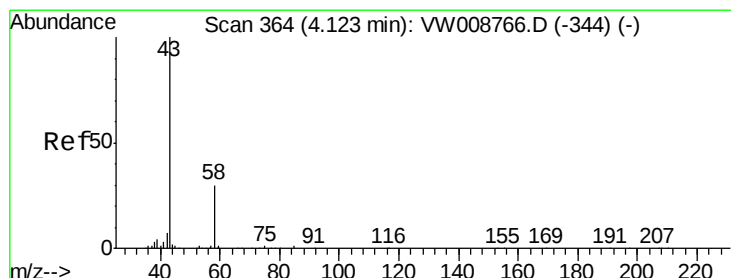
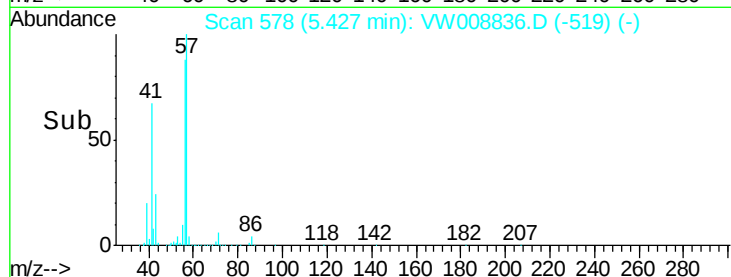
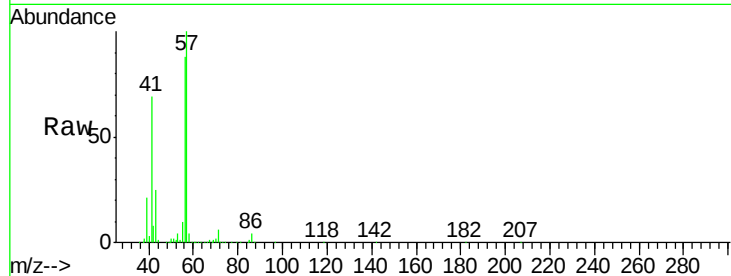
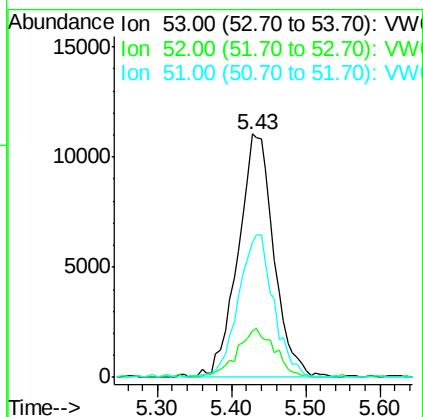
MSVOA_W

ClientSampleId :

B-2(8-9)

Tot Ion: 53 Resp: 37240

Ion	Ratio	Lower	Upper
53	100		
52	21.1	67.2	100.8#
51	57.9	31.1	46.7#



#16

Acetone

Concen: 142.300 ug/l

RT: 4.12 min Scan# 364

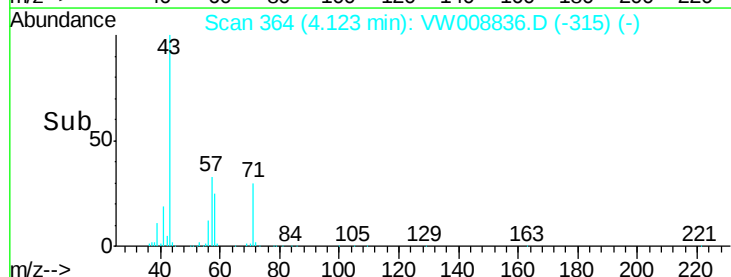
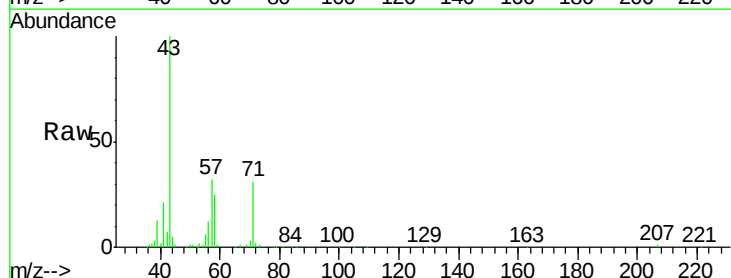
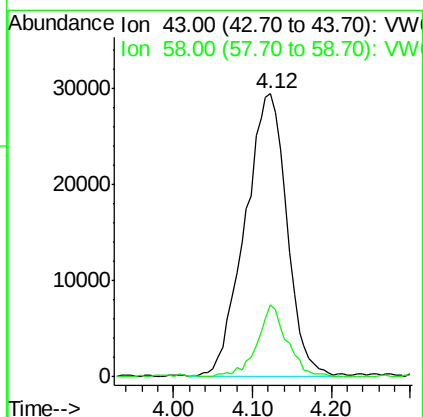
Delta R.T. 0.00 min

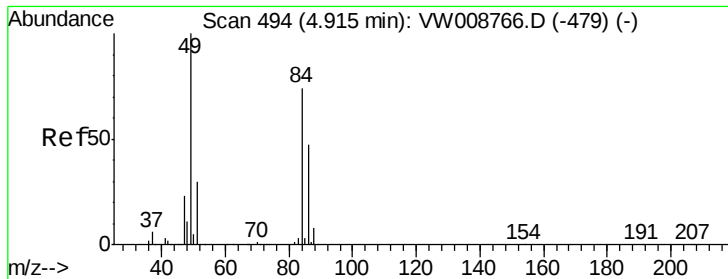
Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion: 43 Resp: 108441

Ion	Ratio	Lower	Upper
43	100		
58	25.1	23.8	35.6





#20

Methylene Chloride

Concen: 9.933 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

Tot Ion: 84 Resp: 52659

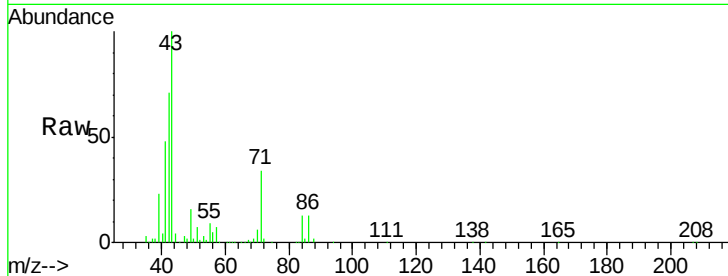
Ion Ratio Lower Upper

84 100

49 121.2 108.2 162.2

51 48.2 32.7 49.1

86 95.4 50.3 75.5#

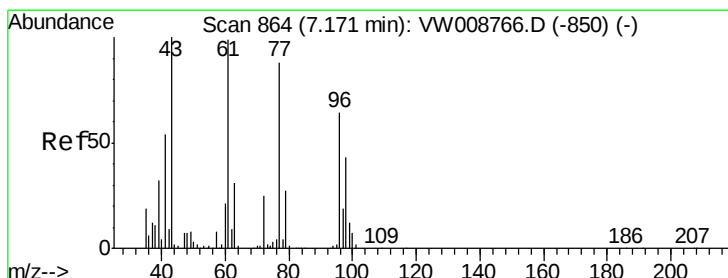
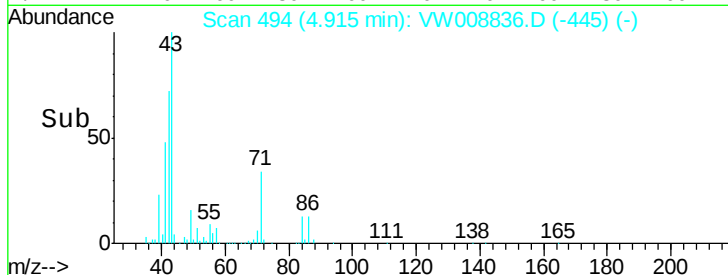
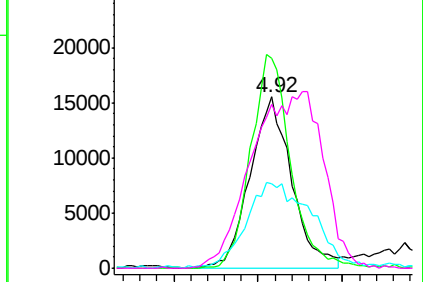


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 23.394 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008836.D

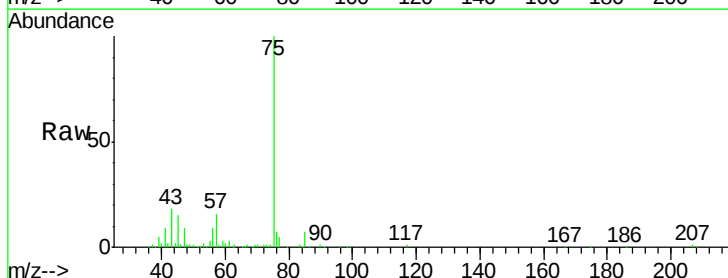
Acq: 26 Feb 2019 17:44

Tgt Ion: 43 Resp: 24924

Ion Ratio Lower Upper

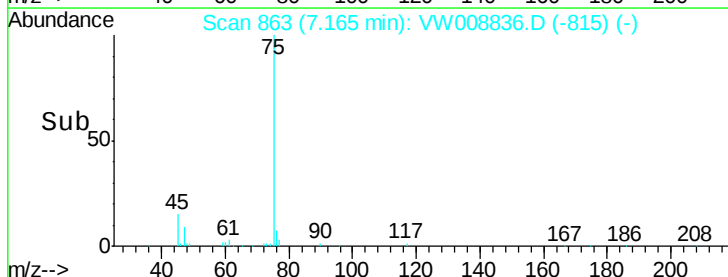
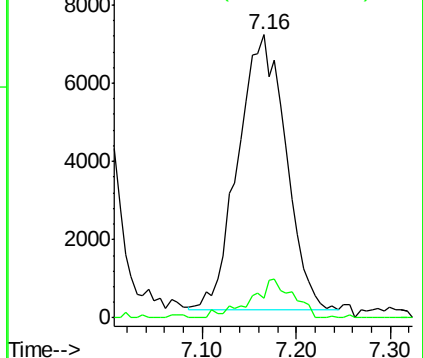
43 100

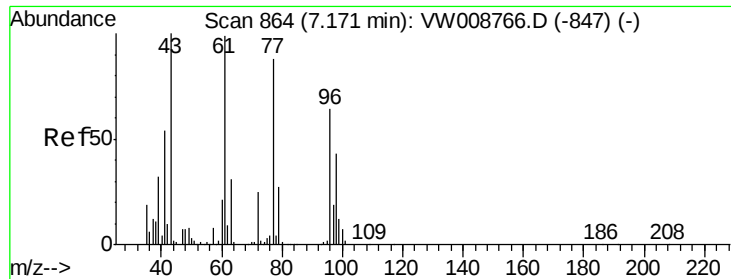
72 7.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 1.318 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

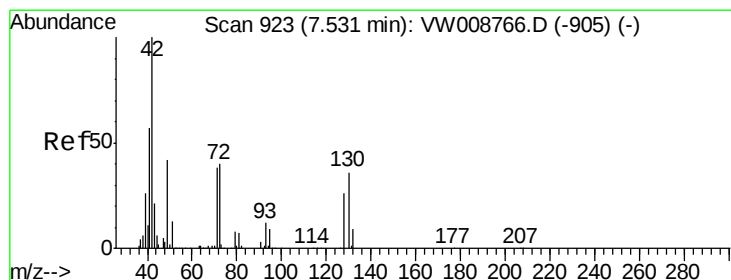
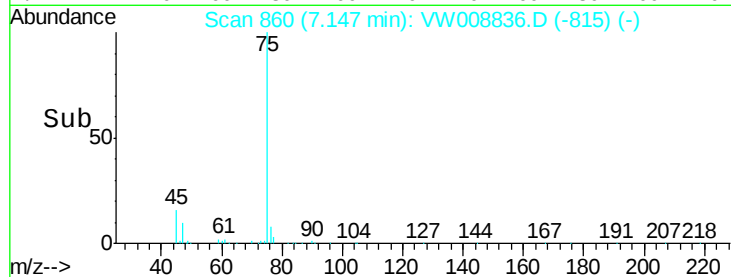
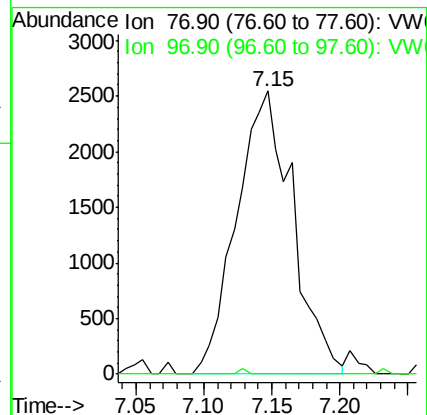
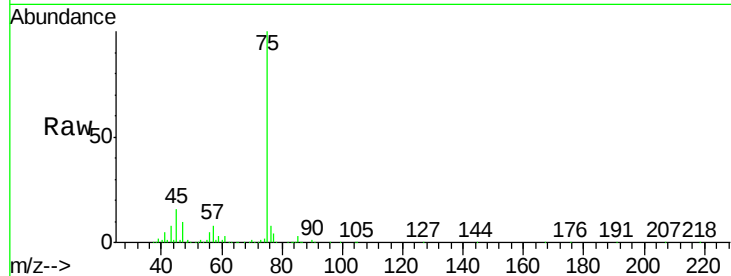
B-2(8-9)

Tot Ion: 77 Resp: 7329

Ion Ratio Lower Upper

77 100

97 0.3 11.0 33.0#



#29

Tetrahydrofuran

Concen: 3.330 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

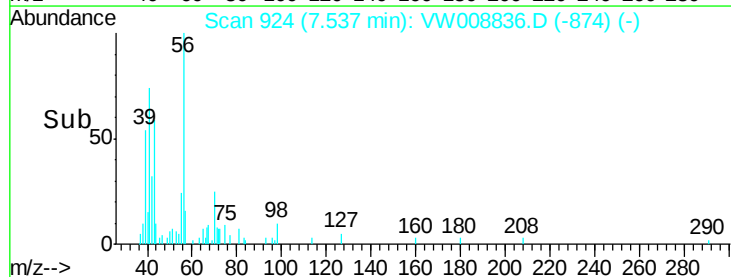
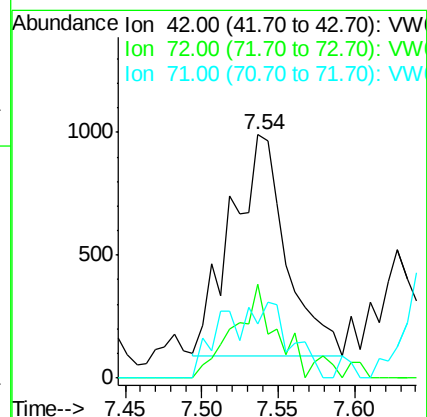
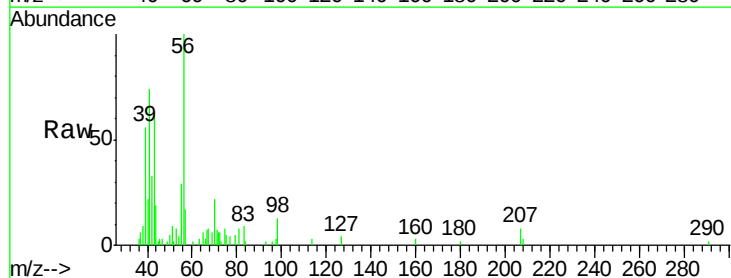
Tgt Ion: 42 Resp: 2261

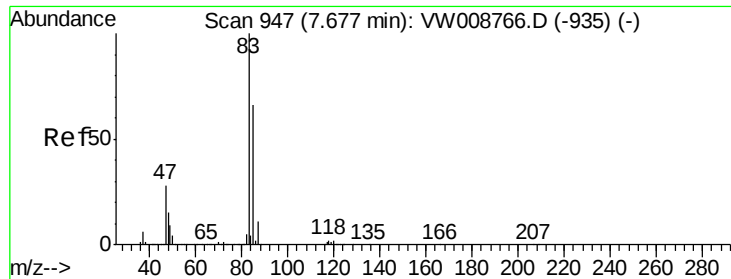
Ion Ratio Lower Upper

42 100

72 32.6 32.7 49.1#

71 0.0 31.3 46.9#

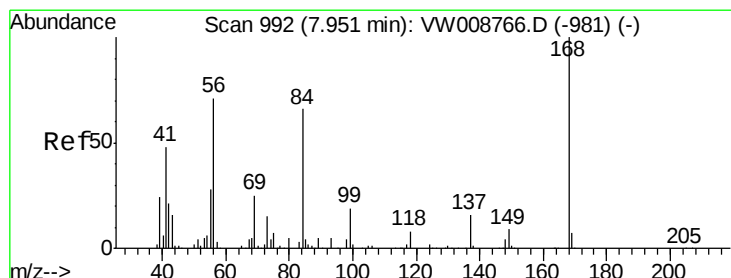
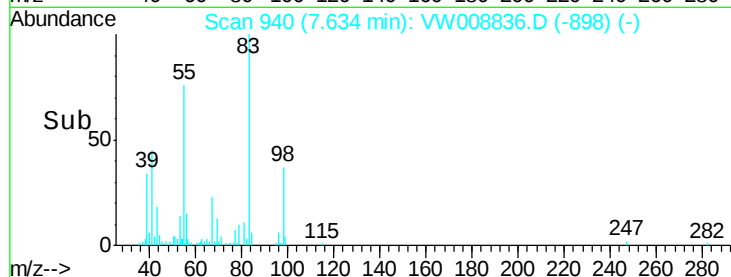
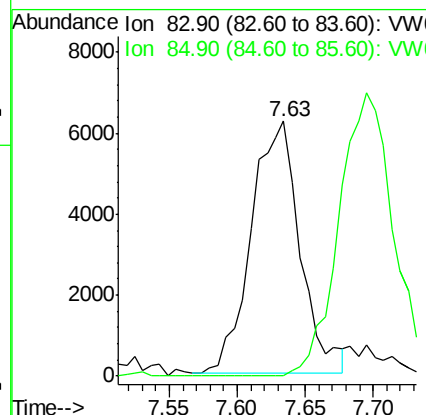
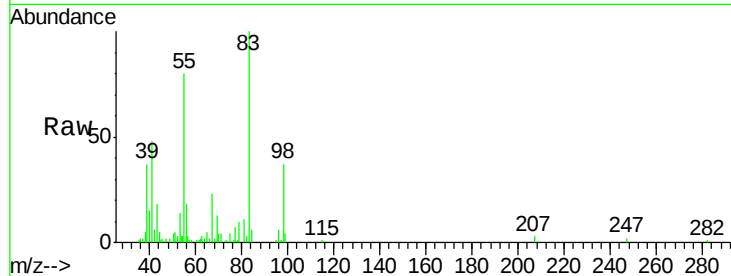




#30
Chloroform
Concen: 2.486 ug/l
RT: 7.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

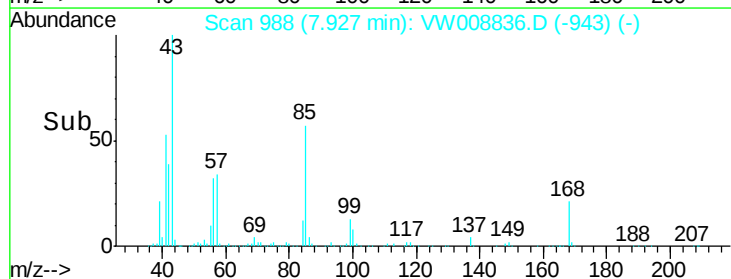
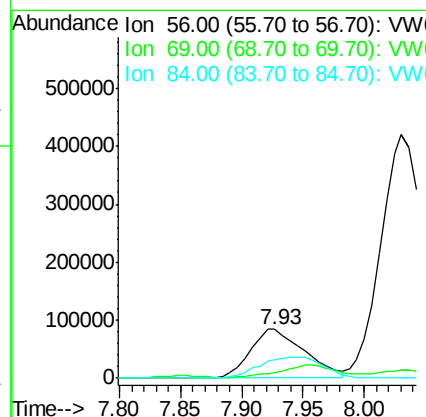
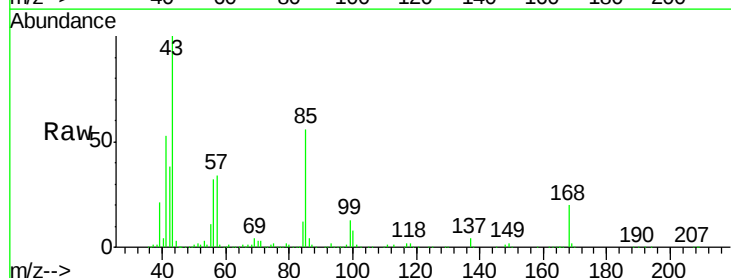
Instrument :
MSVOA_W
ClientSampleId :
B-2(8-9)

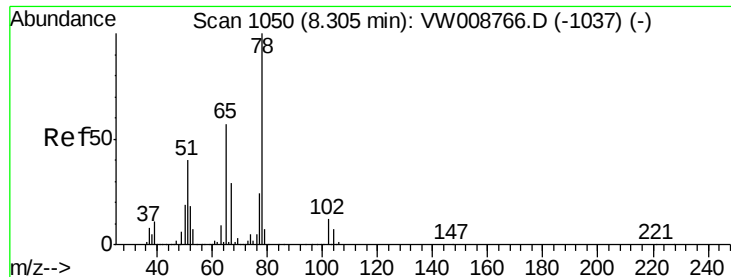
Tot Ion: 83 Resp: 15616
Ion Ratio Lower Upper
83 100
85 0.0 52.6 79.0#



#31
Cyclohexane
Concen: 41.418 ug/l
RT: 7.93 min Scan# 988
Delta R.T. -0.02 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

Tgt Ion: 56 Resp: 256713
Ion Ratio Lower Upper
56 100
69 6.9 28.2 42.4#
84 38.1 74.1 111.1#

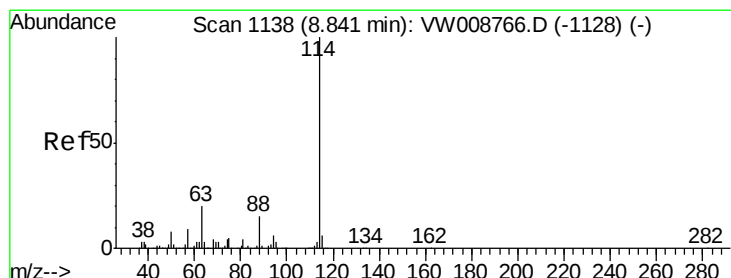
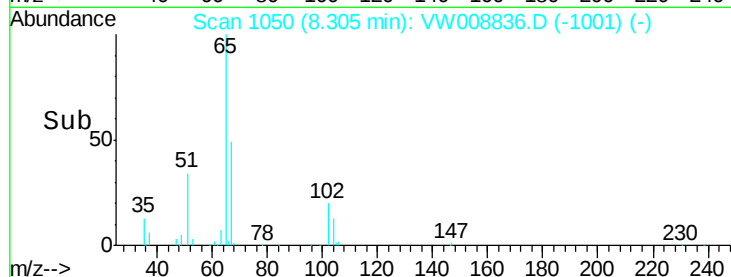
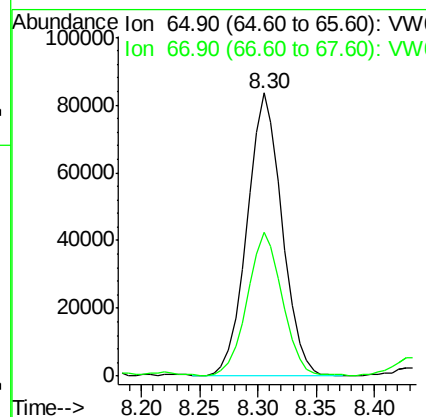
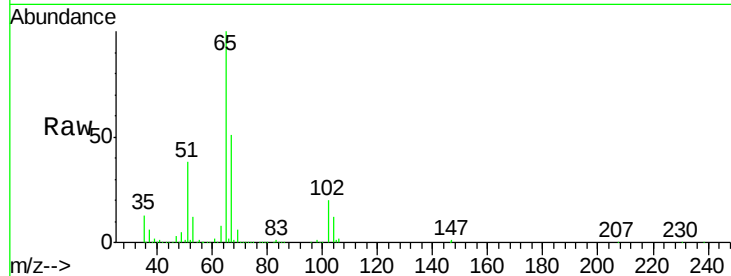




#33
 1,2-Dichloroethane-d4
 Concen: 52.896 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

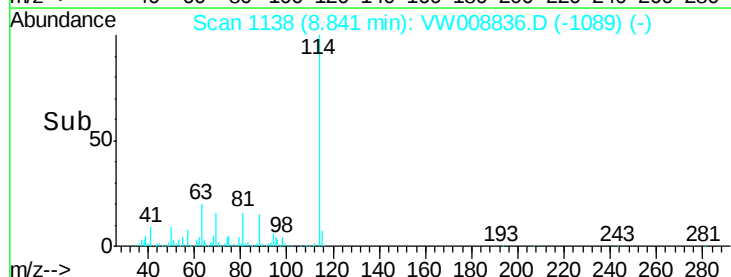
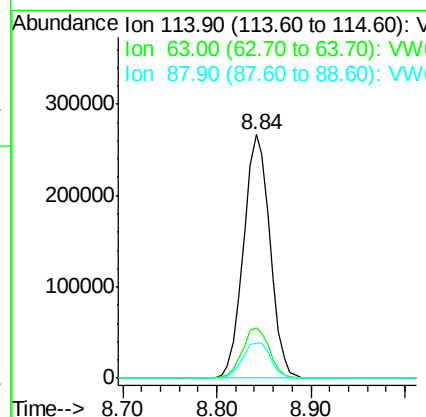
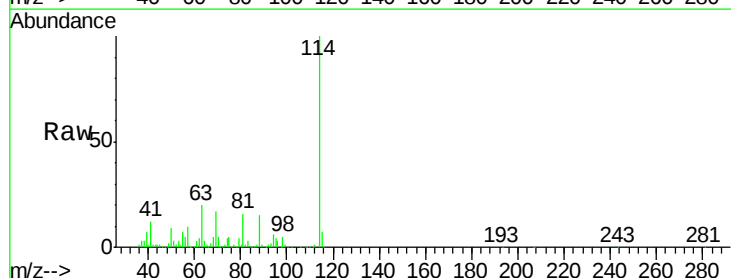
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(8-9)

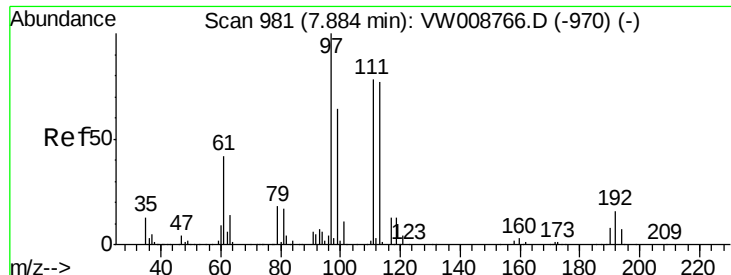
Tot Ion: 65 Resp: 173905
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Tgt Ion: 114 Resp: 521594
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 14.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.435 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

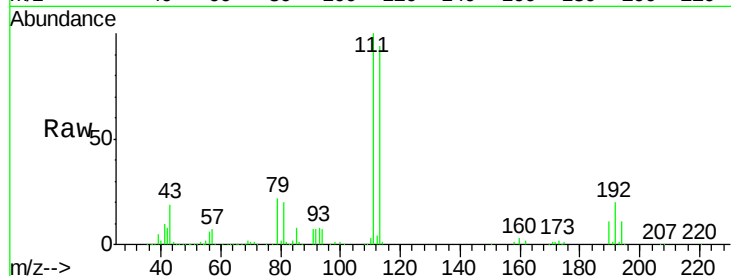
Tot Ion:113 Resp: 154817

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

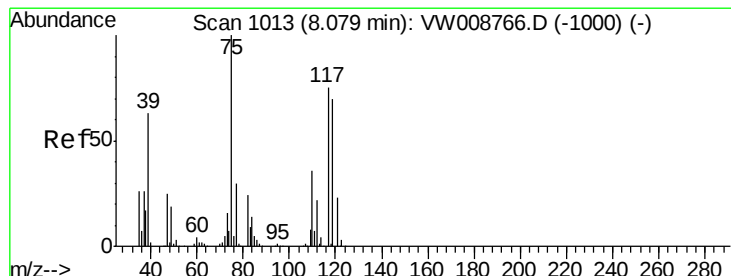
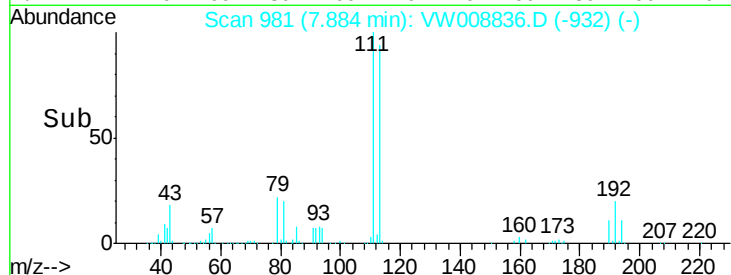
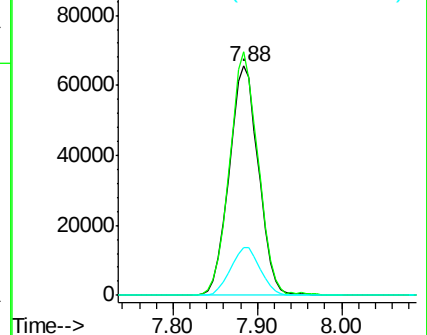
192 21.1 17.1 25.7



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: 4.944 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

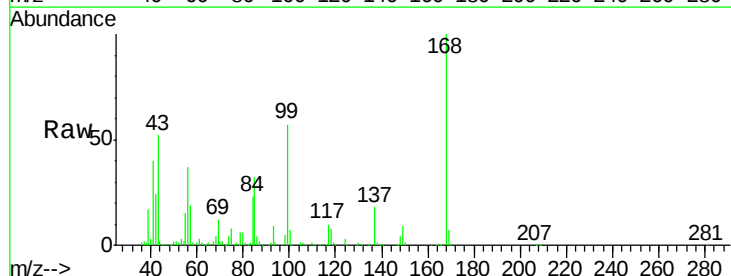
Tgt Ion: 75 Resp: 25102

Ion Ratio Lower Upper

75 100

110 12.7 17.5 52.6#

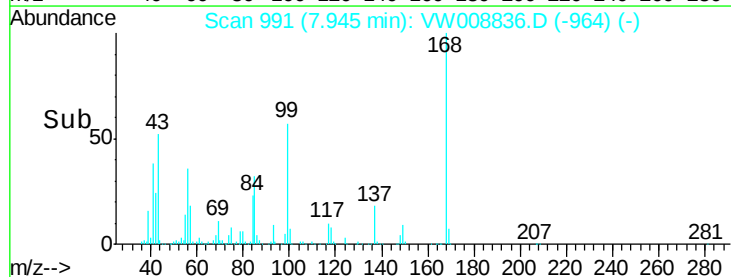
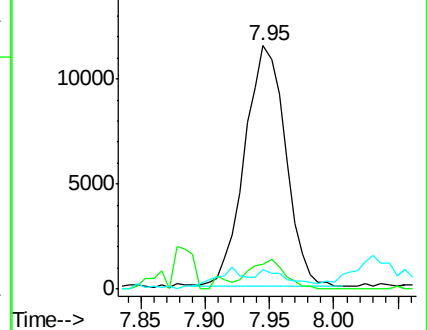
77 6.2 24.5 36.7#

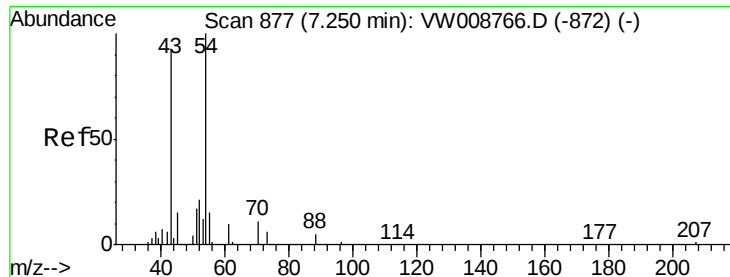


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 10.580 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.09 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

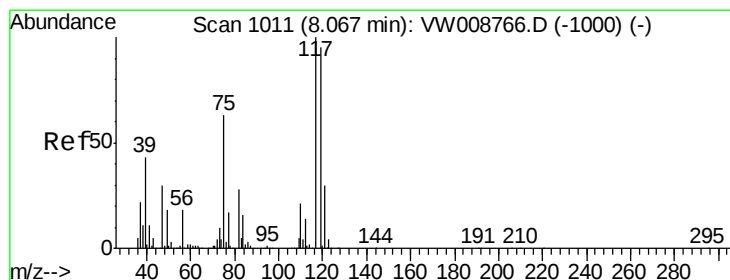
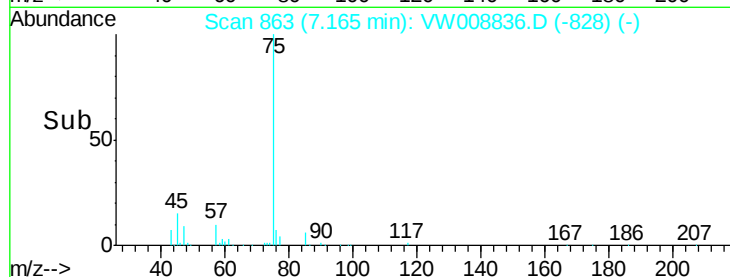
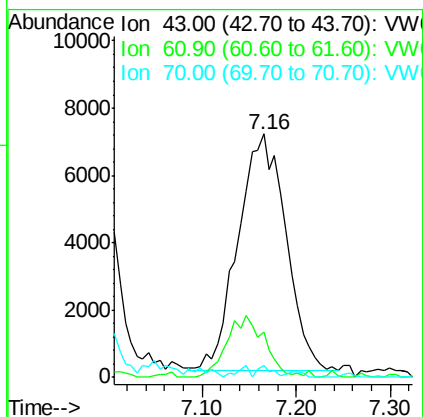
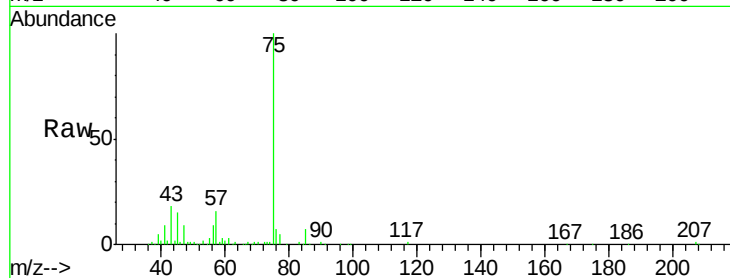
Tot Ion: 43 Resp: 24981

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 1.5 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 6.210 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

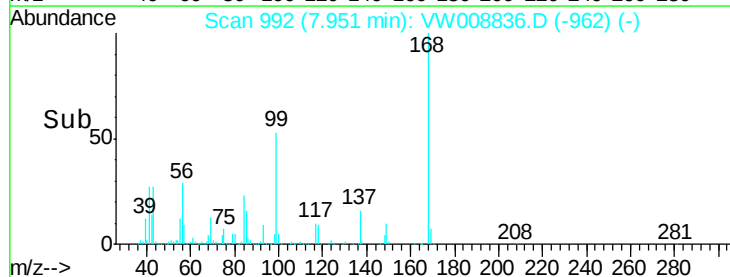
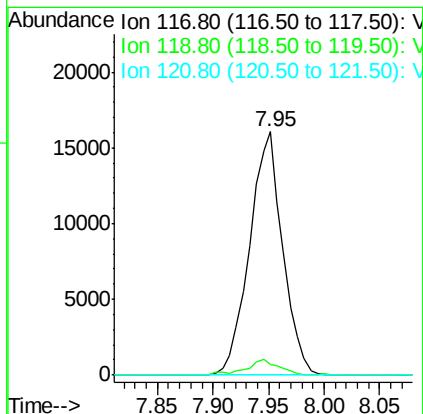
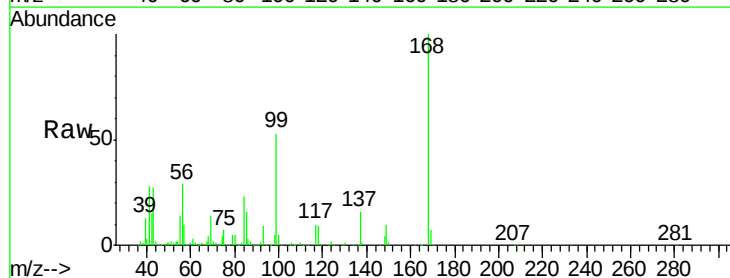
Tgt Ion: 117 Resp: 33250

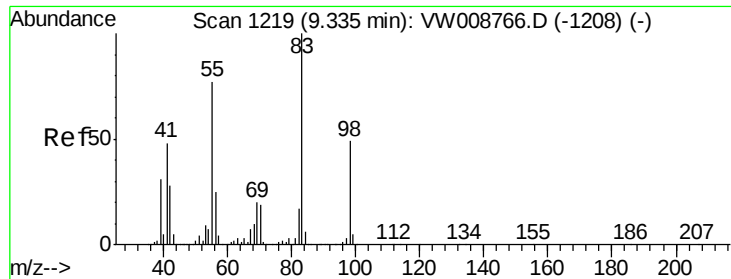
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.0 36.0#

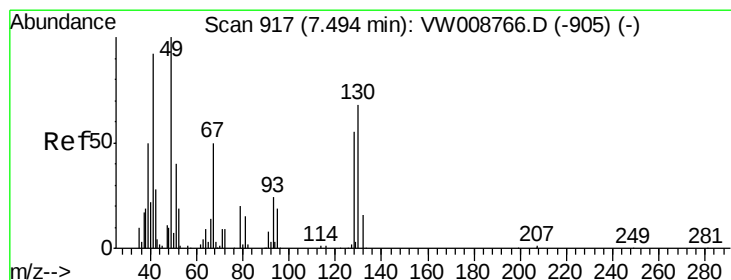
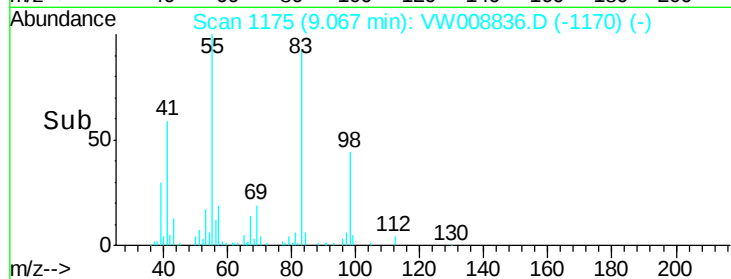
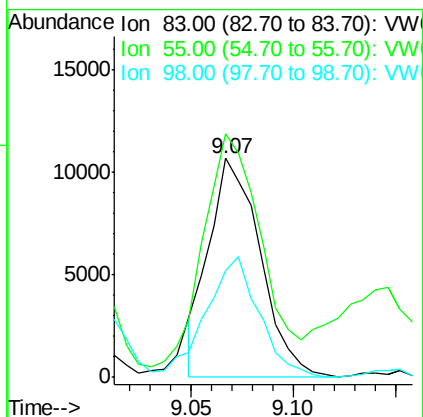
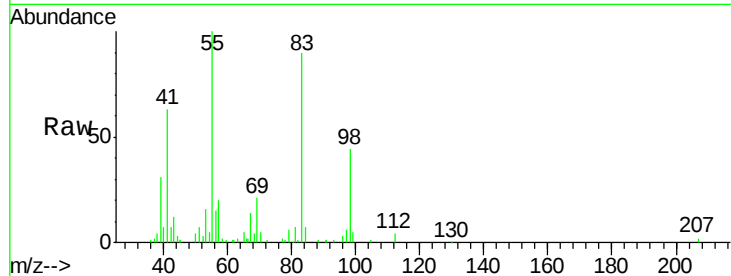




#39
Methylcyclohexane
Concen: 2.959 ug/l
RT: 9.07 min Scan# 1175
Delta R.T. -0.27 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

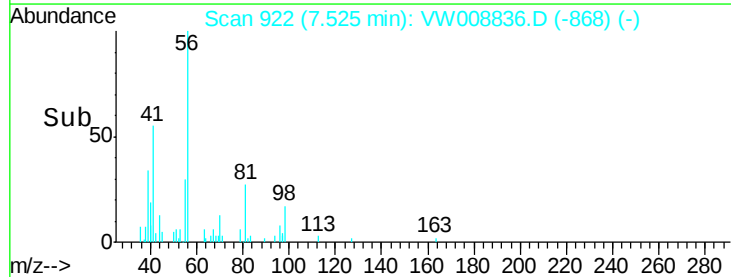
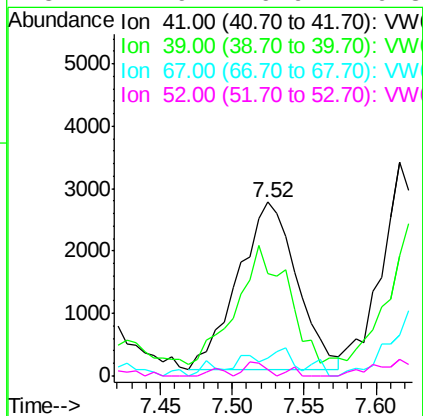
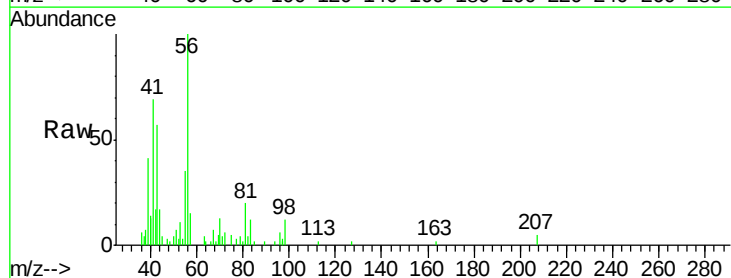
Instrument :
MSVOA_W
ClientSampleId :
B-2(8-9)

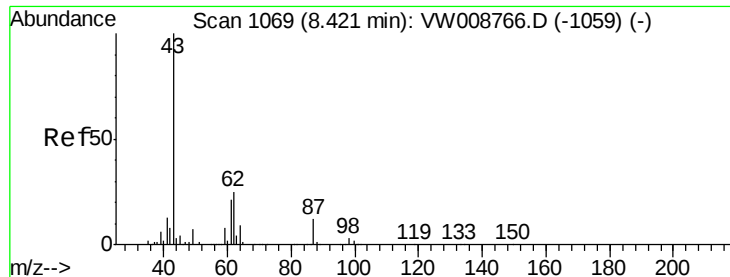
Tot Ion: 83 Resp: 18739
Ion Ratio Lower Upper
83 100
55 85.4 61.2 91.8
98 48.6 39.4 59.2



#41
Methacrylonitrile
Concen: 5.498 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.03 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

Tgt Ion: 41 Resp: 7631
Ion Ratio Lower Upper
41 100
39 61.7 52.5 78.7
67 0.0 55.0 82.6#
52 2.9 26.9 40.3#





#43

Isopropyl Acetate

Concen: 37.788 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

B-2(8-9)

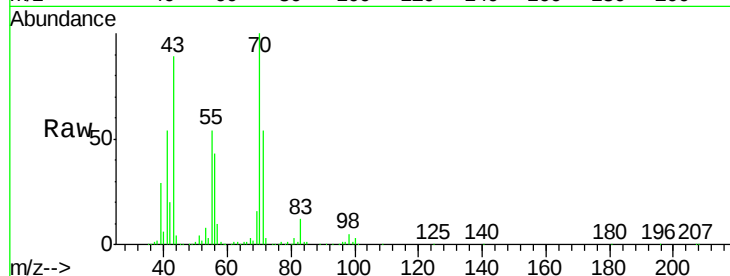
Tot Ion: 43 Resp: 178068

Ion Ratio Lower Upper

43 100

61 0.4 23.2 34.8#

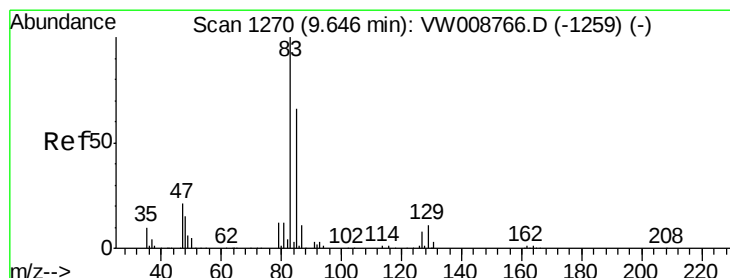
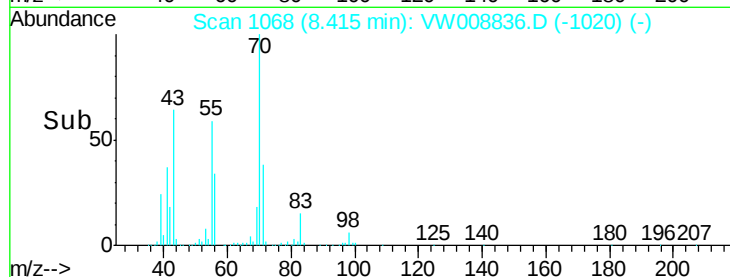
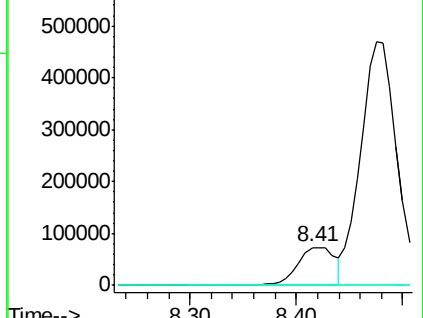
87 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#47

Bromodichloromethane

Concen: 9.320 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

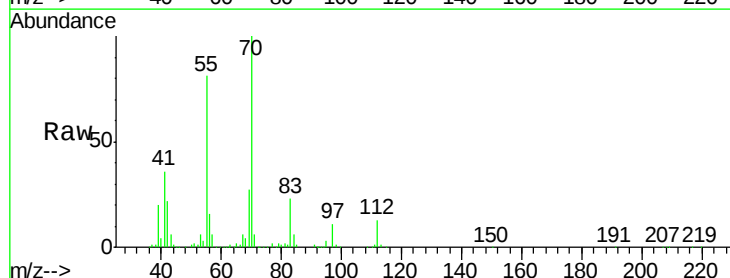
Tgt Ion: 83 Resp: 43207

Ion Ratio Lower Upper

83 100

85 2.9 52.5 78.7#

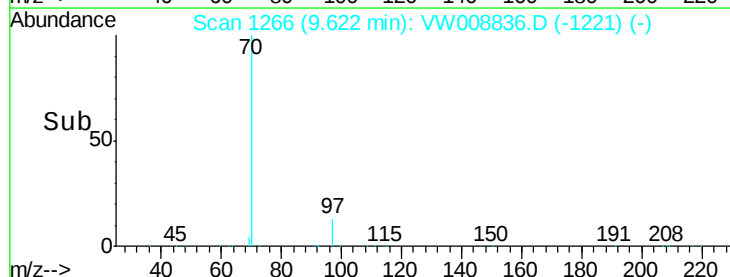
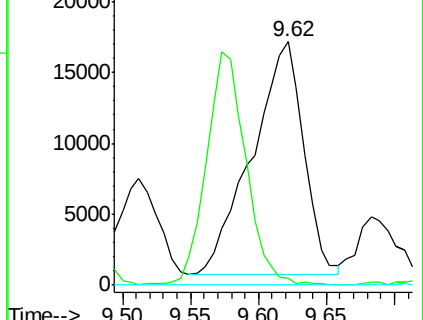
127 0.0 6.7 10.1#

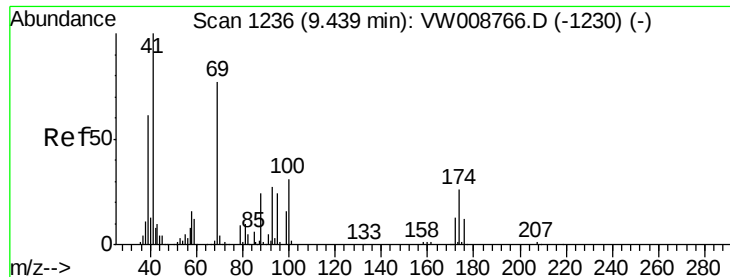


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

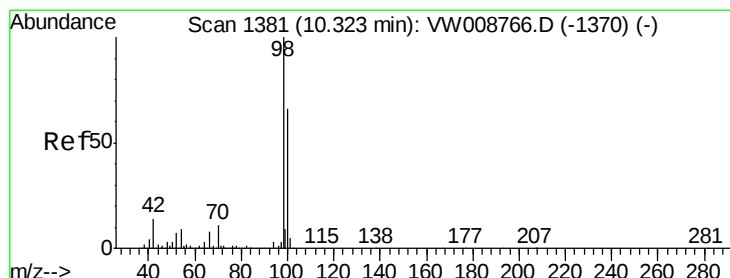
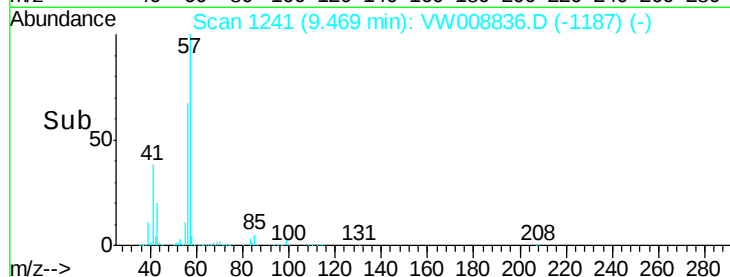
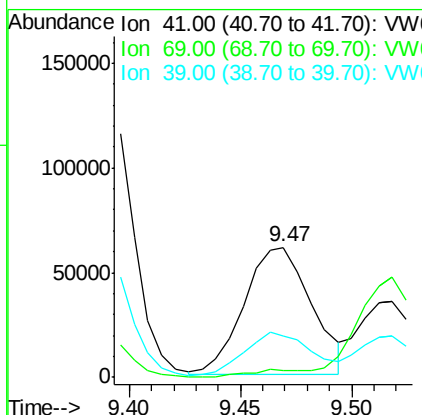
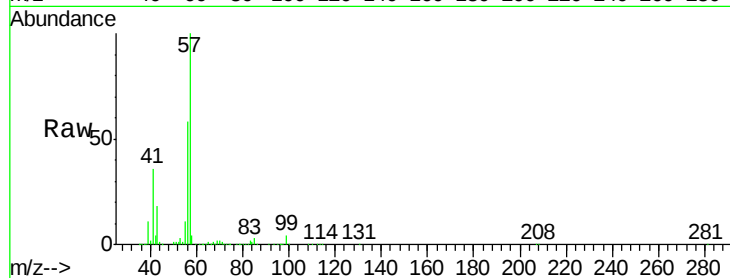




#48
Methvl methacrylate
Concen: 56.618 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

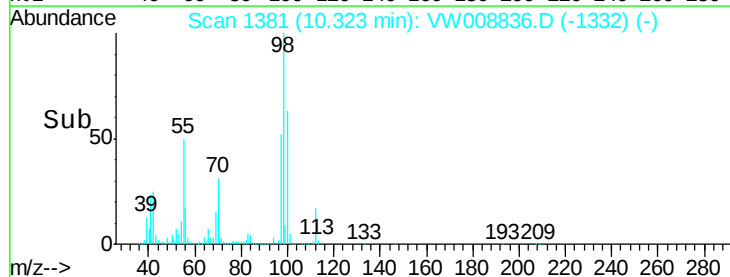
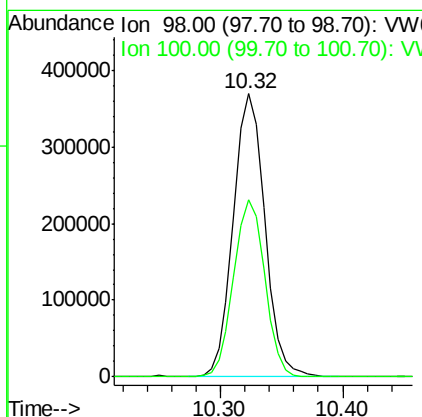
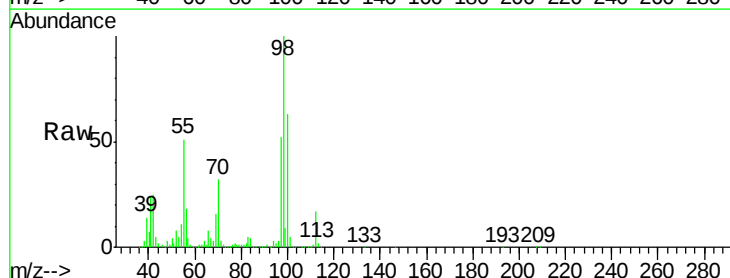
Instrument :
MSVOA_W
ClientSampleId :
B-2(8-9)

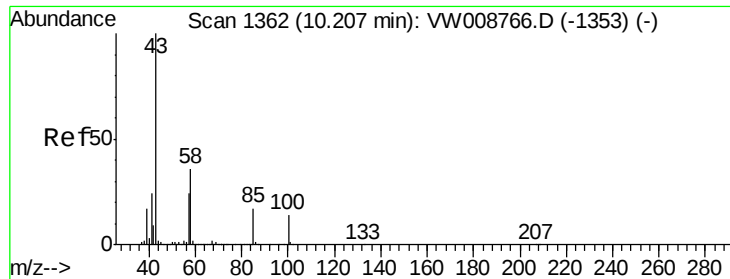
Tot Ion: 41 Resp: 127783
Ion Ratio Lower Upper
41 100
69 4.8 63.6 95.4#
39 33.1 52.1 78.1#



#50
Toluene-d8
Concen: 54.610 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

Tgt Ion: 98 Resp: 660195
Ion Ratio Lower Upper
98 100
100 61.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 116.022 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

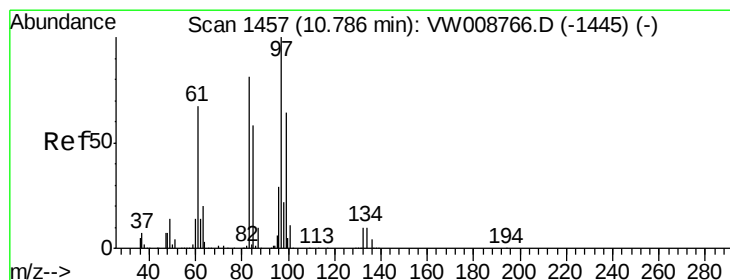
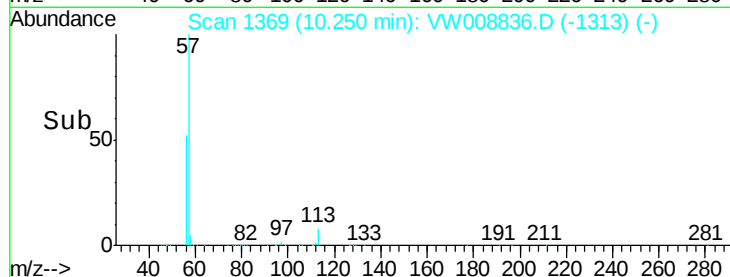
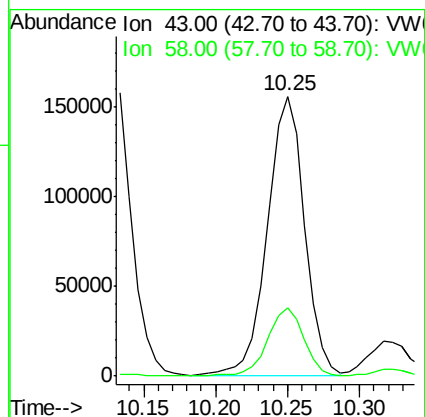
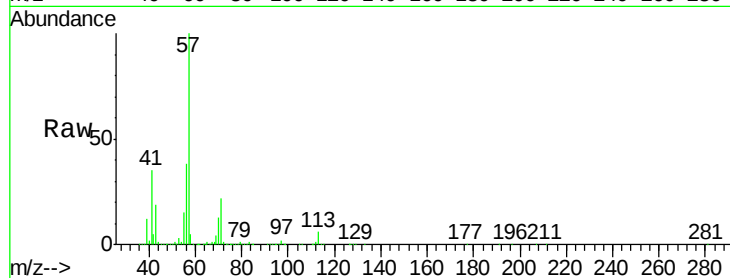
B-2(8-9)

Tot Ion: 43 Resp: 277574

Ion Ratio Lower Upper

43 100

58 24.5 29.1 43.7#



#55

1,1,2-Trichloroethane

Concen: 104.392 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion: 97 Resp: 269766

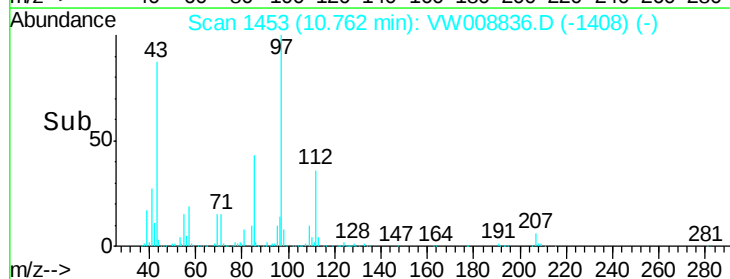
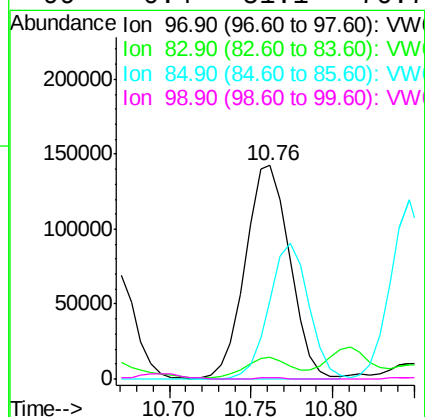
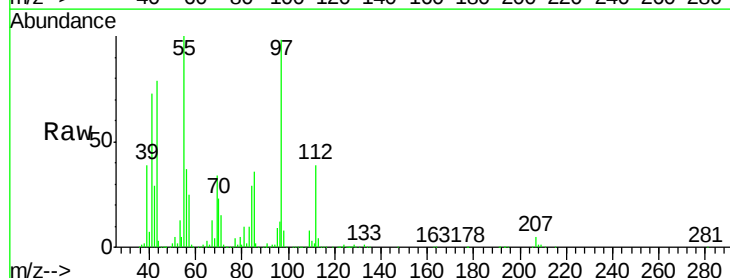
Ion Ratio Lower Upper

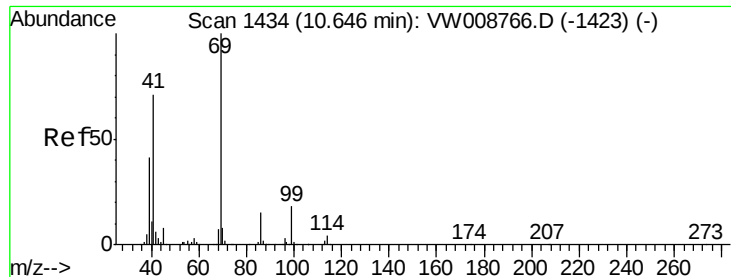
97 100

83 9.2 65.0 97.6#

85 36.3 46.0 69.0#

99 0.4 51.1 76.7#





#56

Ethyl methacrylate

Concen: 13.317 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

B-2(8-9)

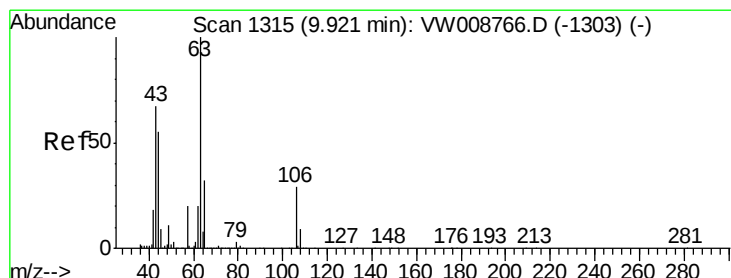
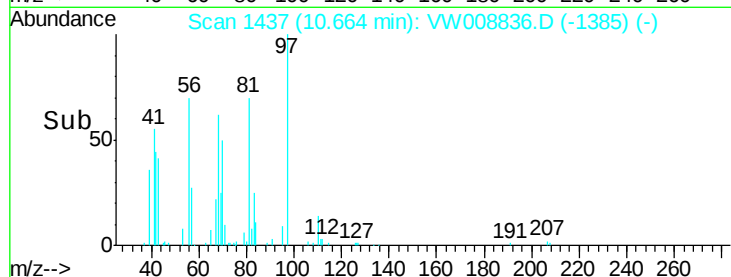
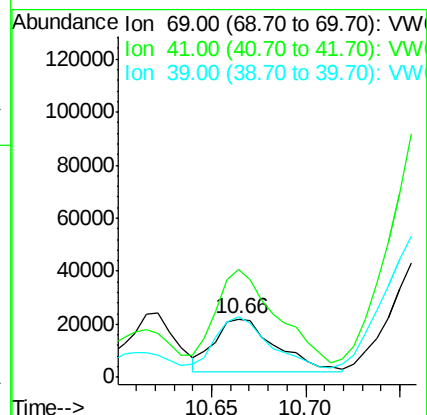
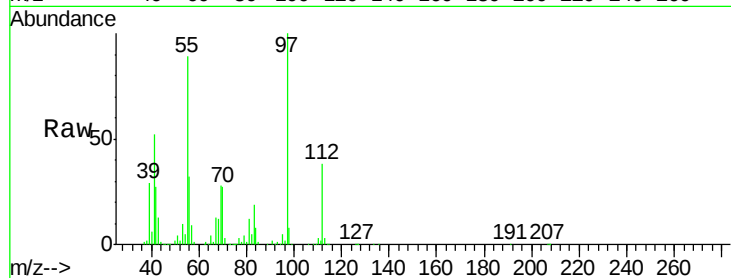
Tot Ion: 69 Resp: 44712

Ion Ratio Lower Upper

69 100

41 183.9 57.4 86.0#

39 93.7 34.8 52.2#



#58

2-Chloroethyl Vinyl ether

Concen: 7.798 ug/l

RT: 9.89 min Scan# 1310

Delta R.T. -0.03 min

Lab File: VW008836.D

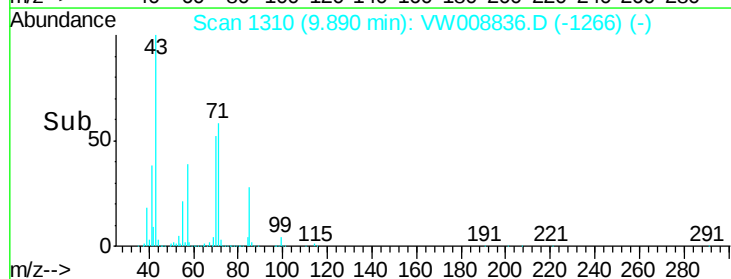
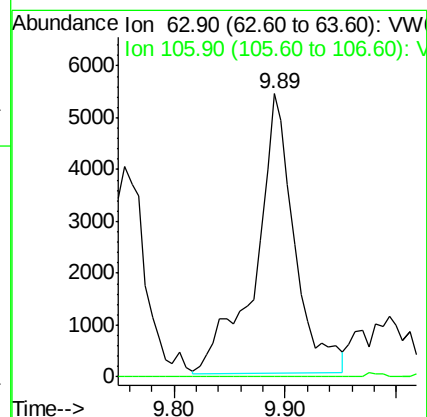
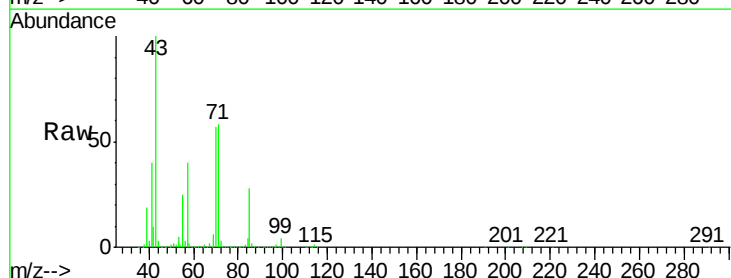
Acq: 26 Feb 2019 17:44

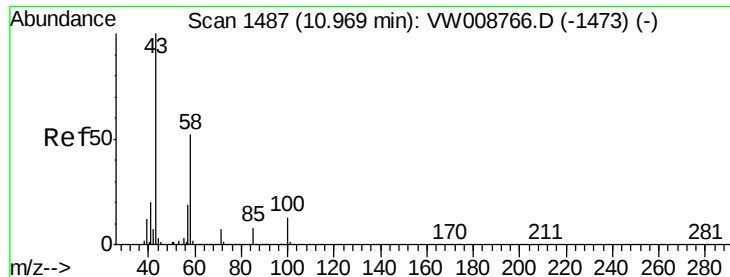
Tgt Ion: 63 Resp: 13168

Ion Ratio Lower Upper

63 100

106 0.0 24.0 36.0#





#59

2-Hexanone

Concen: 281.773 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

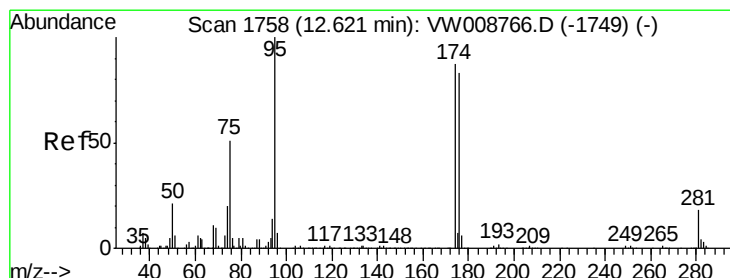
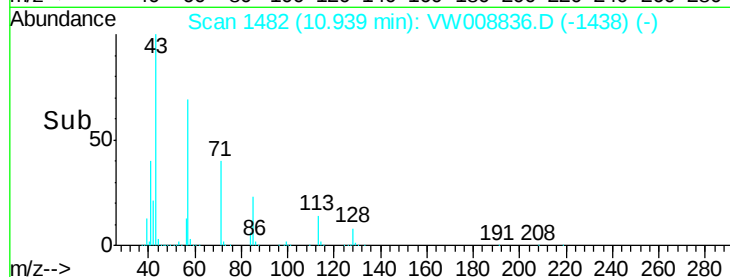
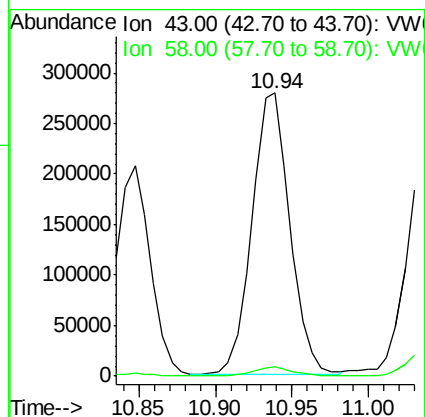
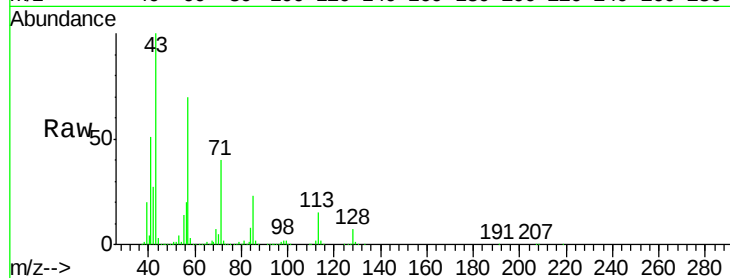
B-2(8-9)

Tot Ion: 43 Resp: 479869

Ion Ratio Lower Upper

43 100

58 3.4 25.3 75.8#



#62

4-Bromofluorobenzene

Concen: 58.195 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

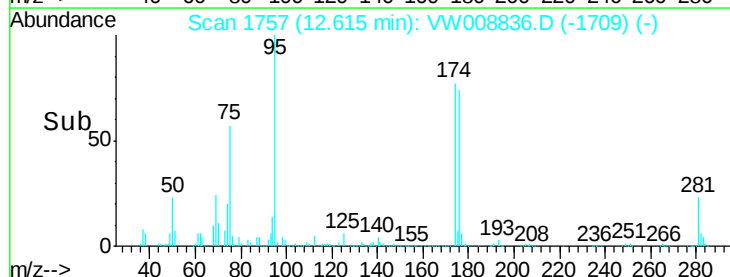
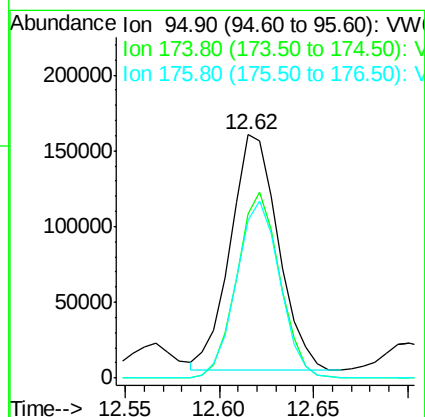
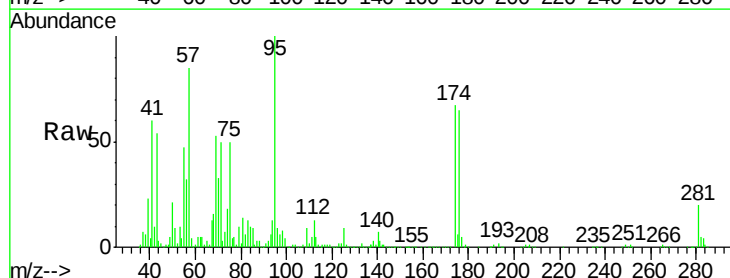
Tgt Ion: 95 Resp: 275463

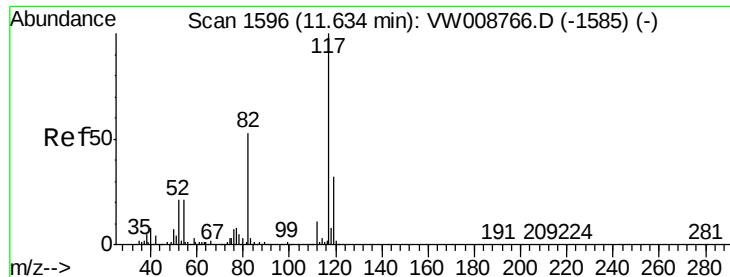
Ion Ratio Lower Upper

95 100

174 70.3 0.0 169.2

176 68.1 0.0 163.6

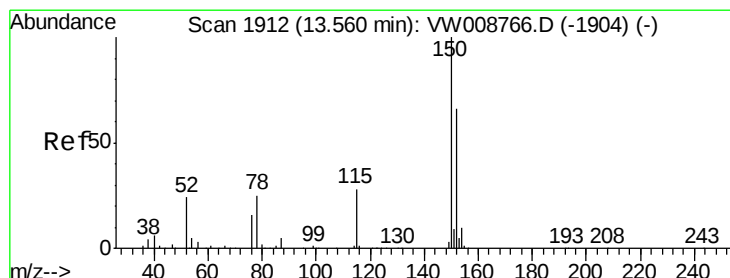
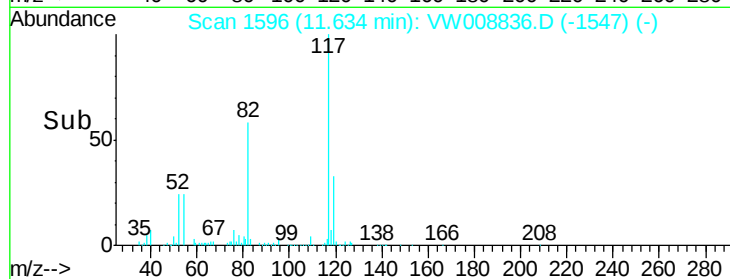
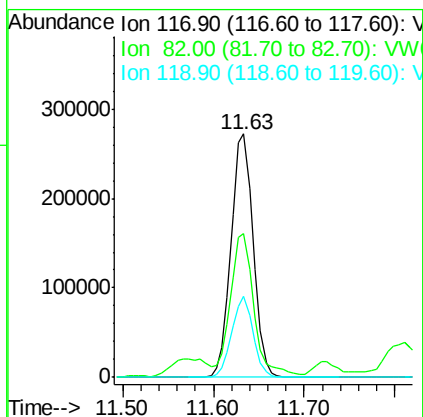
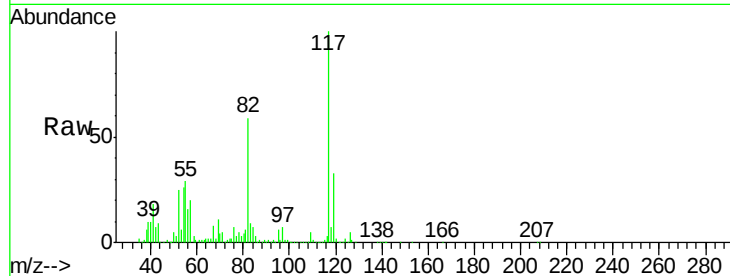




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

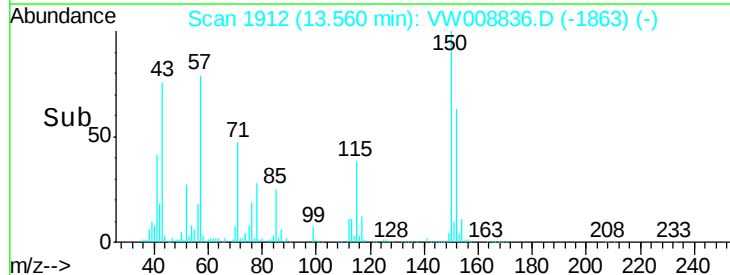
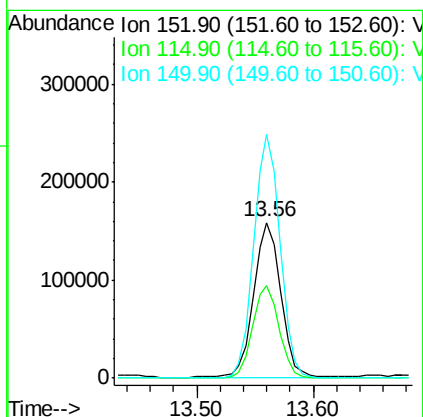
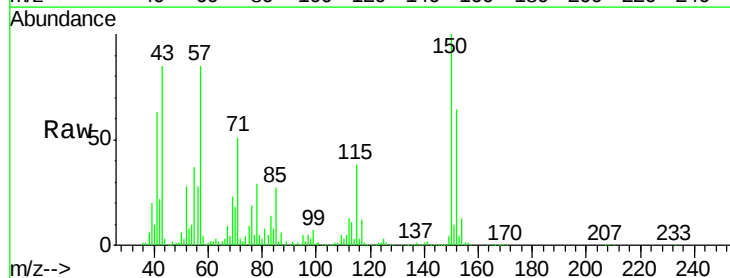
Instrument :
MSVOA_W
ClientSampleId :
B-2(8-9)

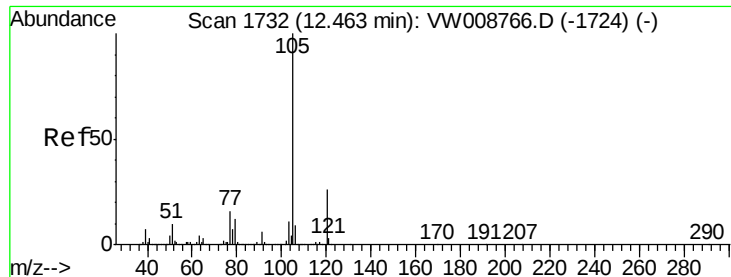
Tot Ion:117 Resp: 460776
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.4
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008836.D
Acq: 26 Feb 2019 17:44

Tgt Ion:152 Resp: 256871
Ion Ratio Lower Upper
152 100
115 58.2 28.6 85.8
150 152.3 0.0 348.0





#73

Isopropylbenzene

Concen: 1.922 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

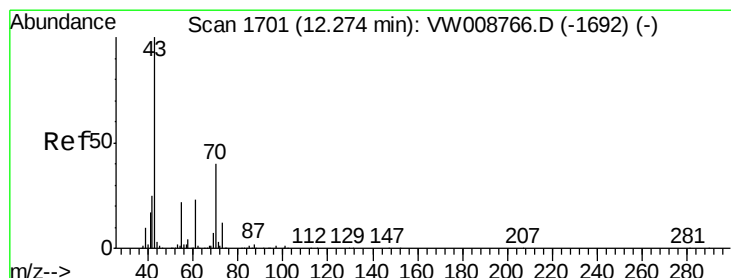
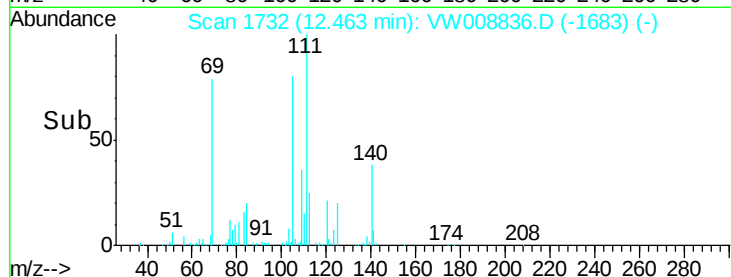
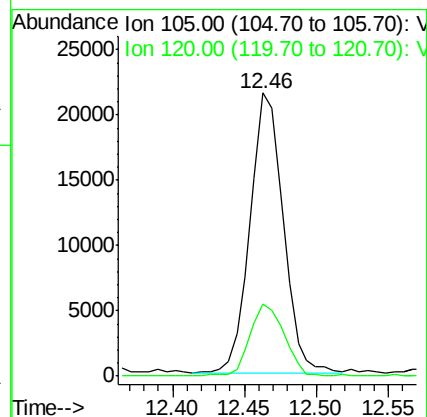
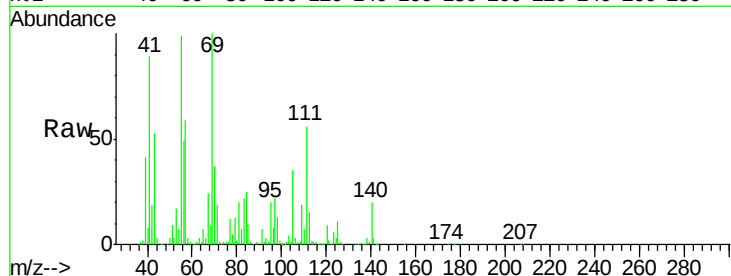
B-2(8-9)

Tot Ion: 105 Resp: 33851

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 99.852 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion: 43 Resp: 442918

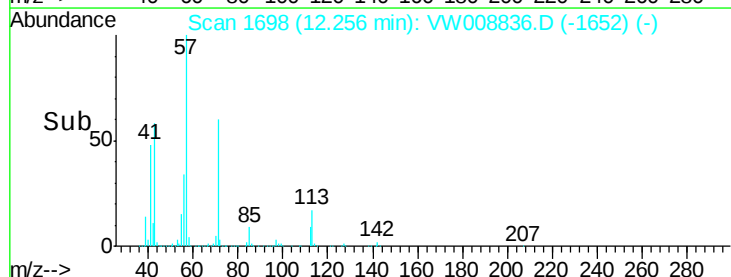
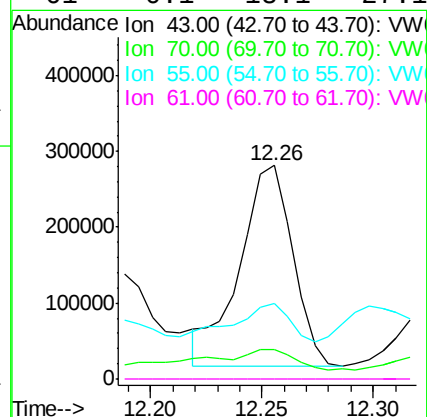
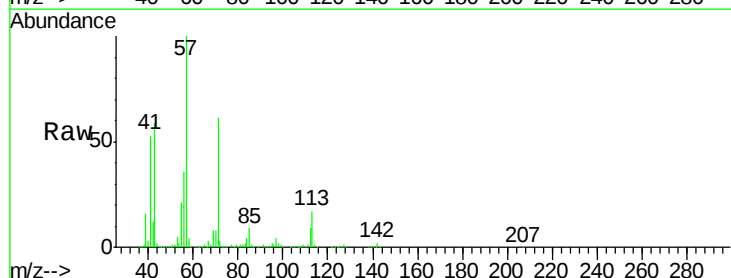
Ion Ratio Lower Upper

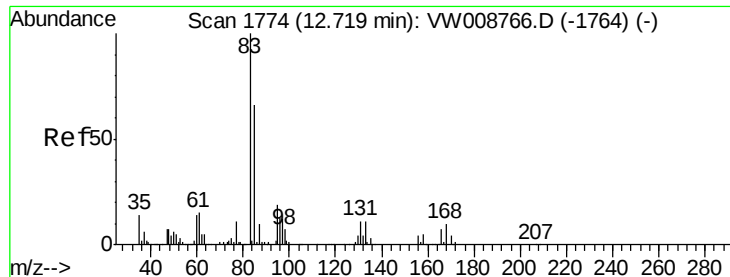
43 100

70 18.1 31.0 46.6#

55 20.7 18.7 28.1

61 0.1 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.065 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

B-2(8-9)

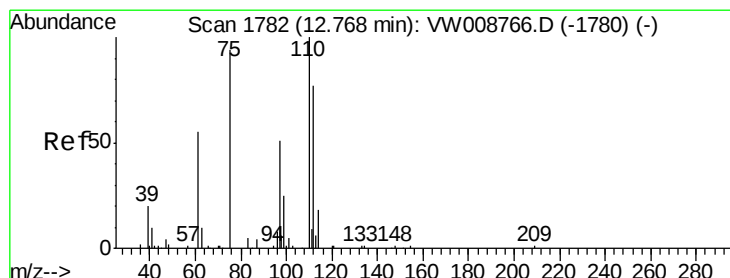
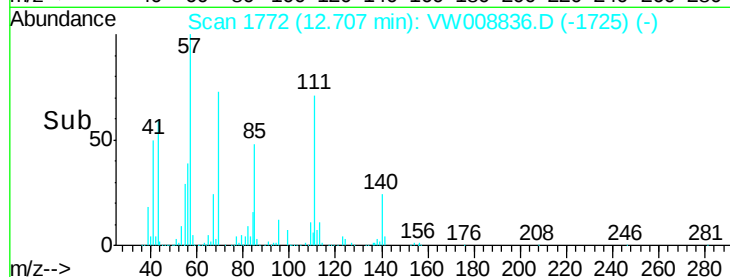
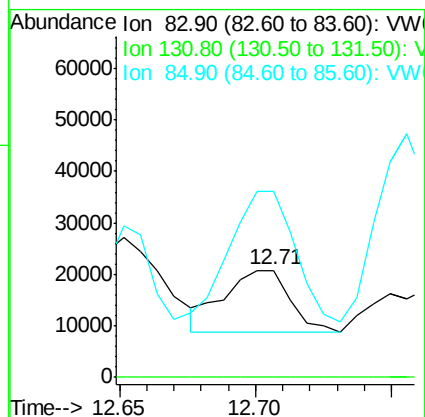
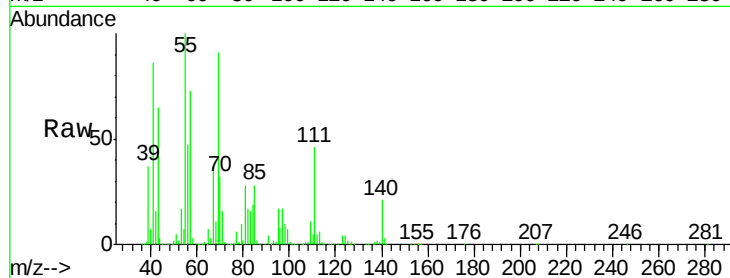
Tot Ion: 83 Resp: 20328

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 255.4 33.0 98.9#



#76

1,2,3-Trichloropropane

Concen: 63.604 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008836.D

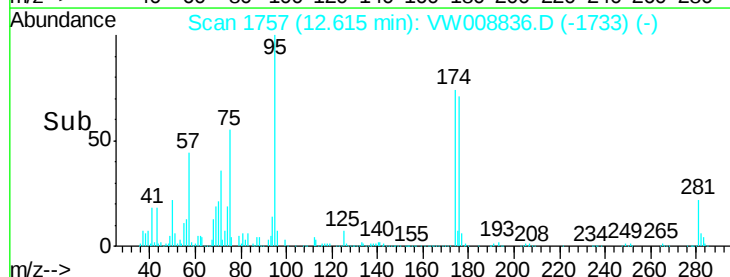
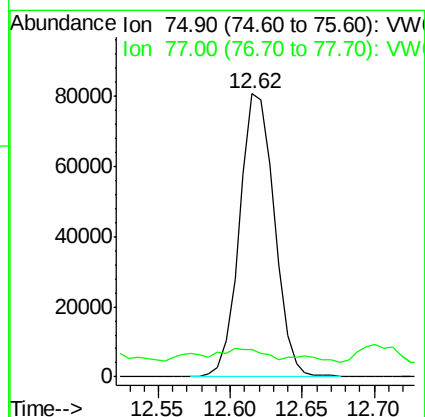
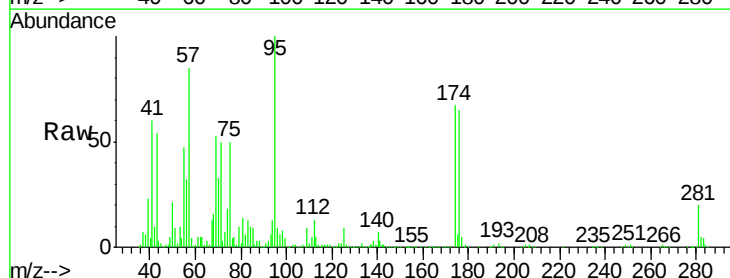
Acq: 26 Feb 2019 17:44

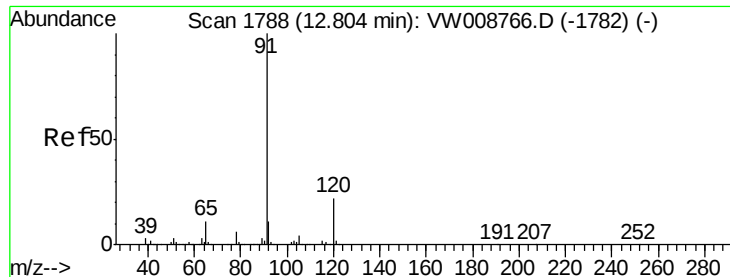
Tgt Ion: 75 Resp: 134892

Ion Ratio Lower Upper

75 100

77 5.5 0.0 0.0#





#78

n-propylbenzene

Concen: 8.766 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

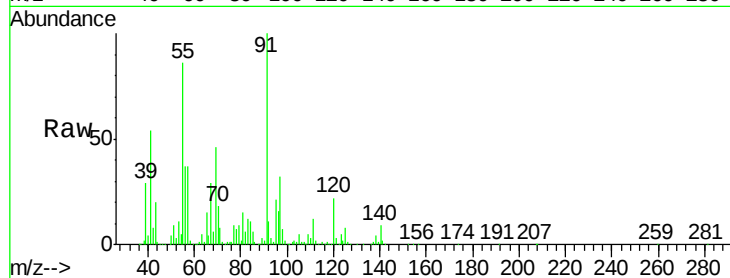
B-2(8-9)

Tot Ion: 91 Resp: 188822

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

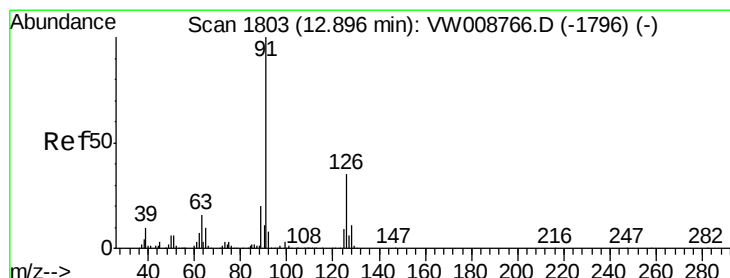
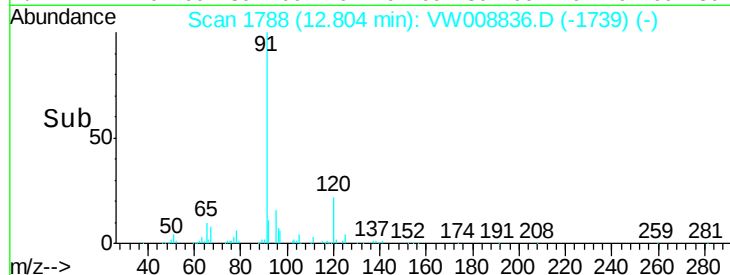
12.80

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 15.439 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW008836.D

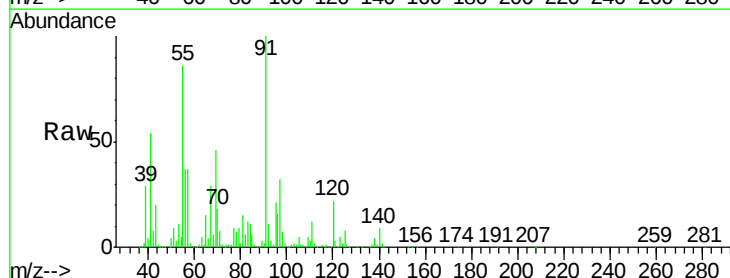
Acq: 26 Feb 2019 17:44

Tgt Ion: 91 Resp: 188822

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

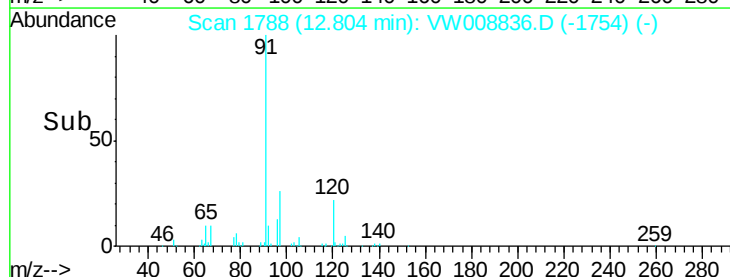
12.80

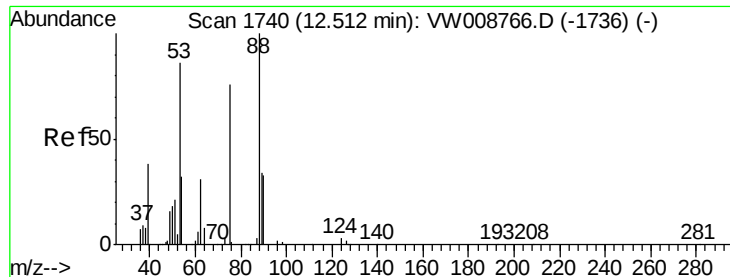
100000

50000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 154.626 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

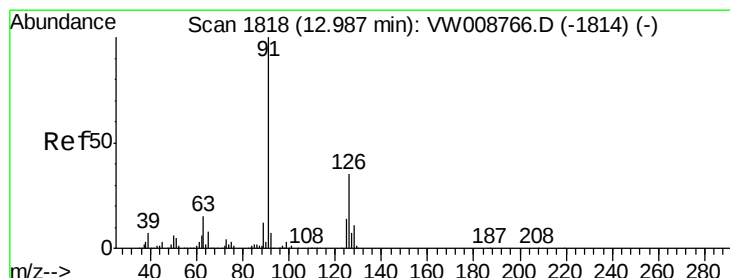
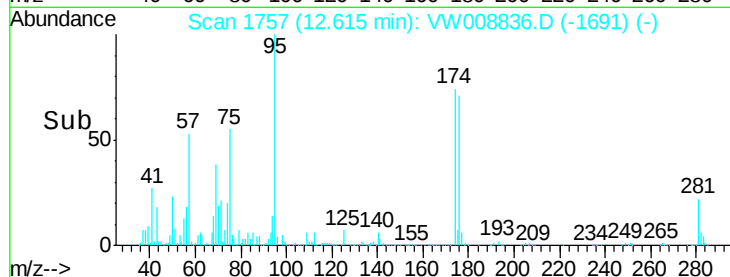
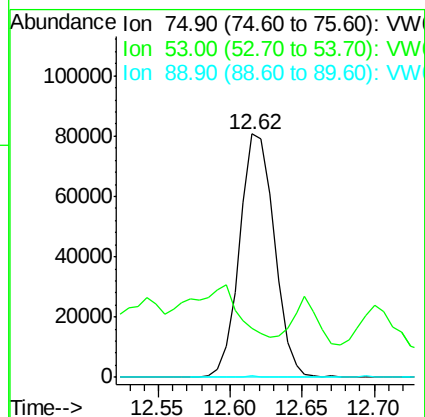
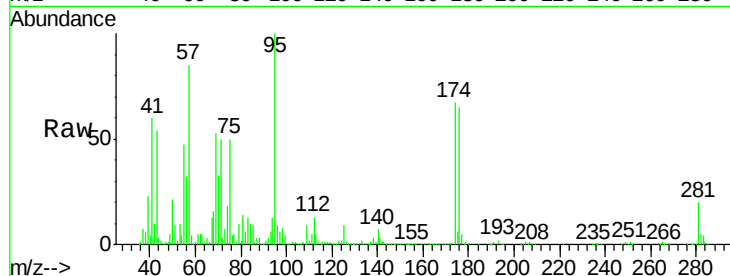
Tot Ion: 75 Resp: 134892

Ion Ratio Lower Upper

75 100

53 28.1 88.2 132.2#

89 0.5 39.5 59.3#



#82

4-Chlorotoluene

Concen: 14.651 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.18 min

Lab File: VW008836.D

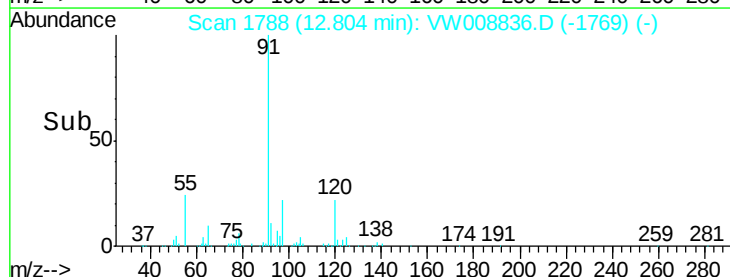
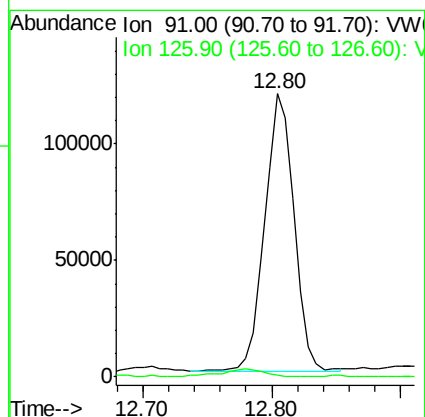
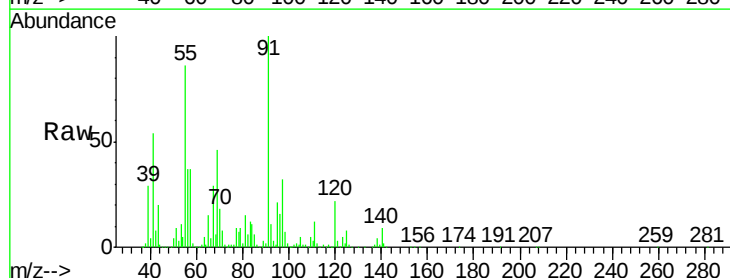
Acq: 26 Feb 2019 17:44

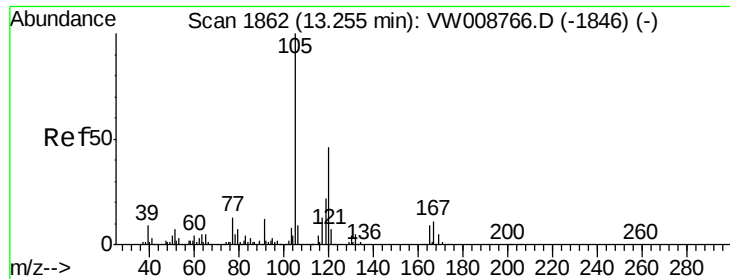
Tgt Ion: 91 Resp: 188822

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#

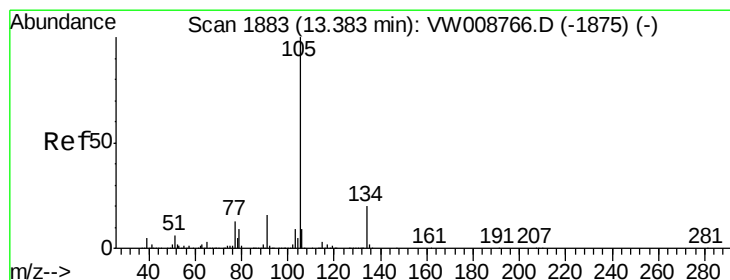
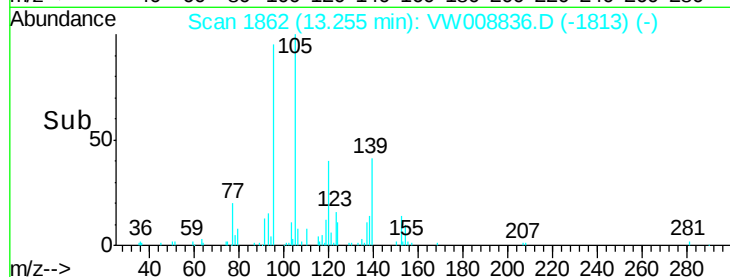
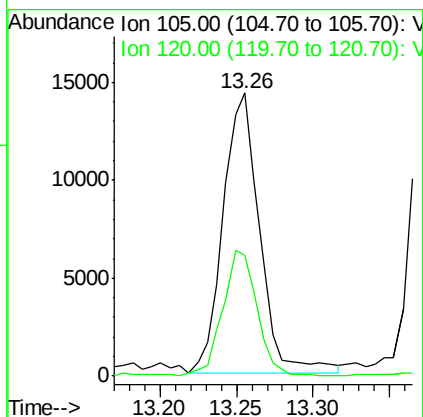
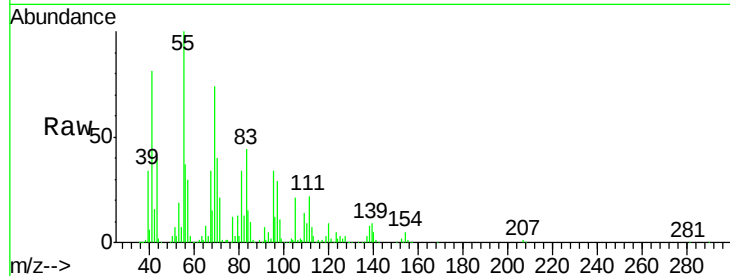




#84
 1,2,4-Trimethylbenzene
 Concen: 1.490 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

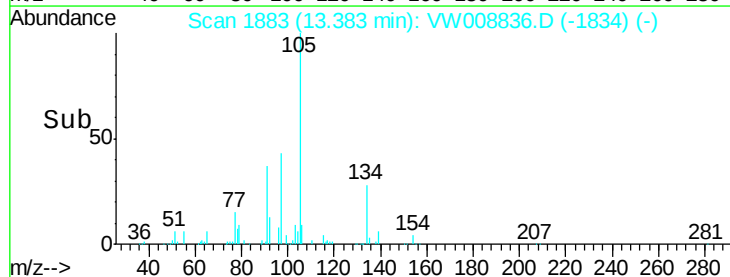
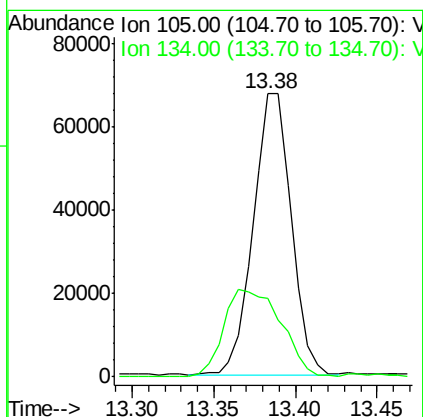
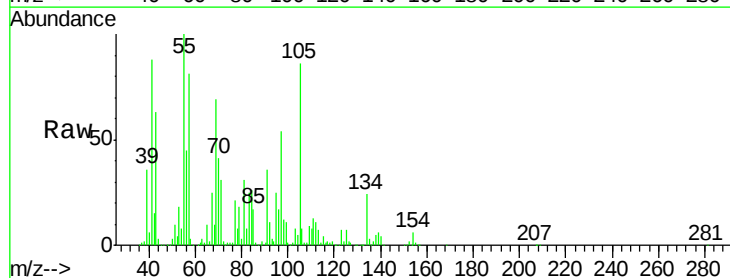
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(8-9)

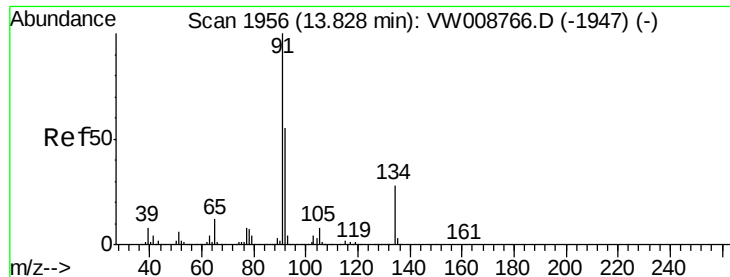
Tot Ion:105 Resp: 23610
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 5.755 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Tgt Ion:105 Resp: 109496
 Ion Ratio Lower Upper
 105 100
 134 46.9 10.4 31.1#





#89

n-Butylbenzene

Concen: 9.402 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

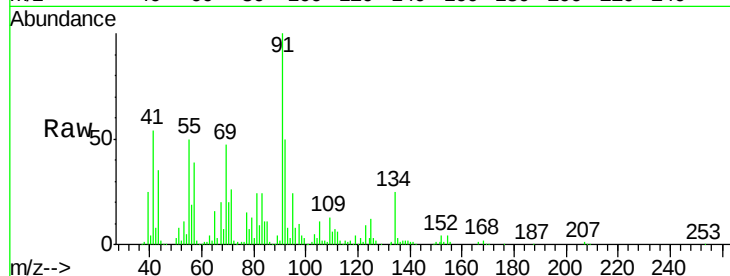
Tot Ion: 91 Resp: 153626

Ion Ratio Lower Upper

91 100

92 44.8 26.8 80.4

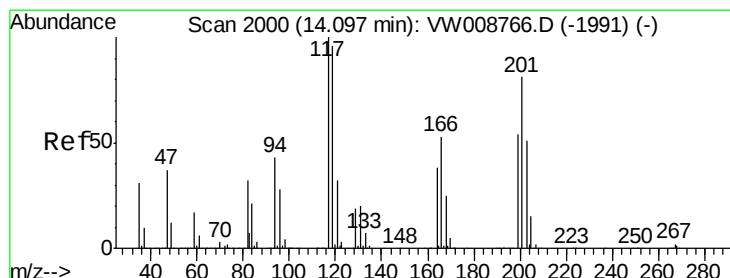
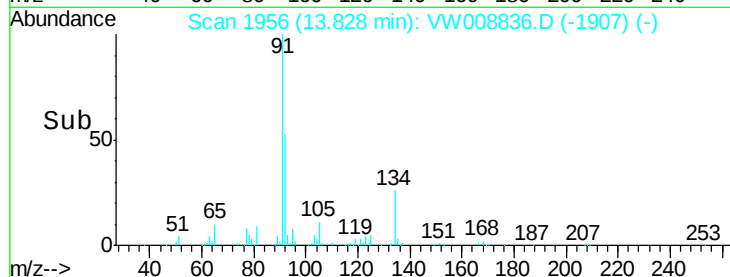
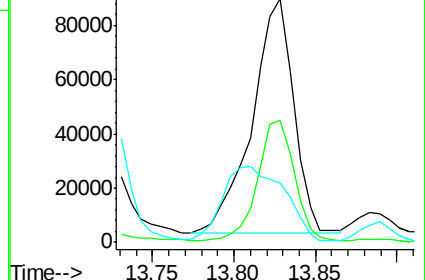
134 47.9 13.5 40.4#



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: 15.645 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008836.D

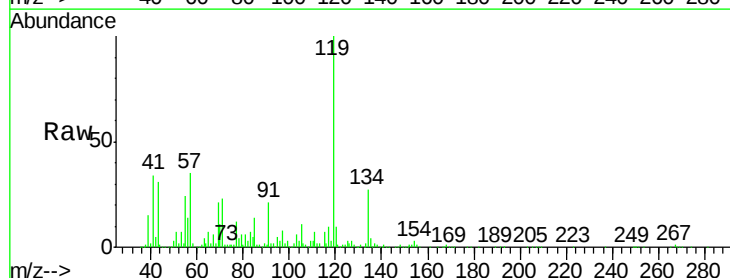
Acq: 26 Feb 2019 17:44

Tgt Ion: 117 Resp: 44673

Ion Ratio Lower Upper

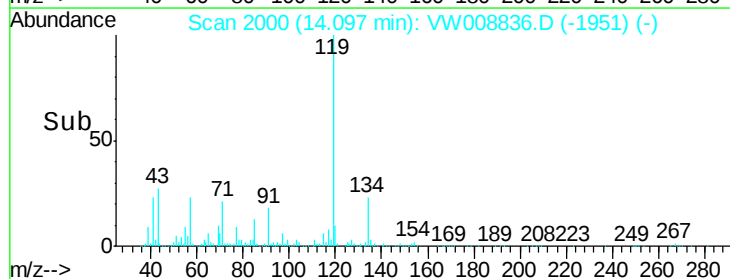
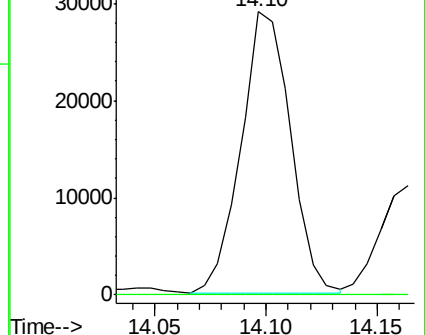
117 100

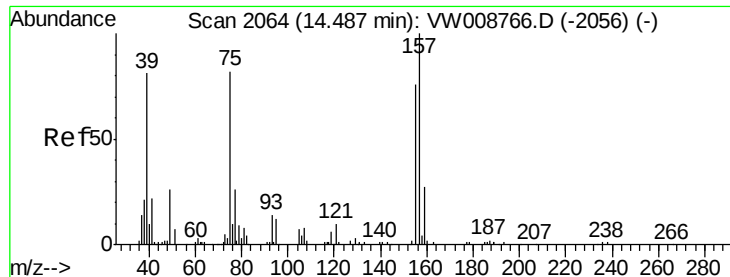
201 0.0 40.3 120.8#



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: 9.443 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

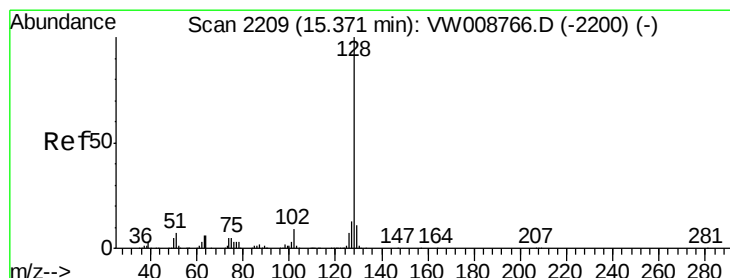
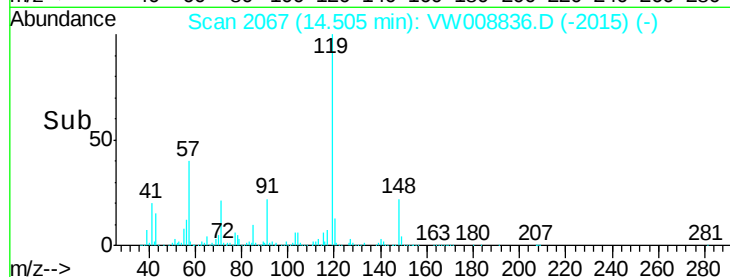
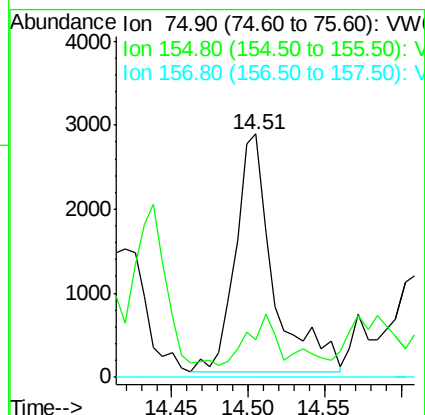
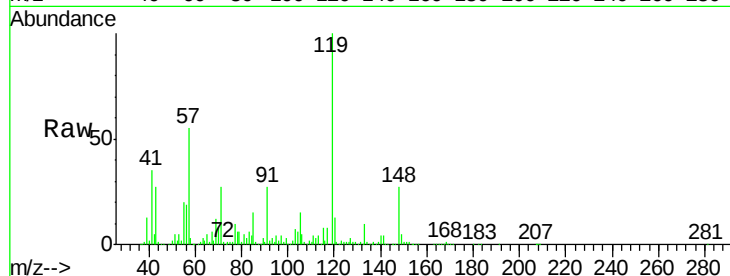
Tot Ion: 75 Resp: 4915

Ion Ratio Lower Upper

75 100

155 16.0 41.8 125.4#

157 0.0 56.6 169.9#



#95

Naphthalene

Concen: 1.416 ug/l

RT: 15.33 min Scan# 2203

Delta R.T. -0.04 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion: 128 Resp: 13359

Ion Ratio Lower Upper

128 100

127 64.8 10.8 16.2#

129 82.1 8.7 13.1#

