

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010784.D
 Acq On : 12 Jun 2019 18:03
 Operator : SY/VA
 Sample : K3265-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-02-2.5-3.0

Quant Time: Jun 13 08:18:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	3910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	5981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	2537	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.90	113	1670	51.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.33	98	6628	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.62	95	766	14.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.58%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	177	3.330	ug/l	92
5) Bromomethane	2.80	94	217	8.046	ug/l #	73
6) Chloroethane	2.92	64	49	1.662	ug/l #	43
10) Methyl Iodide	4.29	142	68	6.321	ug/l #	41
14) Allyl chloride	4.64	41	105	1.259	ug/l #	24
15) Acrylonitrile	5.26	53	19	1.716	ug/l #	17
16) Acetone	4.13	43	792	64.136	ug/l #	71
17) Carbon Disulfide	4.38	76	230	1.916	ug/l #	74
18) Methyl Acetate	4.60	43	50	1.881	ug/l #	55
20) Methylene Chloride	4.92	84	248	5.725	ug/l #	81
25) 2-Butanone	7.16	43	48	2.803	ug/l #	53
29) Tetrahydrofuran	7.55	42	41	3.807	ug/l #	40
31) Cyclohexane	7.95	56	102	1.097	ug/l #	61
36) 1,1-Dichloropropene	7.95	75	487	7.955	ug/l #	43
37) Ethyl Acetate	7.26	43	75	2.211	ug/l #	72
38) Carbon Tetrachloride	7.95	117	383	7.247	ug/l #	13
40) Benzene	8.33	78	678	4.059	ug/l	98
41) Methacrylonitrile	7.49	41	26	1.289	ug/l #	1
43) Isopropyl Acetate	8.45	43	85	1.297	ug/l #	55
48) Methyl methacrylate	9.44	41	47	1.487	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	84	2.509	ug/l #	39
52) Toluene	10.39	92	171	1.664	ug/l	95
59) 2-Hexanone	10.96	43	71	2.934	ug/l #	28
67) Ethyl Benzene	11.72	91	442	3.952	ug/l	97
69) o-Xylene	12.17	106	50	1.317	ug/l	57
73) Isopropylbenzene	12.47	105	272	7.920	ug/l #	49
74) N-amyl acetate	12.29	43	82	7.388	ug/l #	57
76) 1,2,3-Trichloropropane	12.63	75	410	85.432	ug/l #	100
79) 2-Chlorotoluene	12.90	91	68	2.874	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	283	10.068	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.63	75	410	196.351	ug/l #	5
82) 4-Chlorotoluene	12.98	91	48	1.966	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.24	105	213	7.530	ug/l	69
85) sec-Butylbenzene	13.24	105	213	6.132	ug/l #	57

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010784.D
Acq On : 12 Jun 2019 18:03
Operator : SY/VA
Sample : K3265-07
Misc : 5.01G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

Quant Time: Jun 13 08:18:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

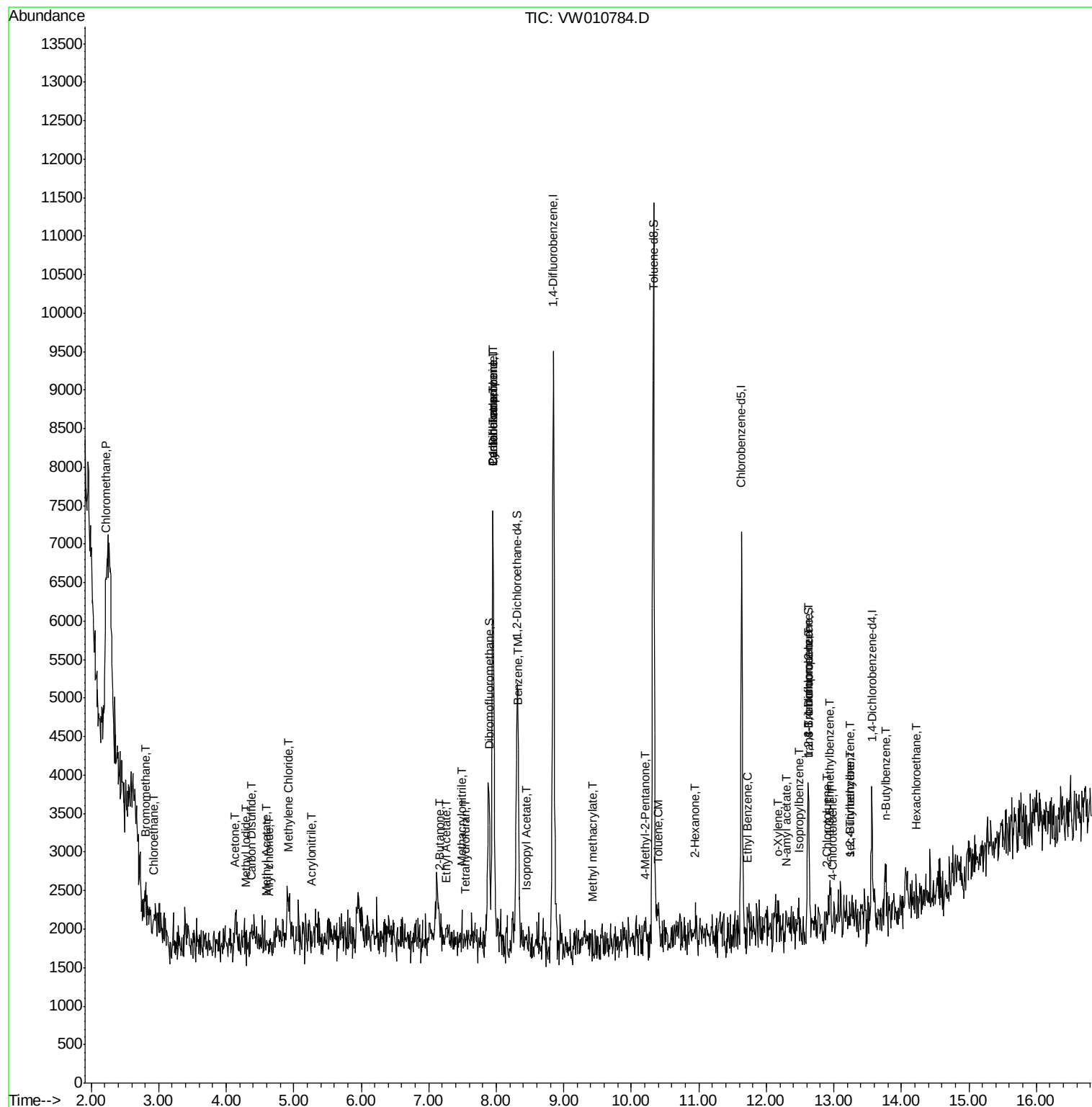
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.77	91	80	2.581	ug/l #	32
90) Hexachloroethane	14.22	117	97	17.438	ug/l #	11

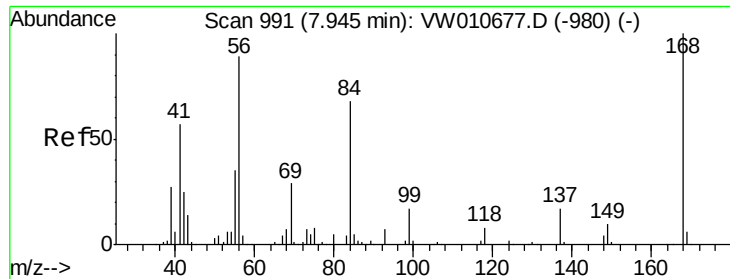
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010784.D
Acq On : 12 Jun 2019 18:03
Operator : SY/VA
Sample : K3265-07
Misc : 5.01G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

Quant Time: Jun 13 08:18:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

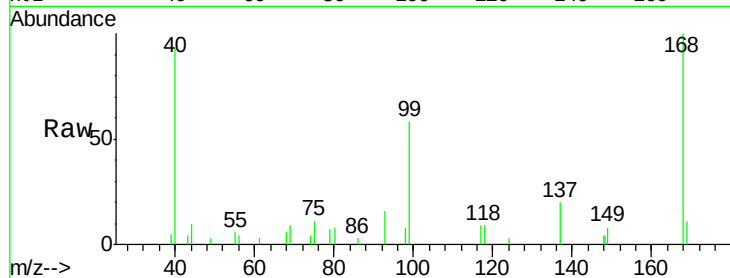
B-02-2.5-3.0

Tot Ion:168 Resp: 3910

Ion Ratio Lower Upper

168 100

99 57.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

1500

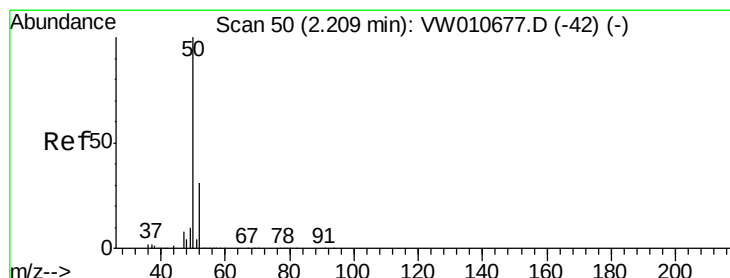
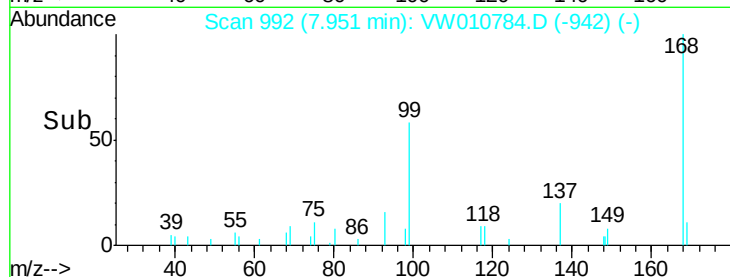
1000

500

0

7.90 7.95 8.00

Time-->



#3

Chloromethane

Concen: 3.330 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010784.D

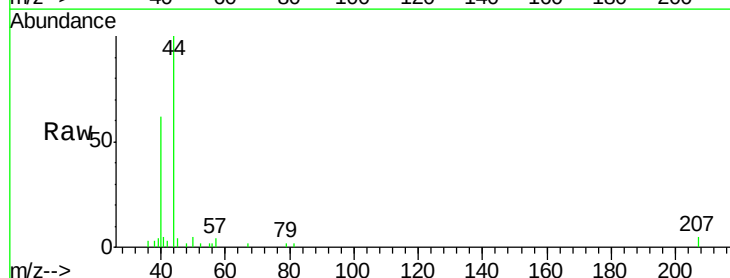
Acq: 12 Jun 2019 18:03

Tgt Ion: 50 Resp: 177

Ion Ratio Lower Upper

50 100

52 36.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150

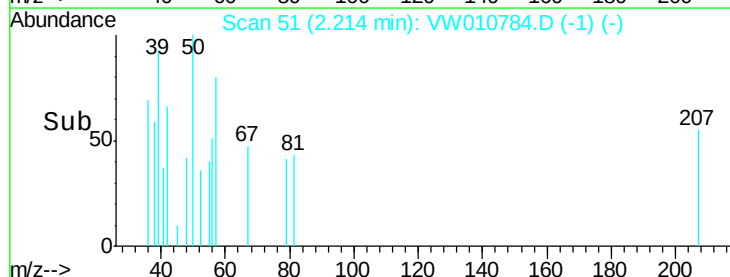
100

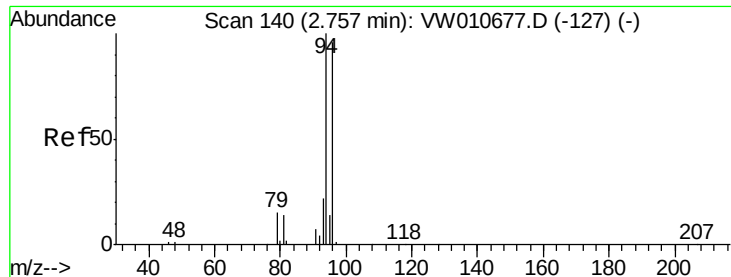
50

0

2.18 2.20 2.22 2.24

Time-->





#5

Bromomethane

Concen: 8.046 ug/l

RT: 2.80 min Scan# 147

Delta R.T. 0.04 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

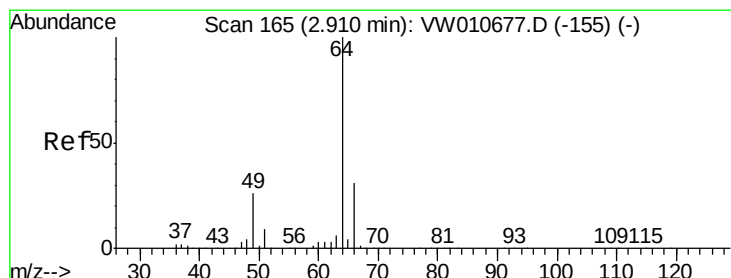
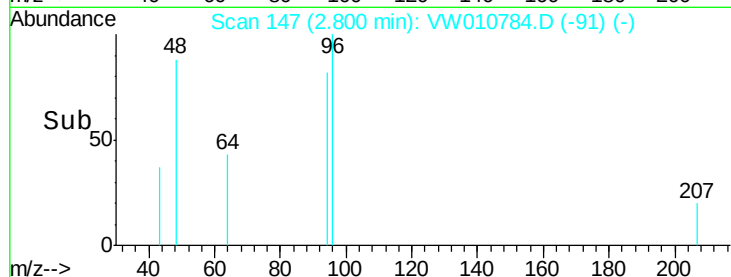
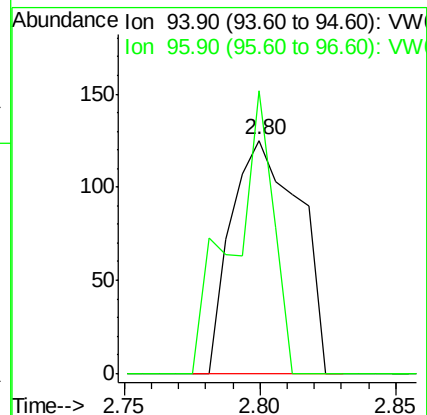
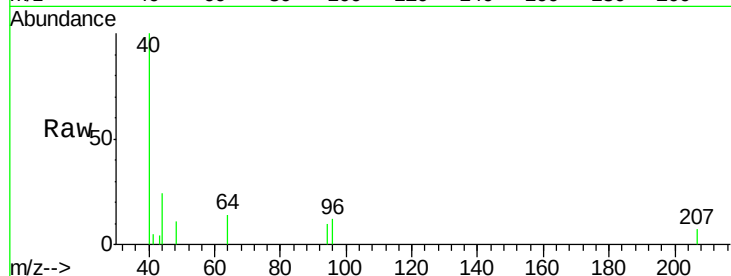
B-02-2.5-3.0

Tot Ion: 94 Resp: 217

Ion Ratio Lower Upper

94 100

96 121.6 76.5 114.7#



#6

Chloroethane

Concen: 1.662 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010784.D

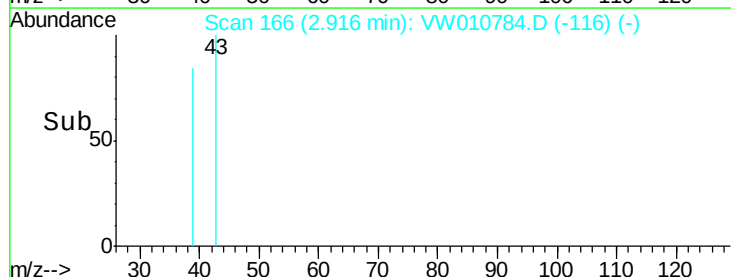
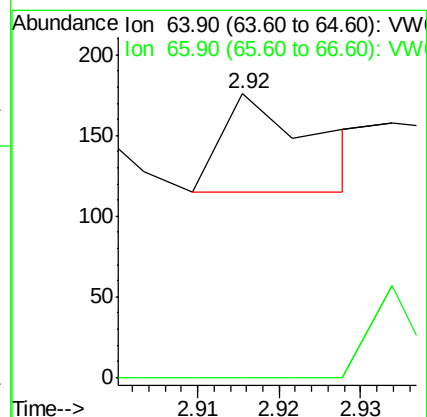
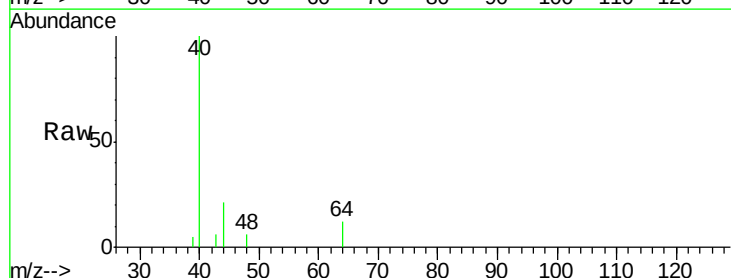
Acq: 12 Jun 2019 18:03

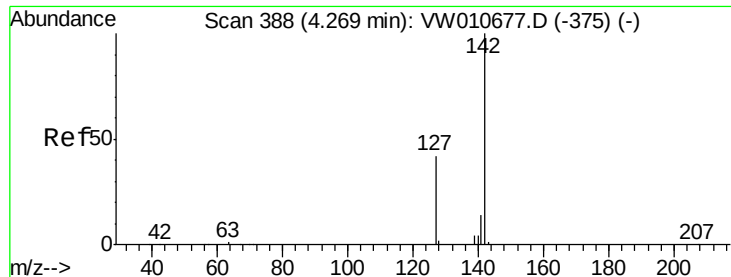
Tgt Ion: 64 Resp: 49

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

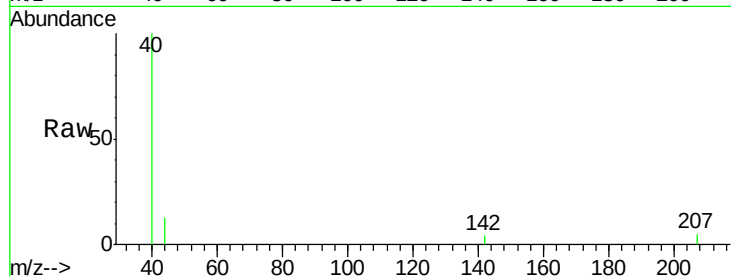




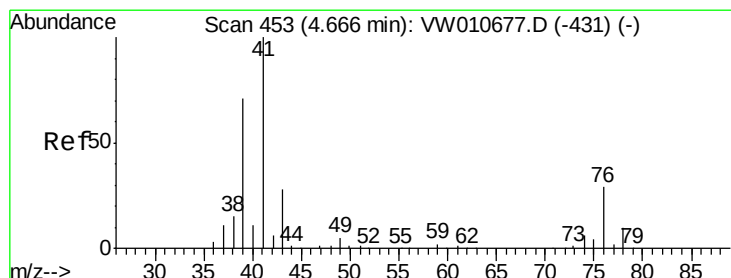
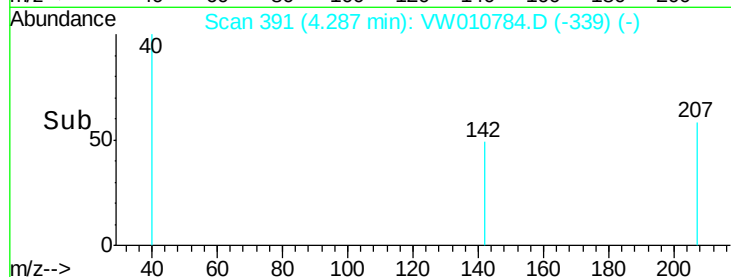
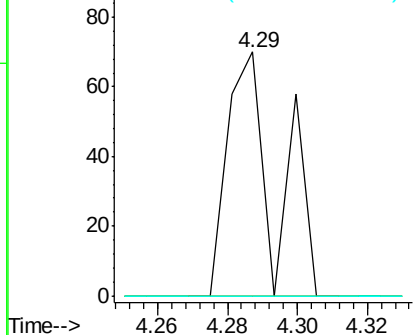
#10
Methyl Iodide
Concen: 6.321 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.02 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

Tot Ion: 142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 0.0 11.6 17.4#

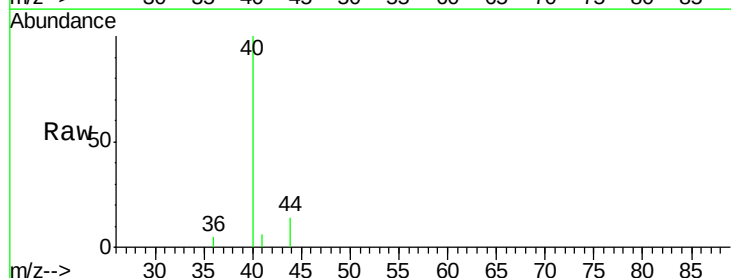


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

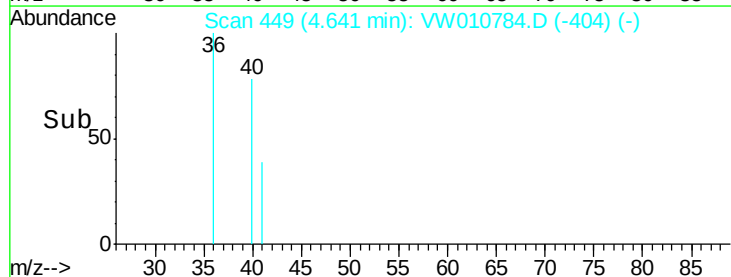
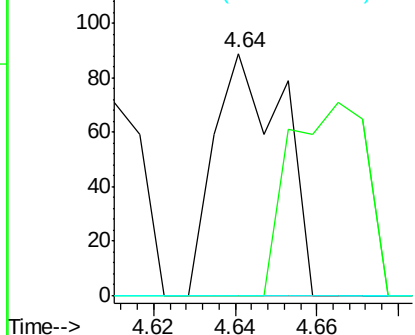


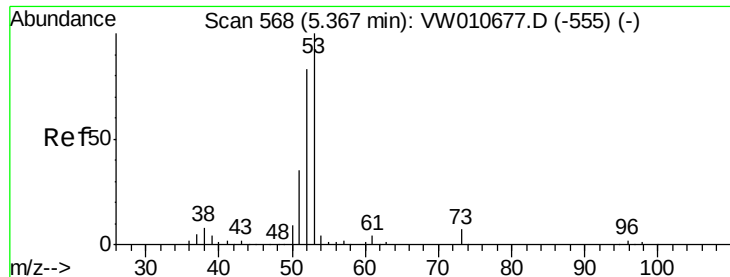
#14
Allyl chloride
Concen: 1.259 ug/l
RT: 4.64 min Scan# 449
Delta R.T. -0.02 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion: 41 Resp: 105
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW

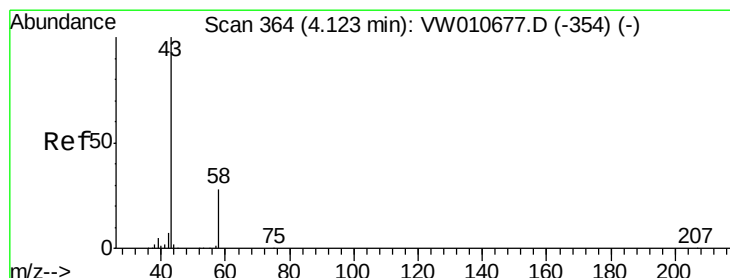
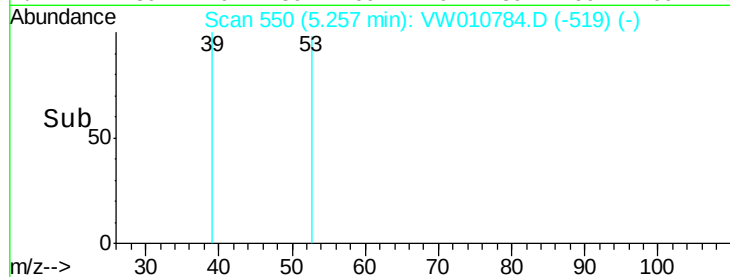
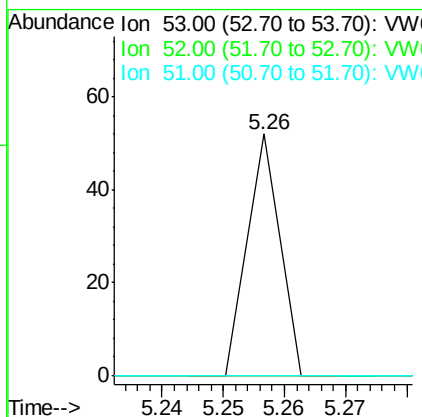
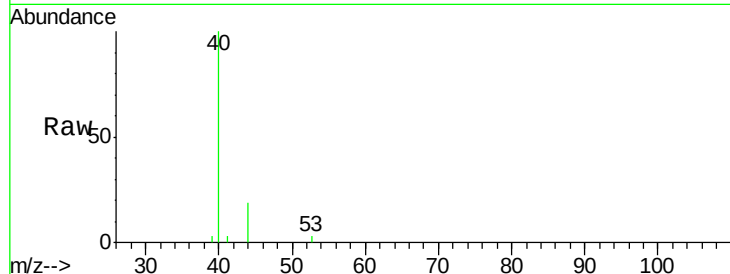




#15
 Acrylonitrile
 Concen: 1.716 ug/l
 RT: 5.26 min Scan# 550
 Delta R.T. -0.11 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

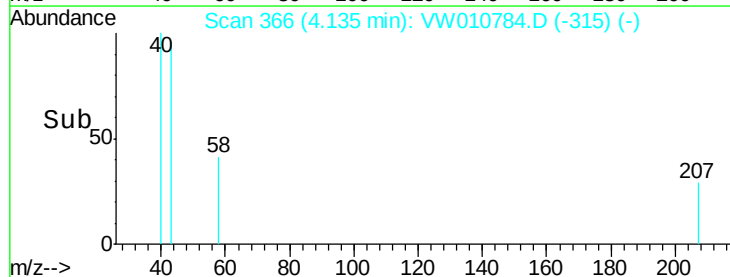
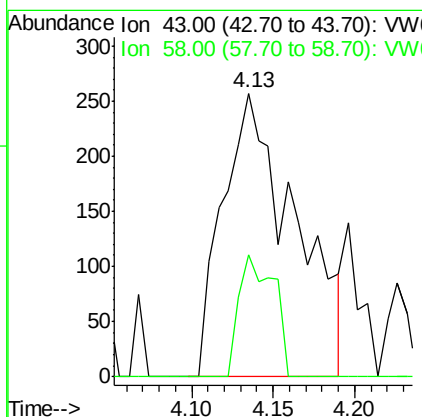
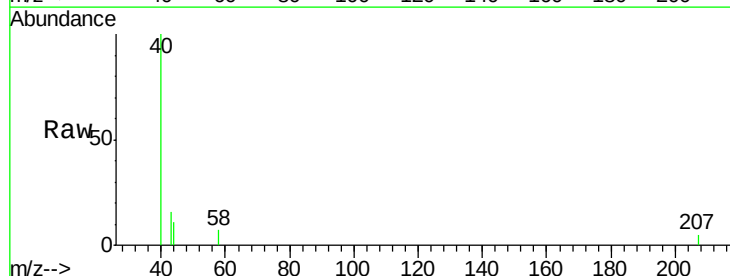
Instrument :
 MSVOA_W
 ClientSampled :
 B-02-2.5-3.0

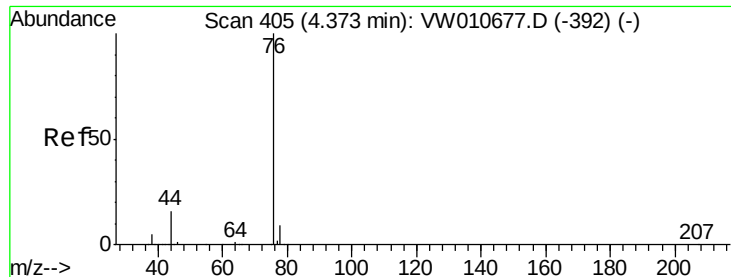
Tot Ion	53	Resp	19
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	100.0#
51	0.0	29.8	44.8#



#16
 Acetone
 Concen: 64.136 ug/l
 RT: 4.13 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

Tgt Ion	43	Resp	792
Ion	Ratio	Lower	Upper
43	100		
58	42.8	22.1	33.1#





#17

Carbon Disulfide

Concen: 1.916 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

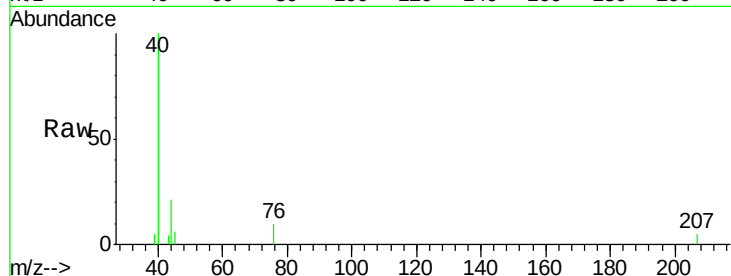
B-02-2.5-3.0

Tot Ion: 76 Resp: 230

Ion Ratio Lower Upper

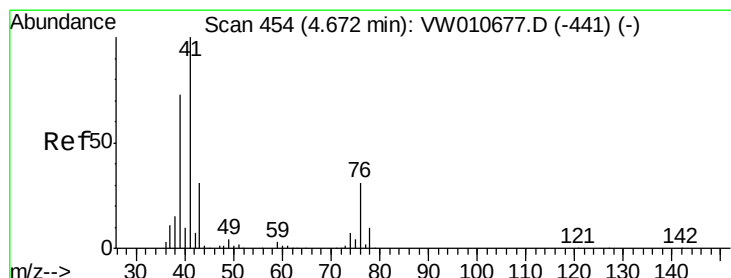
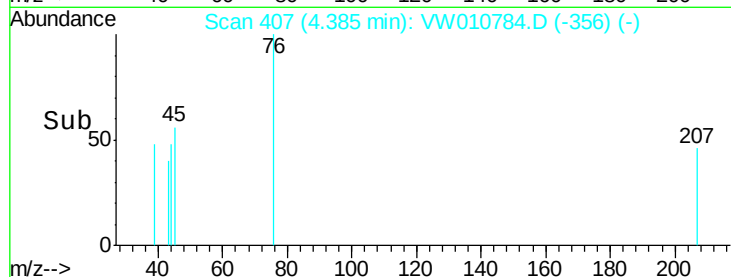
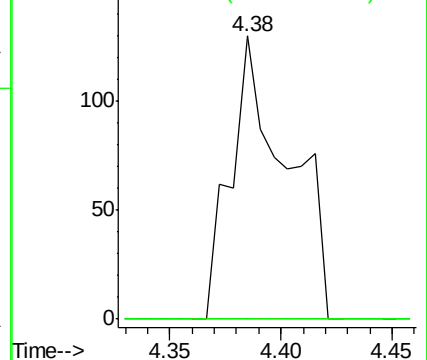
76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 1.881 ug/l

RT: 4.60 min Scan# 443

Delta R.T. -0.07 min

Lab File: VW010784.D

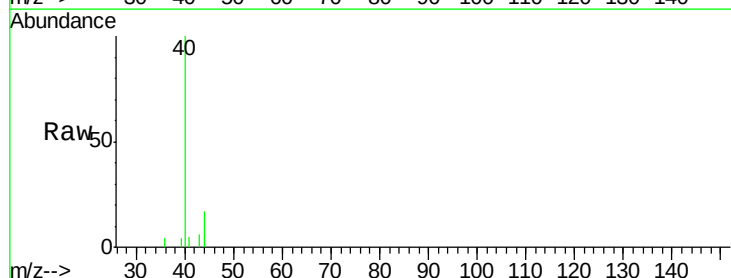
Acq: 12 Jun 2019 18:03

Tgt Ion: 43 Resp: 50

Ion Ratio Lower Upper

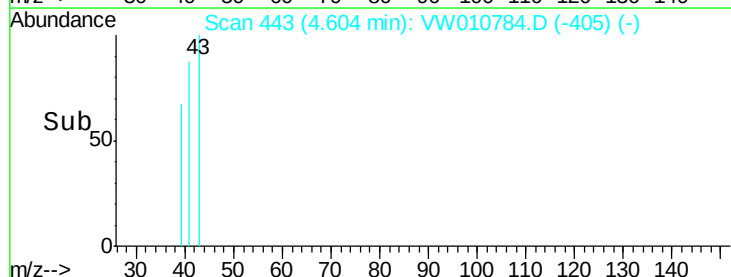
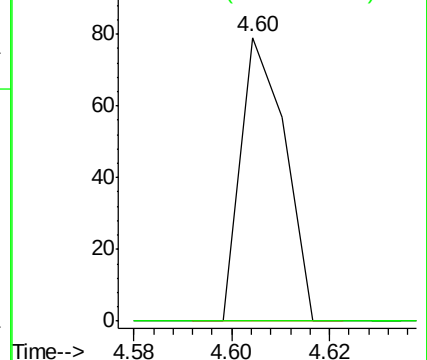
43 100

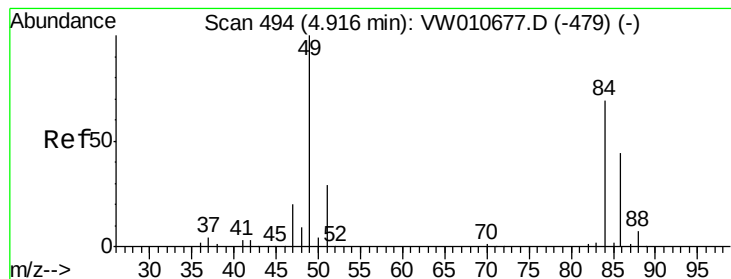
74 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 5.725 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

B-02-2.5-3.0

Tot Ion: 84 Resp: 248

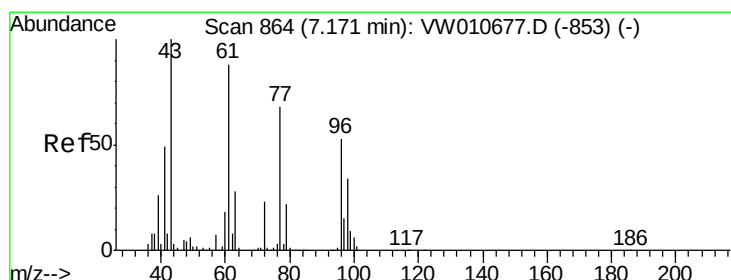
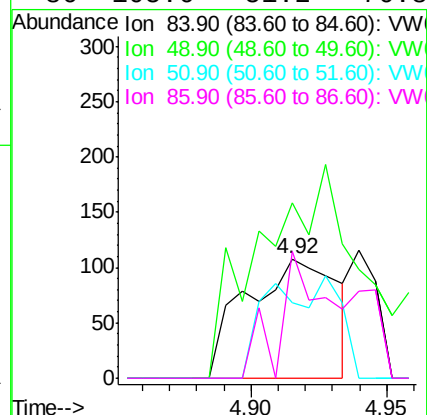
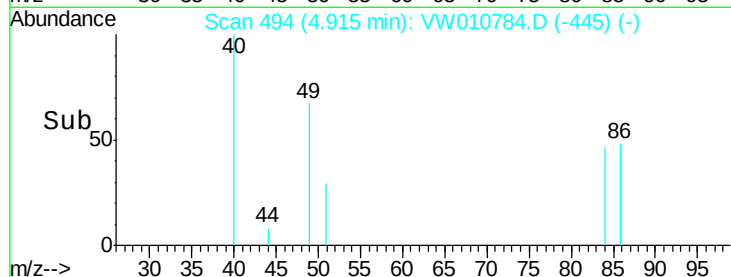
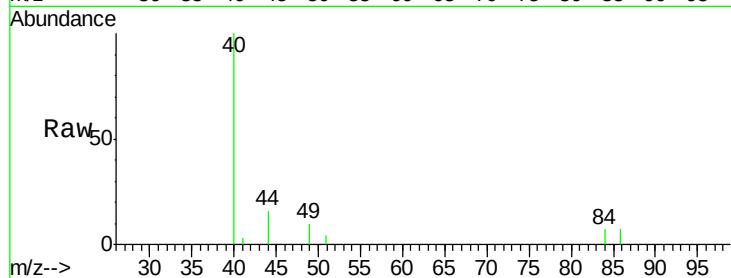
Ion Ratio Lower Upper

84 100

49 146.3 116.7 175.1

51 63.0 34.2 51.2#

86 105.6 51.2 76.8#



#25

2-Butanone

Concen: 2.803 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010784.D

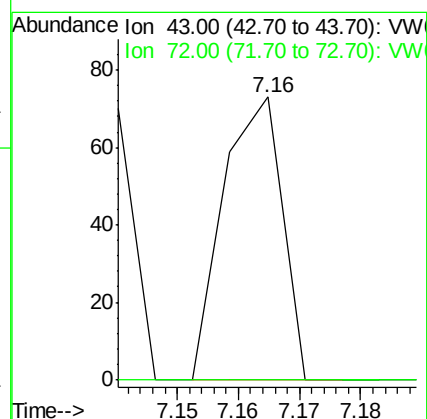
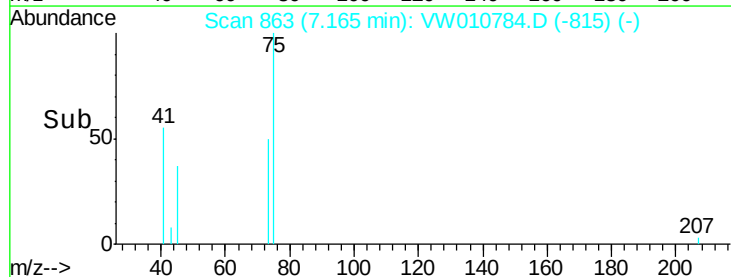
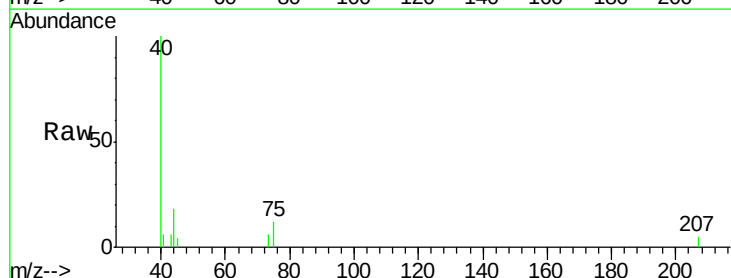
Acq: 12 Jun 2019 18:03

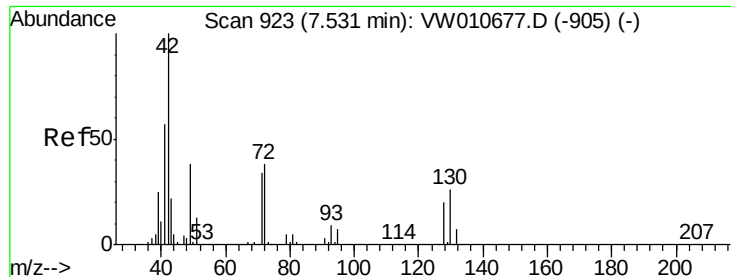
Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#

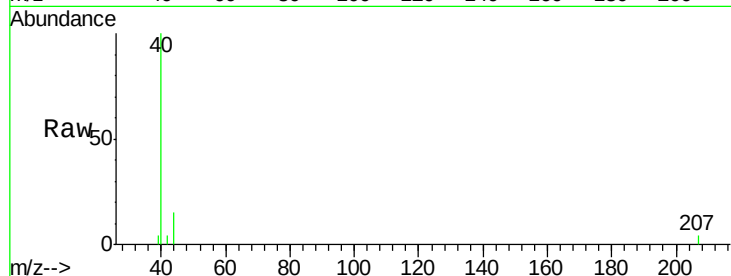




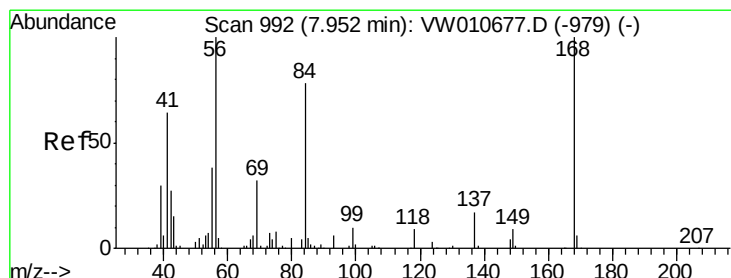
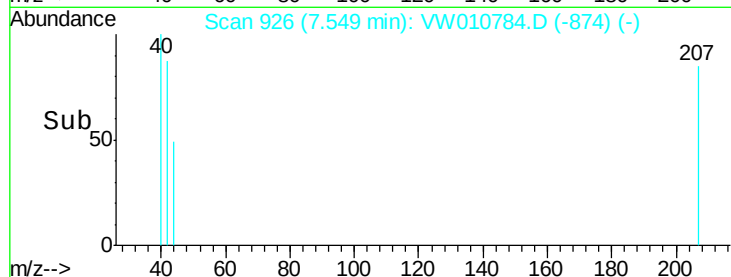
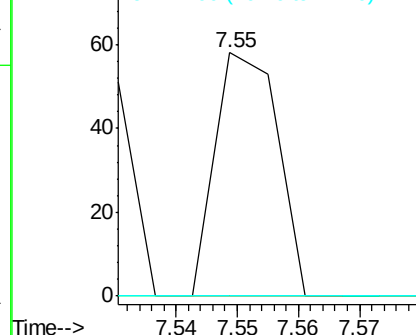
#29
Tetrahydrofuran
Concen: 3.807 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.7	43.1#
71	0.0	26.6	39.8#

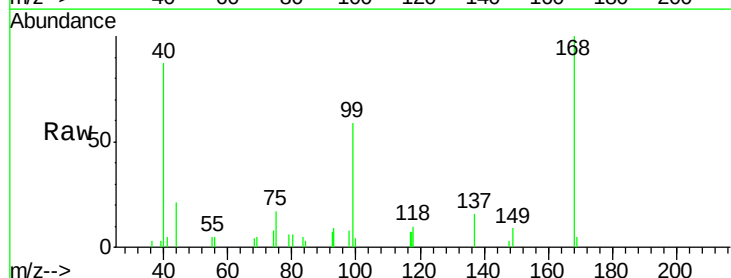


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

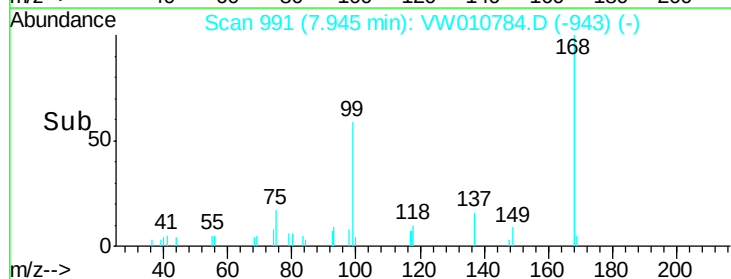
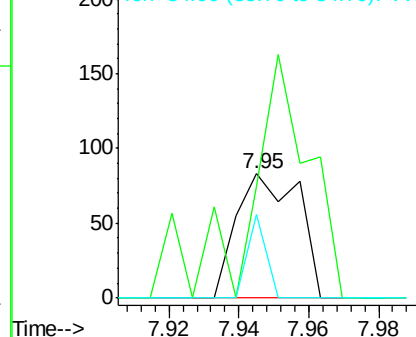


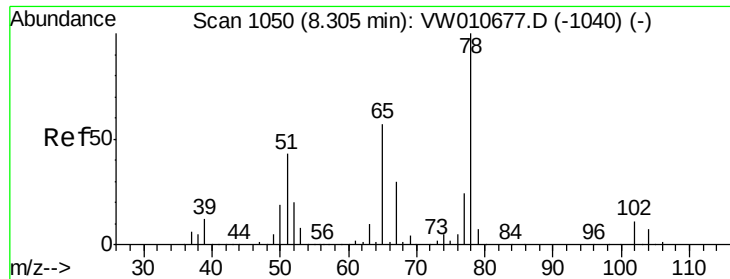
#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	90.4	25.2	37.8#
84	67.5	62.2	93.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

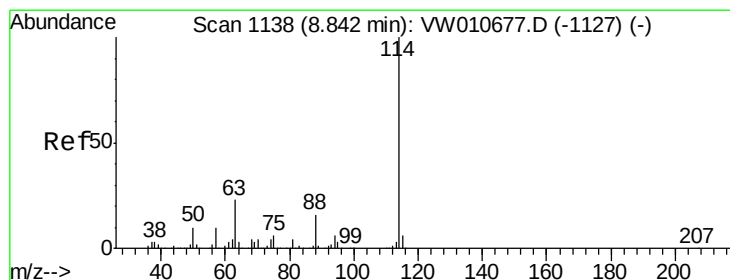
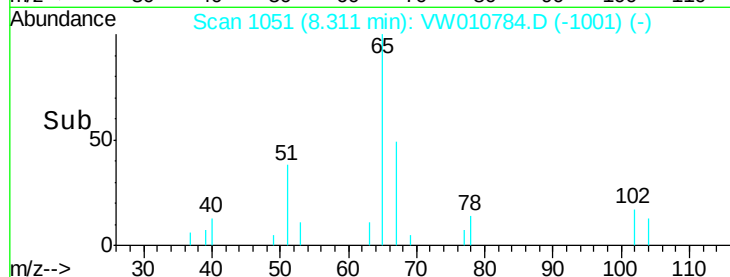
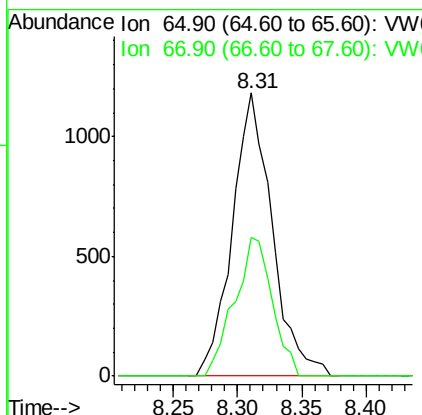
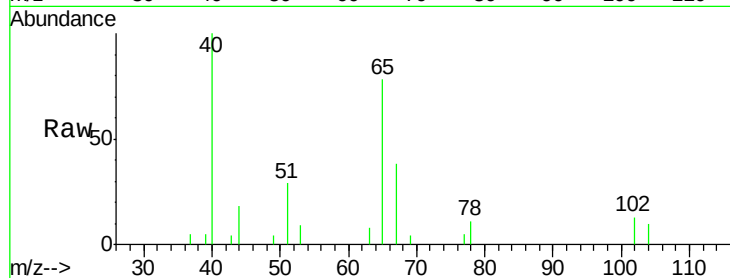




#33
 1,2-Dichloroethane-d4
 Concen: 55.049 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

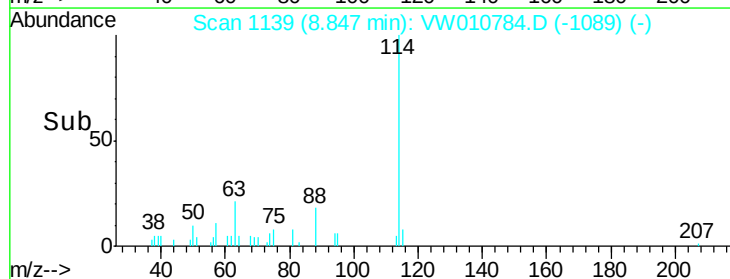
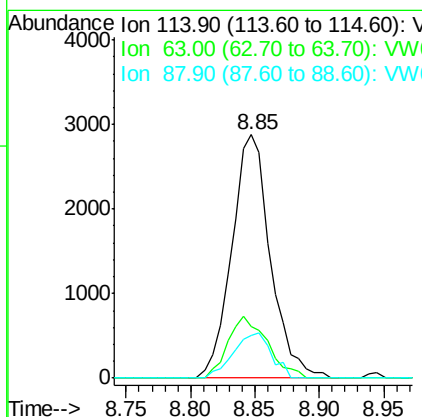
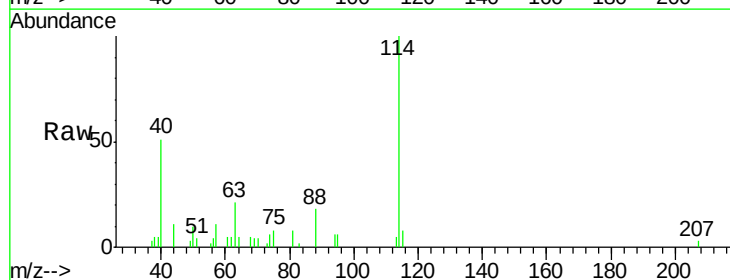
Instrument :
 MSVOA_W
 ClientSampleId :
 B-02-2.5-3.0

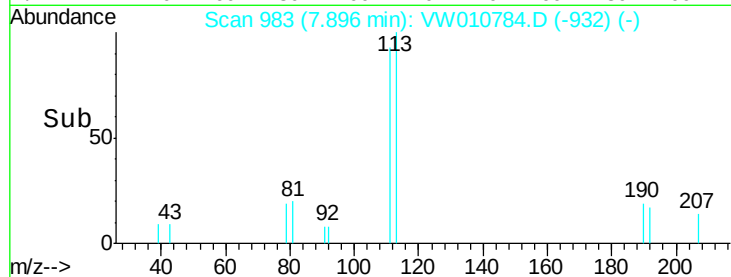
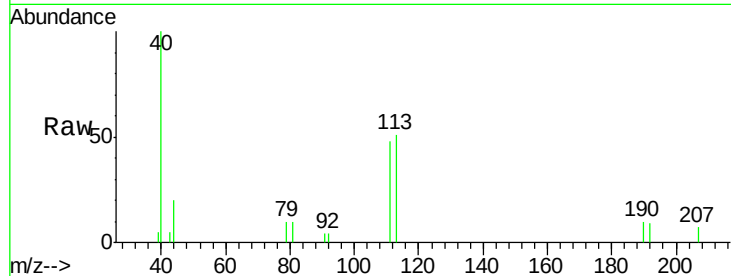
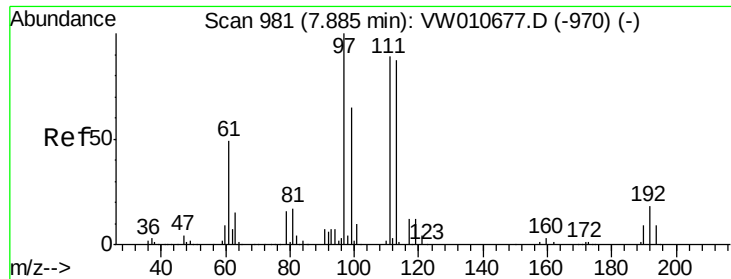
Tot Ion: 65 Resp: 2537
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

Tgt Ion: 114 Resp: 5981
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 46.4
 88 17.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.442 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

B-02-2.5-3.0

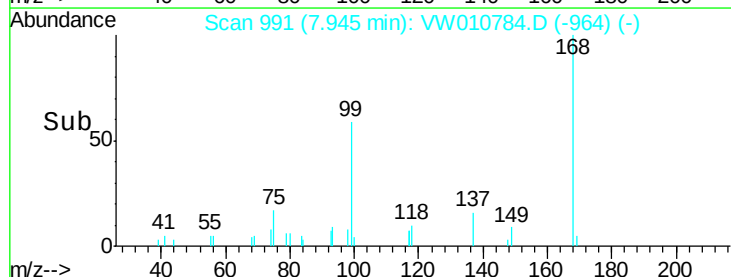
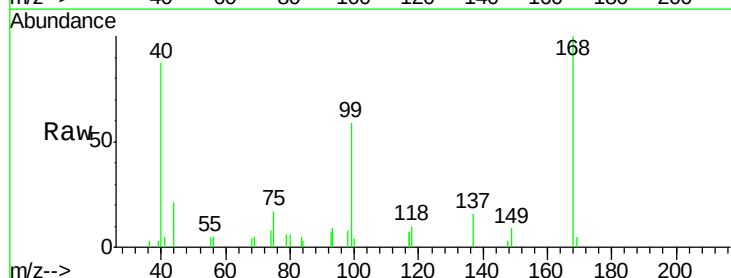
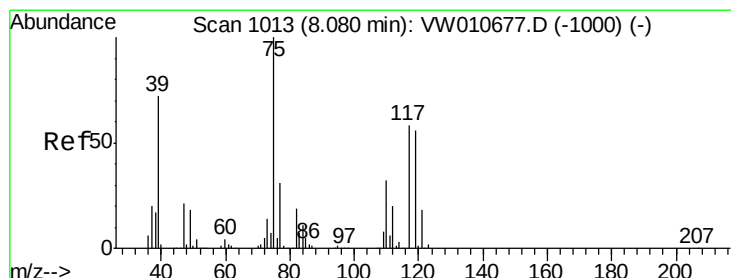
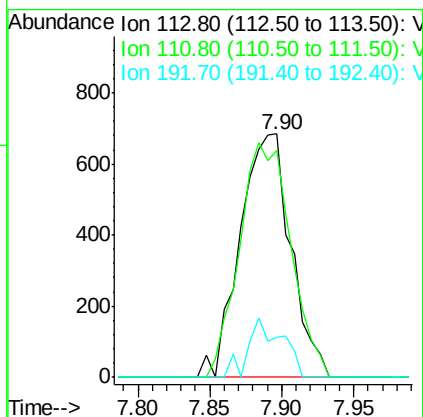
Tot Ion:113 Resp: 1670

Ion Ratio Lower Upper

113 100

111 97.7 82.6 123.8

192 16.2 16.4 24.6#



#36

1,1-Dichloropropene

Concen: 7.955 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

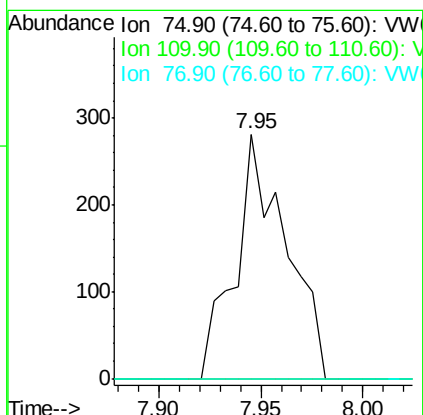
Tgt Ion: 75 Resp: 487

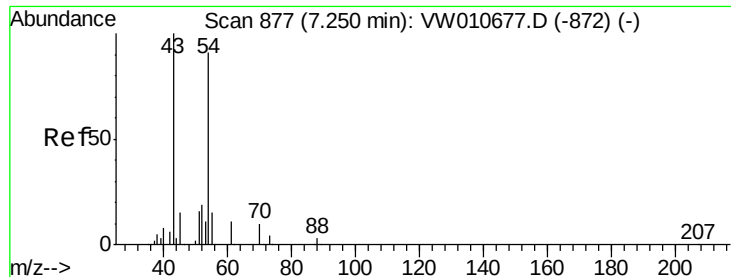
Ion Ratio Lower Upper

75 100

110 0.0 15.8 47.3#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.211 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

B-02-2.5-3.0

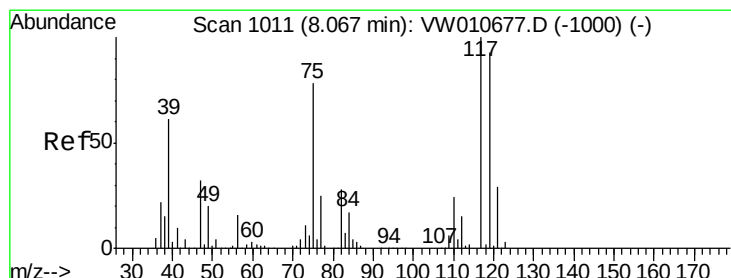
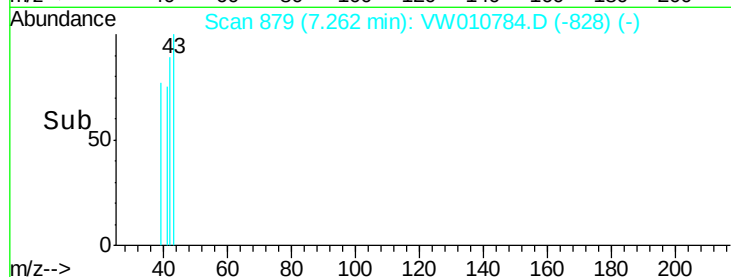
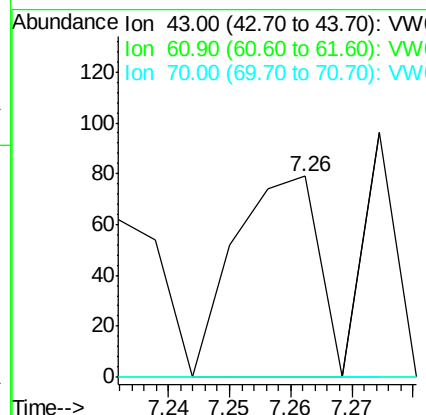
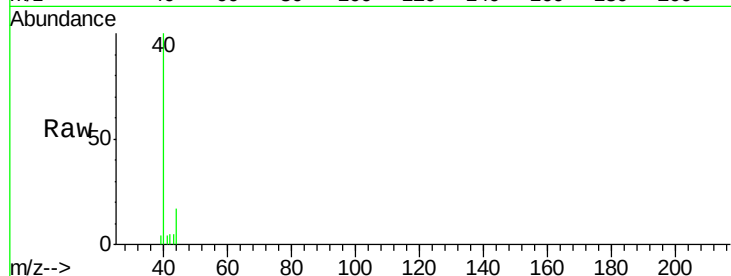
Tot Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 7.247 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

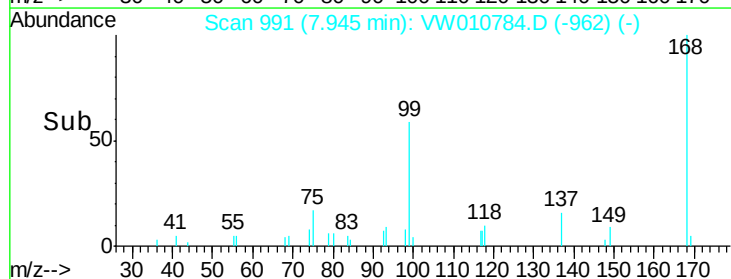
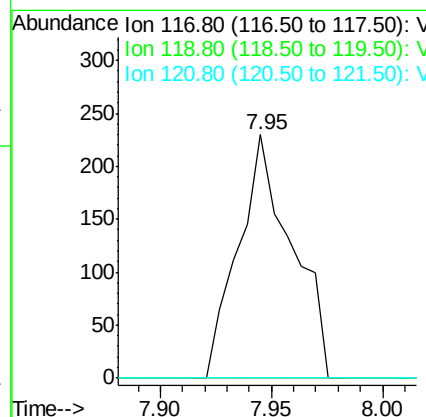
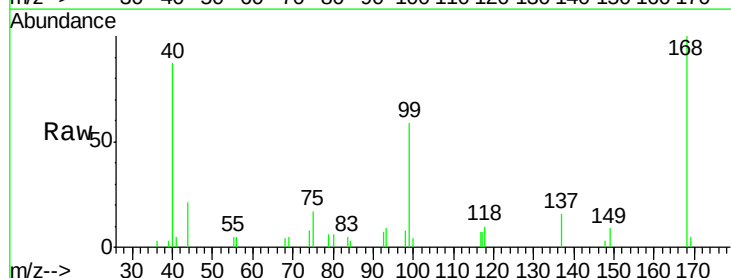
Tgt Ion: 117 Resp: 383

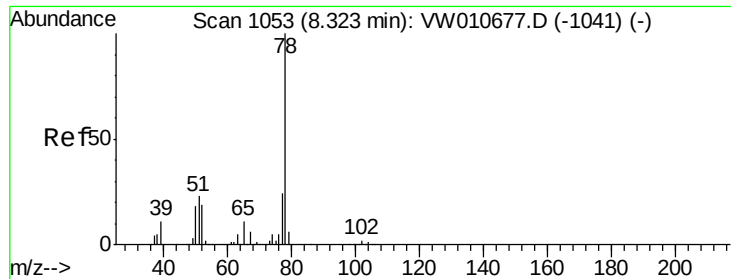
Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.4#

121 0.0 22.9 34.3#





#40

Benzene

Concen: 4.059 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

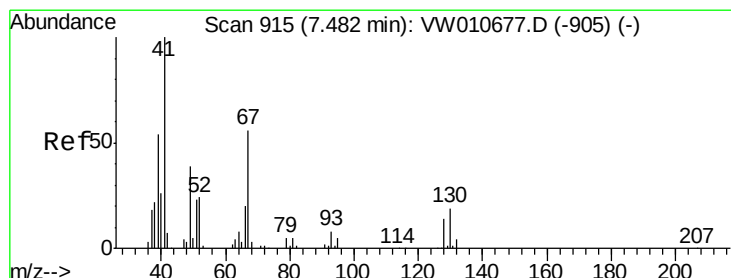
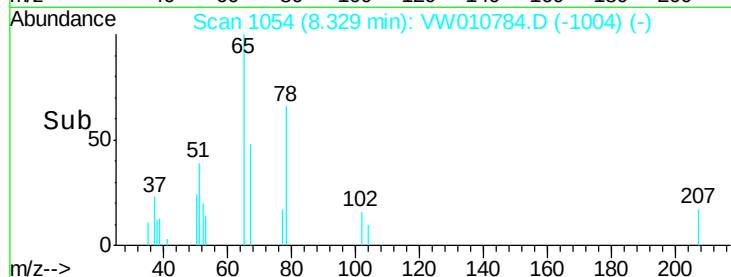
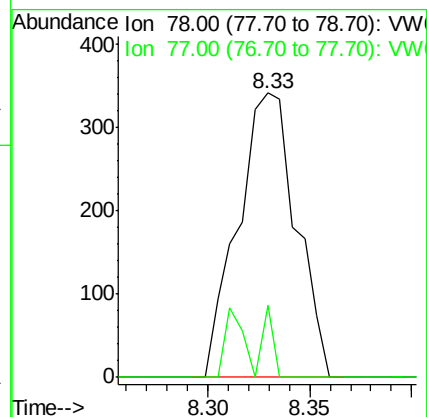
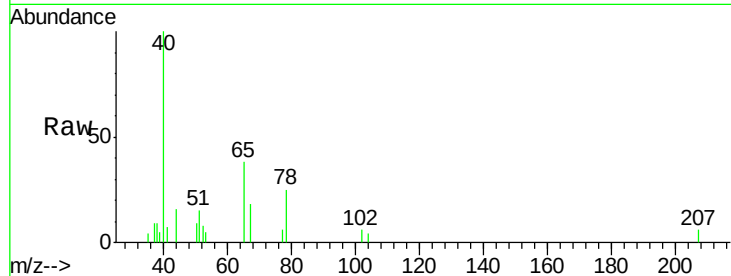
B-02-2.5-3.0

Tot Ion: 78 Resp: 678

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7



#41

Methacrylonitrile

Concen: 1.289 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Tgt Ion: 41 Resp: 26

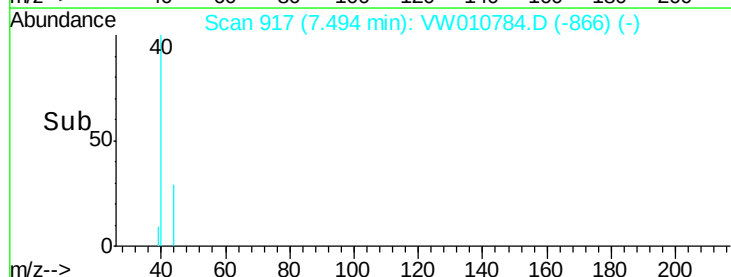
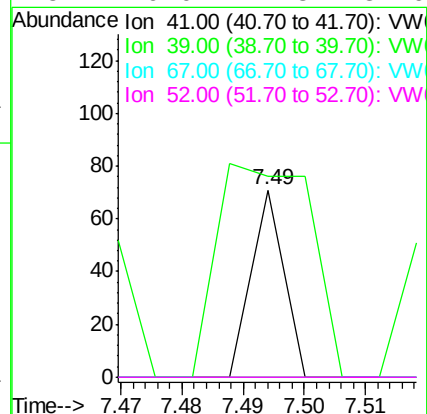
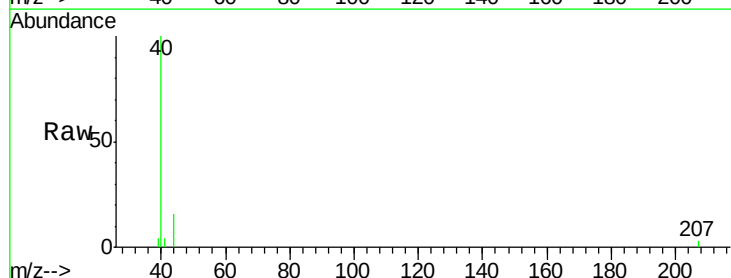
Ion Ratio Lower Upper

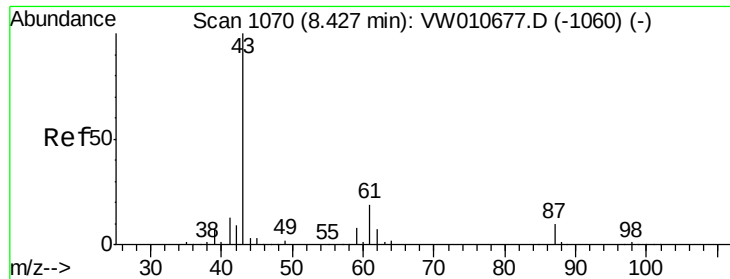
41 100

39 326.9 47.3 70.9#

67 0.0 47.2 70.8#

52 0.0 21.3 31.9#





#43

Isopropyl Acetate

Concen: 1.297 ug/l

RT: 8.45 min Scan# 1074

Delta R.T. 0.02 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

B-02-2.5-3.0

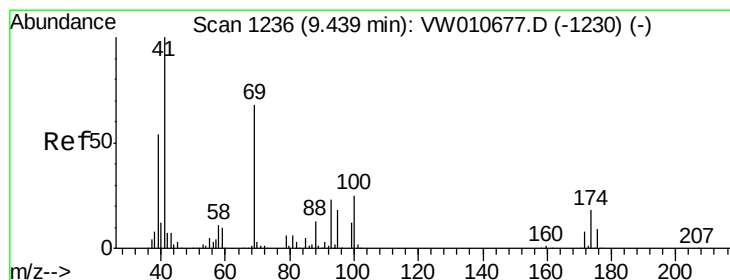
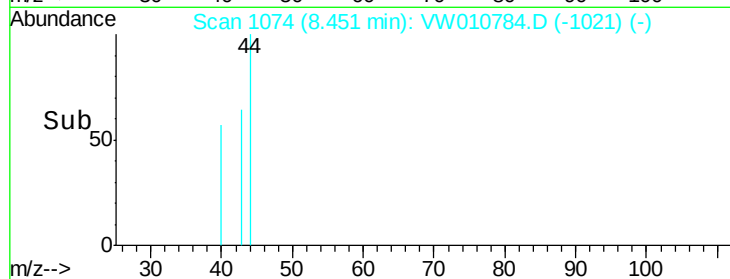
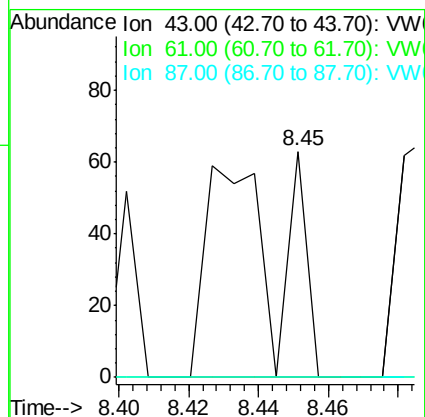
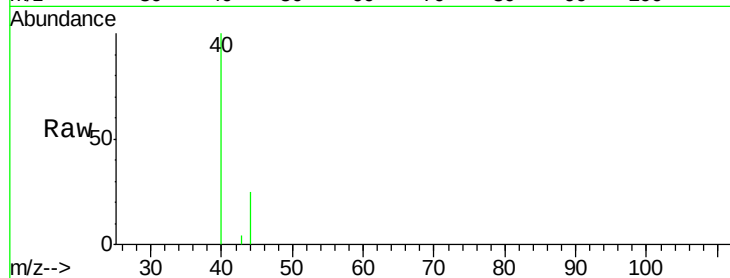
Tot Ion: 43 Resp: 85

Ion Ratio Lower Upper

43 100

61 0.0 21.2 31.8#

87 0.0 8.3 12.5#



#48

Methyl methacrylate

Concen: 1.487 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

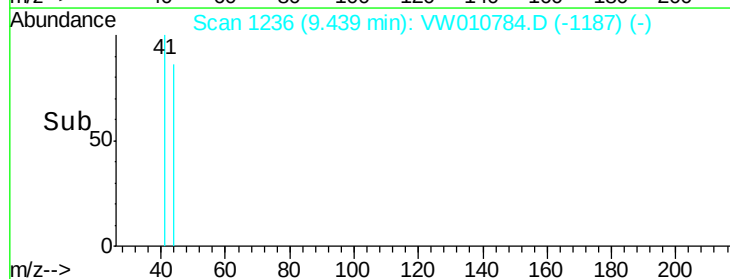
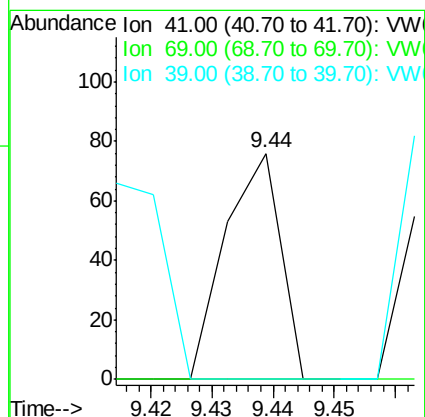
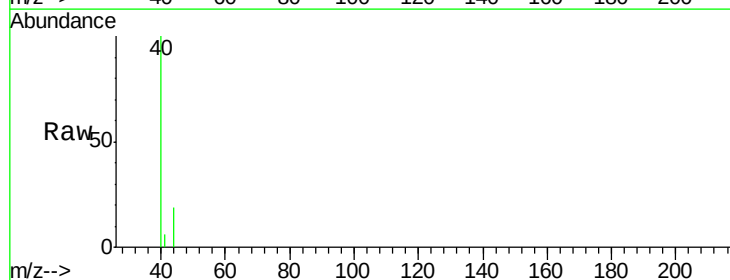
Tgt Ion: 41 Resp: 47

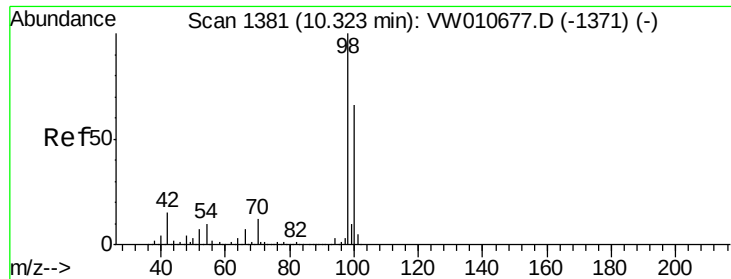
Ion Ratio Lower Upper

41 100

69 0.0 56.6 85.0#

39 0.0 44.4 66.6#





#50

Toluene-d8

Concen: 46.559 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

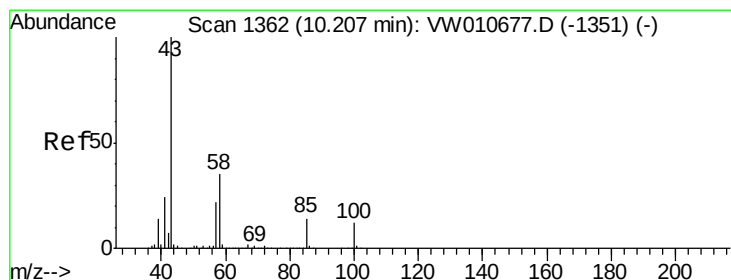
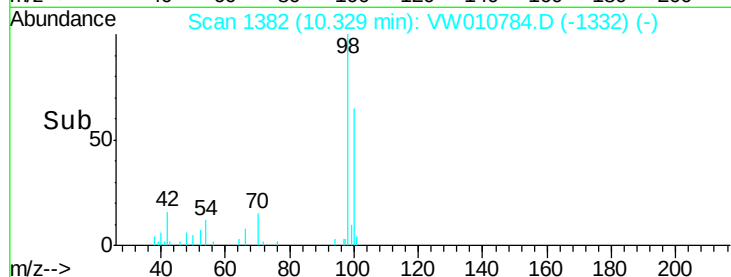
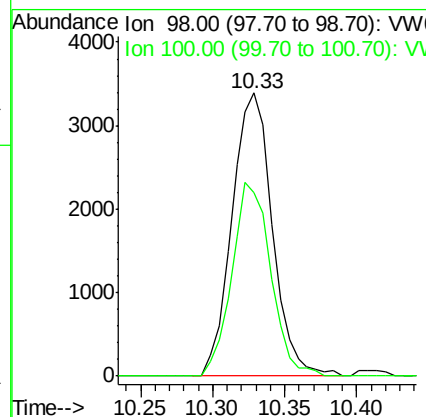
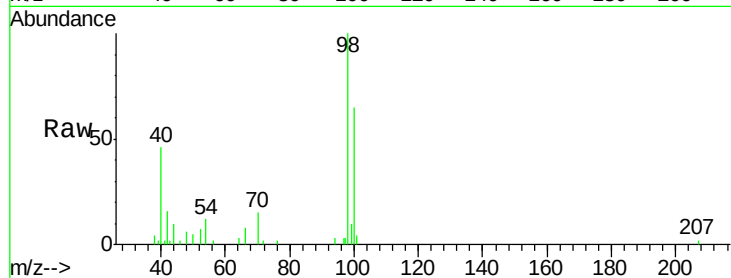
B-02-2.5-3.0

Tot Ion: 98 Resp: 6628

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 2.509 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010784.D

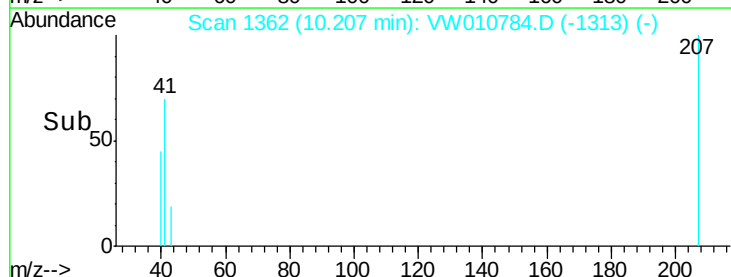
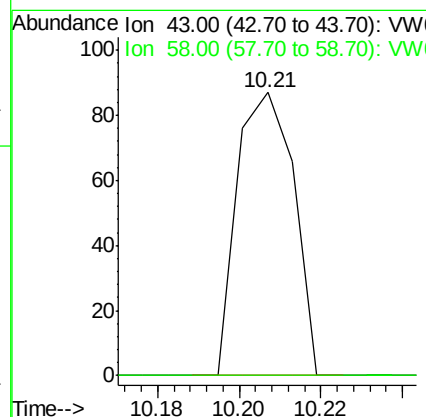
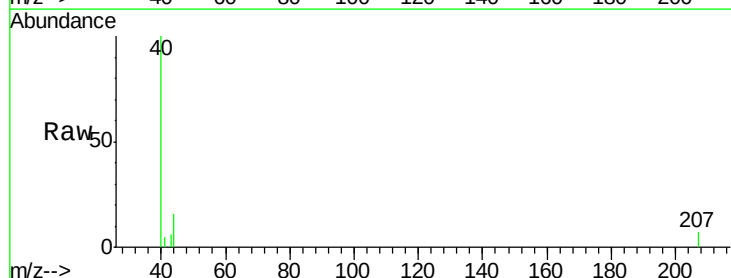
Acq: 12 Jun 2019 18:03

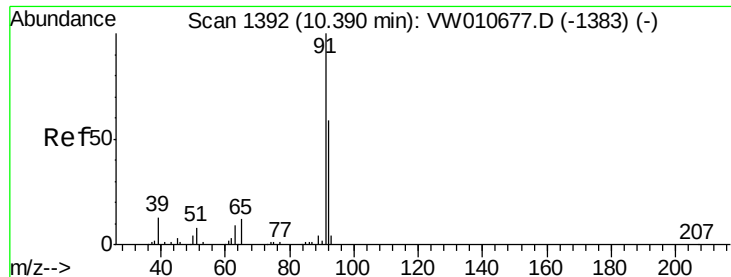
Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#





#52

Toluene

Concen: 1.664 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

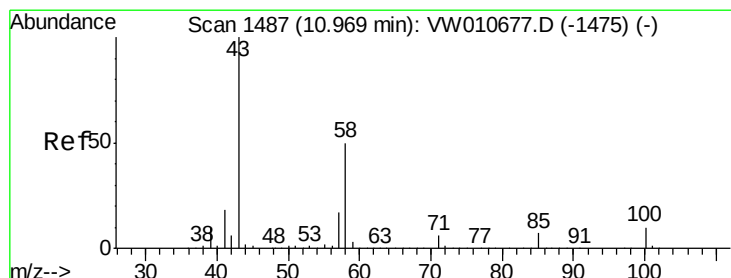
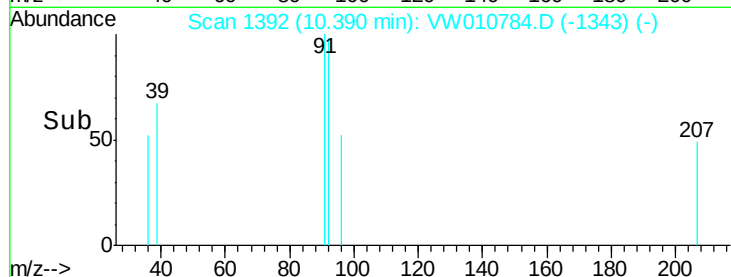
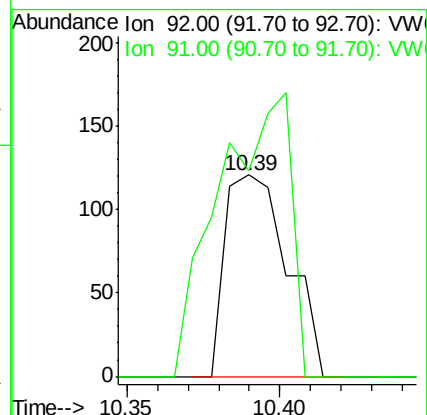
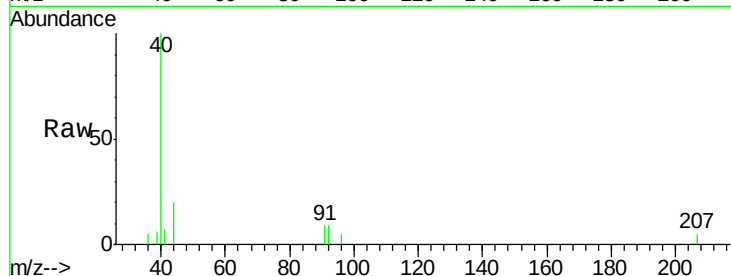
B-02-2.5-3.0

Tot Ion: 92 Resp: 171

Ion Ratio Lower Upper

92 100

91 162.0 134.9 202.3



#59

2-Hexanone

Concen: 2.934 ug/l

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW010784.D

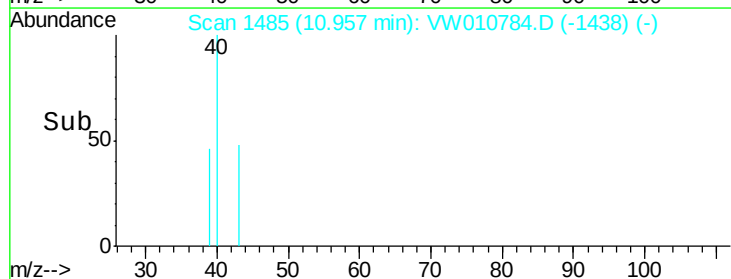
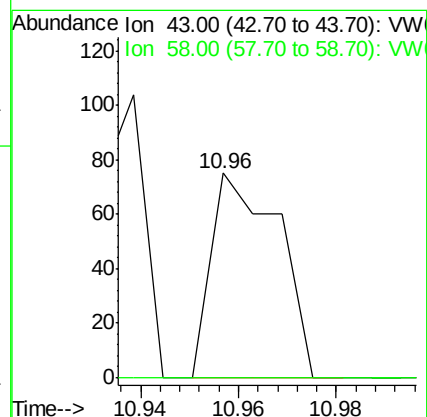
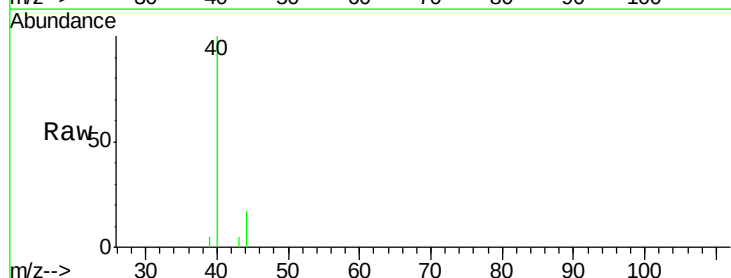
Acq: 12 Jun 2019 18:03

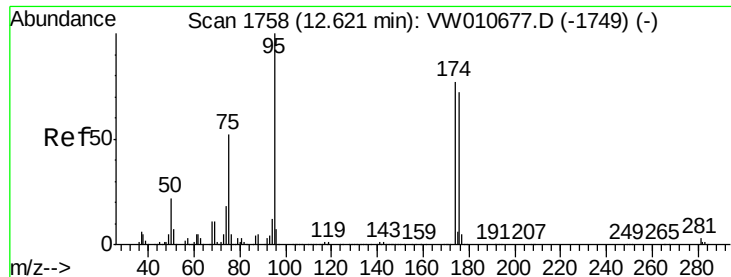
Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

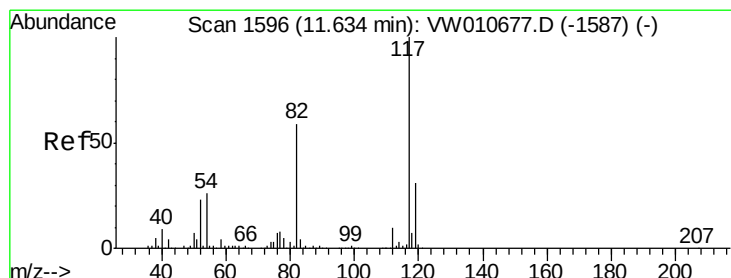
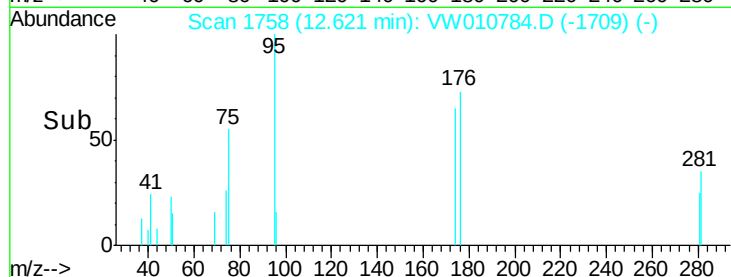
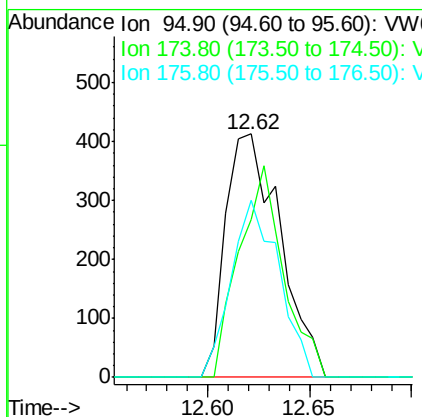
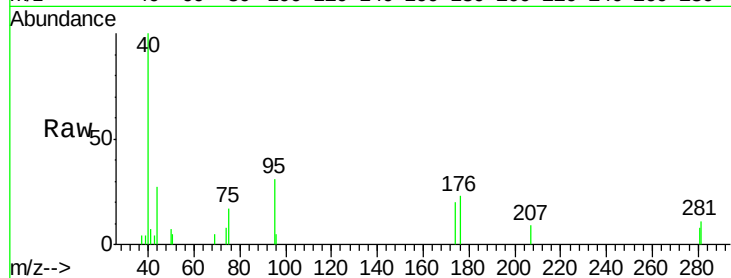




#62
4-Bromofluorobenzene
Concen: 14.787 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

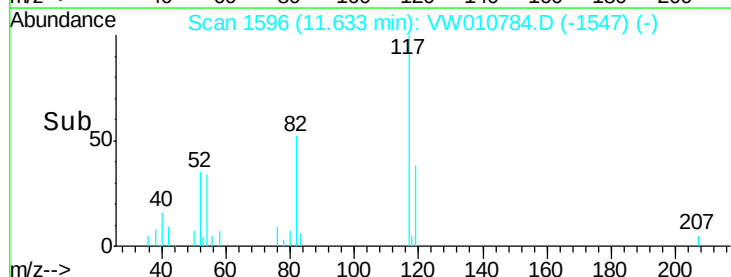
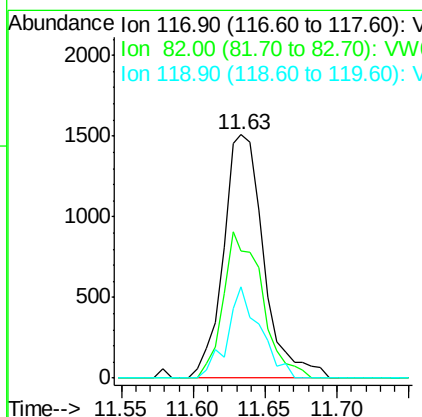
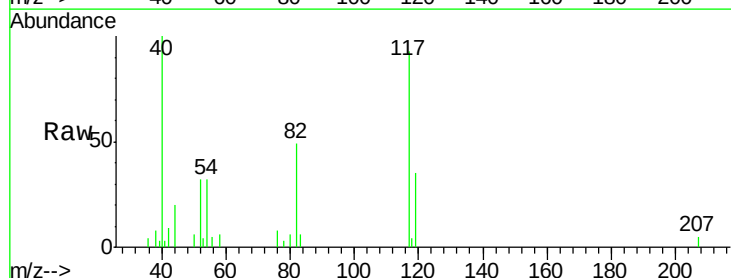
Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

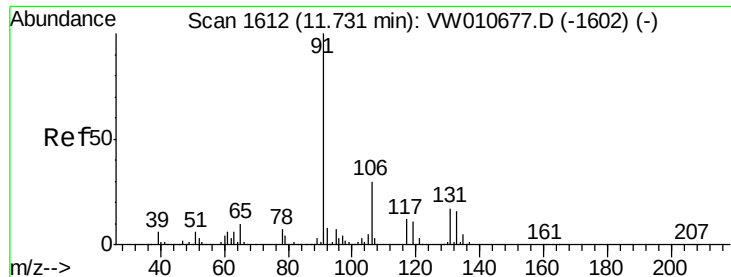
Tot Ion: 95 Resp: 766
Ion Ratio Lower Upper
95 100
174 70.9 0.0 150.4
176 63.6 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion: 117 Resp: 2959
Ion Ratio Lower Upper
117 100
82 52.5 47.0 70.4
119 37.5 25.1 37.7

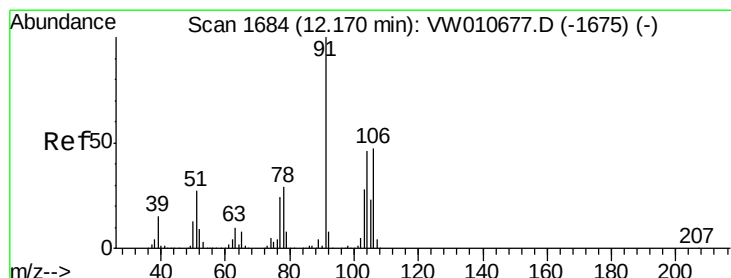
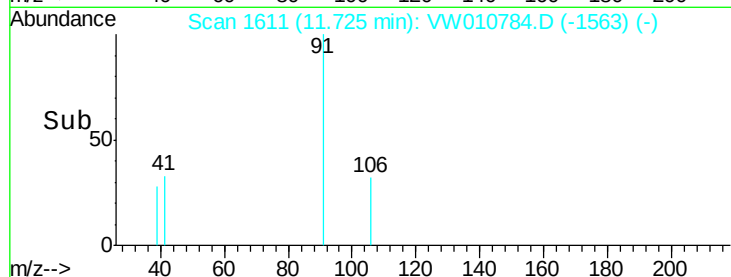
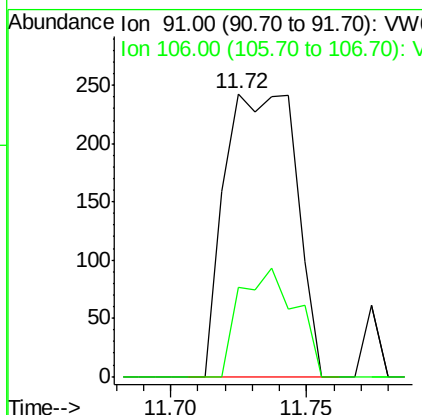
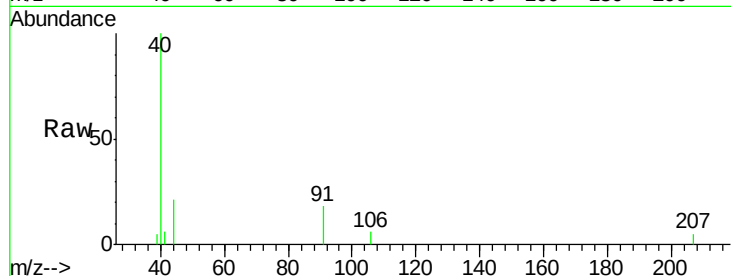




#67
Ethyl Benzene
Concen: 3.952 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

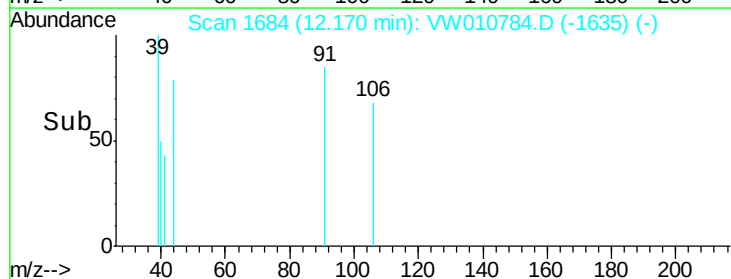
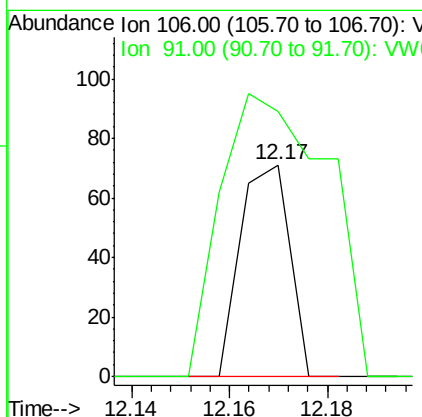
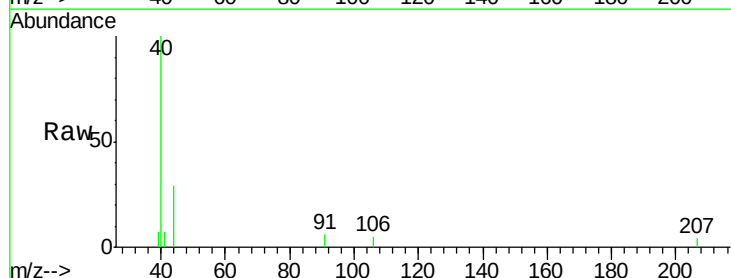
Instrument :
MSVOA_W
ClientSampled :
B-02-2.5-3.0

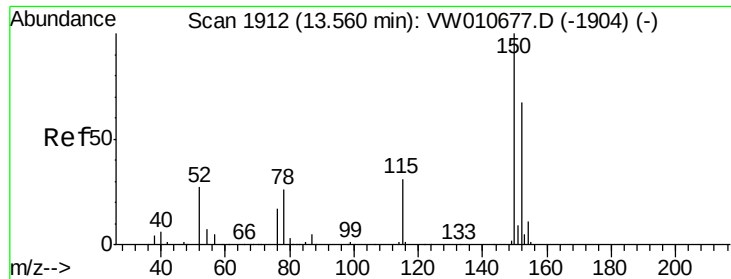
Tot Ion: 91 Resp: 442
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#69
o-Xylene
Concen: 1.317 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion: 106 Resp: 50
Ion Ratio Lower Upper
106 100
91 286.0 108.9 326.6



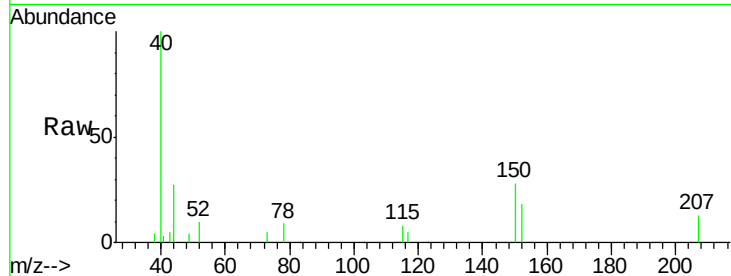


#72

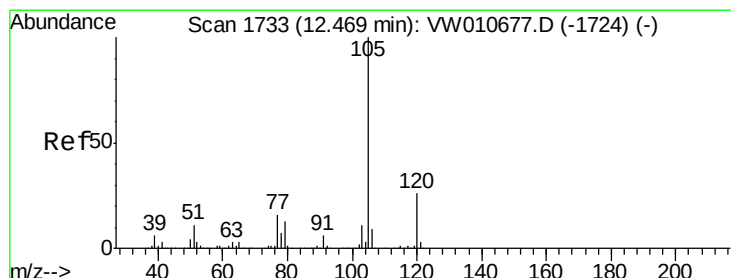
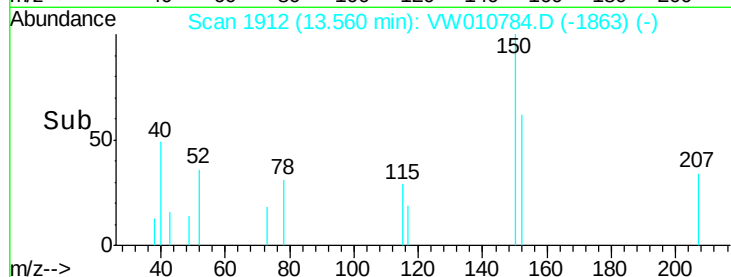
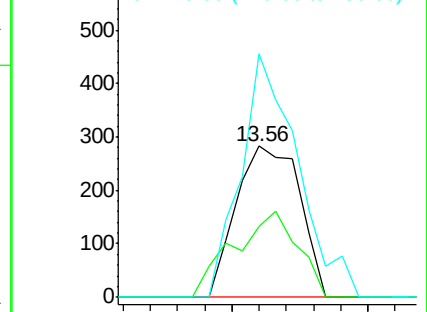
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Instrument :
MSVOA_W
ClientSampled :
B-02-2.5-3.0

Tot Ion:152 Resp: 457
Ion Ratio Lower Upper
152 100
115 57.1 29.8 89.3
150 144.6 0.0 345.0



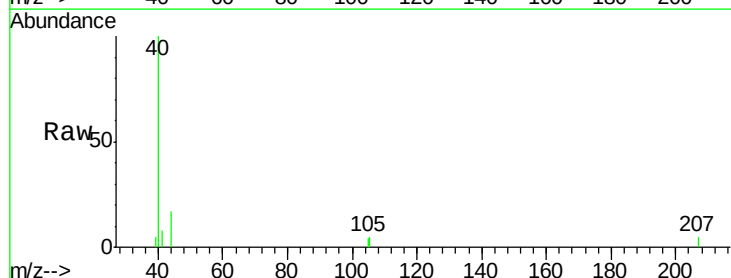
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



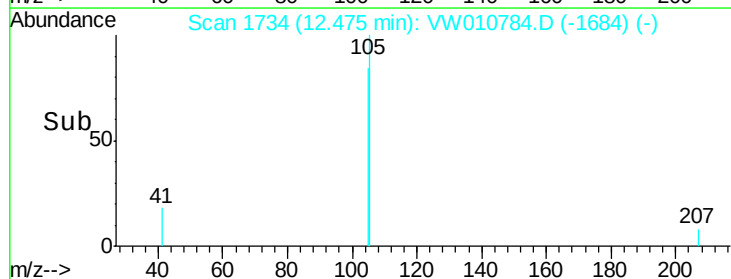
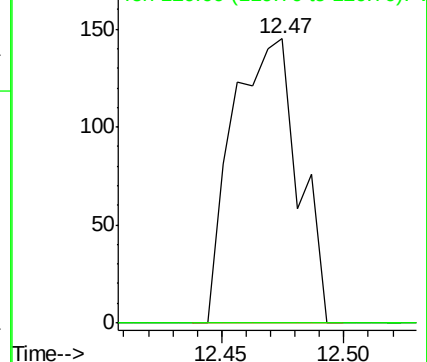
#73

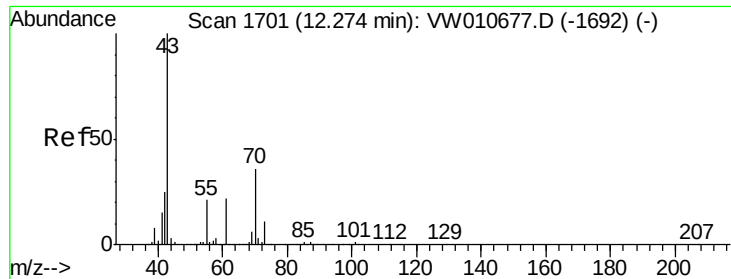
Isopropylbenzene
Concen: 7.920 ug/l
RT: 12.47 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion:105 Resp: 272
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 7.388 ug/l

RT: 12.29 min Scan# 1704

Delta R.T. 0.02 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

B-02-2.5-3.0

Tot Ion: 43 Resp: 82

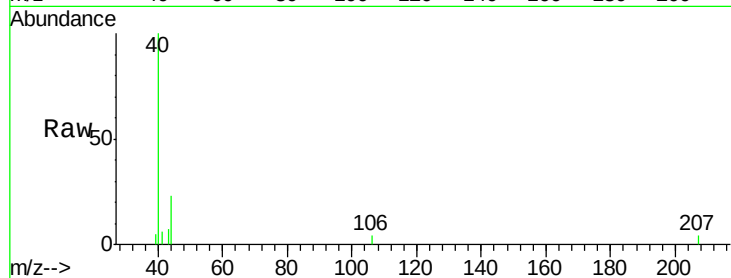
Ion Ratio Lower Upper

43 100

70 0.0 29.2 43.8#

55 26.8 17.5 26.3#

61 0.0 17.4 26.2#

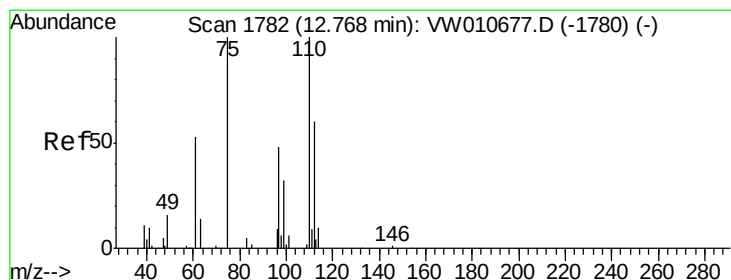
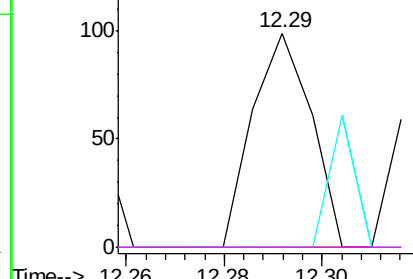
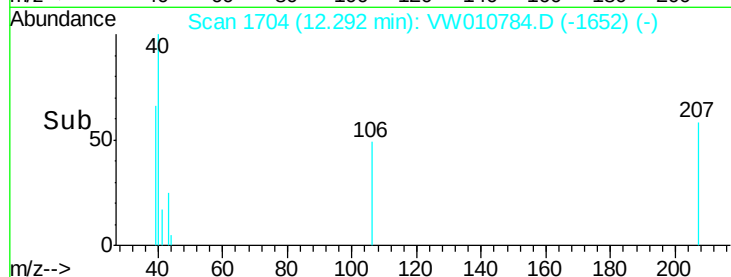


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 85.432 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. -0.13 min

Lab File: VW010784.D

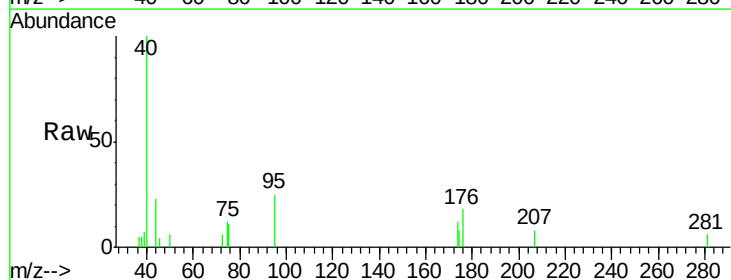
Acq: 12 Jun 2019 18:03

Tgt Ion: 75 Resp: 410

Ion Ratio Lower Upper

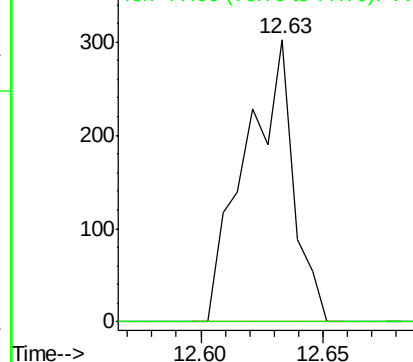
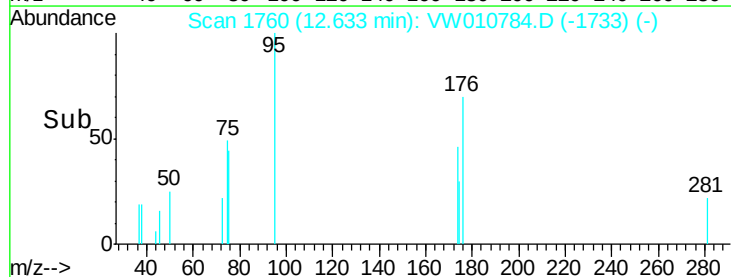
75 100

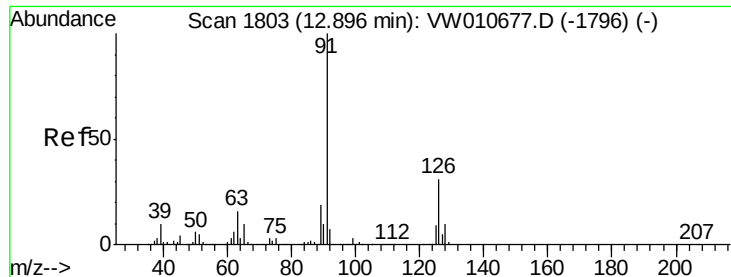
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#79

2-Chlorotoluene

Concen: 2.874 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

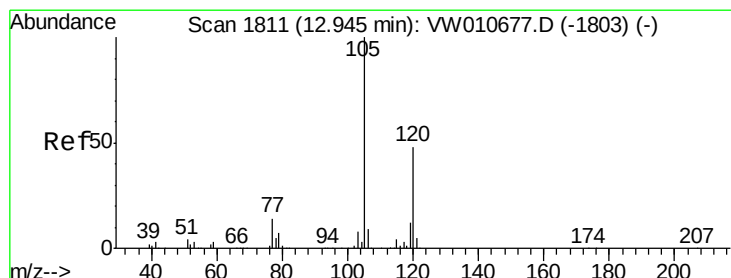
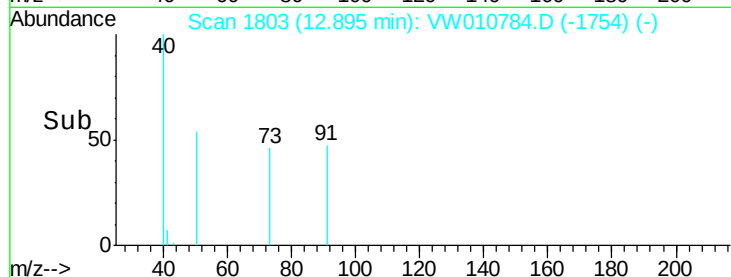
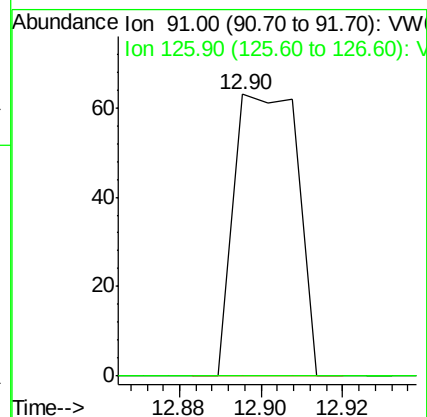
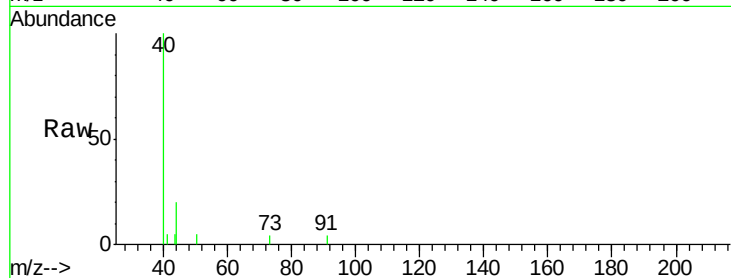
B-02-2.5-3.0

Tot Ion: 91 Resp: 68

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#



#80

1,3,5-Trimethylbenzene

Concen: 10.068 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010784.D

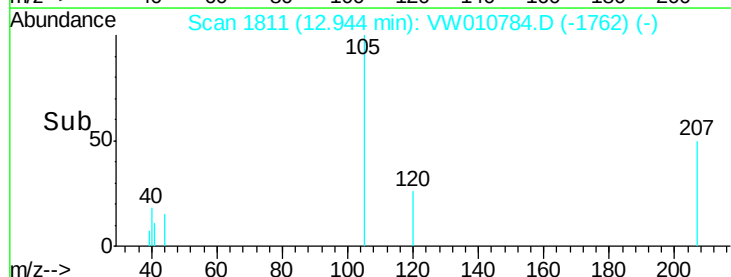
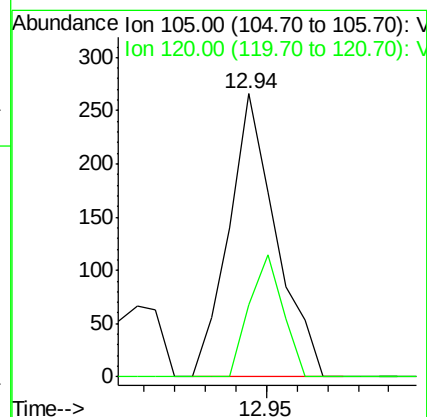
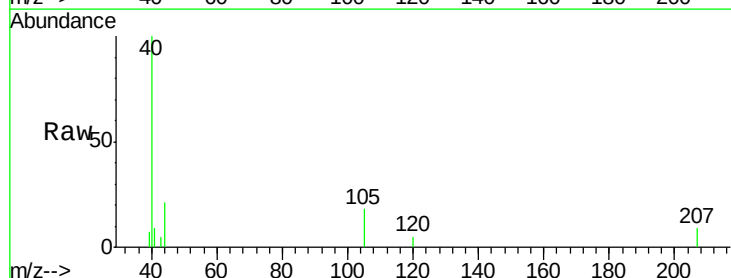
Acq: 12 Jun 2019 18:03

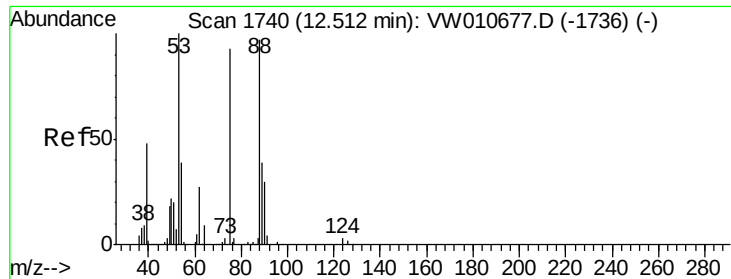
Tgt Ion:105 Resp: 283

Ion Ratio Lower Upper

105 100

120 30.7 24.3 72.8

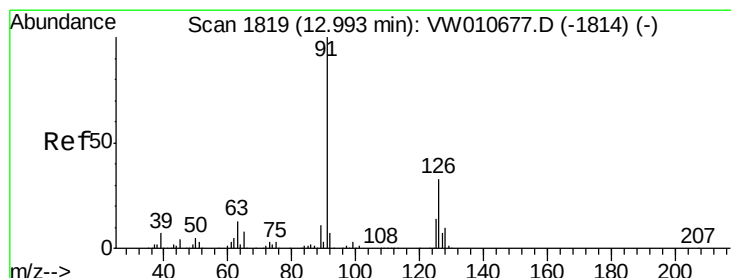
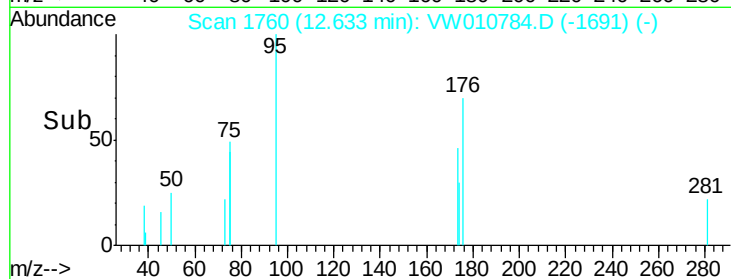
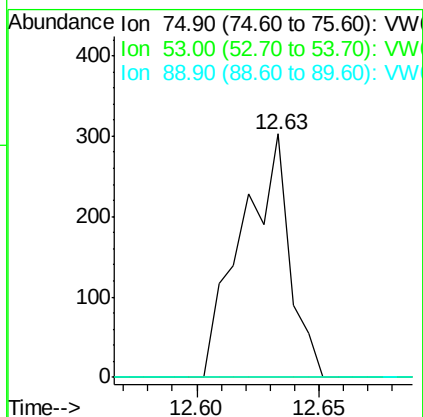
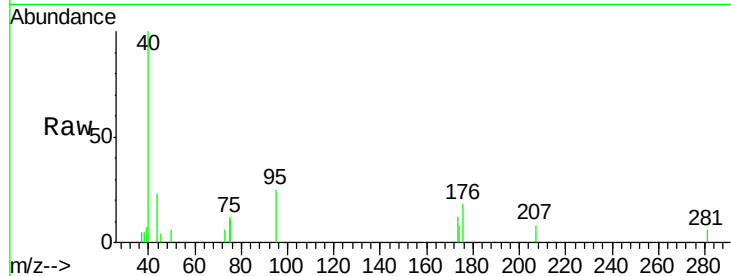




#81
trans-1,4-Dichloro-2-butene
Concen: 196.351 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.12 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

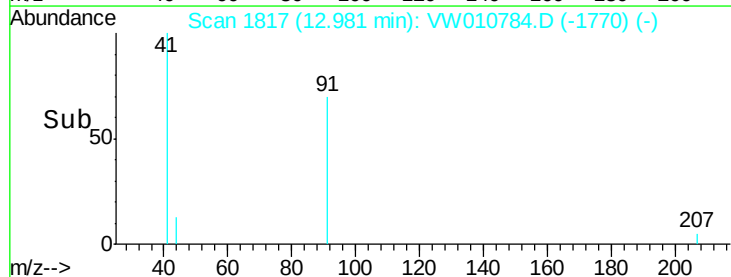
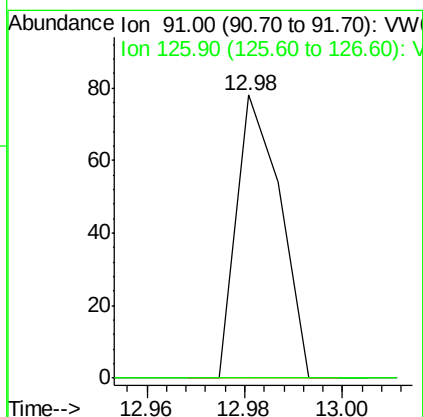
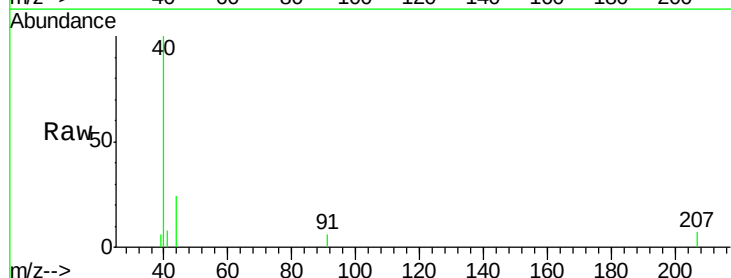
Instrument :
MSVOA_W
ClientSampleId :
B-02-2.5-3.0

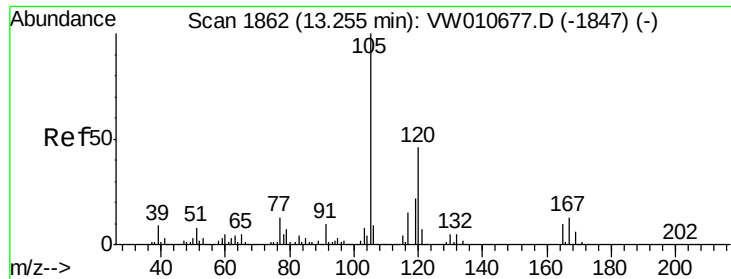
Tot Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
53 0.0 90.1 135.1#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 1.966 ug/l
RT: 12.98 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VW010784.D
Acq: 12 Jun 2019 18:03

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#

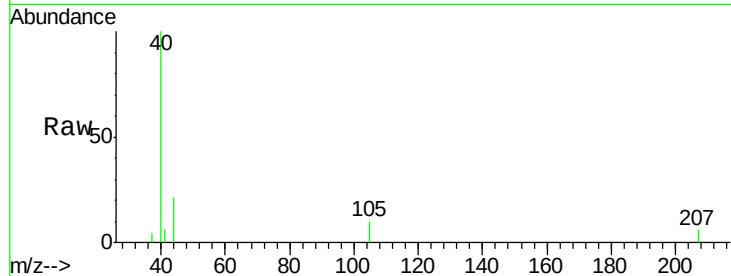




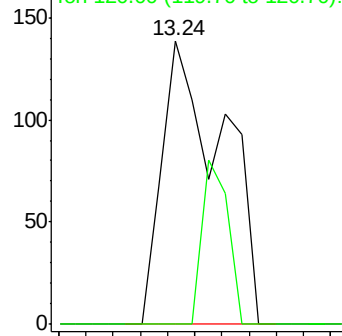
#84
 1,2,4-Trimethylbenzene
 Concen: 7.530 ug/l
 RT: 13.24 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

Instrument :
 MSVOA_W
 ClientSampled :
 B-02-2.5-3.0

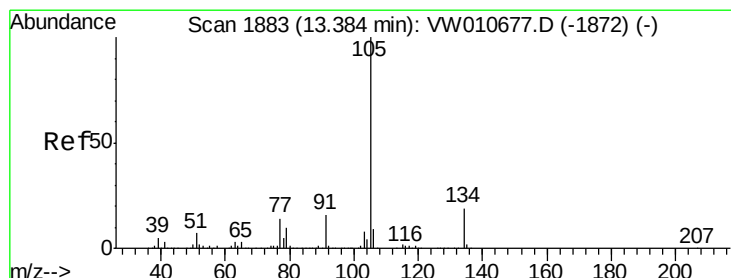
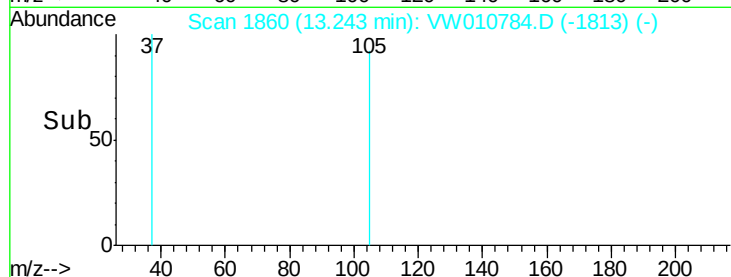
Tot Ion:105 Resp: 213
 Ion Ratio Lower Upper
 105 100
 120 24.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

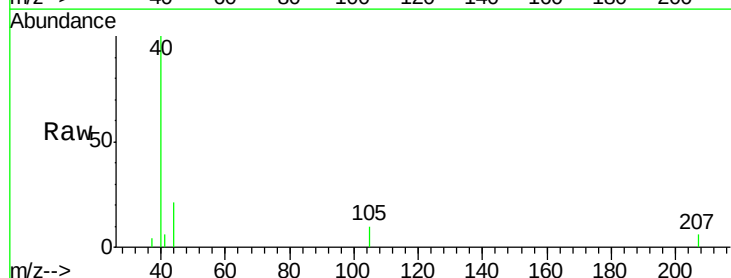


Time--> 13.20 13.25

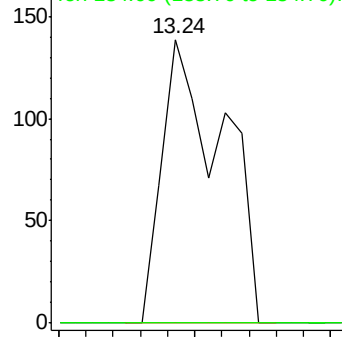


#85
 sec-Butylbenzene
 Concen: 6.132 ug/l
 RT: 13.24 min Scan# 1860
 Delta R.T. -0.14 min
 Lab File: VW010784.D
 Acq: 12 Jun 2019 18:03

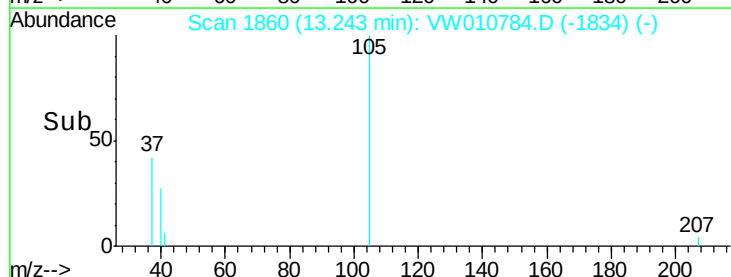
Tgt Ion:105 Resp: 213
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#

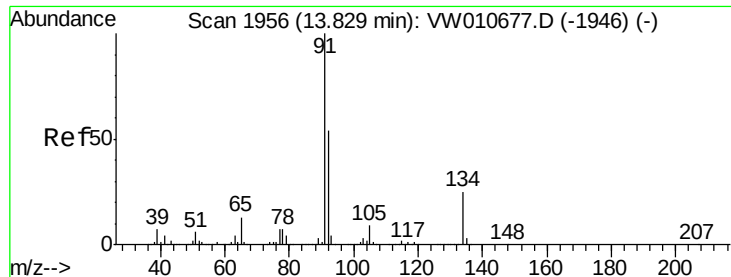


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V



Time--> 13.20 13.25





#89

n-Butylbenzene

Concen: 2.581 ug/l

RT: 13.77 min Scan# 1947

Delta R.T. -0.06 min

Lab File: VW010784.D

Acq: 12 Jun 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

B-02-2.5-3.0

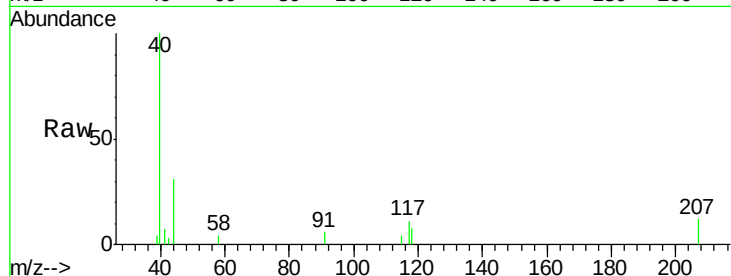
Tot Ion: 91 Resp: 80

Ion Ratio Lower Upper

91 100

92 0.0 27.3 81.8#

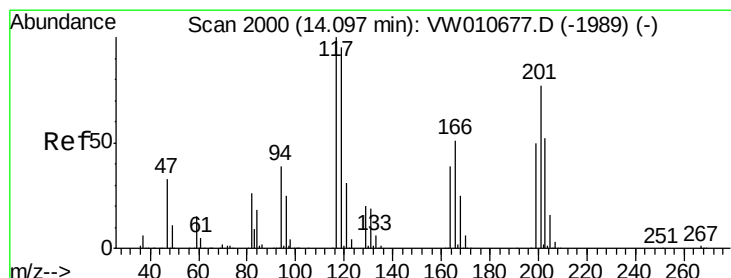
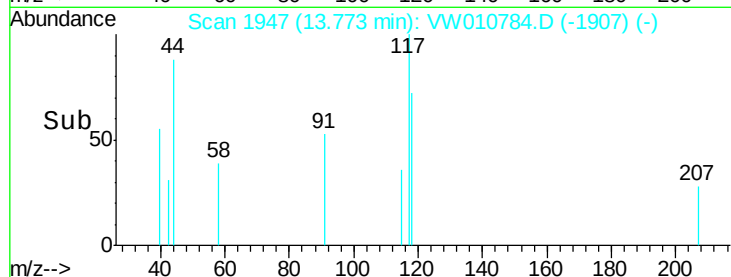
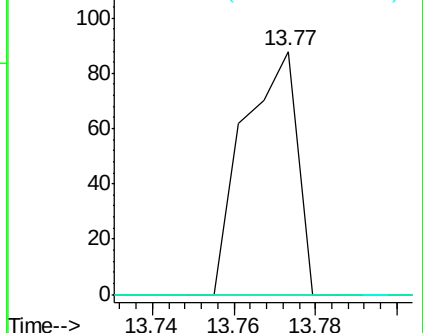
134 0.0 12.3 36.9#



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: 17.438 ug/l

RT: 14.22 min Scan# 2020

Delta R.T. 0.12 min

Lab File: VW010784.D

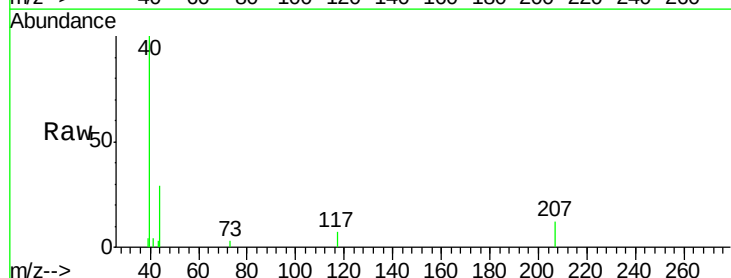
Acq: 12 Jun 2019 18:03

Tgt Ion: 117 Resp: 97

Ion Ratio Lower Upper

117 100

201 0.0 38.8 116.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

