

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008835.D
 Acq On : 26 Feb 2019 17:17
 Operator : SY/VA
 Sample : K1594-22
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1(8-9)

Quant Time: Feb 27 05:59:40 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	283479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151467	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	
35) Dibromofluoromethane	7.88	113	128283	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.32	98	543880	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.62	95	190434	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.68	74	2300	1.570	ug/l	84
11) Tert butyl alcohol	5.12	59	11801	49.856	ug/l #	70
13) Acrolein	4.10	56	8841	52.389	ug/l	89
14) Allyl chloride	4.89	41	56178	13.114	ug/l #	58
15) Acrylonitrile	5.43	53	8315	13.223	ug/l #	36
16) Acetone	4.12	43	56087	91.009	ug/l	90
17) Carbon Disulfide	4.37	76	20737	2.518	ug/l	97
18) Methyl Acetate	4.89	43	115058	78.712	ug/l #	51
20) Methylene Chloride	4.92	84	36975	7.875	ug/l	88
25) 2-Butanone	7.15	43	14014	16.265	ug/l #	65
26) 2,2-Dichloropropane	7.15	77	7987	1.777	ug/l #	54
29) Tetrahydrofuran	7.53	42	2226	4.054	ug/l #	93
31) Cyclohexane	7.93	56	19612	3.913	ug/l #	65
36) 1,1-Dichloropropene	7.95	75	20605	4.815	ug/l #	53
37) Ethyl Acetate	7.15	43	14540	7.307	ug/l #	55
38) Carbon Tetrachloride	7.95	117	27799	6.160	ug/l #	15
39) Methylcyclohexane	9.06	83	13042	2.444	ug/l	94
43) Isopropyl Acetate	8.41	43	44488	11.202	ug/l #	52
47) Bromodichloromethane	9.62	83	26479	6.777	ug/l #	25
48) Methyl methacrylate	9.46	41	17065	8.972	ug/l #	32
49) 1,4-Dioxane	9.45	88	40	1.555	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	44984	22.311	ug/l #	78
55) 1,1,2-Trichloroethane	10.76	97	100233	46.024	ug/l #	25
56) Ethyl methacrylate	10.66	69	13126	4.639	ug/l #	1
59) 2-Hexanone	10.93	43	48931	34.092	ug/l #	33
61) 1,2-Dibromoethane	11.21	107	2219	1.029	ug/l #	1
74) N-amyl acetate	12.26	43	19567	6.055	ug/l #	61
76) 1,2,3-Trichloropropane	12.62	75	97178	62.898	ug/l #	100
78) n-propylbenzene	12.80	91	32464	2.069	ug/l	97
79) 2-Chlorotoluene	12.80	91	32464	3.644	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.62	75	97178	152.911	ug/l #	6
82) 4-Chlorotoluene	12.80	91	32464	3.458	ug/l #	44
90) Hexachloroethane	14.10	117	3324	1.598	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	380	1.002	ug/l #	1

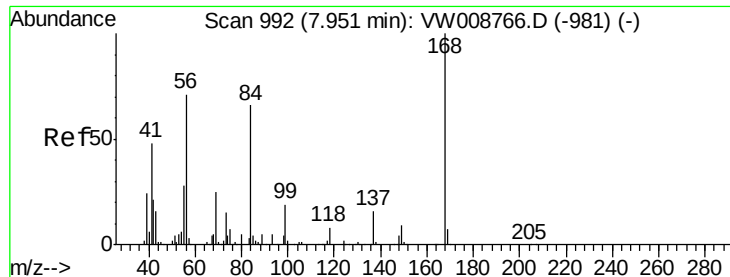
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008835.D
Acq On : 26 Feb 2019 17:17
Operator : SY/VA
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Instrument :
MSVOA_W
ClientSampleId :
B-1(8-9)

Quant Time: Feb 27 05:59:40 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)
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(#) = 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: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

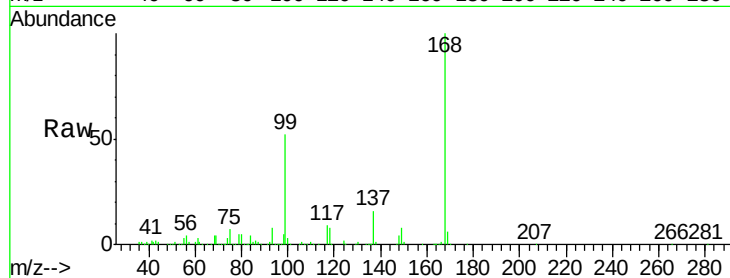
B-1(8-9)

Tot Ion:168 Resp: 283479

Ion Ratio Lower Upper

168 100

99 51.8 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

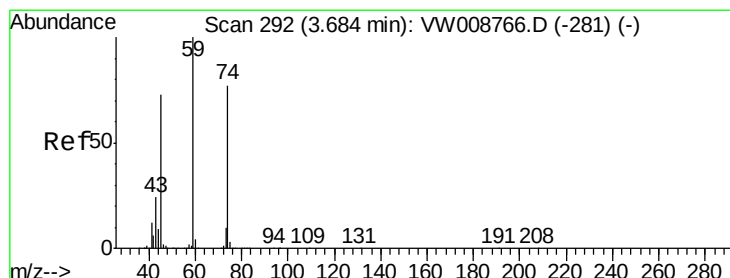
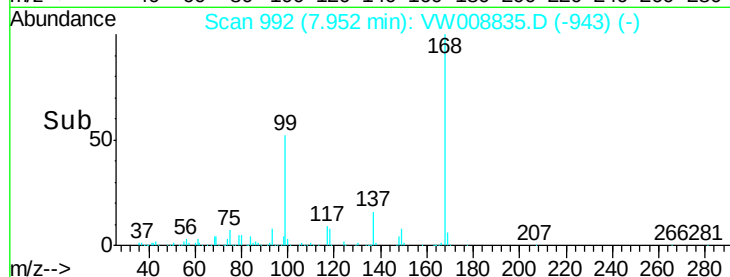
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.570 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW008835.D

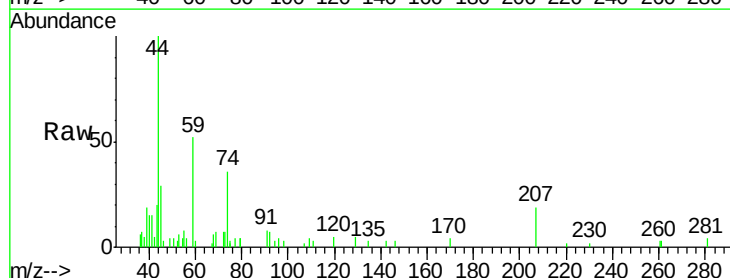
Acq: 26 Feb 2019 17:17

Tgt Ion: 74 Resp: 2300

Ion Ratio Lower Upper

74 100

45 116.2 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

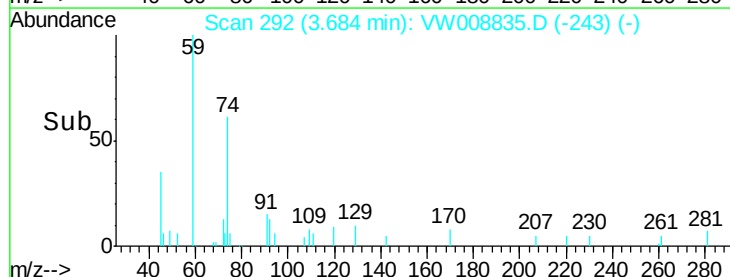
600

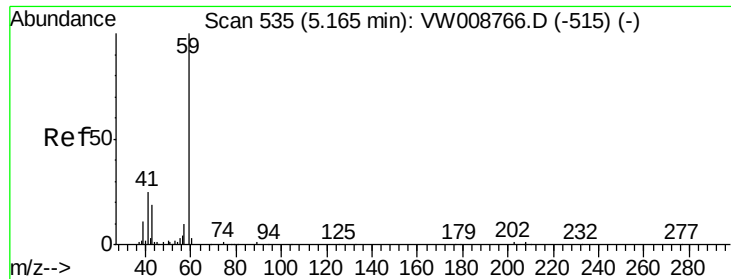
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200

0

Time-->

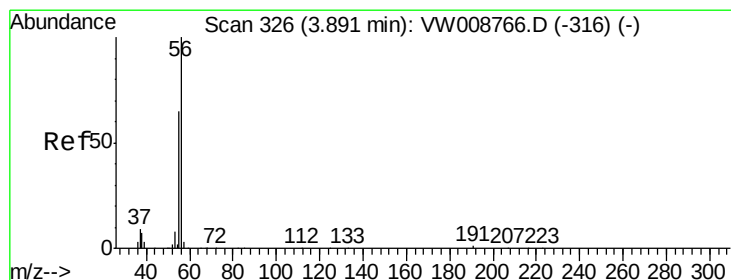
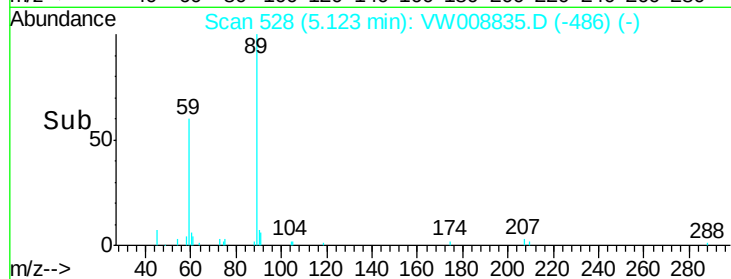
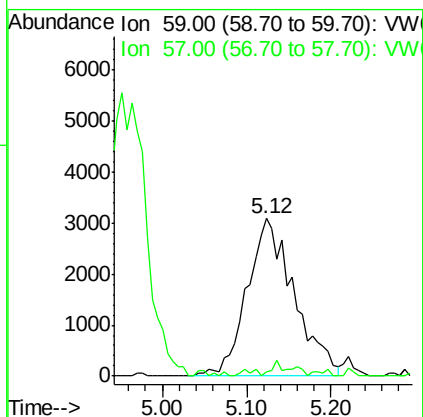
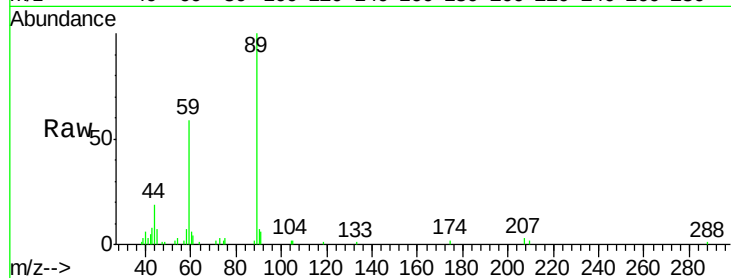




#11
Tert butyl alcohol
Concen: 49.856 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

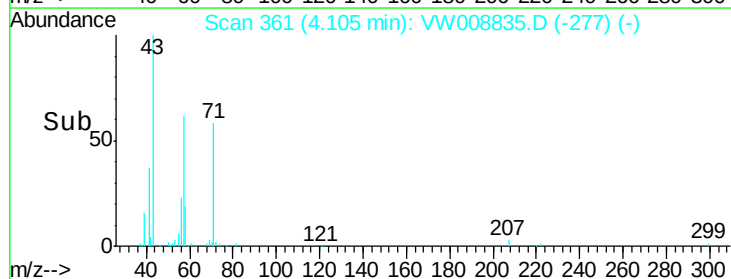
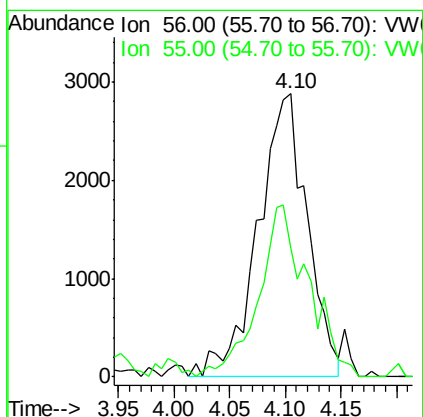
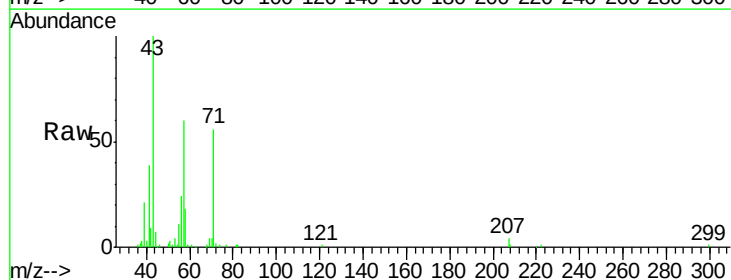
Instrument :
MSVOA_W
ClientSampled :
B-1(8-9)

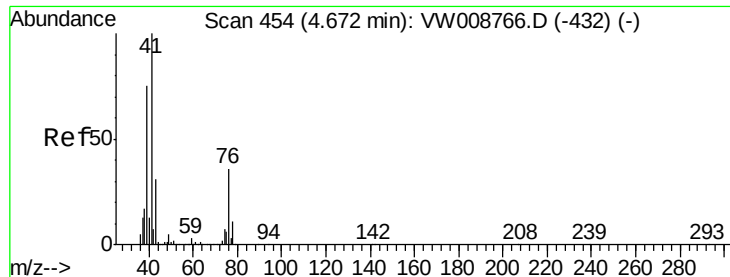
Tot Ion: 59 Resp: 11801
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#13
Acrolein
Concen: 52.389 ug/l
RT: 4.10 min Scan# 361
Delta R.T. 0.21 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 56 Resp: 8841
Ion Ratio Lower Upper
56 100
55 61.9 56.9 85.3

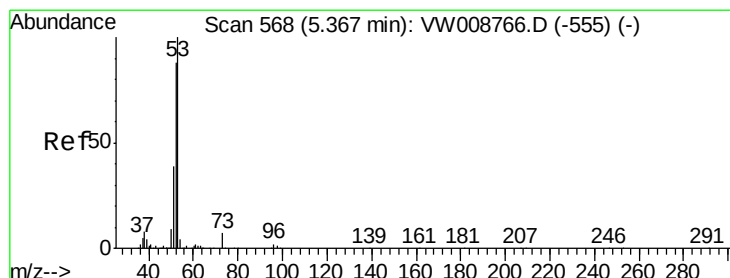
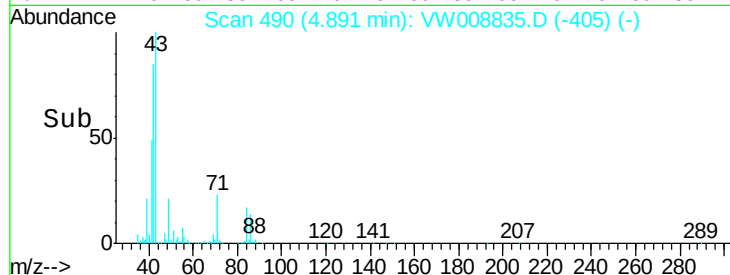
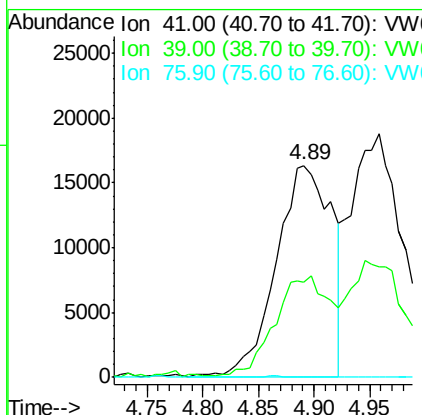
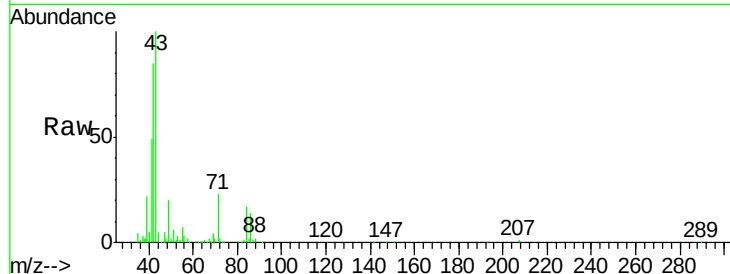




#14
Allvl chloride
Concen: 13.114 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.22 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

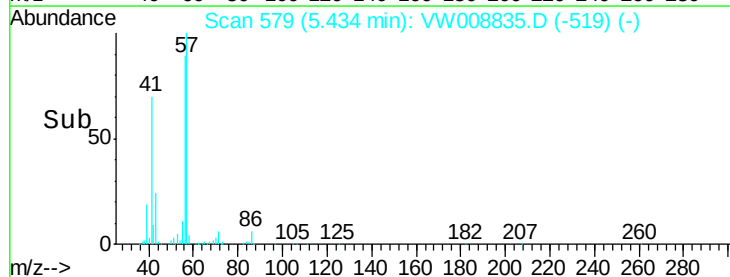
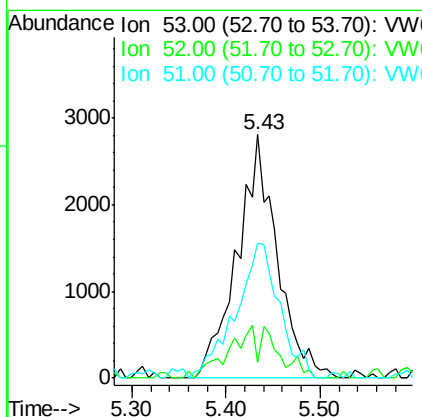
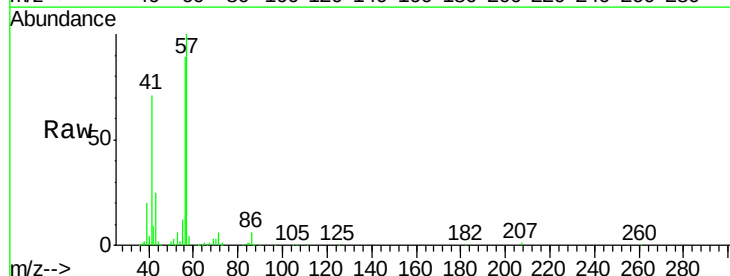
Instrument :
MSVOA_W
ClientSampleId :
B-1(8-9)

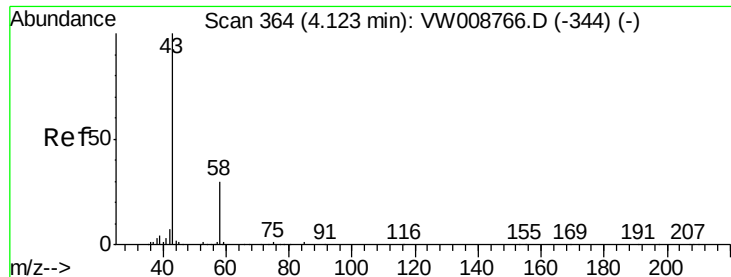
Tot Ion: 41 Resp: 56178
Ion Ratio Lower Upper
41 100
39 46.8 60.6 91.0#
76 0.0 28.6 42.8#



#15
Acrylonitrile
Concen: 13.223 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.07 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 53 Resp: 8315
Ion Ratio Lower Upper
53 100
52 14.6 67.2 100.8#
51 60.8 31.1 46.7#





#16

Acetone

Concen: 91.009 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

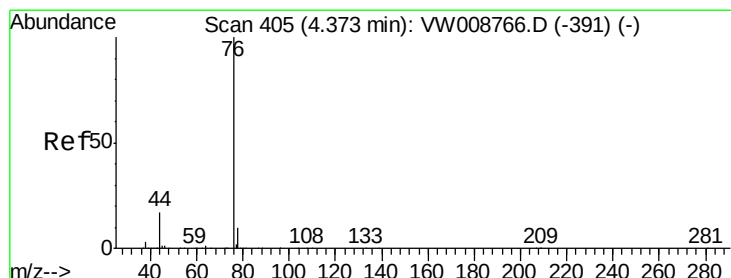
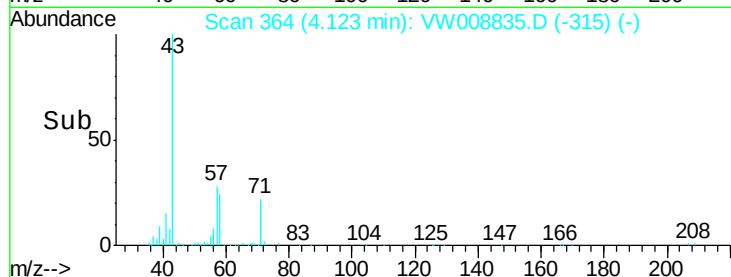
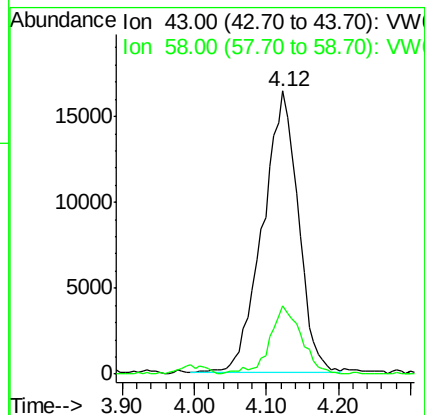
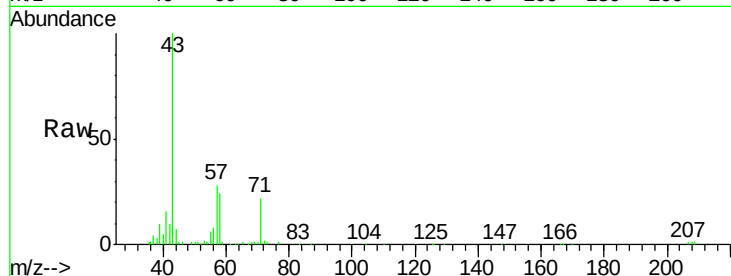
B-1(8-9)

Tot Ion: 43 Resp: 56087

Ion Ratio Lower Upper

43 100

58 24.5 23.8 35.6



#17

Carbon Disulfide

Concen: 2.518 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008835.D

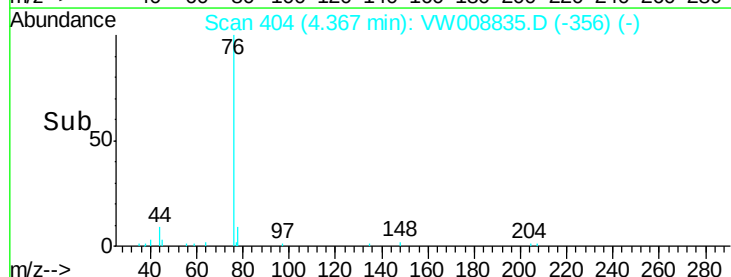
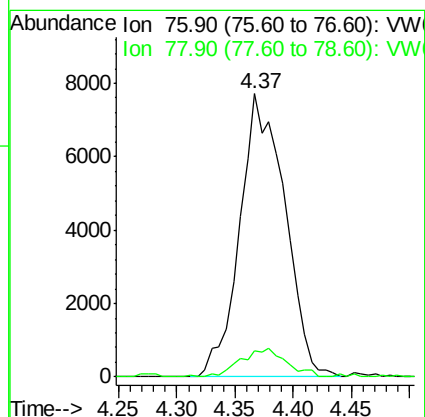
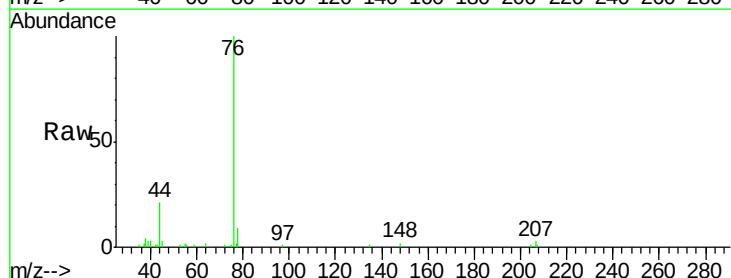
Acq: 26 Feb 2019 17:17

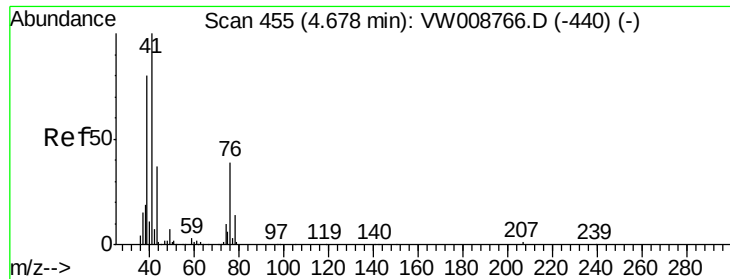
Tgt Ion: 76 Resp: 20737

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8

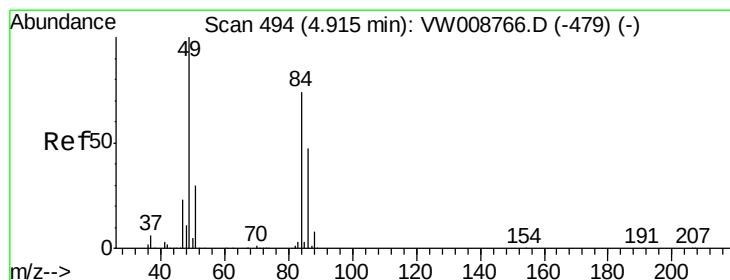
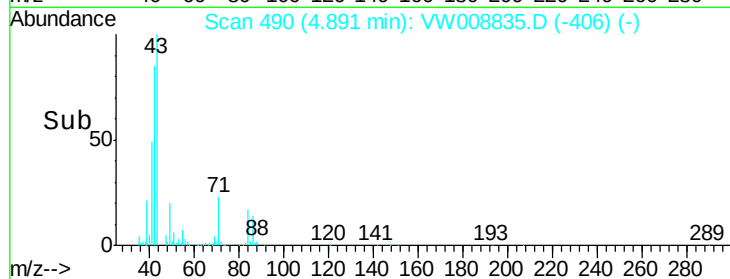
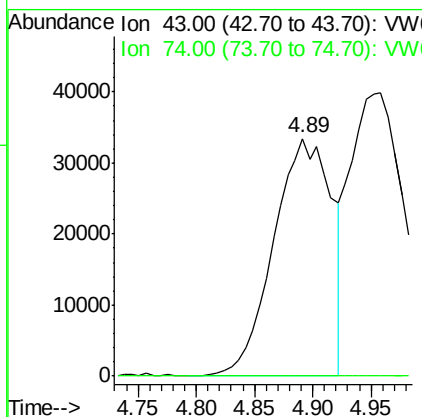
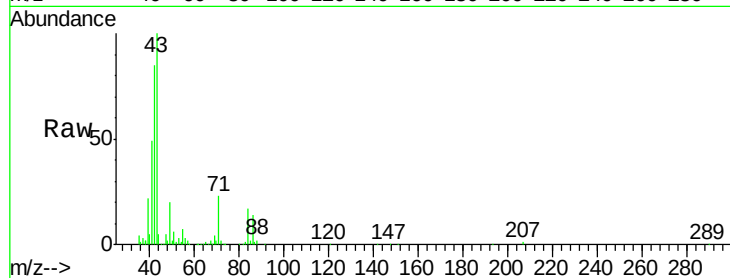




#18
Methvl Acetate
Concen: 78.712 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.21 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

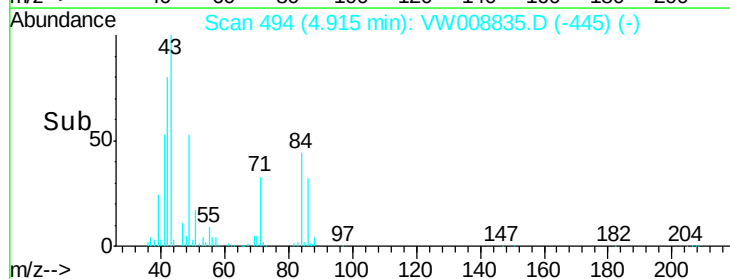
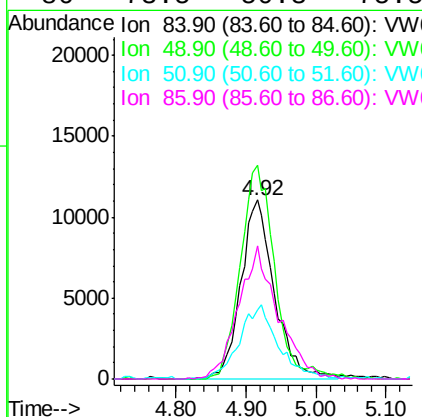
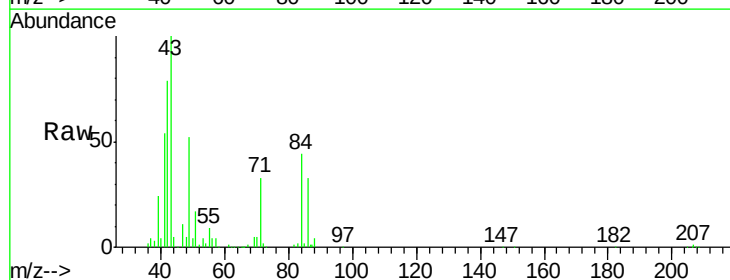
Instrument :
MSVOA_W
ClientSampled :
B-1(8-9)

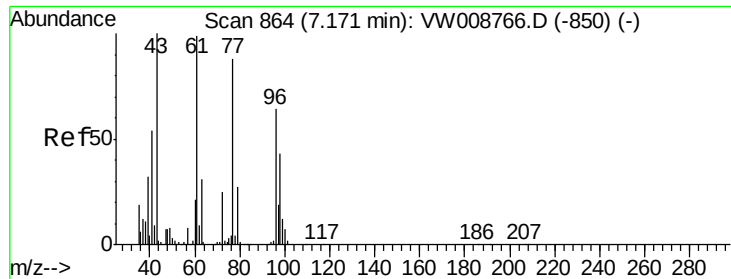
Tot Ion: 43 Resp: 115058
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 7.875 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 84 Resp: 36975
Ion Ratio Lower Upper
84 100
49 119.3 108.2 162.2
51 38.4 32.7 49.1
86 73.5 50.3 75.5





#25

2-Butanone

Concen: 16.265 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

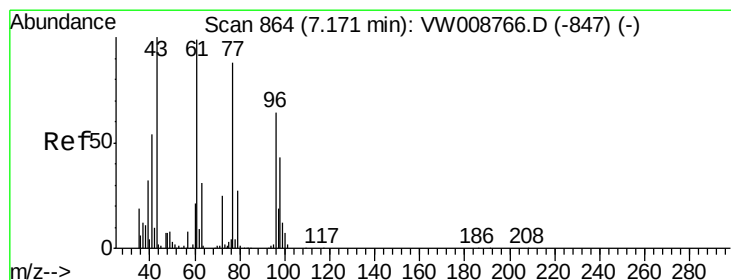
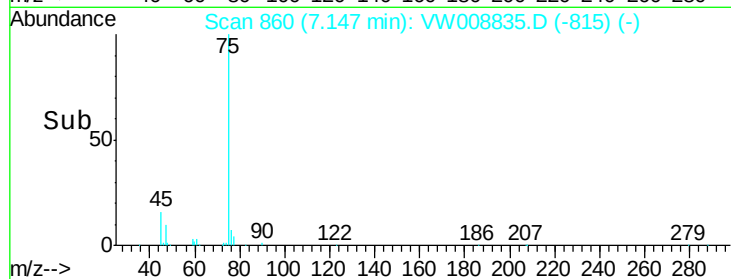
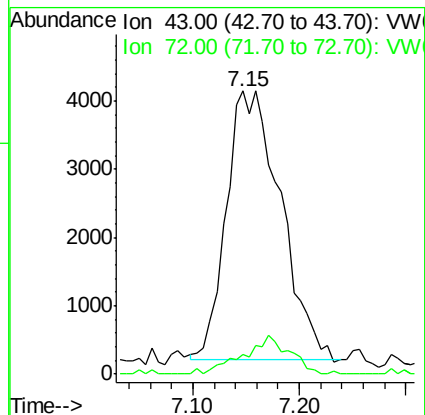
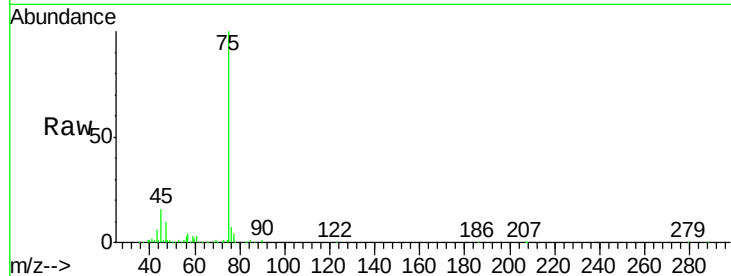
B-1(8-9)

Tot Ion: 43 Resp: 14014

Ion Ratio Lower Upper

43 100

72 7.4 19.7 29.5#



#26

2,2-Dichloropropane

Concen: 1.777 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008835.D

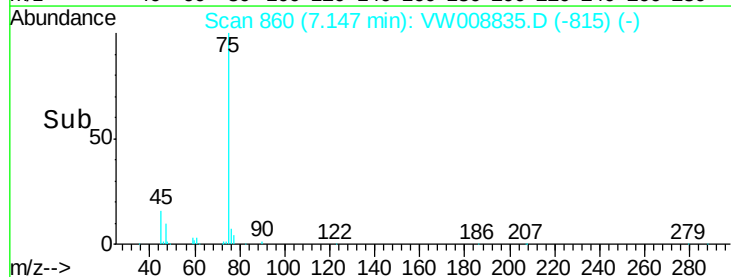
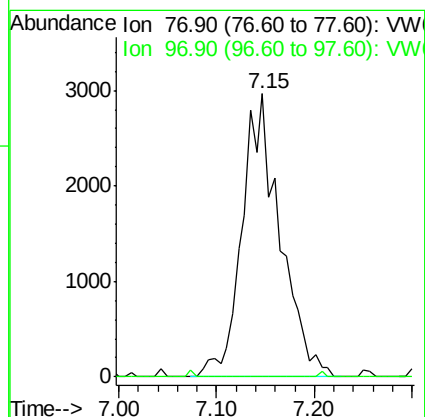
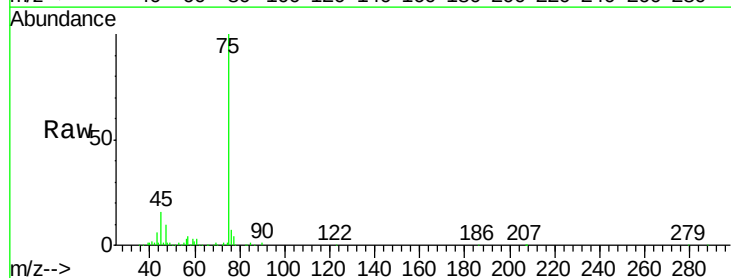
Acq: 26 Feb 2019 17:17

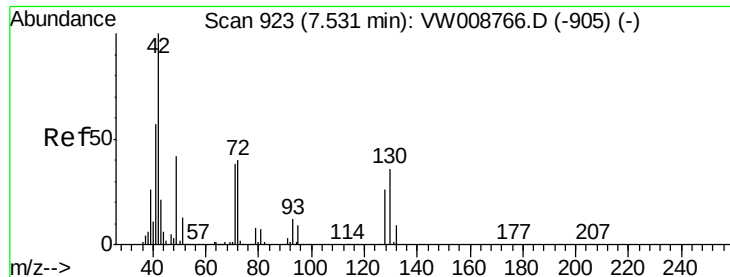
Tgt Ion: 77 Resp: 7987

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#

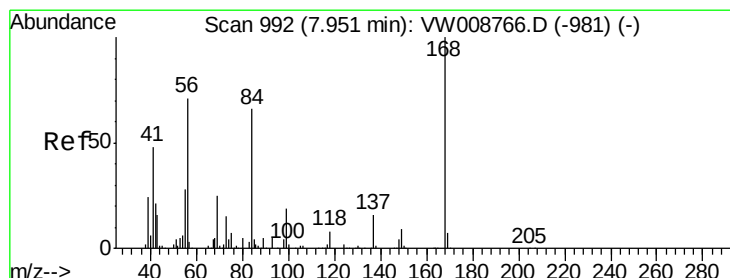
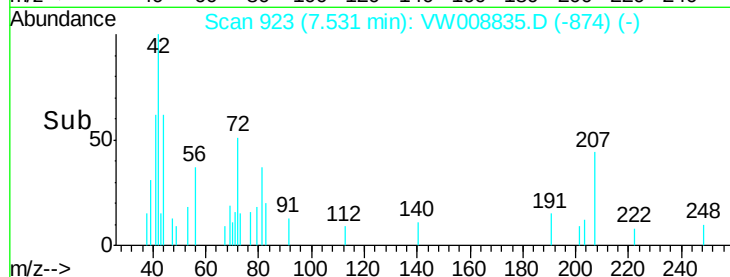
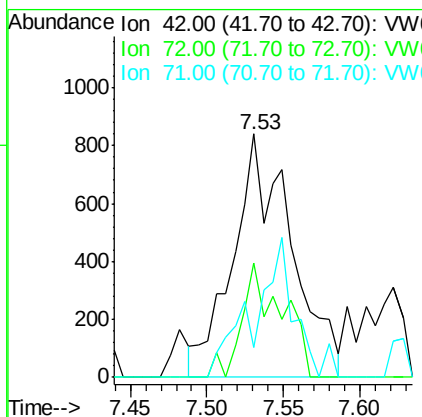
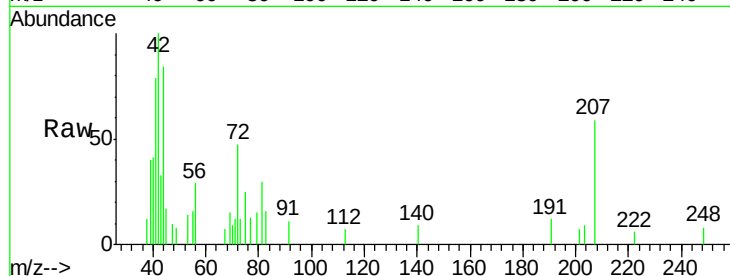




#29
Tetrahydrofuran
Concen: 4.054 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

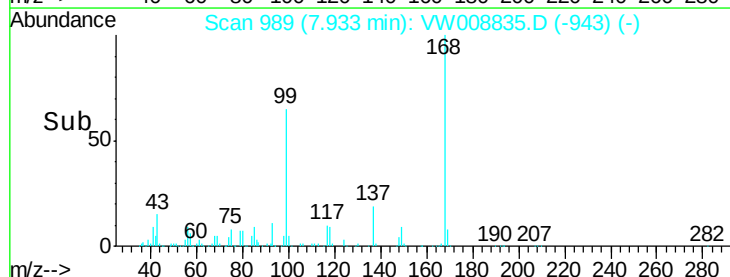
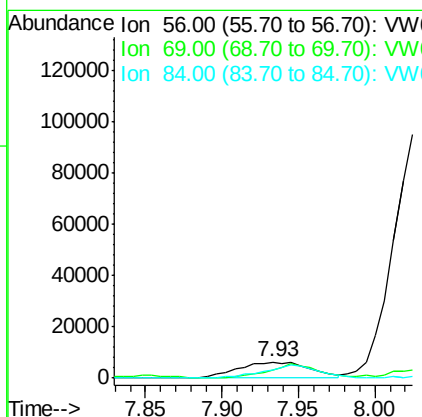
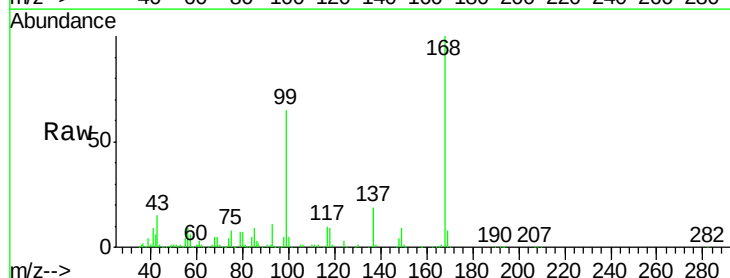
Instrument :
MSVOA_W
ClientSampled :
B-1(8-9)

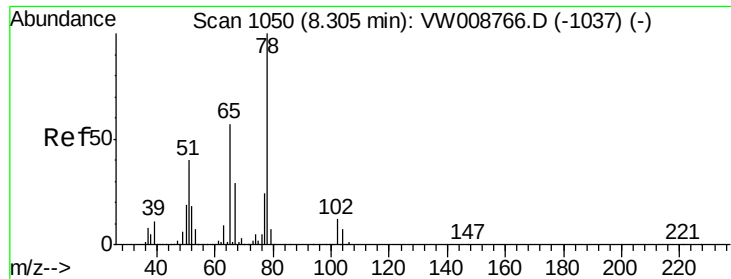
Tot Ion: 42 Resp: 2226
Ion Ratio Lower Upper
42 100
72 32.3 32.7 49.1#
71 38.8 31.3 46.9



#31
Cyclohexane
Concen: 3.913 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 56 Resp: 19612
Ion Ratio Lower Upper
56 100
69 47.6 28.2 42.4#
84 54.1 74.1 111.1#

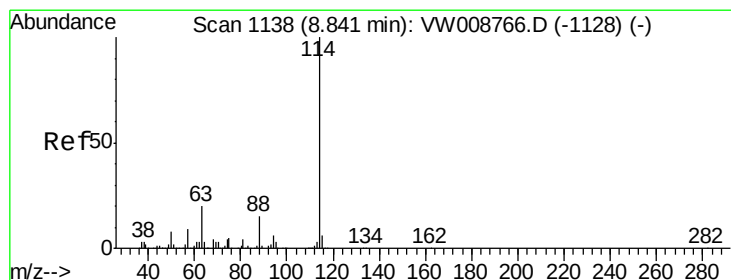
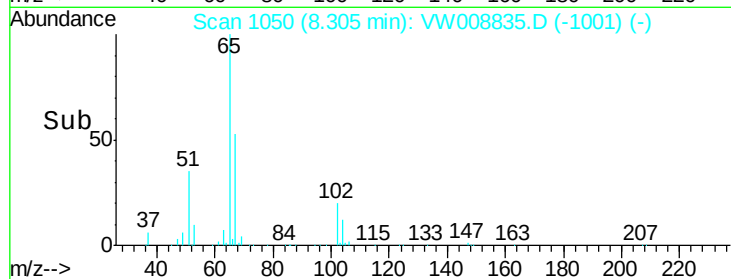
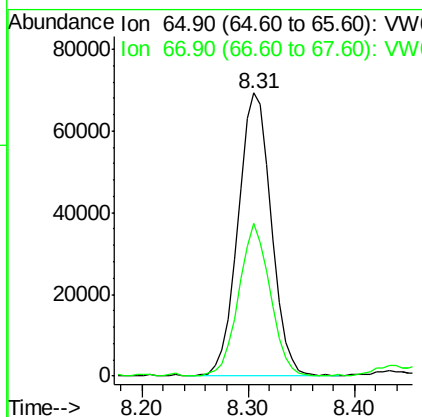
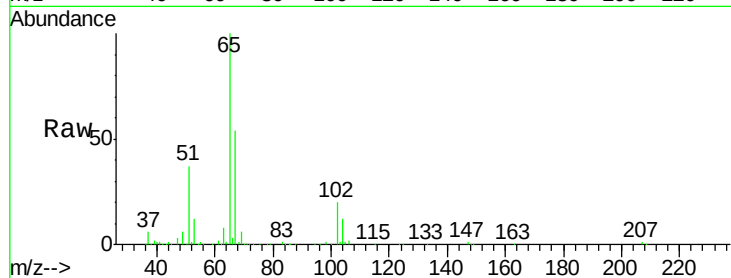




#33
 1,2-Dichloroethane-d4
 Concen: 56.969 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008835.D
 Acq: 26 Feb 2019 17:17

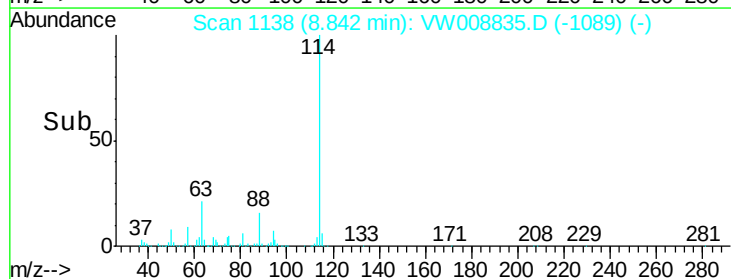
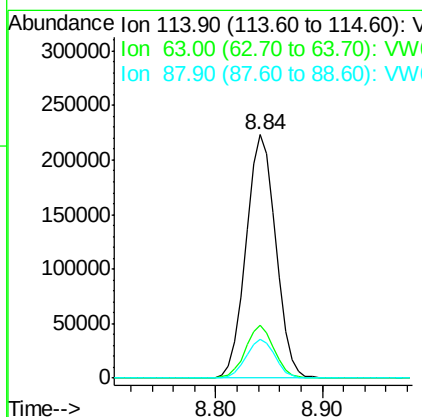
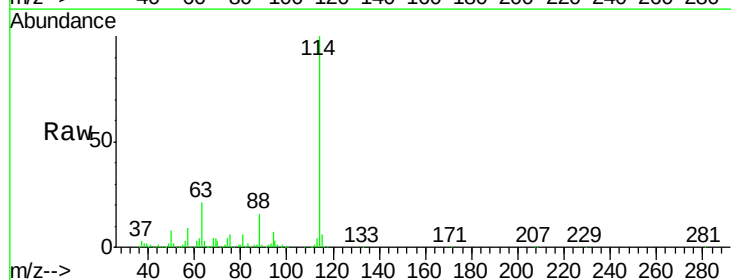
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1(8-9)

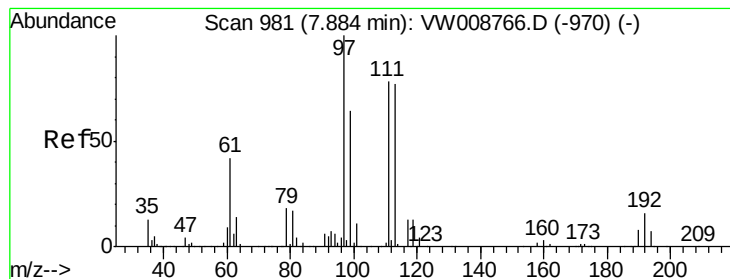
Tot Ion: 65 Resp: 151467
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008835.D
 Acq: 26 Feb 2019 17:17

Tgt Ion: 114 Resp: 439583
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.605 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

B-1(8-9)

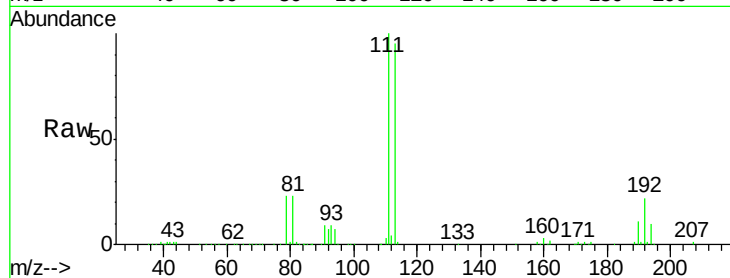
Tot Ion:113 Resp: 128283

Ion Ratio Lower Upper

113 100

111 105.1 81.9 122.9

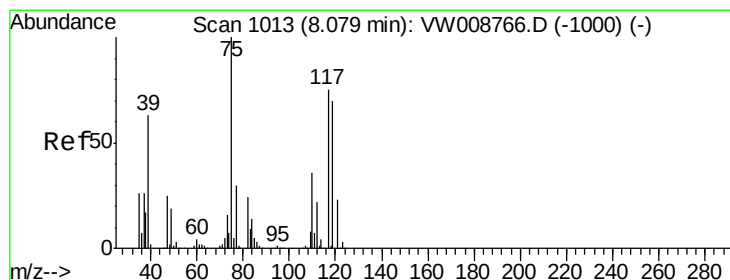
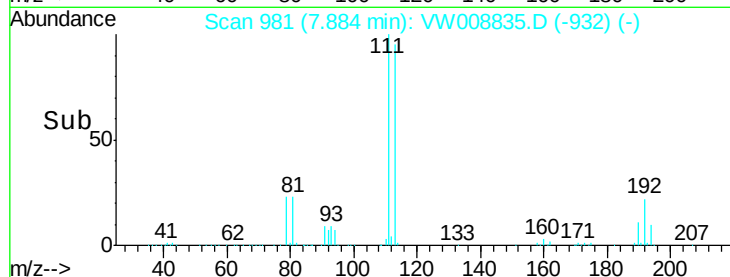
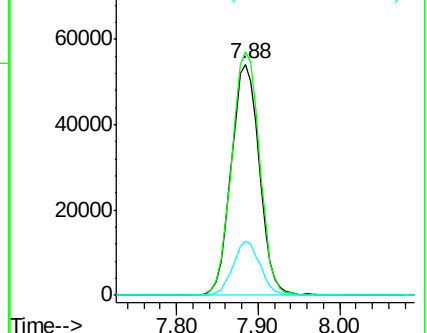
192 22.7 17.1 25.7



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: 4.815 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

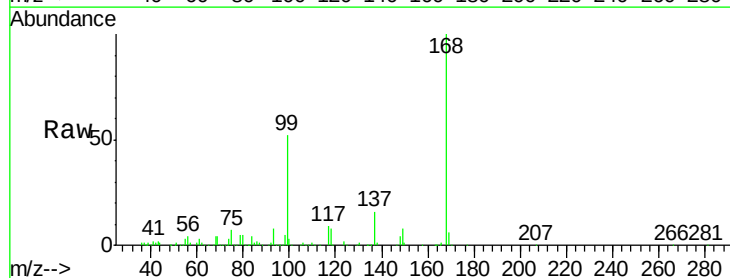
Tgt Ion: 75 Resp: 20605

Ion Ratio Lower Upper

75 100

110 12.0 17.5 52.6#

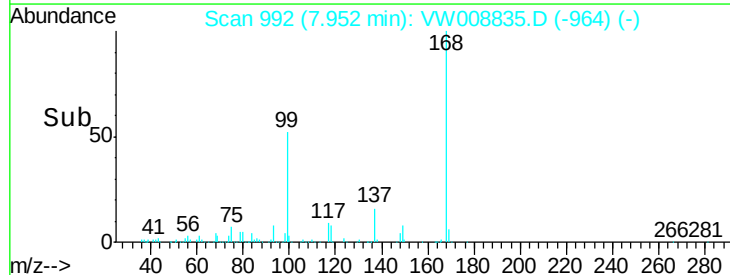
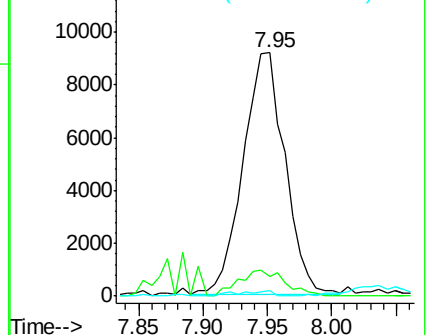
77 0.6 24.5 36.7#

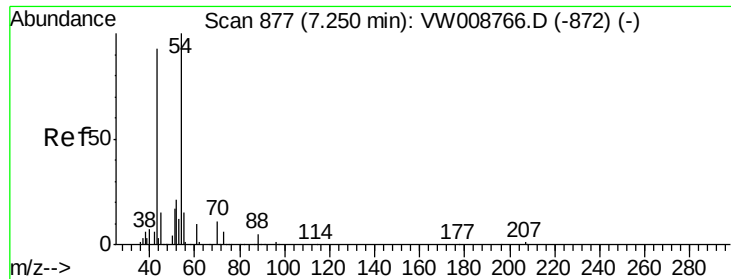


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 7.307 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.10 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampled :

B-1(8-9)

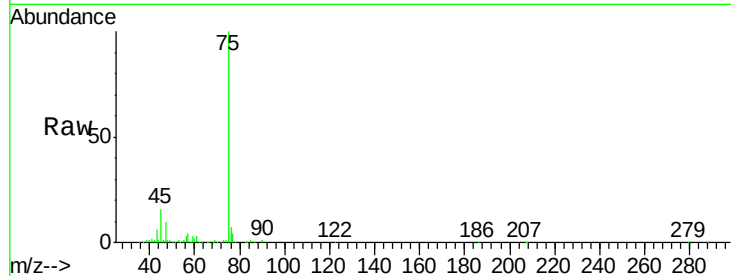
Tot Ion: 43 Resp: 14540

Ion Ratio Lower Upper

43 100

61 38.0 9.8 14.8#

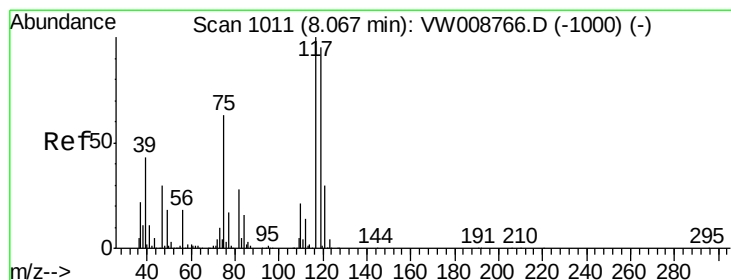
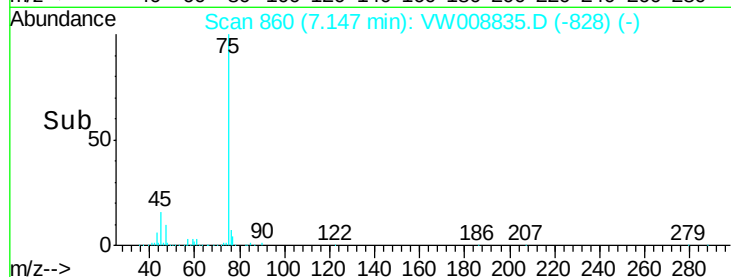
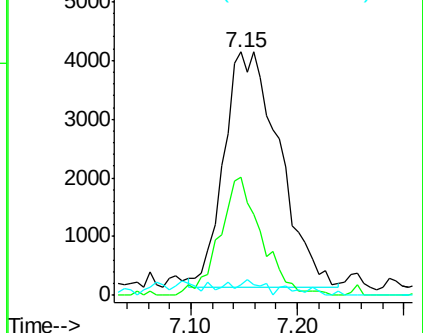
70 2.5 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.160 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

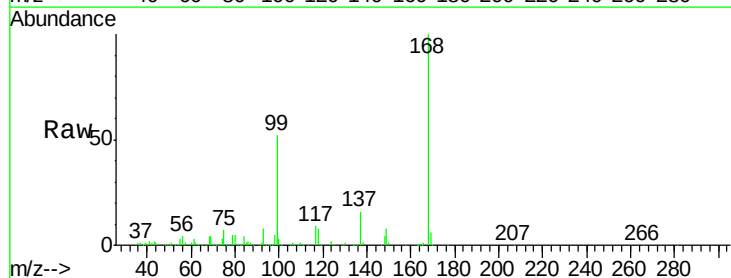
Tgt Ion: 117 Resp: 27799

Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

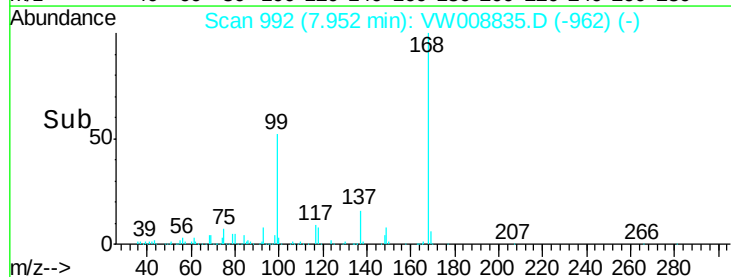
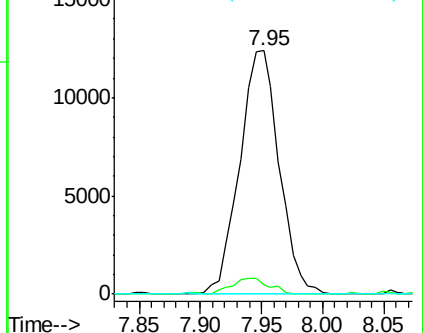
121 0.0 24.0 36.0#

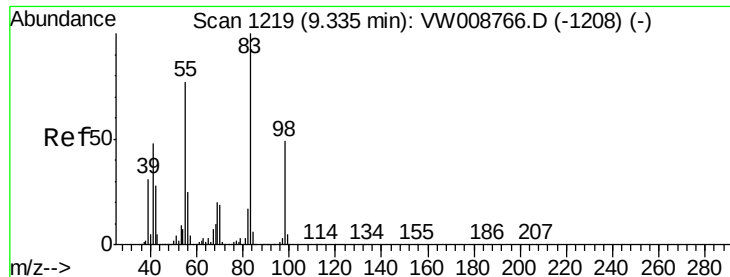


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

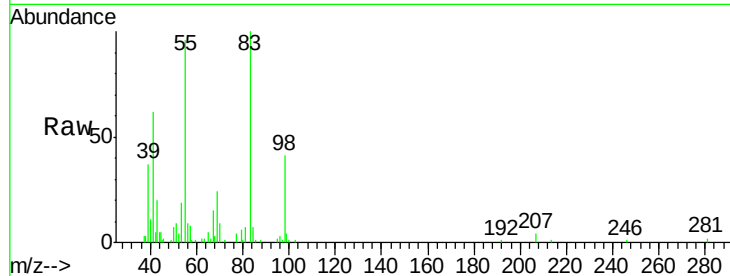




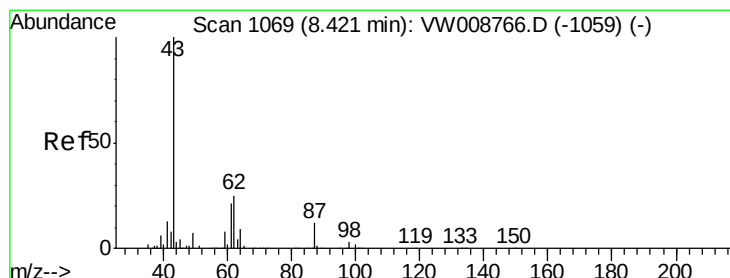
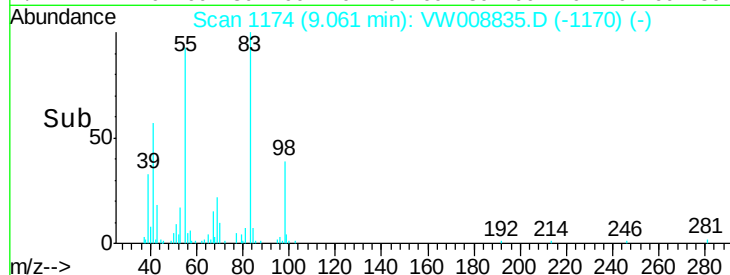
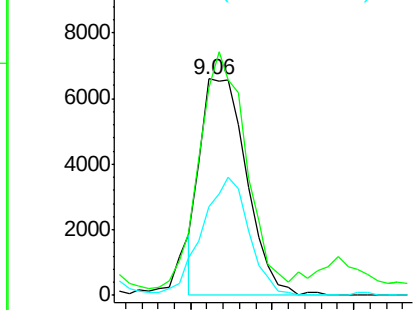
#39
Methylvlcyclohexane
Concen: 2.444 ug/l
RT: 9.06 min Scan# 1174
Delta R.T. -0.27 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Instrument :
MSVOA_W
ClientSampleId :
B-1(8-9)

Tot Ion: 83 Resp: 13042
Ion Ratio Lower Upper
83 100
55 78.3 61.2 91.8
98 40.7 39.4 59.2

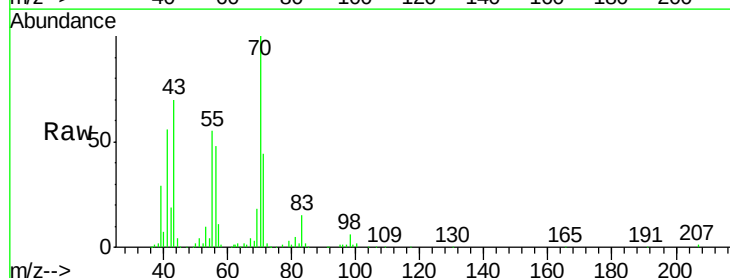


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

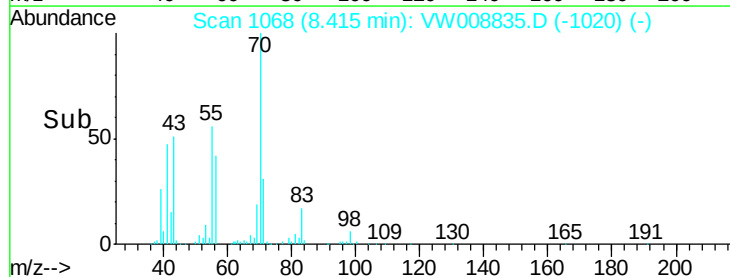
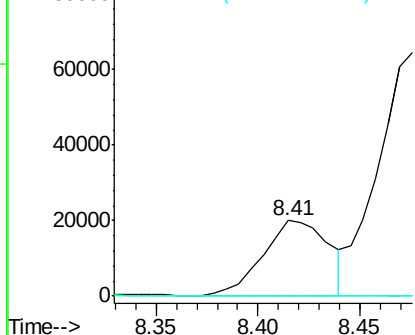


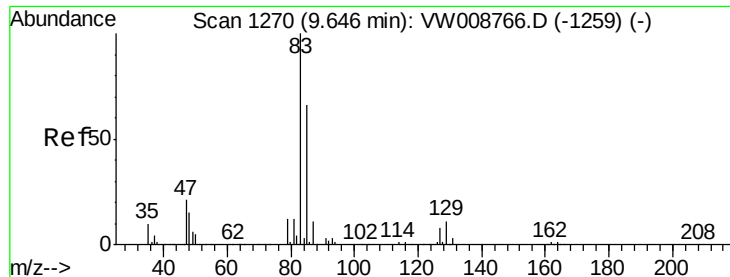
#43
Isopropyl Acetate
Concen: 11.202 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 43 Resp: 44488
Ion Ratio Lower Upper
43 100
61 0.0 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

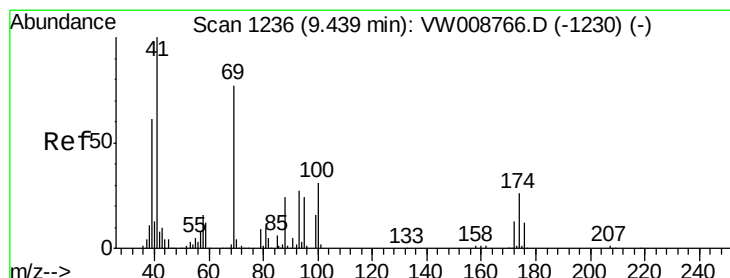
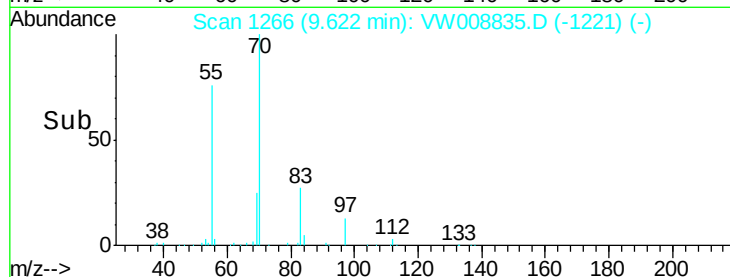
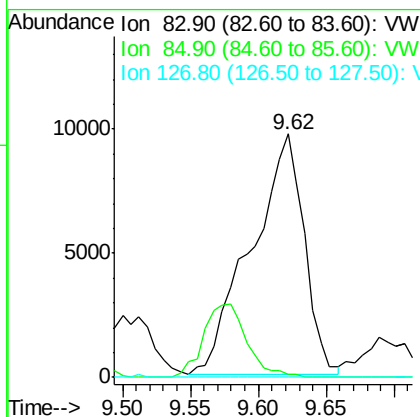
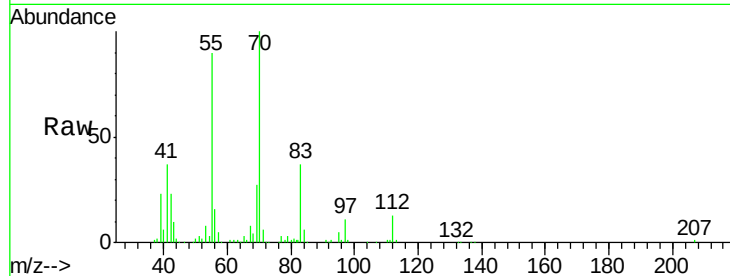




#47
 Bromodichloromethane
 Concen: 6.777 ug/l
 RT: 9.62 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: VW008835.D
 Acq: 26 Feb 2019 17:17

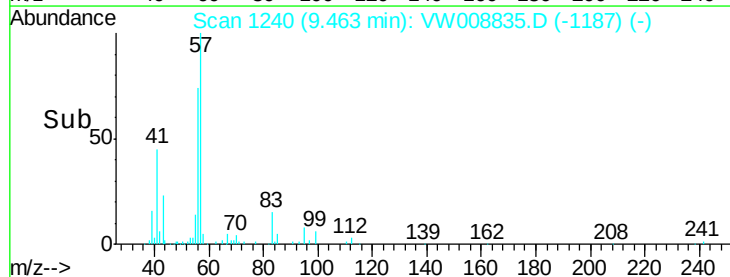
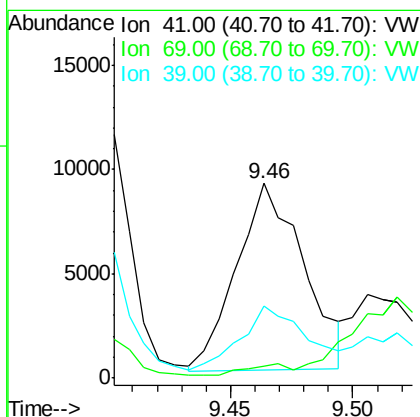
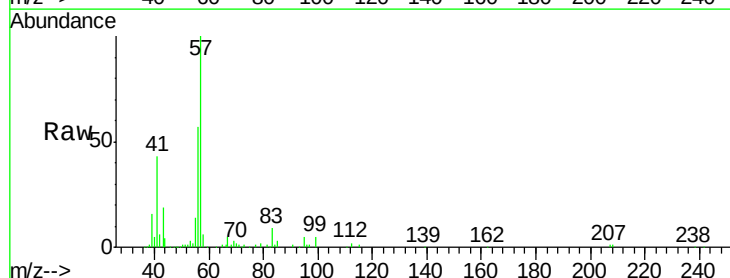
Instrument :
 MSVOA_W
 ClientSampled :
 B-1(8-9)

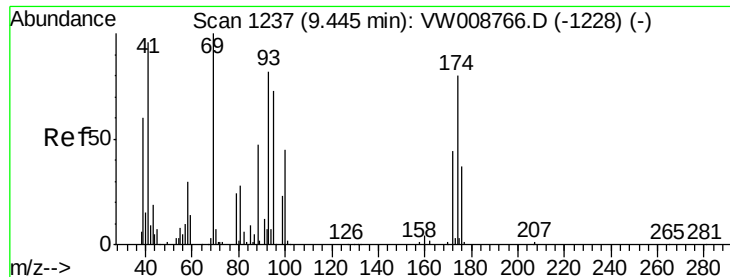
Tot Ion: 83 Resp: 26479
 Ion Ratio Lower Upper
 83 100
 85 1.1 52.5 78.7#
 127 0.0 6.7 10.1#



#48
 Methyl methacrylate
 Concen: 8.972 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.02 min
 Lab File: VW008835.D
 Acq: 26 Feb 2019 17:17

Tgt Ion: 41 Resp: 17065
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.6 95.4#
 39 33.8 52.1 78.1#

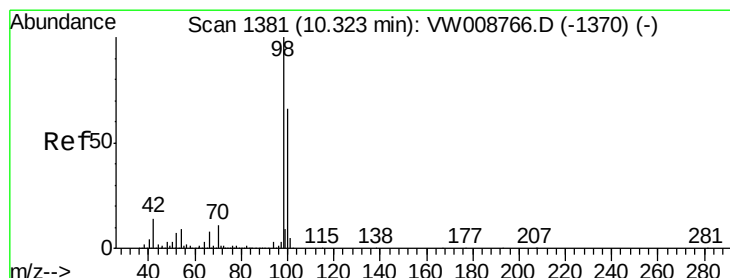
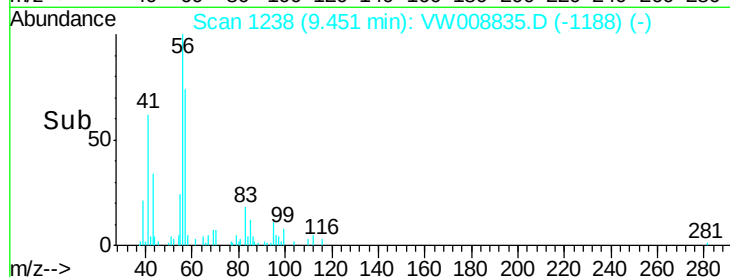
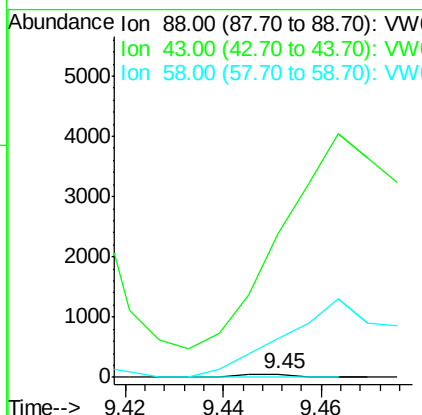
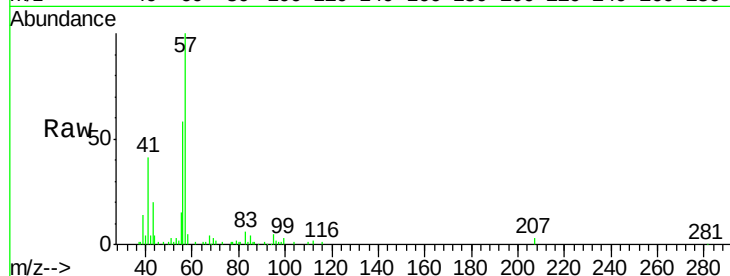




#49
1,4-Dioxane
Concen: 1.555 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

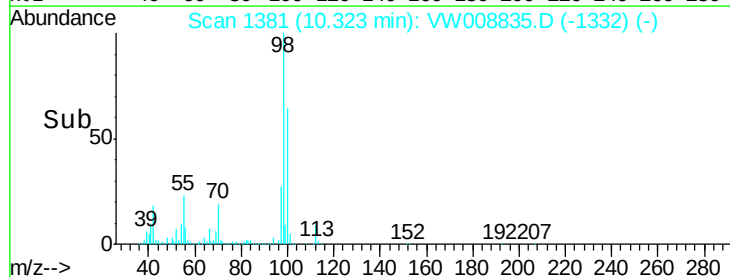
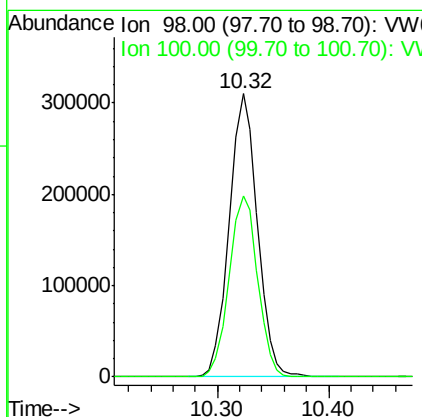
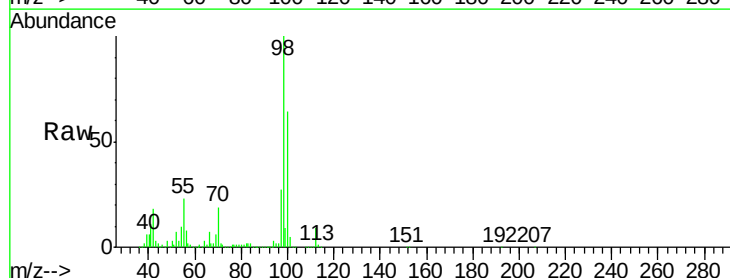
Instrument :
MSVOA_W
ClientSampled :
B-1(8-9)

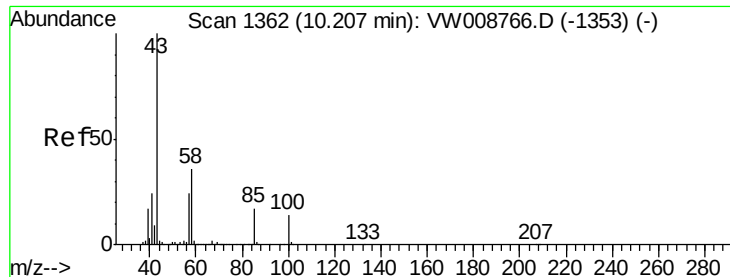
Tot Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 21927.5 29.0 43.4#
58 5912.5 52.0 78.0#



#50
Toluene-d8
Concen: 53.382 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 98 Resp: 543880
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 22.311 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

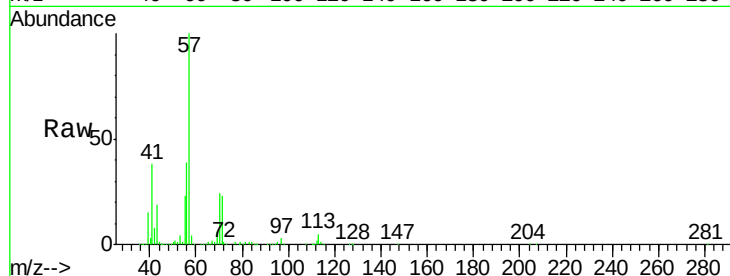
B-1(8-9)

Tot Ion: 43 Resp: 44984

Ion Ratio Lower Upper

43 100

58 23.3 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

30000

25000

20000

15000

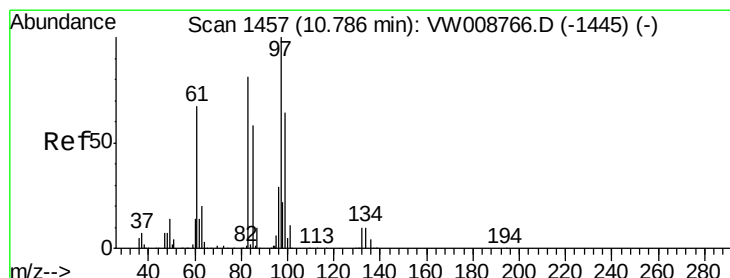
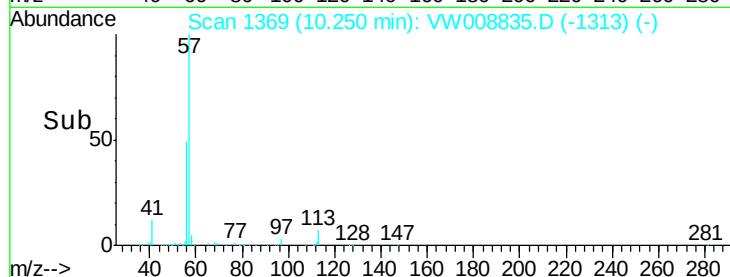
10000

5000

0

Time-->

10.15 10.20 10.25 10.30



#55

1,1,2-Trichloroethane

Concen: 46.024 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Tgt Ion: 97 Resp: 100233

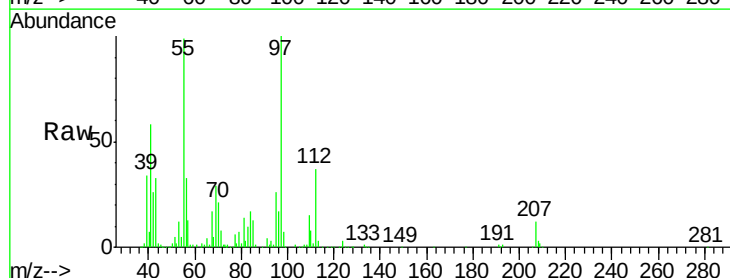
Ion Ratio Lower Upper

97 100

83 8.9 65.0 97.6#

85 12.9 46.0 69.0#

99 0.3 51.1 76.7#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

80000

60000

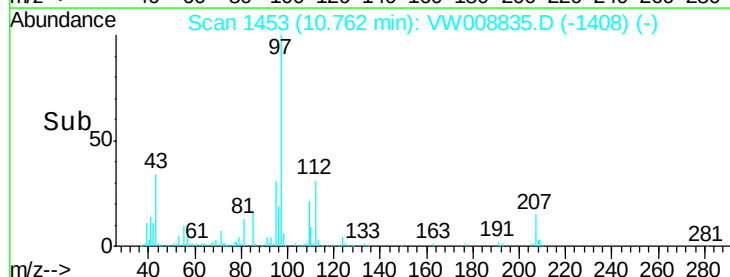
40000

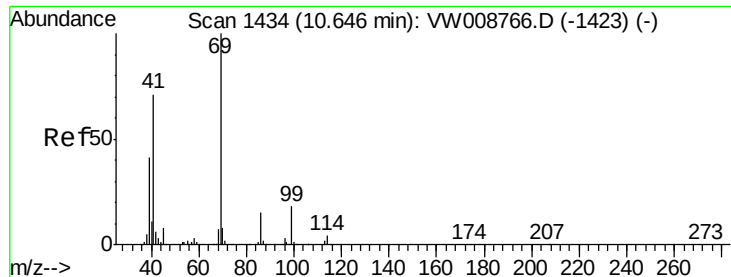
20000

0

Time-->

10.70 10.75 10.80





#56

Ethyl methacrylate

Concen: 4.639 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampled :

B-1(8-9)

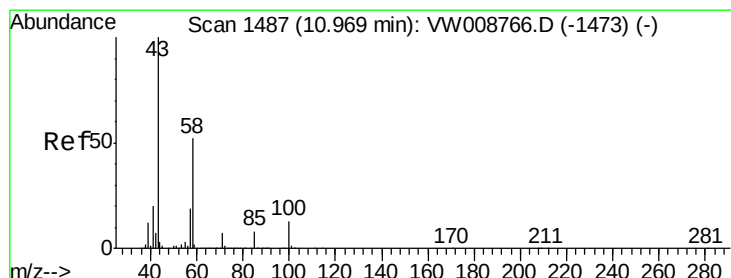
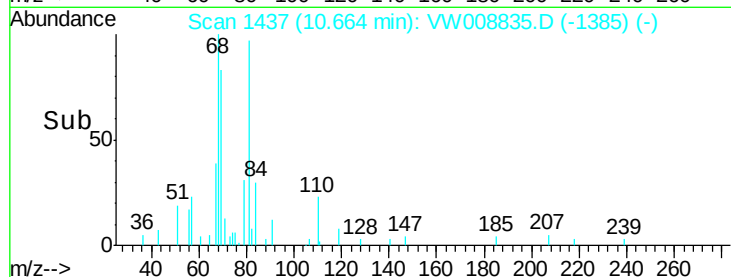
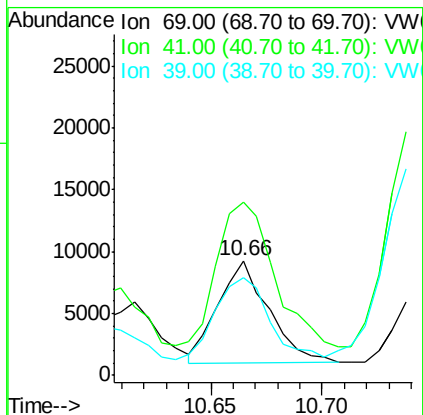
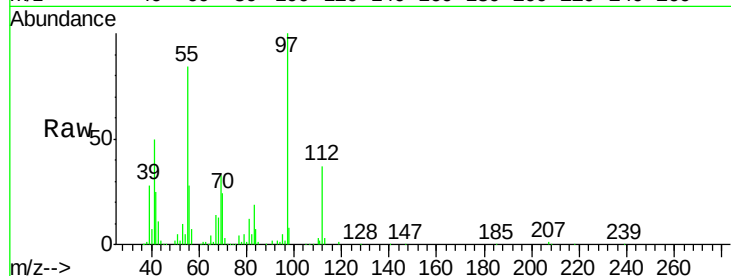
Tot Ion: 69 Resp: 13126

Ion Ratio Lower Upper

69 100

41 198.5 57.4 86.0#

39 98.1 34.8 52.2#



#59

2-Hexanone

Concen: 34.092 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW008835.D

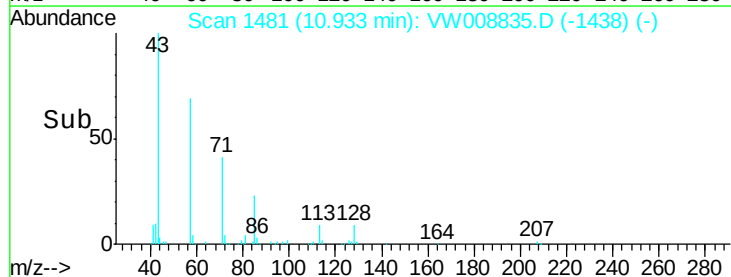
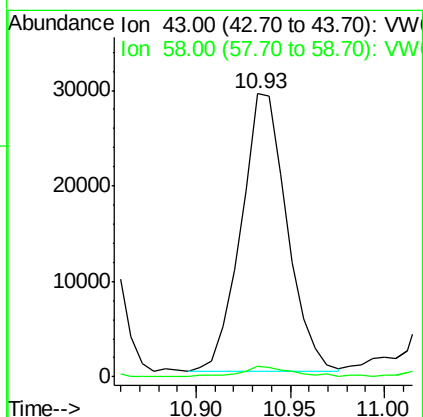
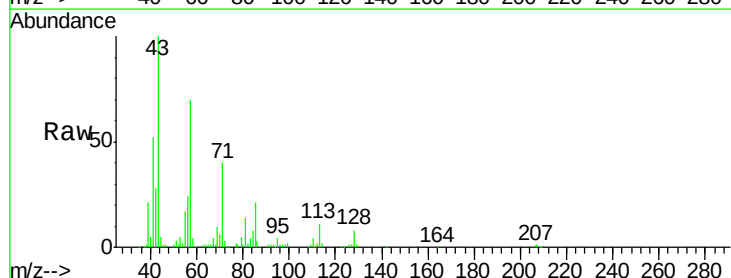
Acq: 26 Feb 2019 17:17

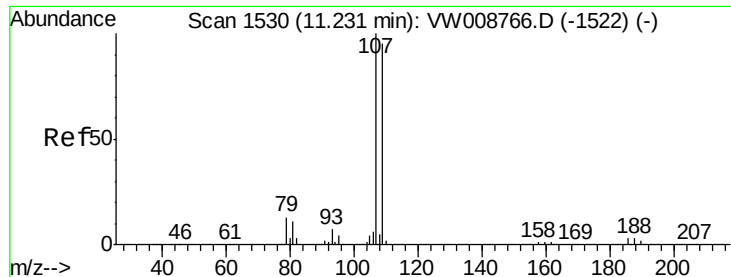
Tgt Ion: 43 Resp: 48931

Ion Ratio Lower Upper

43 100

58 4.4 25.3 75.8#





#61

1,2-Dibromoethane

Concen: 1.029 ug/l

RT: 11.21 min Scan# 1526

Delta R.T. -0.02 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

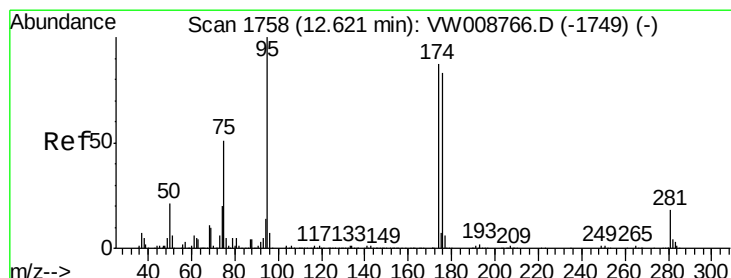
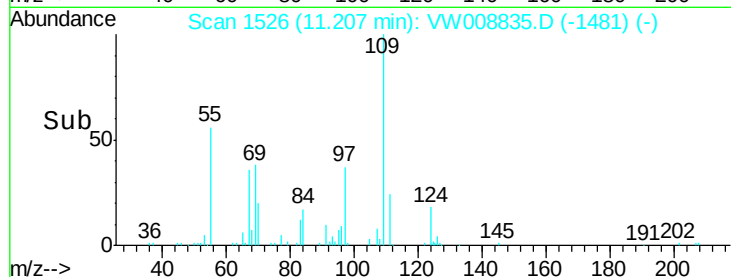
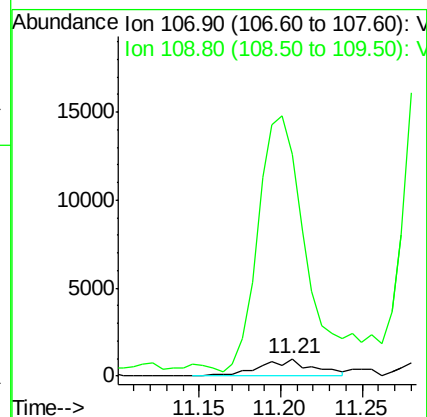
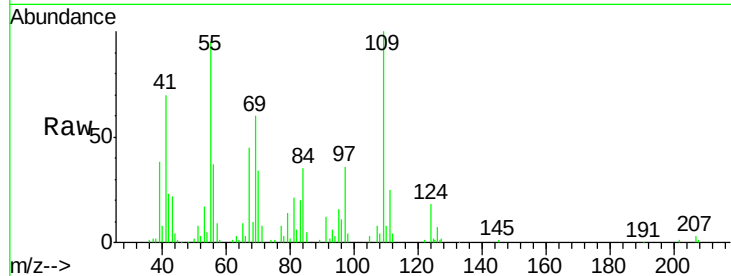
B-1(8-9)

Tot Ion:107 Resp: 2219

Ion Ratio Lower Upper

107 100

109 1358.4 75.6 113.4#



#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

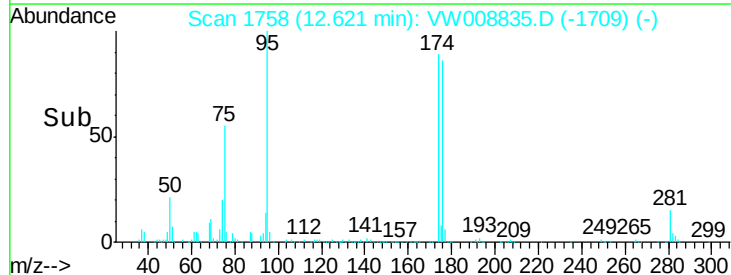
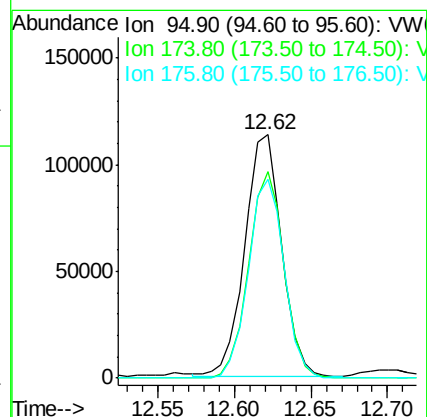
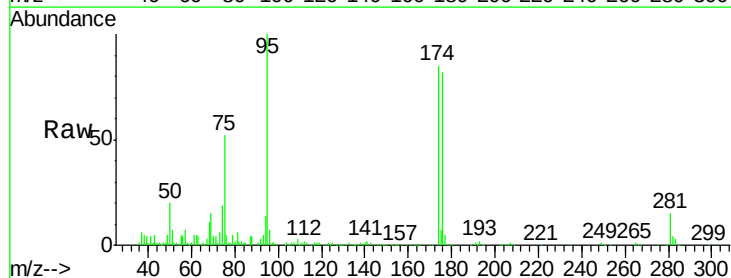
Tgt Ion: 95 Resp: 190434

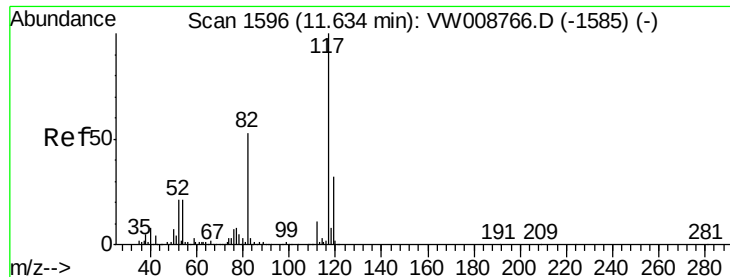
Ion Ratio Lower Upper

95 100

174 81.7 0.0 169.2

176 79.6 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: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampled :

B-1(8-9)

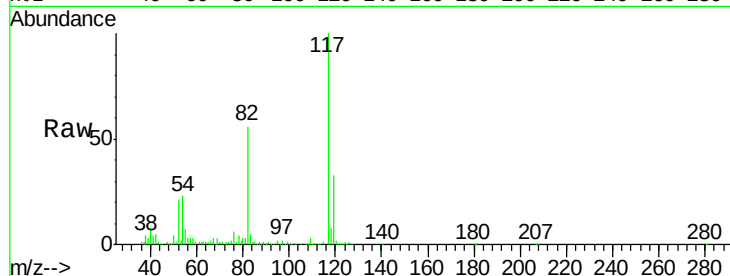
Tot Ion:117 Resp: 387737

Ion Ratio Lower Upper

117 100

82 54.2 42.2 63.4

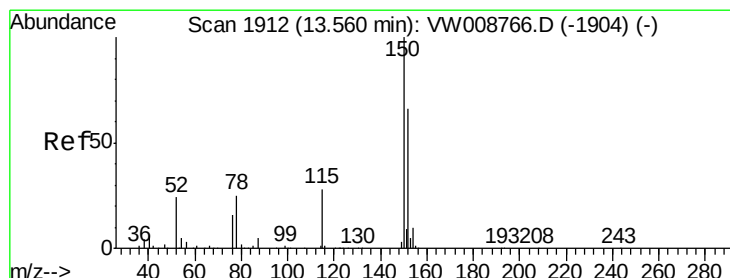
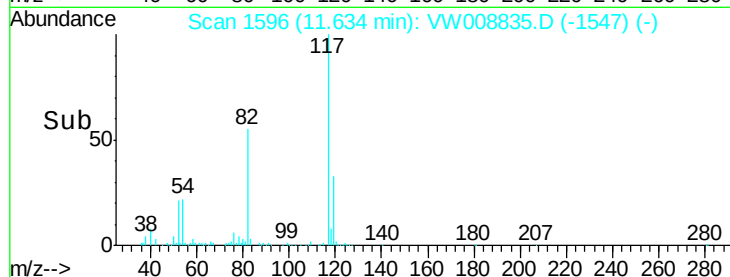
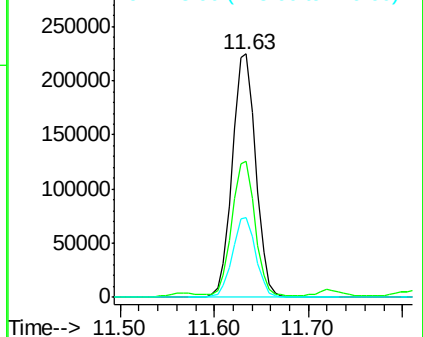
119 32.8 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

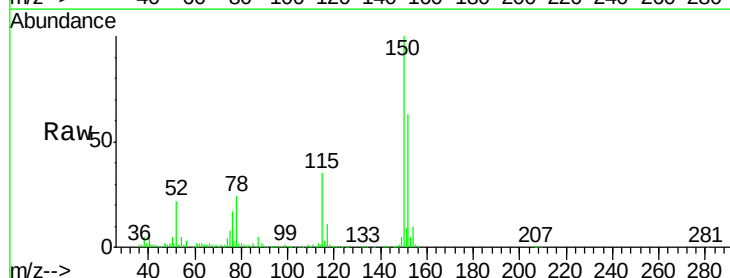
Tgt Ion:152 Resp: 187129

Ion Ratio Lower Upper

152 100

115 56.3 28.6 85.8

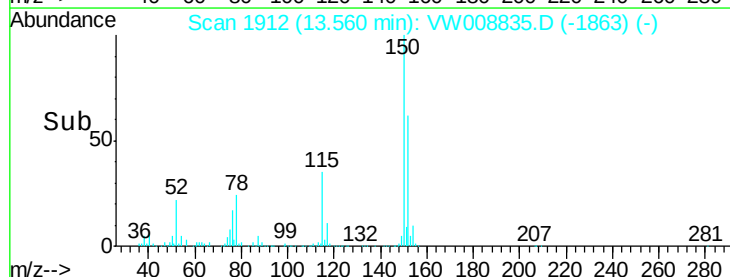
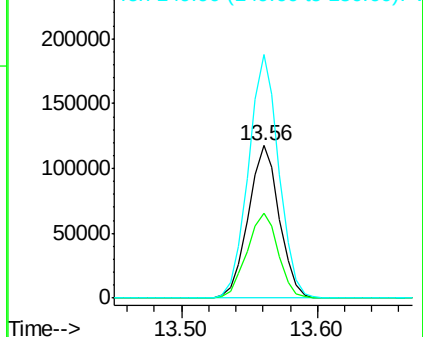
150 156.5 0.0 348.0

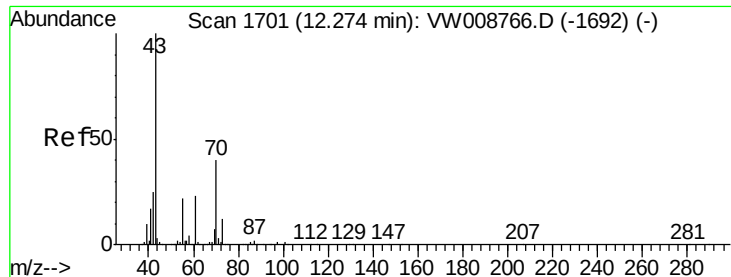


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

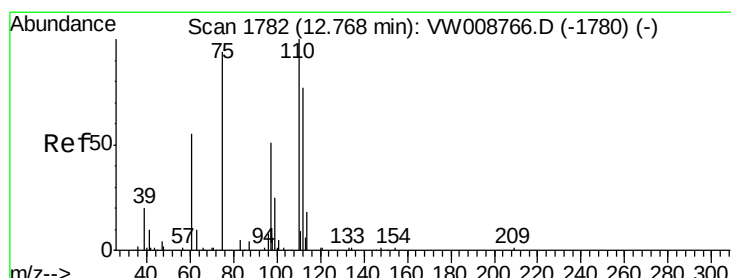
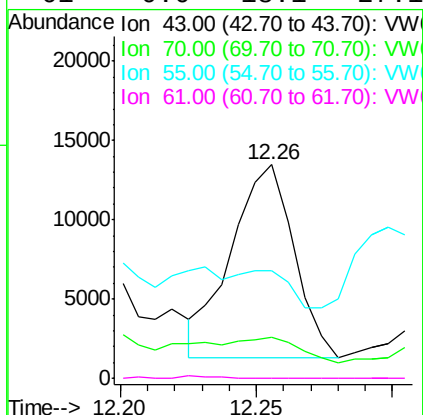
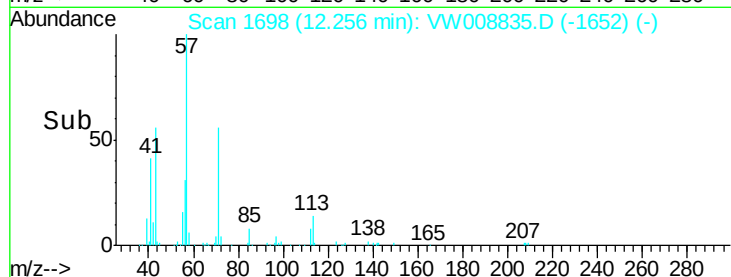
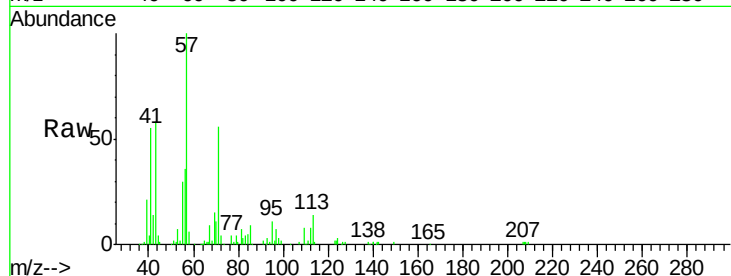




#74
N-amvl acetate
Concen: 6.055 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

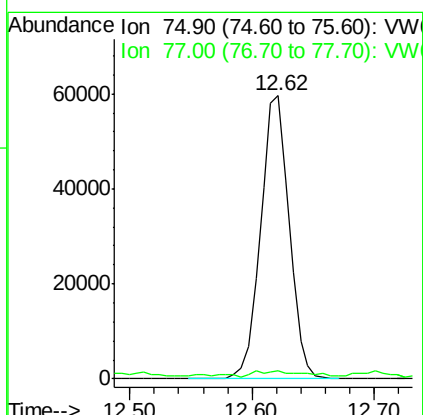
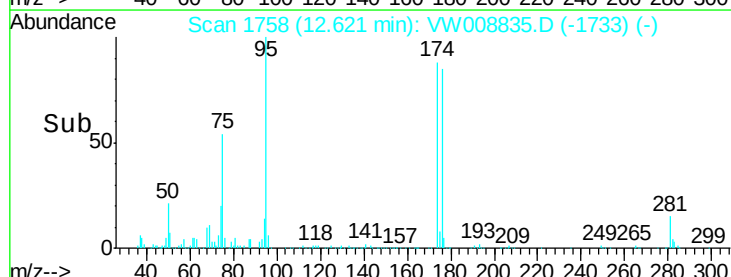
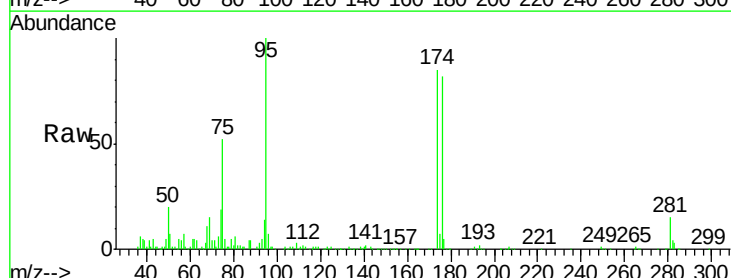
Instrument :
MSVOA_W
ClientSampleId :
B-1(8-9)

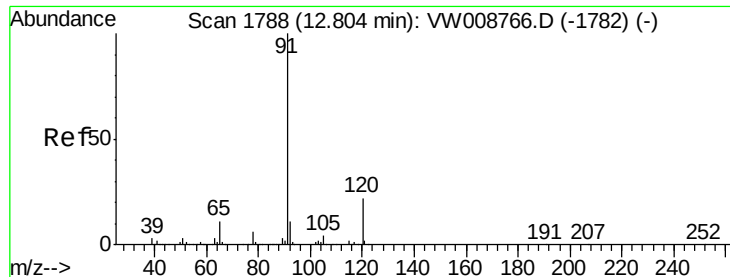
Tot Ion: 43 Resp: 19567
Ion Ratio Lower Upper
43 100
70 21.0 31.0 46.6#
55 0.0 18.7 28.1#
61 0.0 18.1 27.1#



#76
1,2,3-Trichloropropane
Concen: 62.898 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008835.D
Acq: 26 Feb 2019 17:17

Tgt Ion: 75 Resp: 97178
Ion Ratio Lower Upper
75 100
77 3.2 0.0 0.0#





#78

n-propylbenzene

Concen: 2.069 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampled :

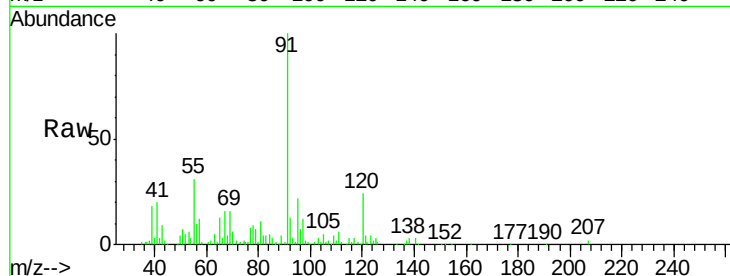
B-1(8-9)

Tot Ion: 91 Resp: 32464

Ion Ratio Lower Upper

91 100

120 24.5 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

20000

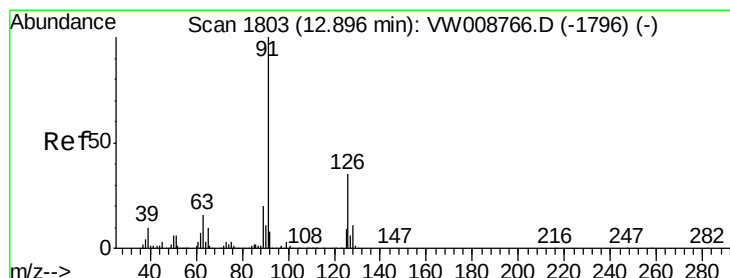
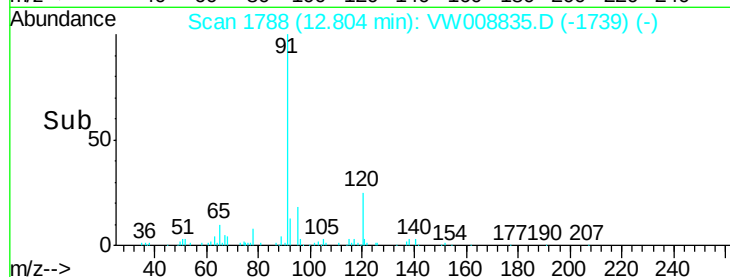
15000

10000

5000

0

Time--> 12.70 12.80



#79

2-Chlorotoluene

Concen: 3.644 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW008835.D

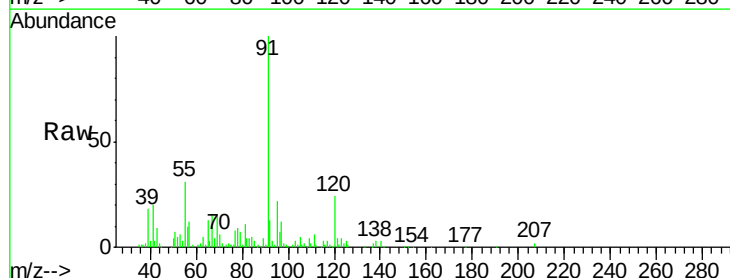
Acq: 26 Feb 2019 17:17

Tgt Ion: 91 Resp: 32464

Ion Ratio Lower Upper

91 100

126 2.0 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

20000

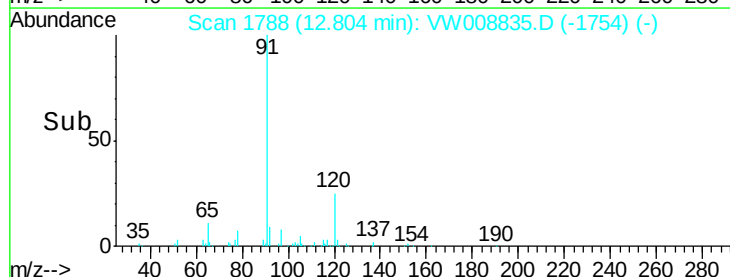
15000

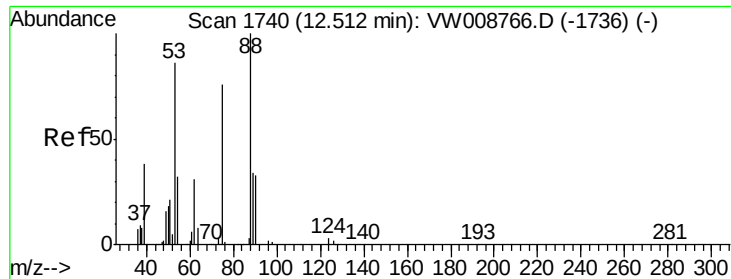
10000

5000

0

Time--> 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 152.911 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

B-1(8-9)

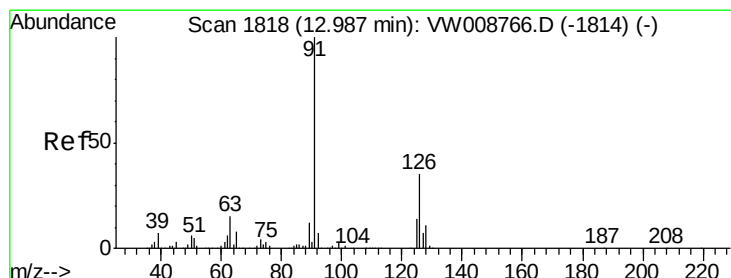
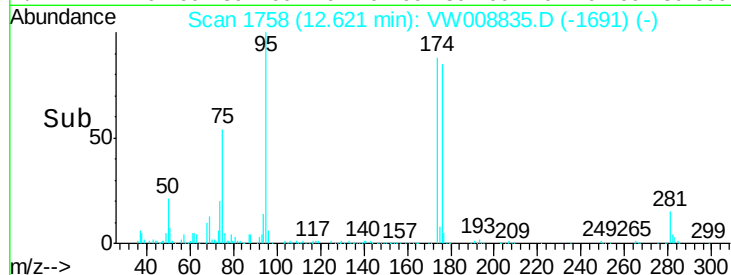
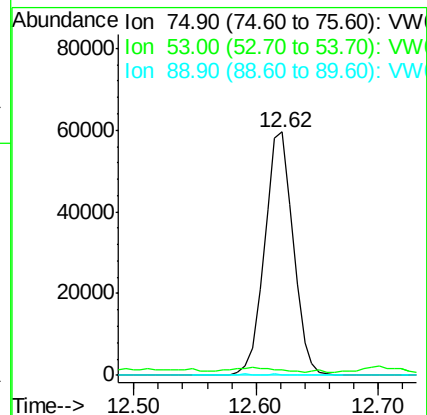
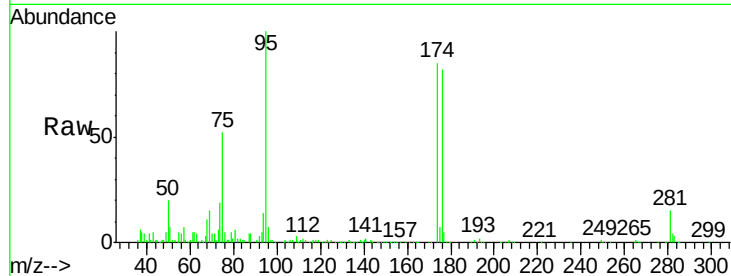
Tot Ion: 75 Resp: 97178

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.2 39.5 59.3#



#82

4-Chlorotoluene

Concen: 3.458 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.18 min

Lab File: VW008835.D

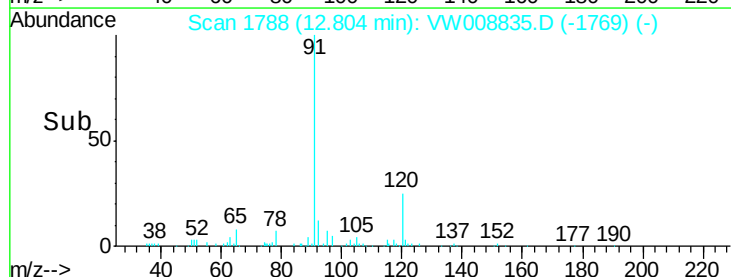
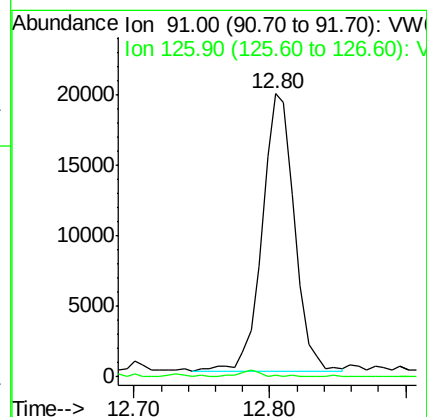
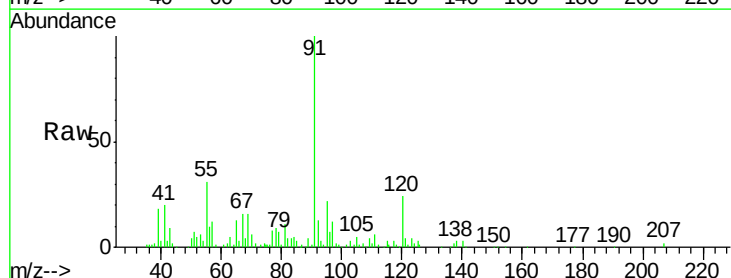
Acq: 26 Feb 2019 17:17

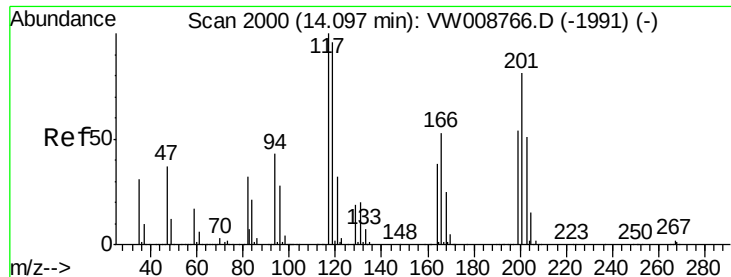
Tgt Ion: 91 Resp: 32464

Ion Ratio Lower Upper

91 100

126 2.0 17.2 51.6#





#90

Hexachloroethane

Concen: 1.598 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampled :

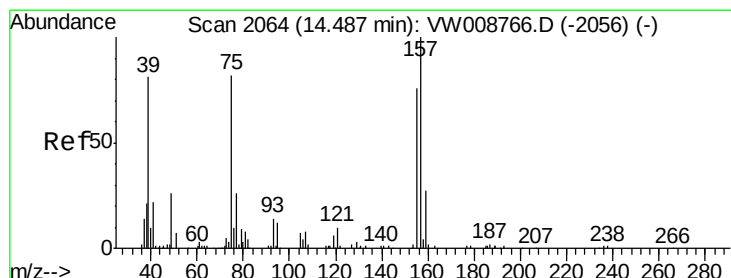
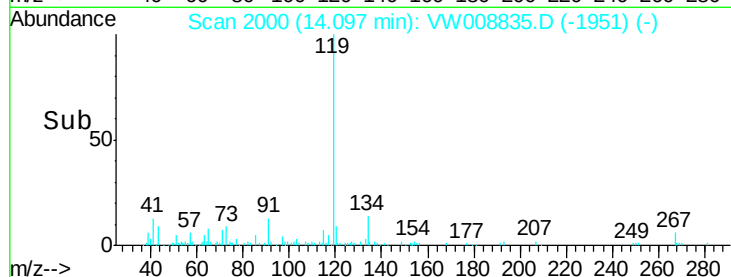
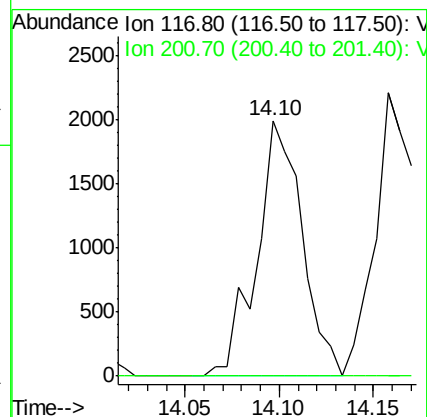
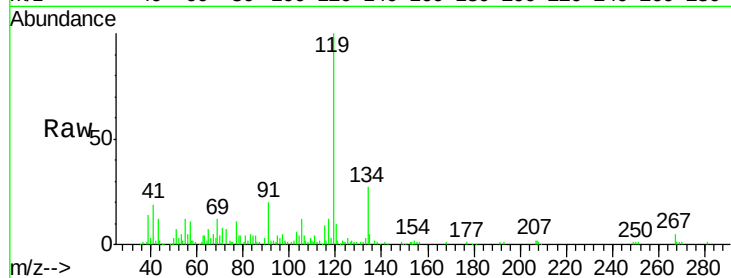
B-1(8-9)

Tot Ion:117 Resp: 3324

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.002 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW008835.D

Acq: 26 Feb 2019 17:17

Tgt Ion: 75 Resp: 380

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

157 0.0 56.6 169.9#

