

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007709.D
 Acq On : 19 Dec 2018 19:36
 Operator : SY/AP
 Sample : J6452-01RE
 Misc : 7.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

Quant Time: Dec 20 06:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	32864	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	7.88	113	28491	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	
50) Toluene-d8	10.32	98	94827	37.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.42%	
62) 4-Bromofluorobenzene	12.62	95	36417	37.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.98%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	1709	35.482	ug/l #	73
16) Acetone	4.12	43	15326	114.626	ug/l #	88
20) Methylene Chloride	4.90	84	1745	Below Cal	#	93
25) 2-Butanone	7.18	43	2446	15.619	ug/l	91
31) Cyclohexane	7.93	56	10278	9.670	ug/l #	75
36) 1,1-Dichloropropene	7.95	75	5027	4.764	ug/l #	50
37) Ethyl Acetate	7.18	43	2446	6.716	ug/l #	68
38) Carbon Tetrachloride	7.95	117	6890	5.544	ug/l #	15
39) Methylcyclohexane	9.34	83	40669	31.015	ug/l	95
40) Benzene	8.32	78	272922	96.920	ug/l	100
42) 1,2-Dichloroethane	8.32	62	2746	2.910	ug/l #	77
43) Isopropyl Acetate	8.41	43	2407	3.299	ug/l #	49
48) Methyl methacrylate	9.38	41	2624	7.205	ug/l #	9
51) 4-Methyl-2-Pentanone	10.32	43	2087	6.052	ug/l	95
52) Toluene	10.39	92	3657	1.936	ug/l	98
55) 1,1,2-Trichloroethane	10.77	97	6701	12.638	ug/l #	28
56) Ethyl methacrylate	10.66	69	2686	4.287	ug/l #	1
59) 2-Hexanone	10.94	43	11848	48.857	ug/l #	29
65) Chlorobenzene	11.66	112	3504080	1886.571	ug/l	98
67) Ethyl Benzene	11.73	91	33273	10.439	ug/l	95
68) m/p-Xylenes	11.84	106	10534	8.520	ug/l	91
69) o-Xylene	12.17	106	17865	15.415	ug/l	91
73) Isopropylbenzene	12.47	105	18843	6.899	ug/l	97
74) N-amyl acetate	12.26	43	69417	146.730	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.69	83	5060	12.356	ug/l #	64
76) 1,2,3-Trichloropropane	12.81	75	551	1.973	ug/l #	100
78) n-propylbenzene	12.80	91	60388	18.994	ug/l	98
79) 2-Chlorotoluene	12.94	91	3781	2.041	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	24595	10.440	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	17761	133.495	ug/l #	16
82) 4-Chlorotoluene	12.94	91	4067	2.062	ug/l	95
83) tert-Butylbenzene	13.21	119	3871	1.873	ug/l	83
84) 1,2,4-Trimethylbenzene	13.26	105	151424	63.698	ug/l	100
85) sec-Butylbenzene	13.39	105	34771	12.205	ug/l #	67

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007709.D
 Acq On : 19 Dec 2018 19:36
 Operator : SY/AP
 Sample : J6452-01RE
 Misc : 7.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

Quant Time: Dec 20 06:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

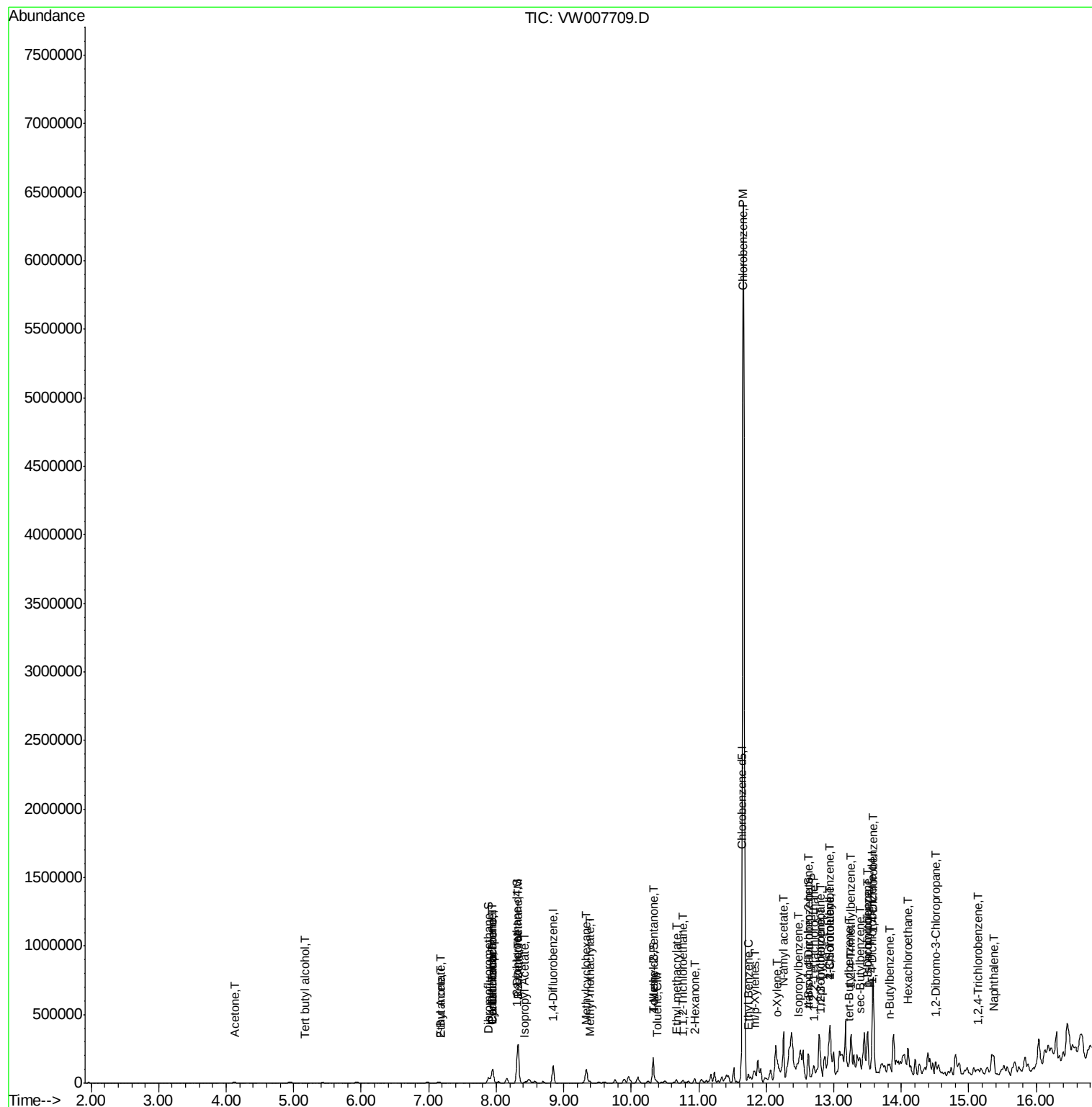
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.51	119	19255	7.433	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	79230	63.752	ug/l	93
88) 1,4-Dichlorobenzene	13.58	146	243142	195.586	ug/l	99
89) n-Butylbenzene	13.83	91	37834	15.929	ug/l #	76
90) Hexachloroethane	14.10	117	6815	14.985	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.51	75	509	6.052	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.14	180	7129	9.230	ug/l #	38
95) Naphthalene	15.37	128	96600	67.646	ug/l #	92

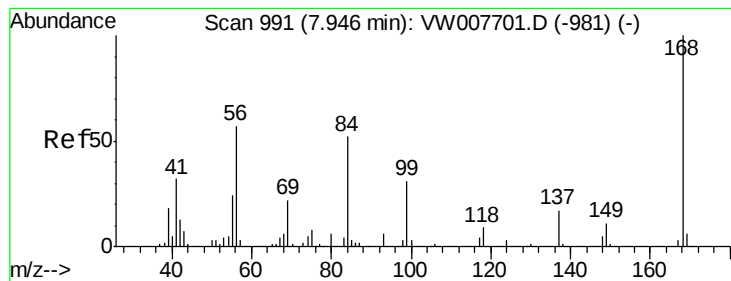
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007709.D
Acq On : 19 Dec 2018 19:36
Operator : SY/AP
Sample : J6452-01RE
Misc : 7.47G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Quant Time: Dec 20 06:50:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

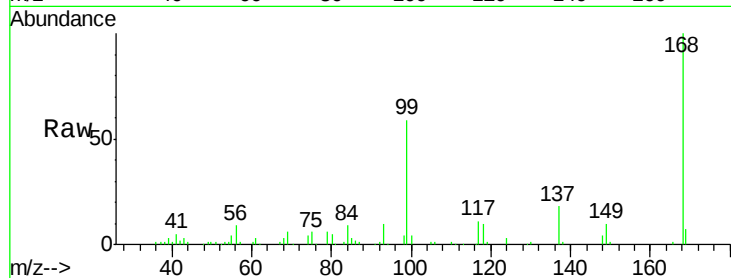
MIHPT-20(17-20)

Tgt Ion: 168 Resp: 65144

Ion Ratio Lower Upper

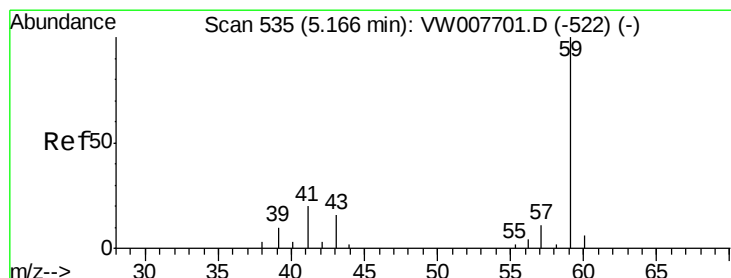
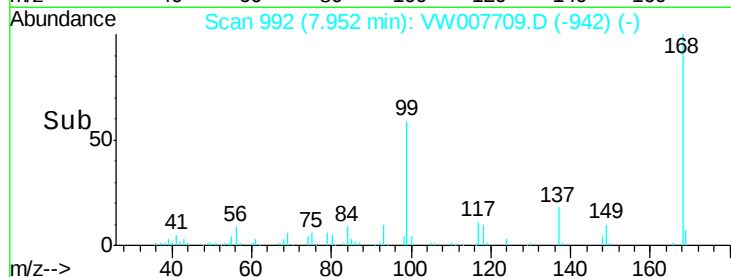
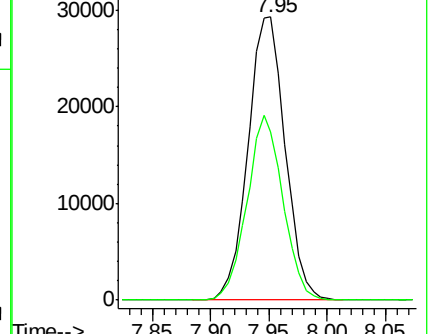
168 100

99 59.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 35.482 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007709.D

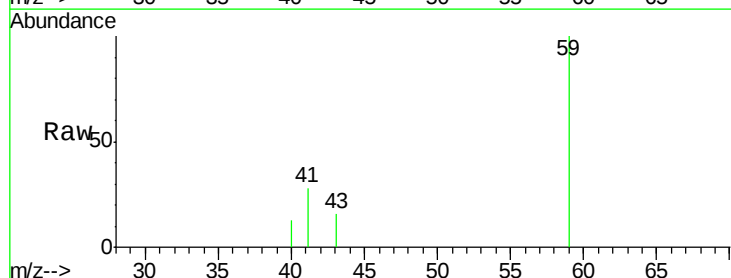
Acq: 19 Dec 2018 19:36

Tgt Ion: 59 Resp: 1709

Ion Ratio Lower Upper

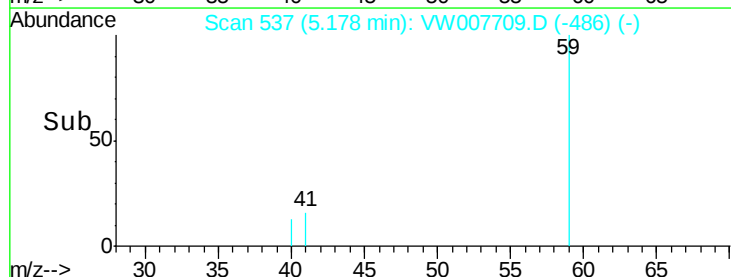
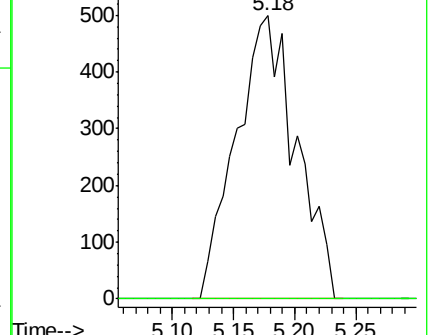
59 100

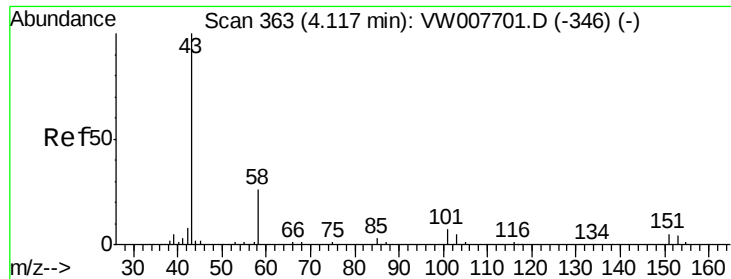
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 114.626 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

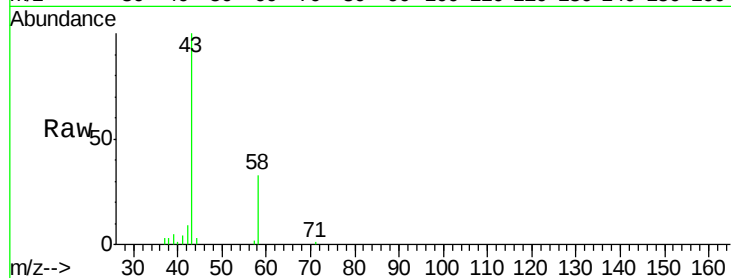
MIHPT-20(17-20)

Tgt Ion: 43 Resp: 15326

Ion Ratio Lower Upper

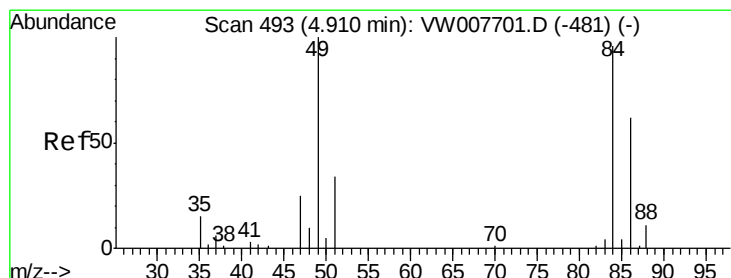
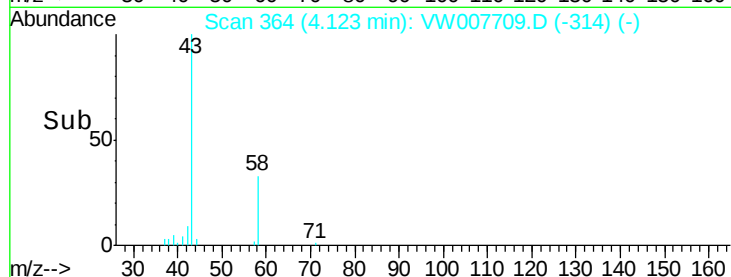
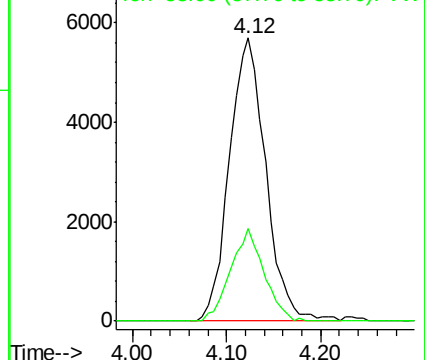
43 100

58 32.8 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Tgt Ion: 84 Resp: 1745

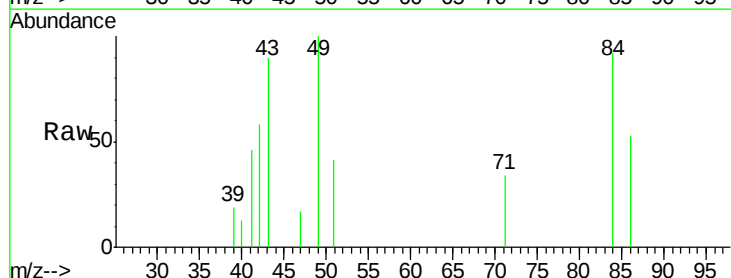
Ion Ratio Lower Upper

84 100

49 108.4 83.7 125.5

51 44.1 28.2 42.2#

86 57.9 52.2 78.2

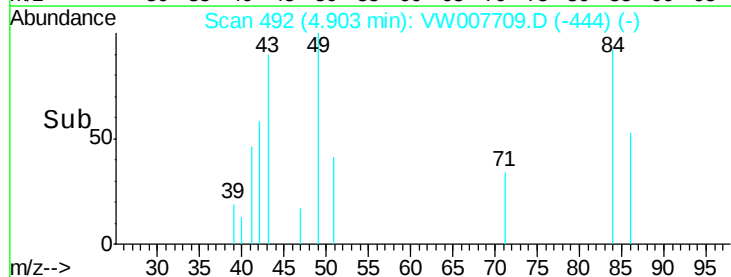
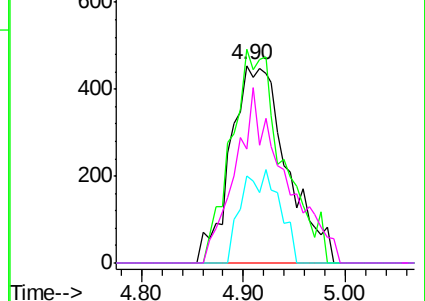


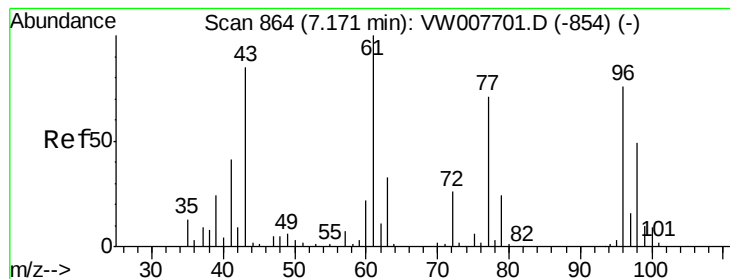
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 15.619 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

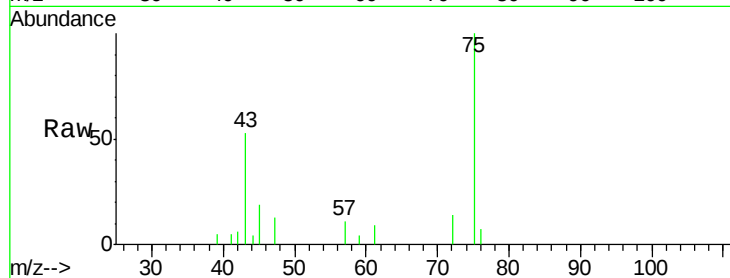
MIHPT-20(17-20)

Tgt Ion: 43 Resp: 2446

Ion Ratio Lower Upper

43 100

72 25.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

800

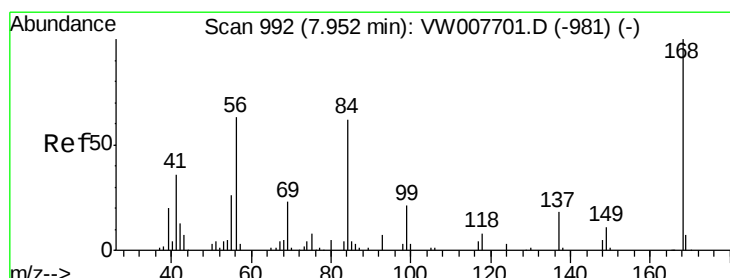
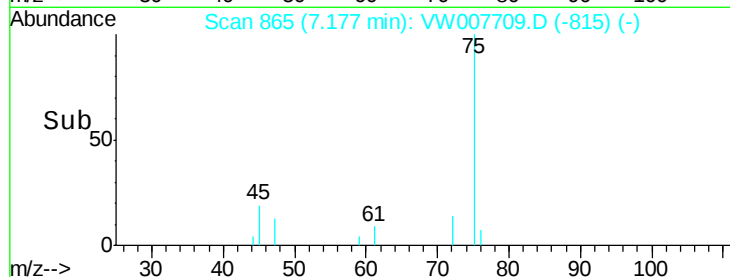
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 9.670 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

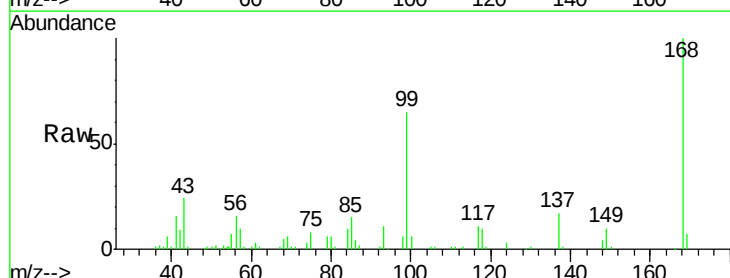
Tgt Ion: 56 Resp: 10278

Ion Ratio Lower Upper

56 100

69 39.1 29.7 44.5

84 66.4 78.9 118.3#



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

7.93

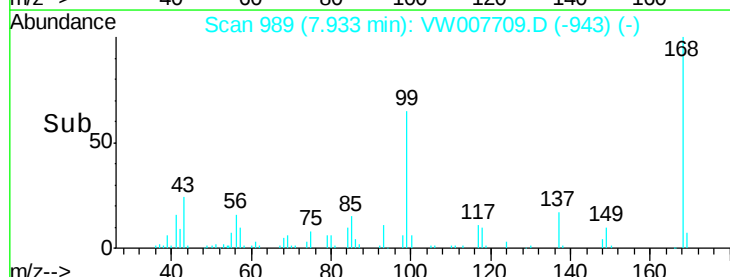
3000

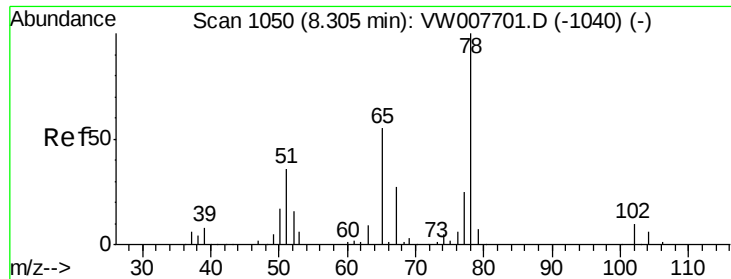
2000

1000

0

Time-->

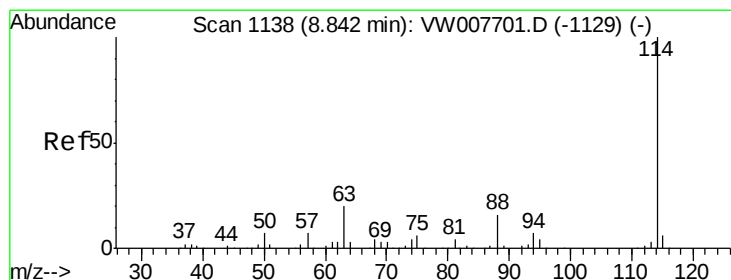
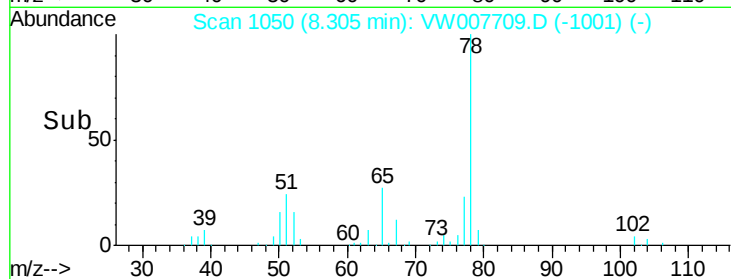
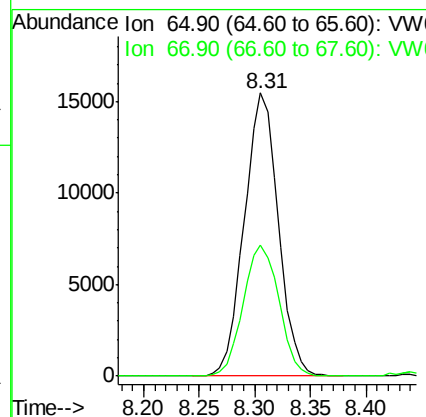
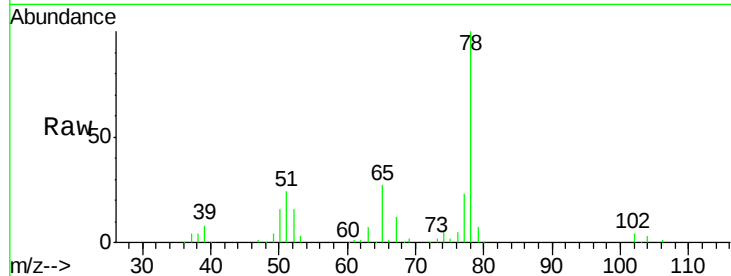




#33
 1,2-Dichloroethane-d4
 Concen: 46.028 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

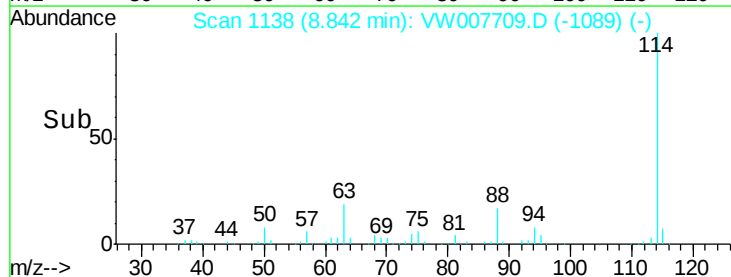
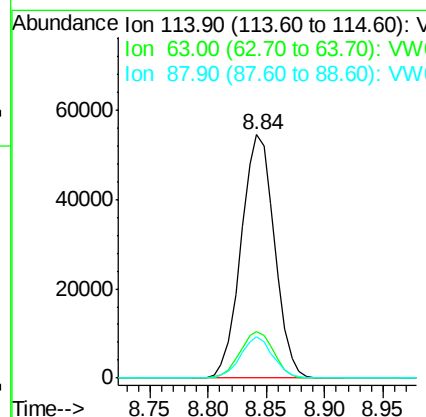
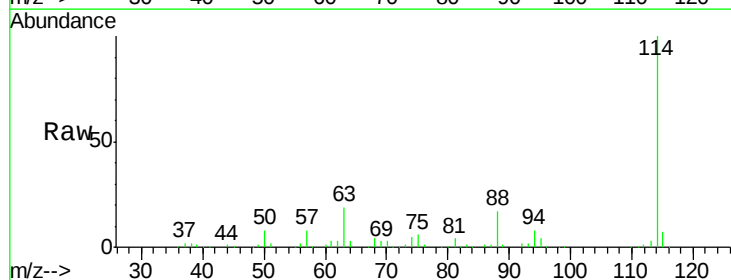
Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

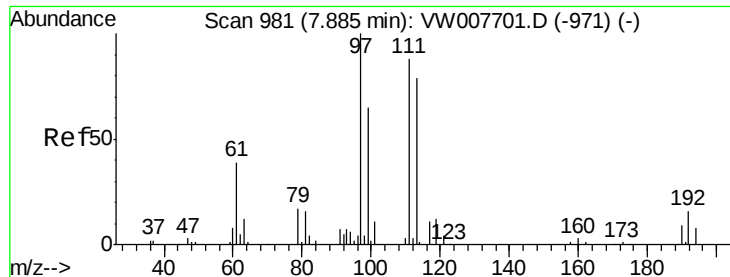
Tgt Ion: 65 Resp: 32864
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

Tgt Ion: 114 Resp: 109333
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.716 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

MIHPT-20(17-20)

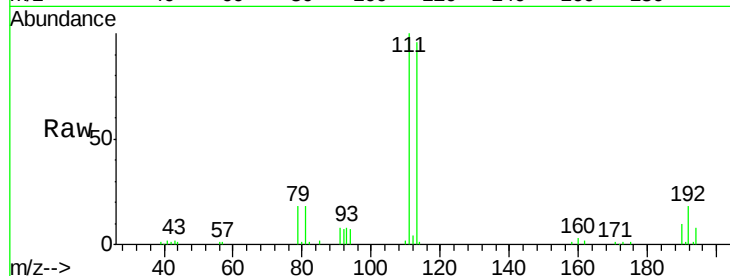
Tgt Ion:113 Resp: 28491

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

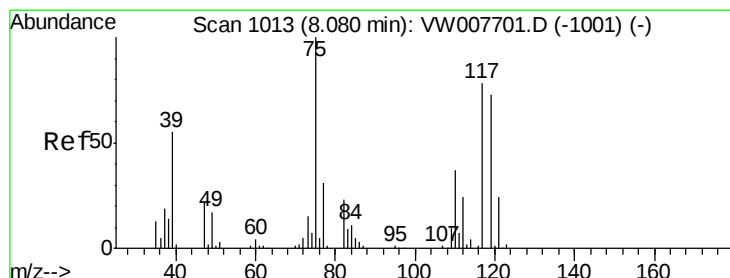
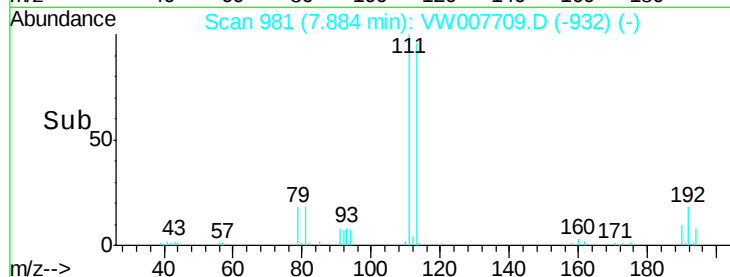
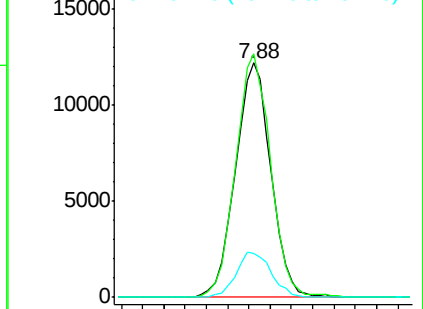
192 19.1 15.5 23.3



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: 4.764 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

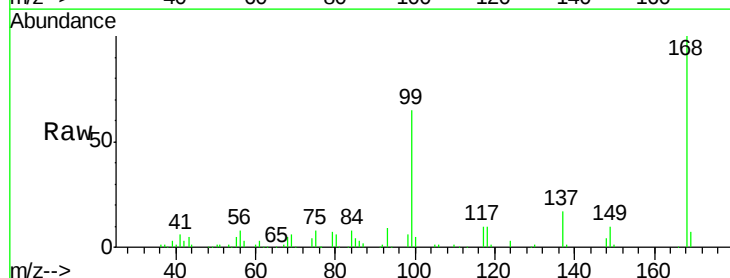
Tgt Ion: 75 Resp: 5027

Ion Ratio Lower Upper

75 100

110 10.3 18.6 55.8#

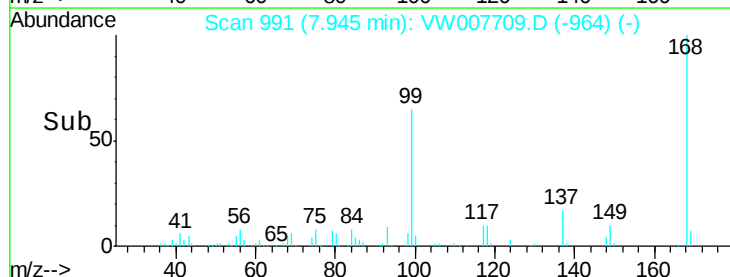
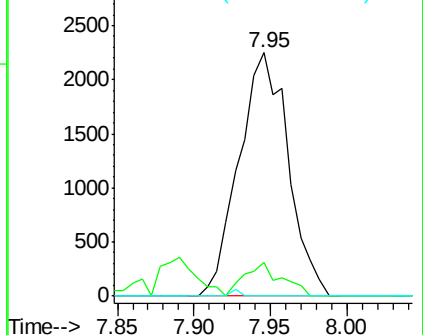
77 0.0 25.0 37.4#

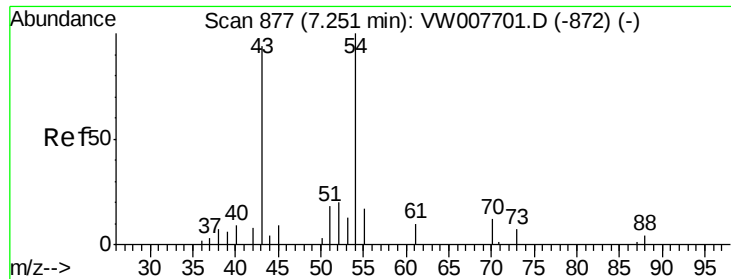


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 6.716 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

MIHPT-20(17-20)

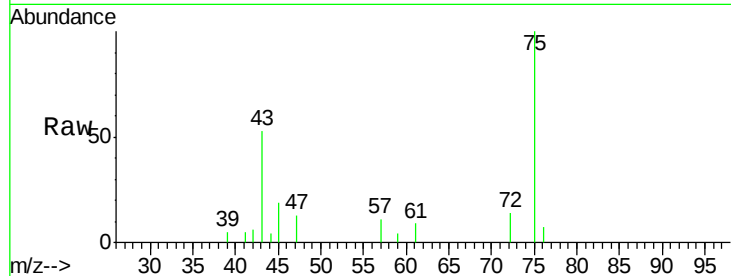
Tgt Ion: 43 Resp: 2446

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

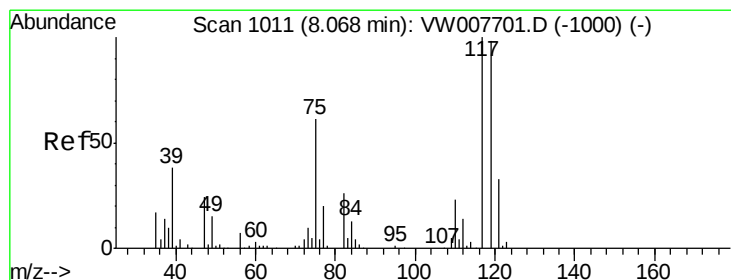
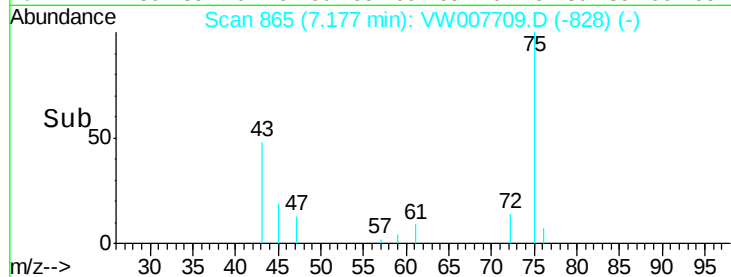
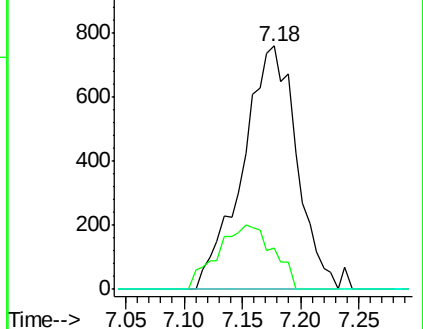
70 0.0 9.3 13.9#



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: 5.544 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

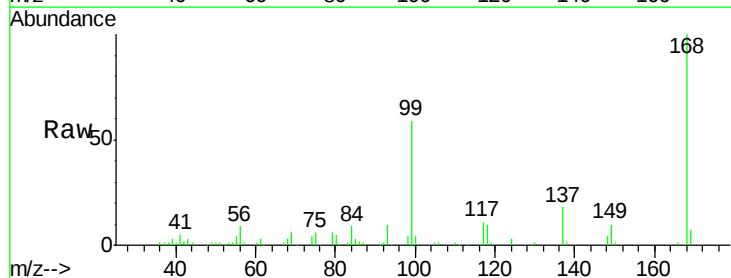
Tgt Ion: 117 Resp: 6890

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

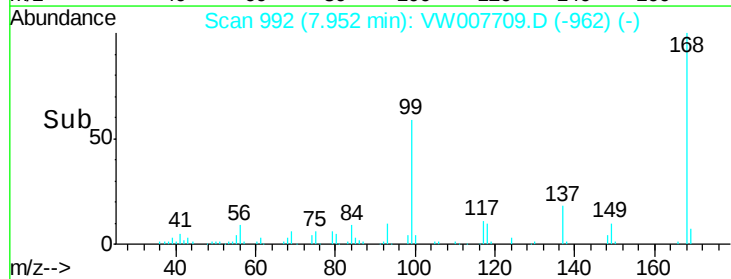
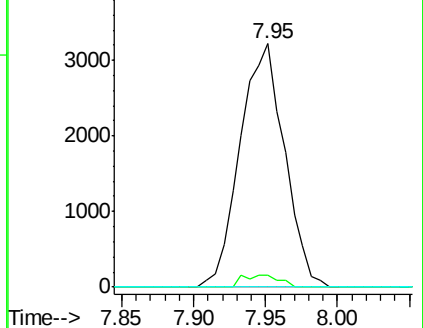
121 0.0 26.1 39.1#

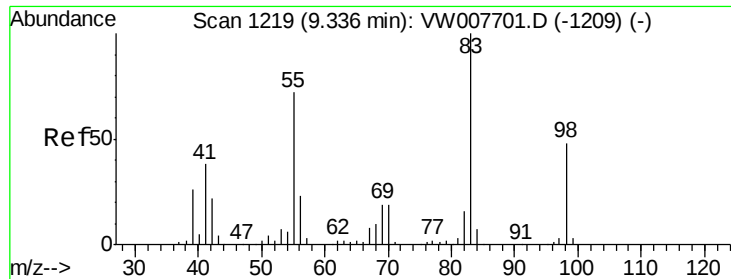


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

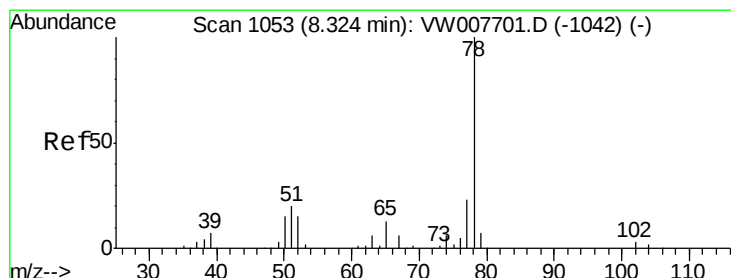
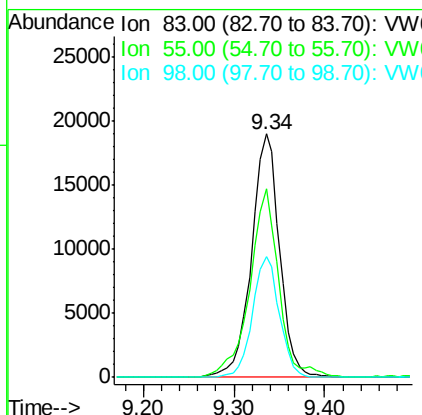
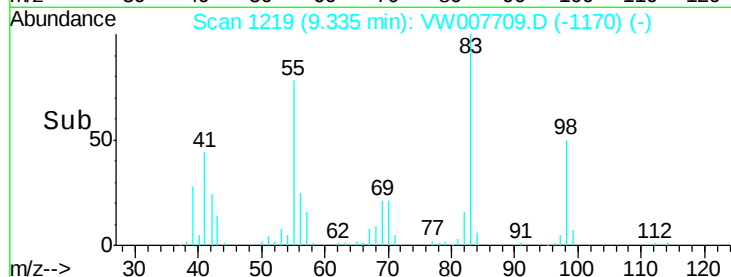
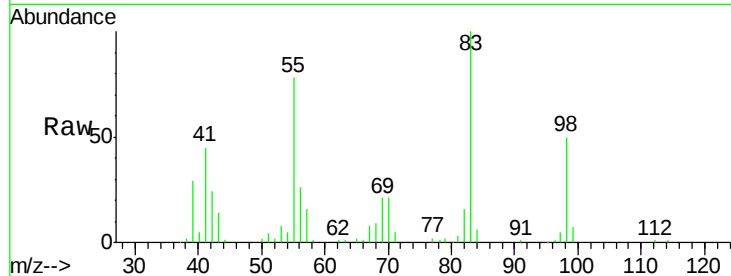




#39
Methylcyclohexane
Concen: 31.015 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

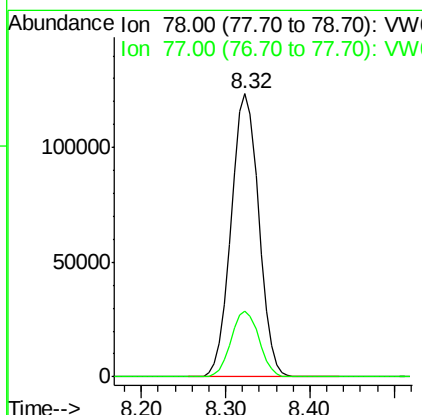
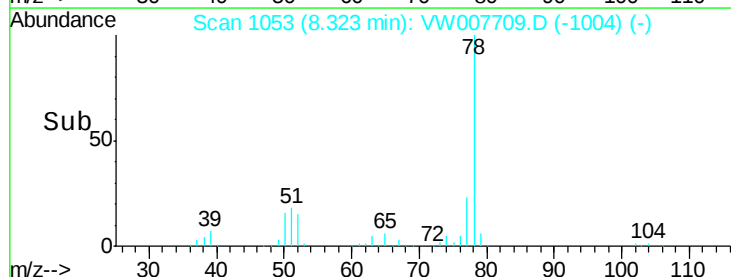
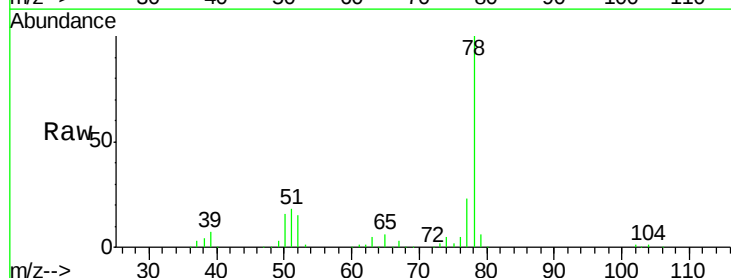
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

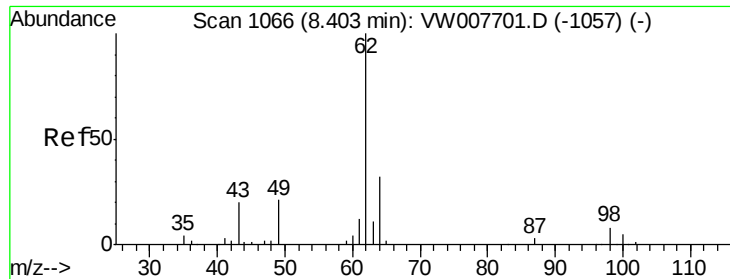
Tgt Ion: 83 Resp: 40669
Ion Ratio Lower Upper
83 100
55 77.6 57.2 85.8
98 49.8 38.6 58.0



#40
Benzene
Concen: 96.920 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 78 Resp: 272922
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#42

1,2-Dichloroethane

Concen: 2.910 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.09 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

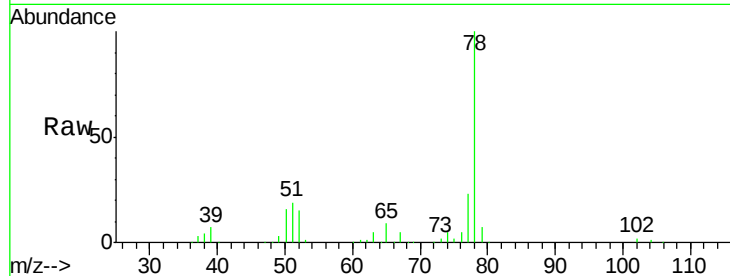
MIHPT-20(17-20)

Tgt Ion: 62 Resp: 2746

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

8.32

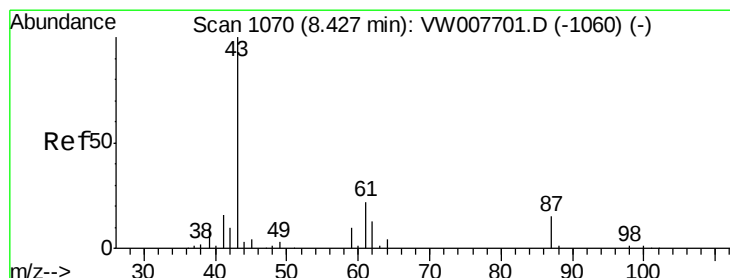
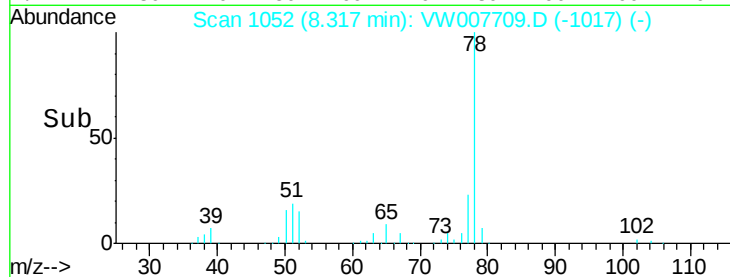
1500

1000

500

0

Time-->



#43

Isopropyl Acetate

Concen: 3.299 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

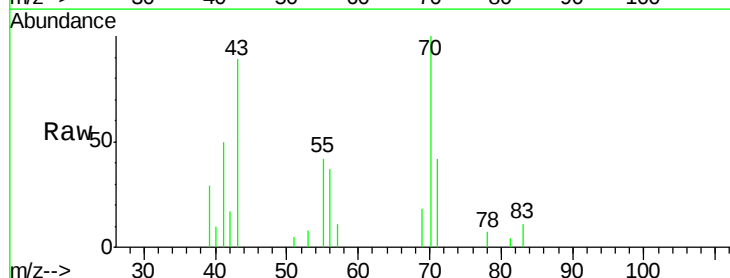
Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

87 0.0 12.0 18.0#



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

2500

2000

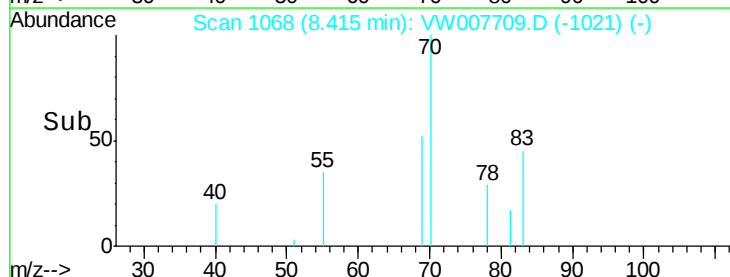
1500

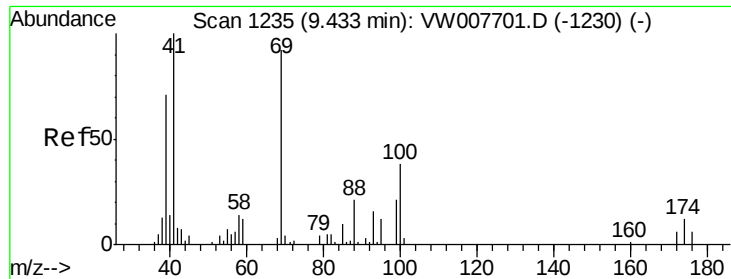
1000

500

0

Time-->

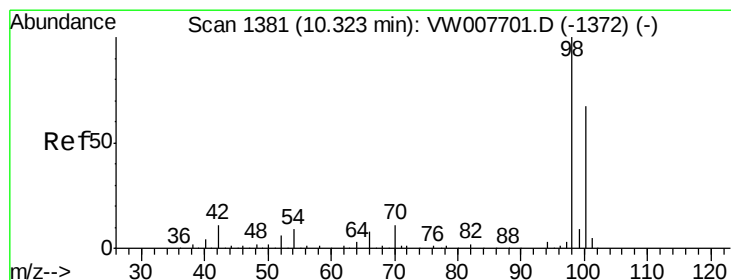
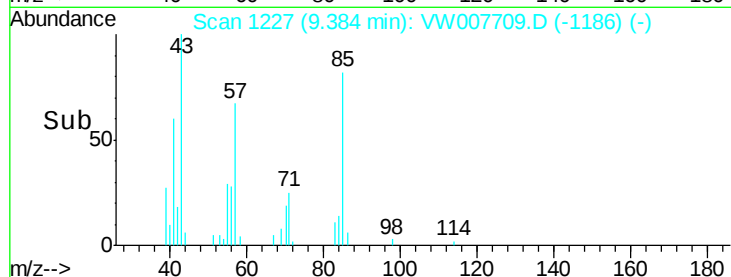
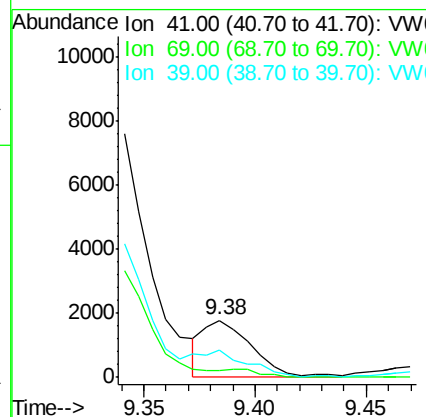
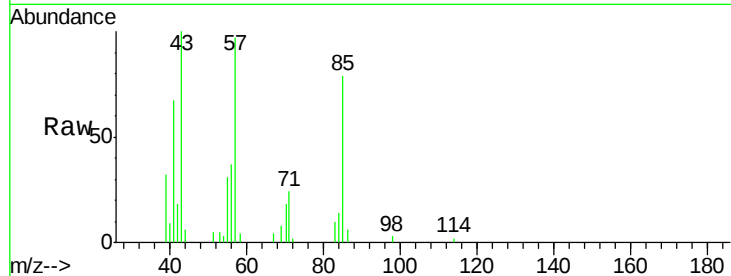




#48
Methyl methacrylate
Concen: 7.205 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.05 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

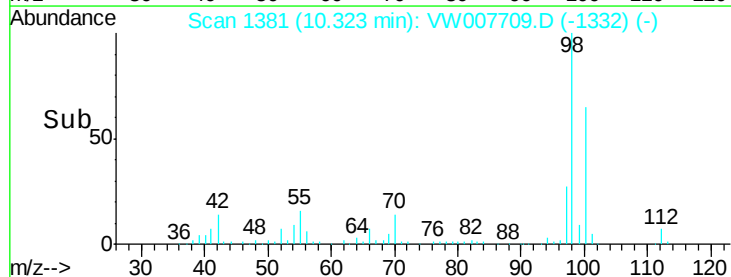
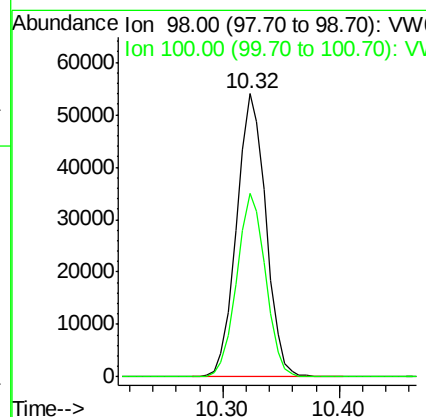
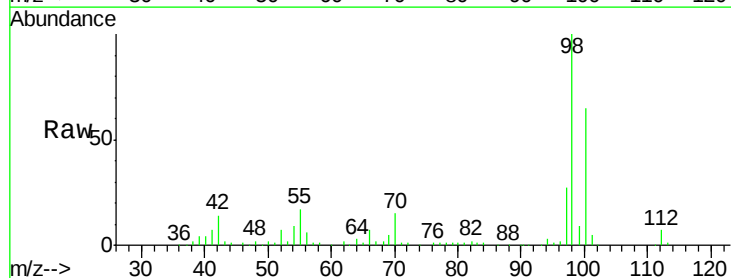
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

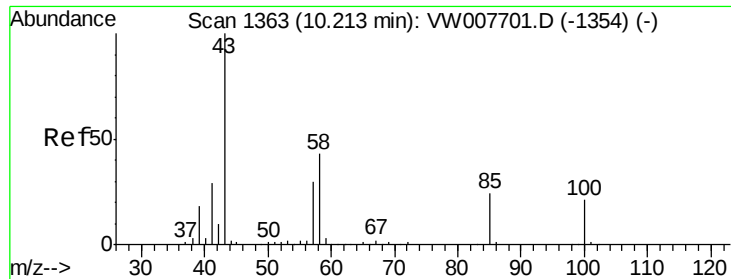
Tgt Ion: 41 Resp: 2624
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 0.0 53.9 80.9#



#50
Toluene-d8
Concen: 37.713 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 98 Resp: 94827
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 6.052 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.10 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

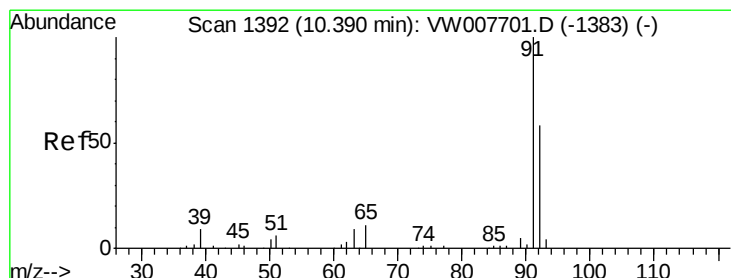
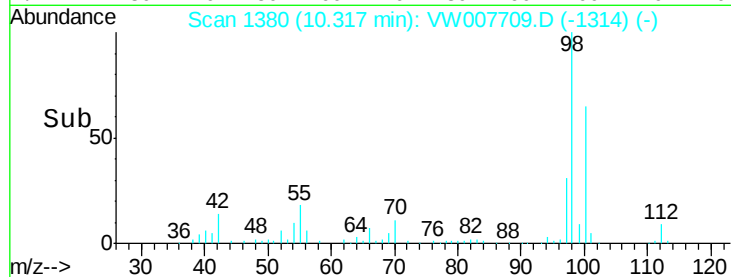
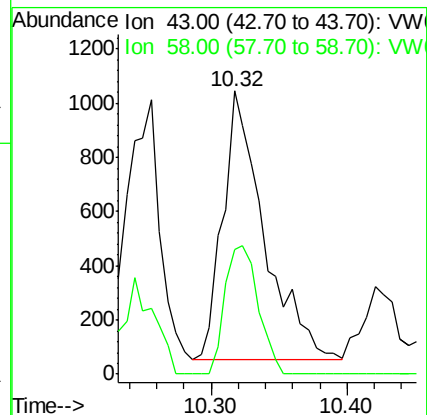
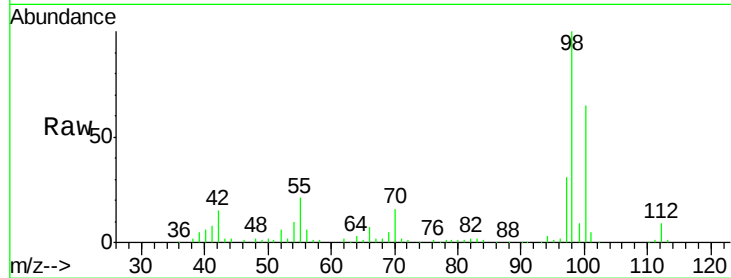
MIHPT-20(17-20)

Tgt Ion: 43 Resp: 2087

Ion Ratio Lower Upper

43 100

58 38.5 33.2 49.8



#52

Toluene

Concen: 1.936 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007709.D

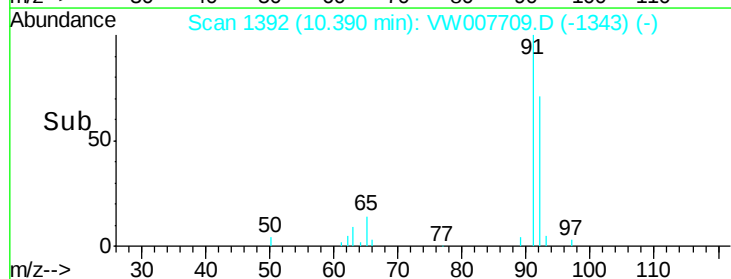
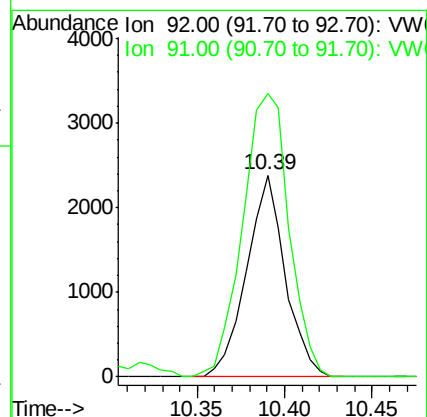
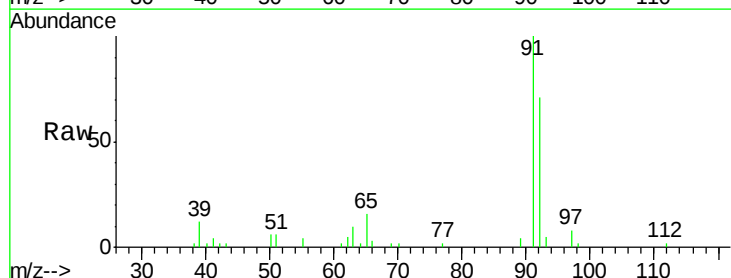
Acq: 19 Dec 2018 19:36

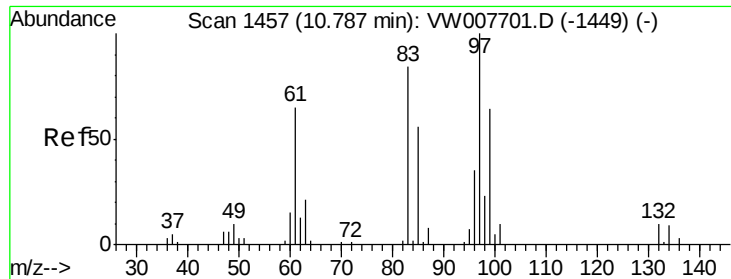
Tgt Ion: 92 Resp: 3657

Ion Ratio Lower Upper

92 100

91 168.9 137.0 205.4

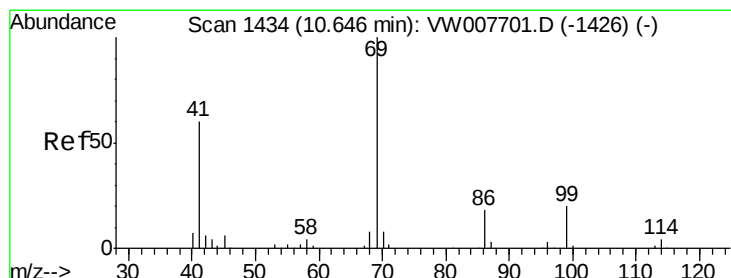
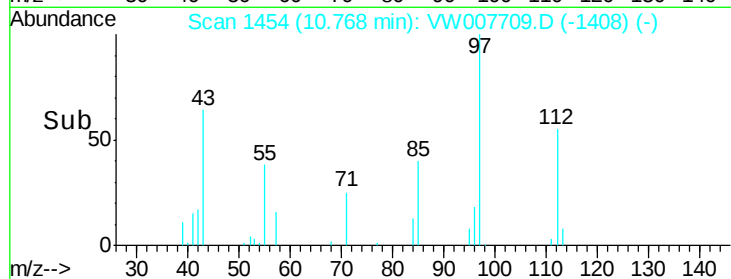
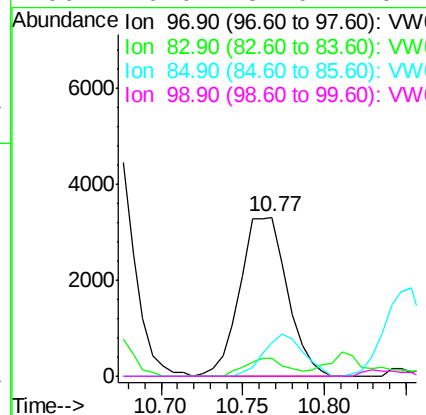
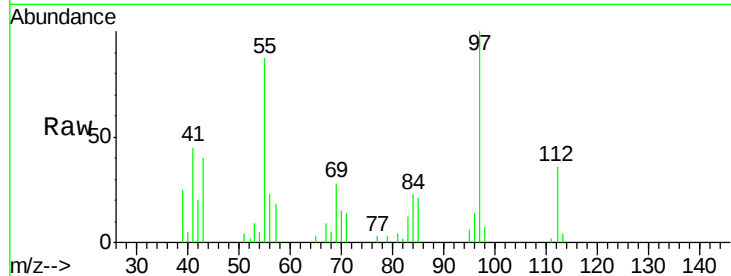




#55
 1,1,2-Trichloroethane
 Concen: 12.638 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

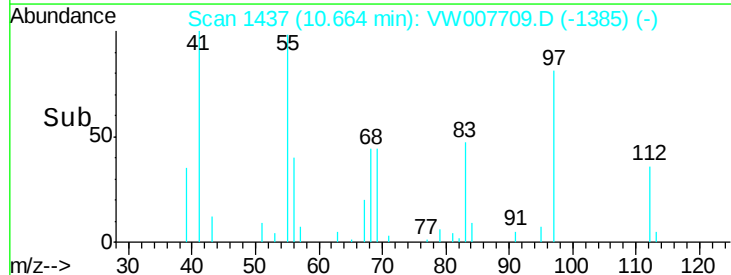
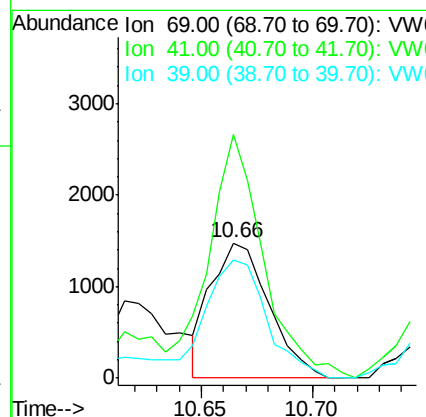
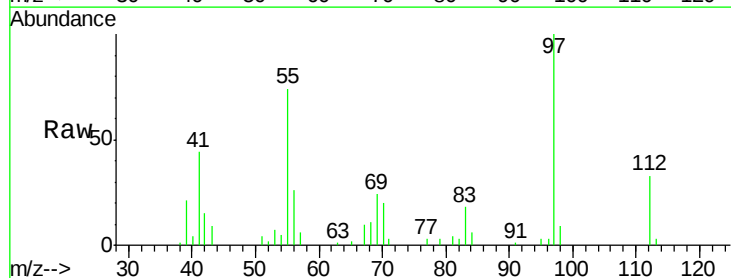
Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

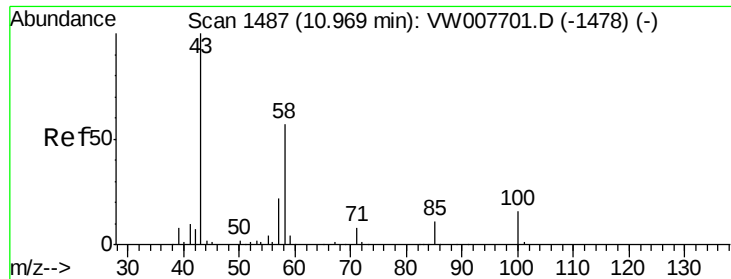
Tgt Ion: 97 Resp: 6701
 Ion Ratio Lower Upper
 97 100
 83 11.6 67.5 101.3#
 85 21.3 44.8 67.2#
 99 0.0 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 4.287 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

Tgt Ion: 69 Resp: 2686
 Ion Ratio Lower Upper
 69 100
 41 169.5 48.9 73.3#
 39 95.3 31.3 46.9#

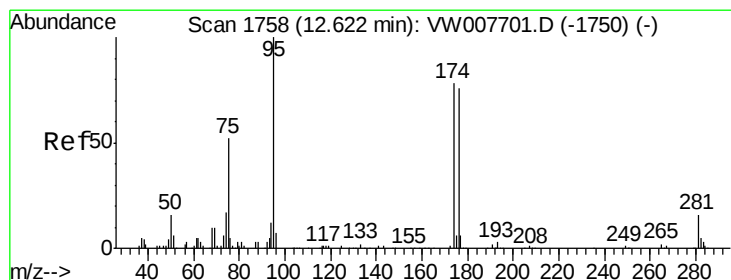
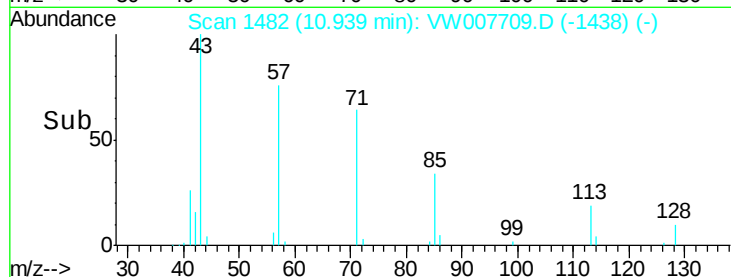
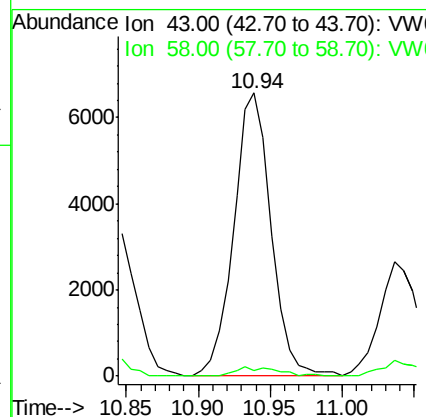
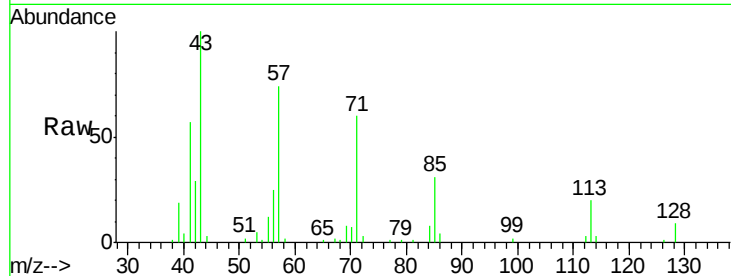




#59
2-Hexanone
Concen: 48.857 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

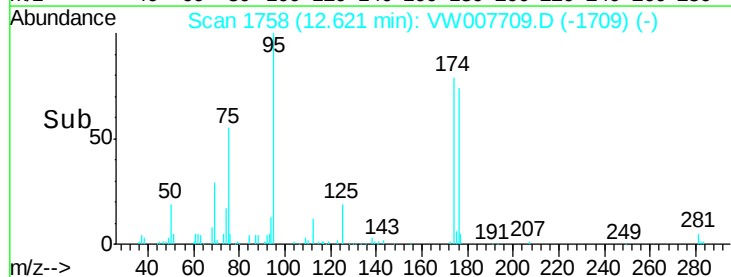
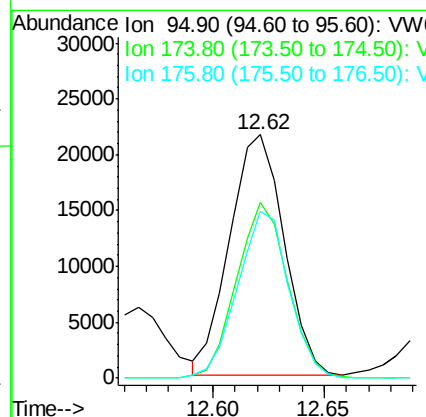
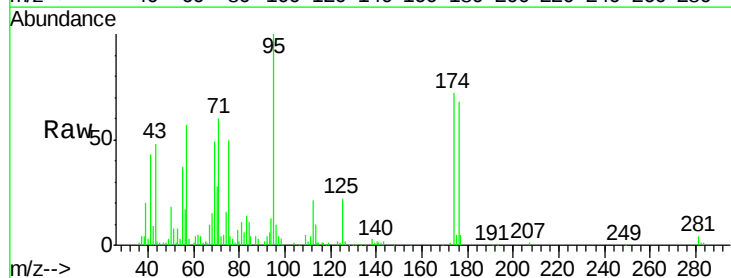
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

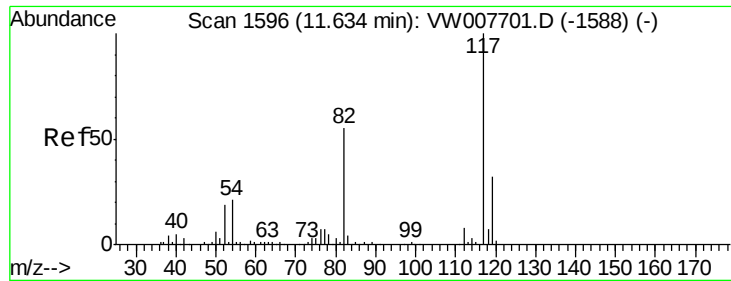
Tgt Ion: 43 Resp: 11848
Ion Ratio Lower Upper
43 100
58 3.8 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 37.490 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 95 Resp: 36417
Ion Ratio Lower Upper
95 100
174 69.1 0.0 152.2
176 65.9 0.0 146.8

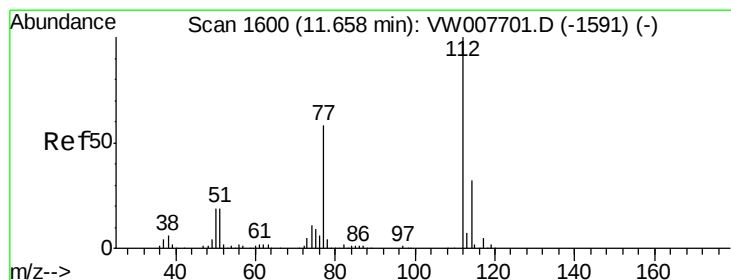
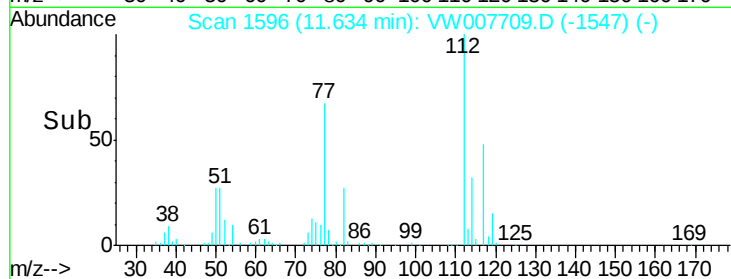
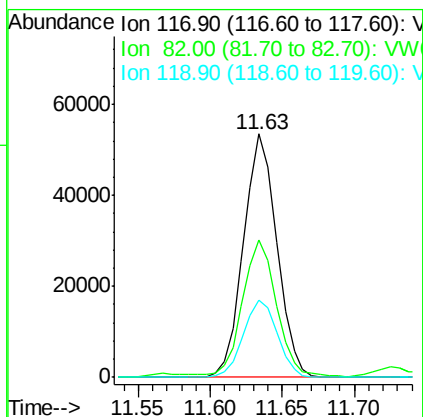
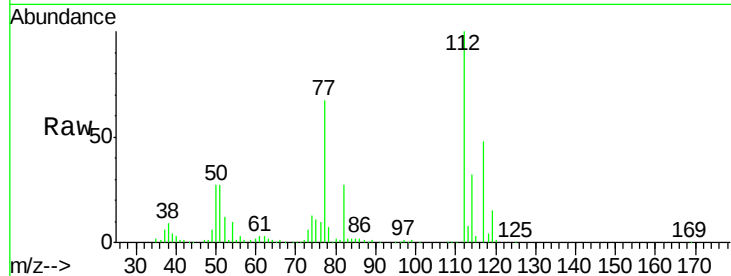




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

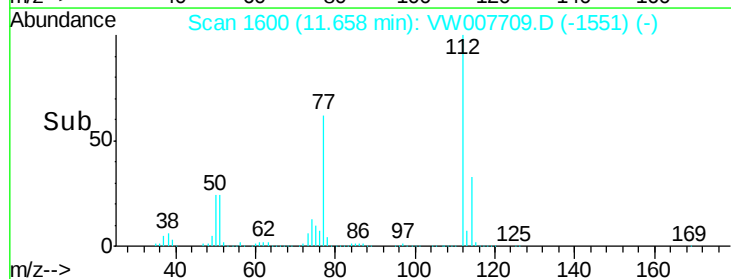
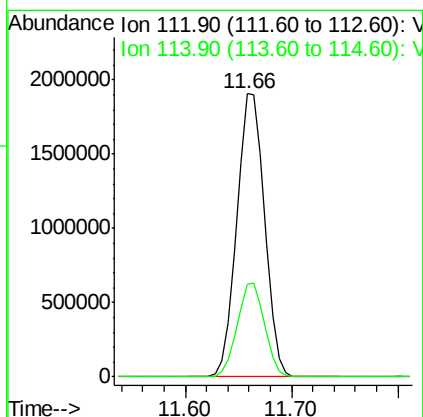
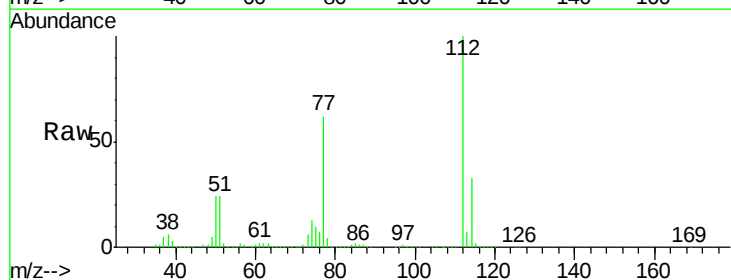
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

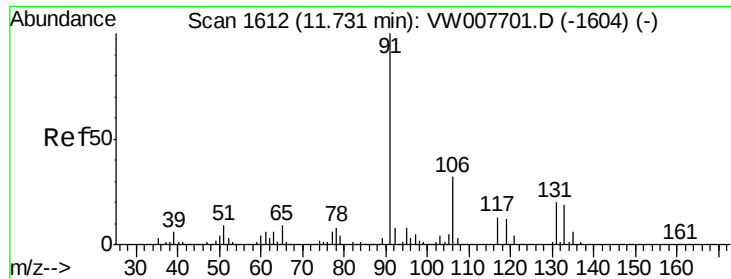
Tgt Ion:117 Resp: 85814
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.9 25.7 38.5



#65
Chlorobenzene
Concen: 1886.571 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:112 Resp: 3504080
Ion Ratio Lower Upper
112 100
114 32.7 25.2 37.8

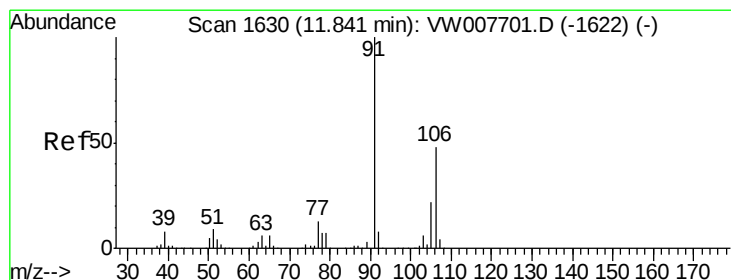
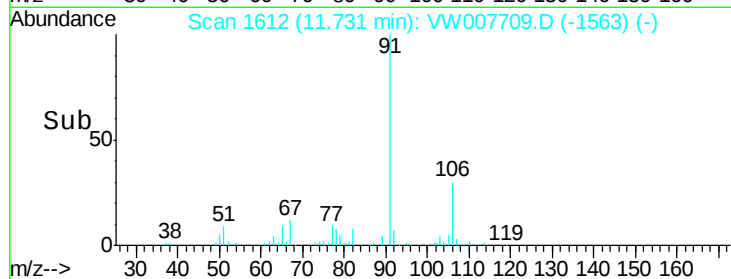
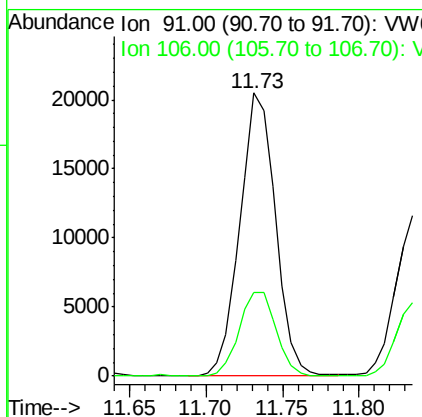
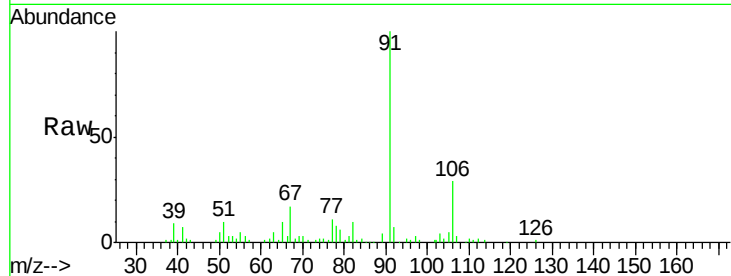




#67
Ethyl Benzene
Concen: 10.439 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

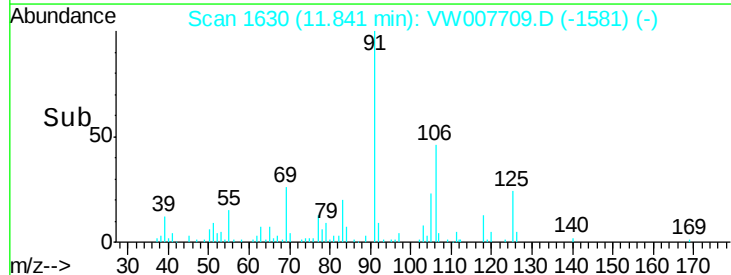
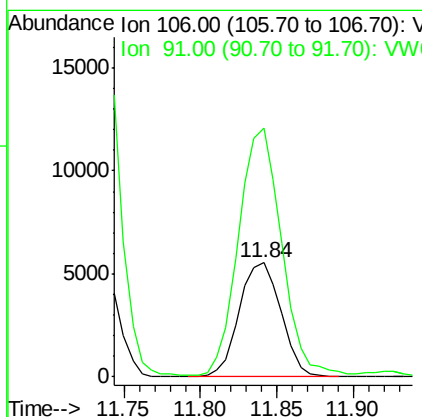
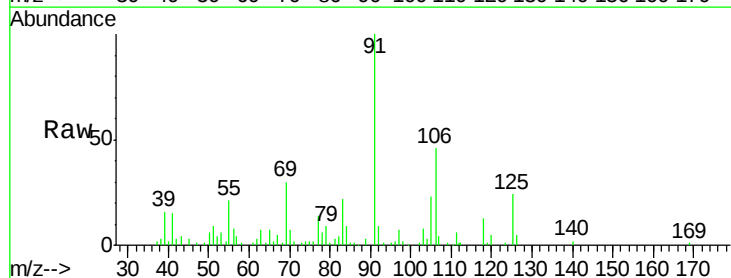
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

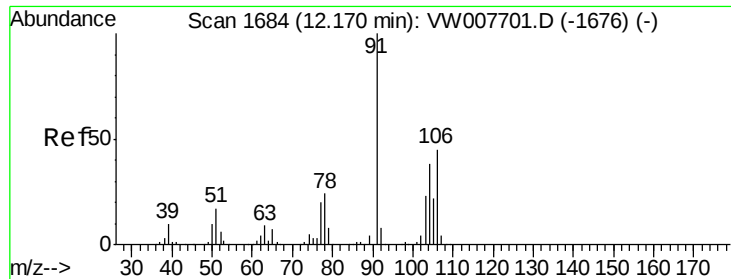
Tgt Ion: 91 Resp: 33273
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.8



#68
m/p-Xylenes
Concen: 8.520 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 106 Resp: 10534
Ion Ratio Lower Upper
106 100
91 220.8 165.2 247.8

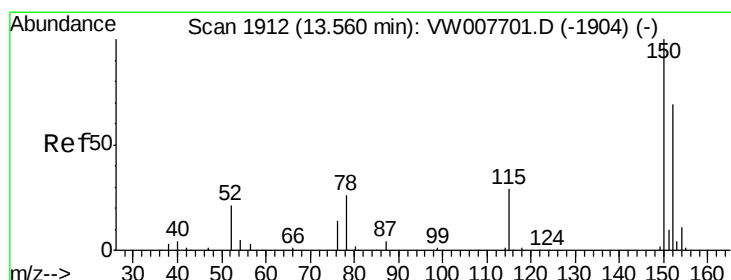
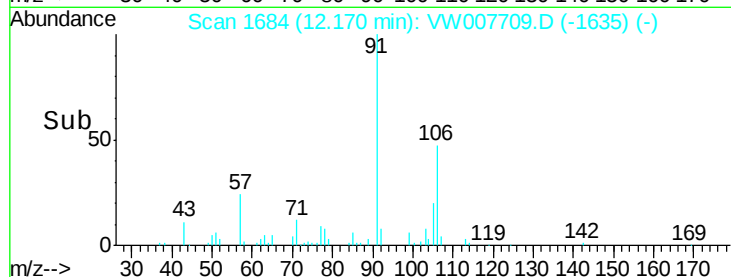
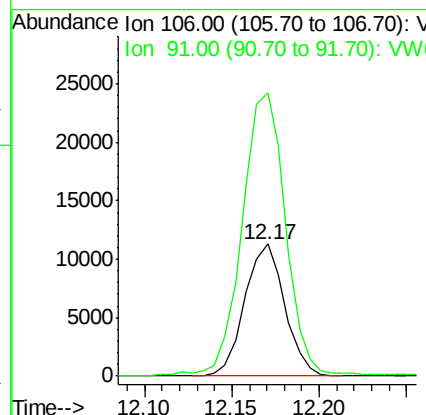
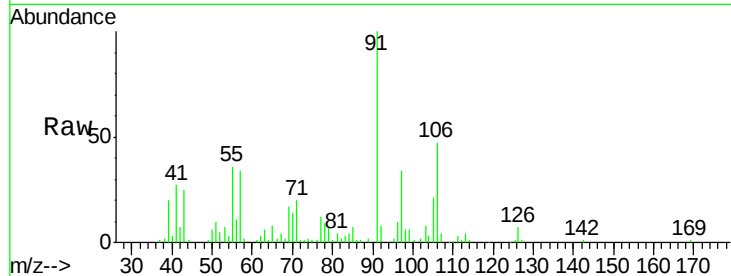




#69
o-Xylene
Concen: 15.415 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

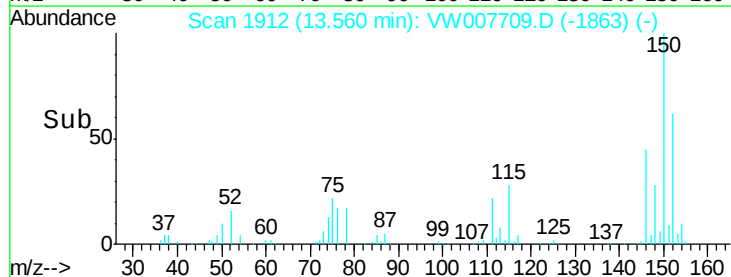
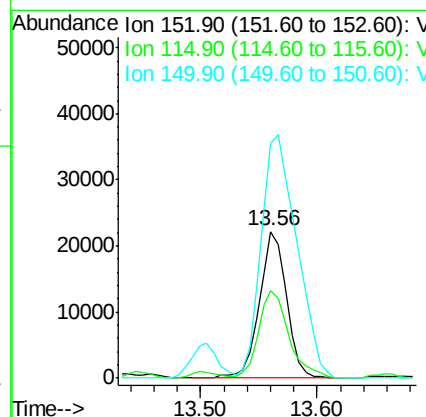
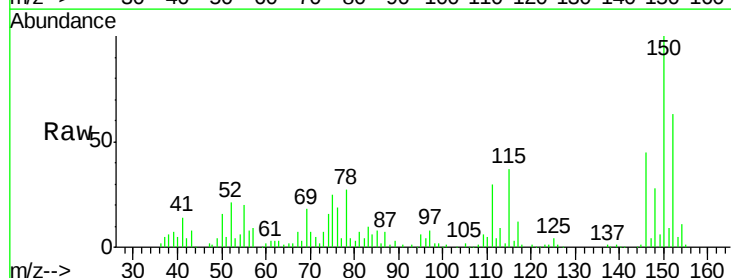
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

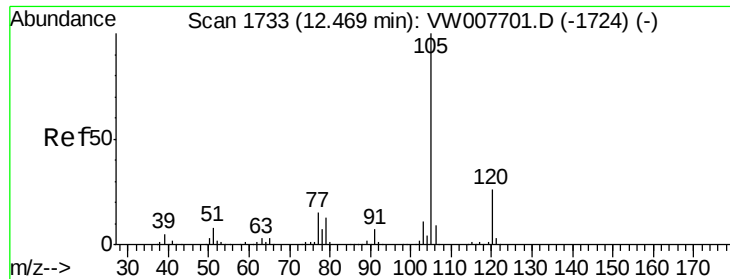
Tgt Ion:106 Resp: 17865
Ion Ratio Lower Upper
106 100
91 235.9 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:152 Resp: 36133
Ion Ratio Lower Upper
152 100
115 65.7 31.8 95.4
150 217.2 0.0 350.8





#73

Isopropylbenzene

Concen: 6.899 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

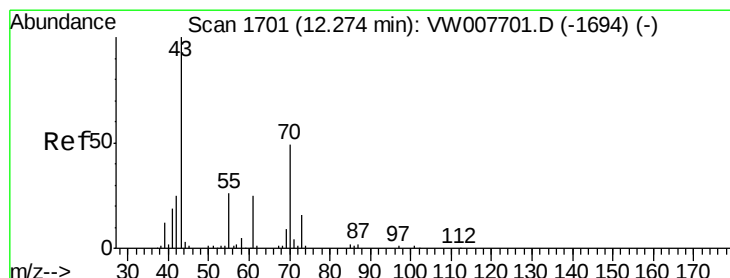
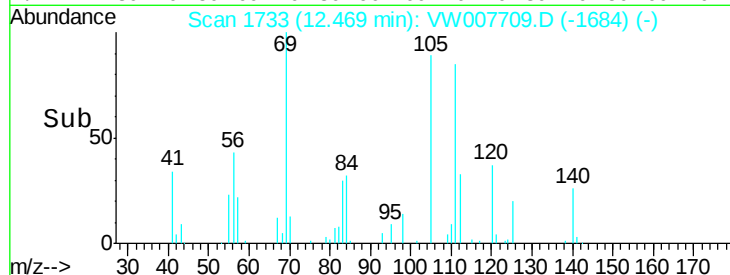
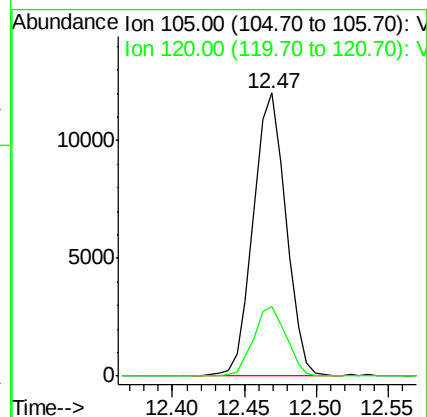
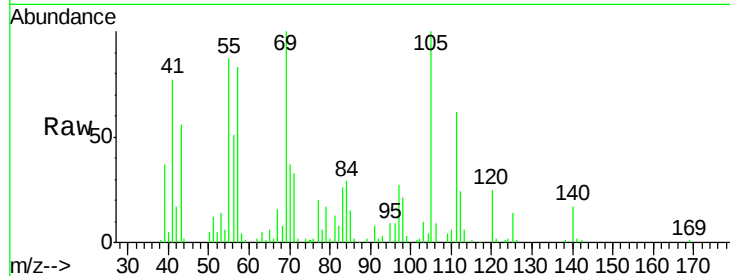
MIHPT-20(17-20)

Tgt Ion:105 Resp: 18843

Ion Ratio Lower Upper

105 100

120 24.6 13.1 39.3



#74

N-ethyl acetate

Concen: 146.730 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Tgt Ion: 43 Resp: 69417

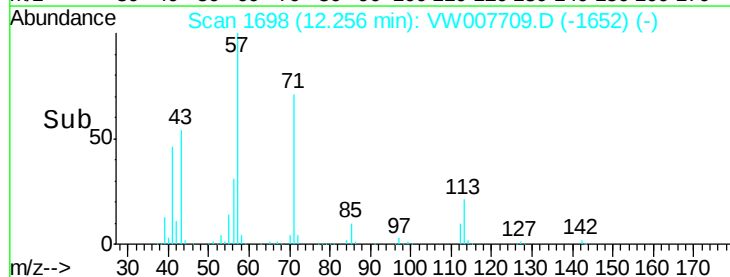
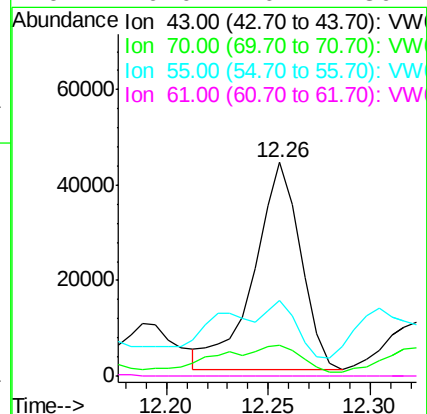
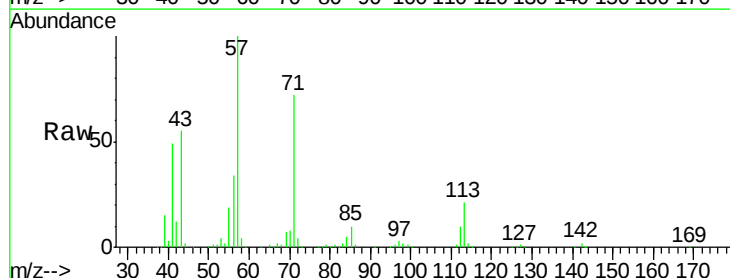
Ion Ratio Lower Upper

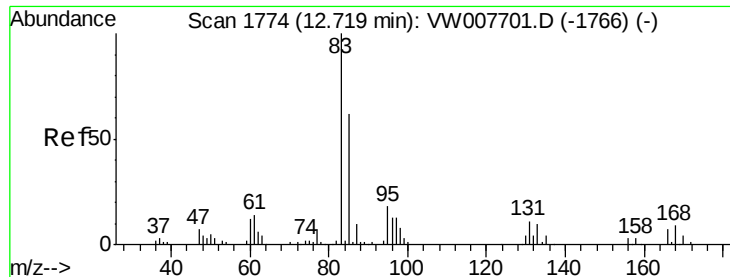
43 100

70 22.6 37.6 56.4#

55 18.3 21.7 32.5#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.356 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

MIHPT-20(17-20)

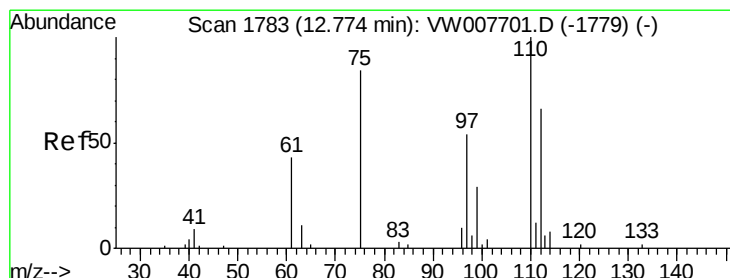
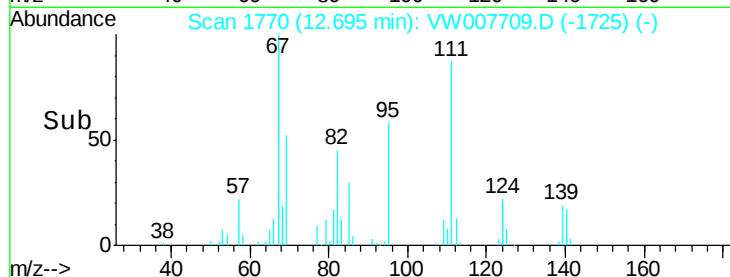
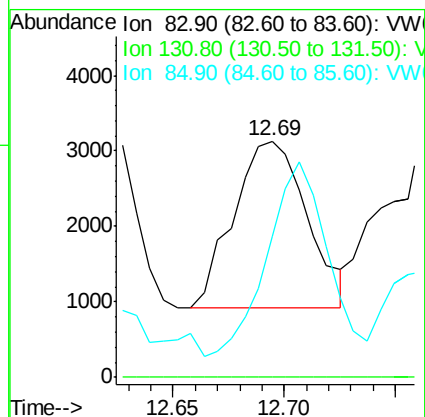
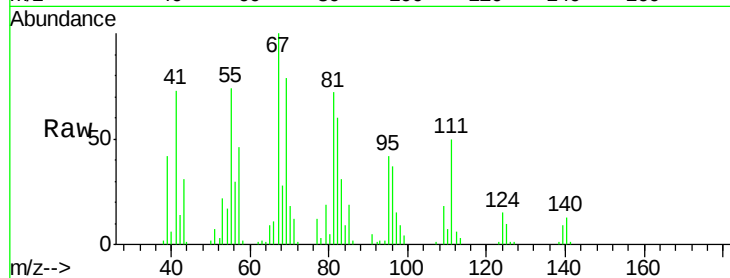
Tgt Ion: 83 Resp: 5060

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

85 93.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 1.973 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW007709.D

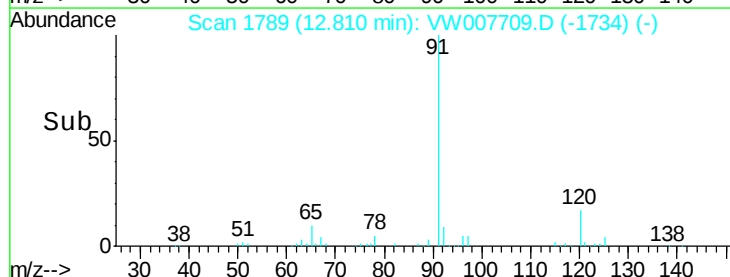
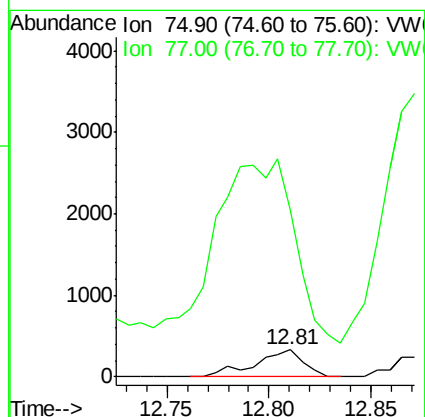
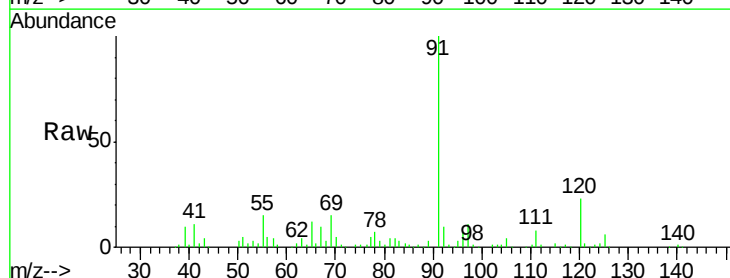
Acq: 19 Dec 2018 19:36

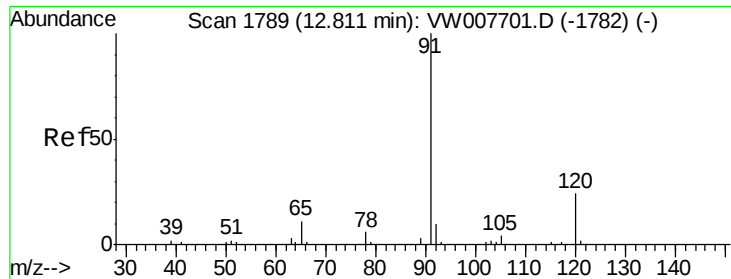
Tgt Ion: 75 Resp: 551

Ion Ratio Lower Upper

75 100

77 1096.9 0.0 0.0#

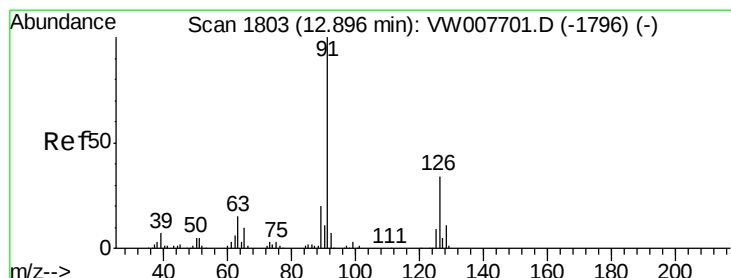
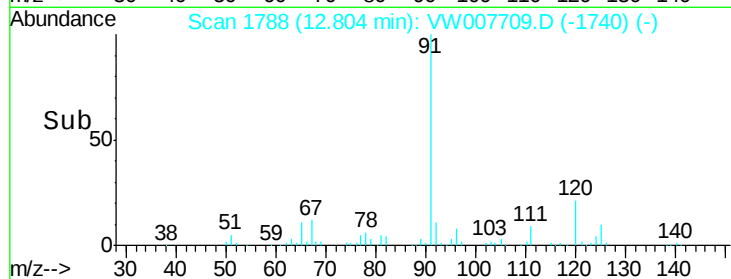
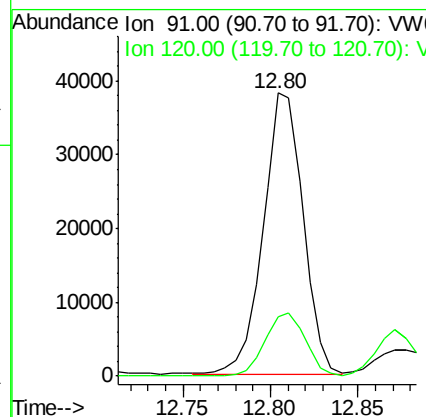
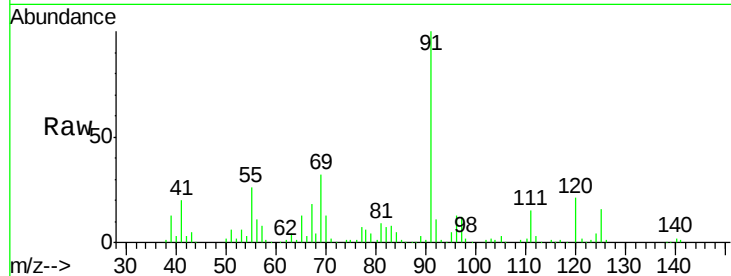




#78
n-propylbenzene
Concen: 18.994 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

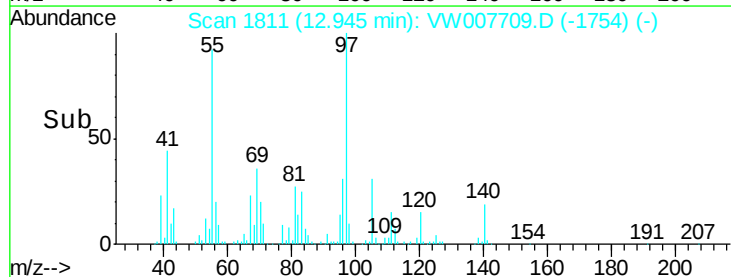
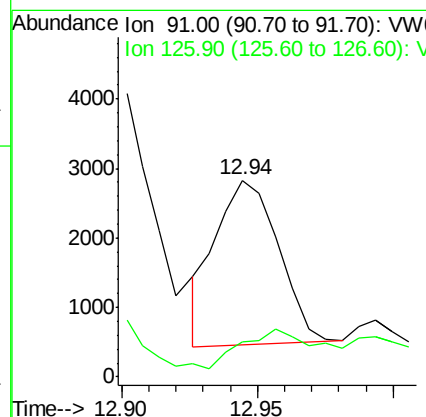
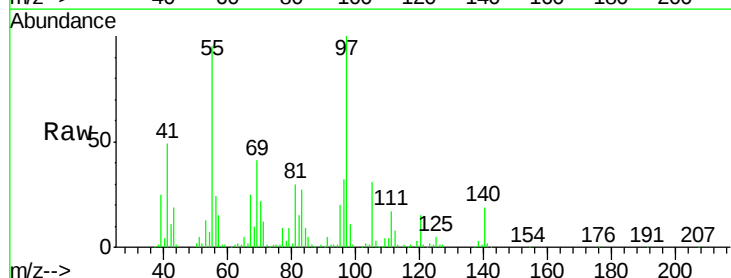
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

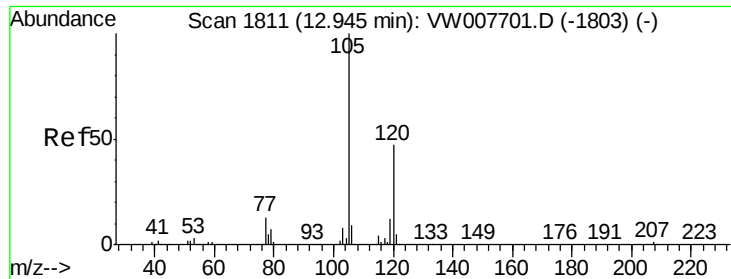
Tgt Ion: 91 Resp: 60388
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.7



#79
2-Chlorotoluene
Concen: 2.041 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.05 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 91 Resp: 3781
Ion Ratio Lower Upper
91 100
126 29.1 17.0 51.0

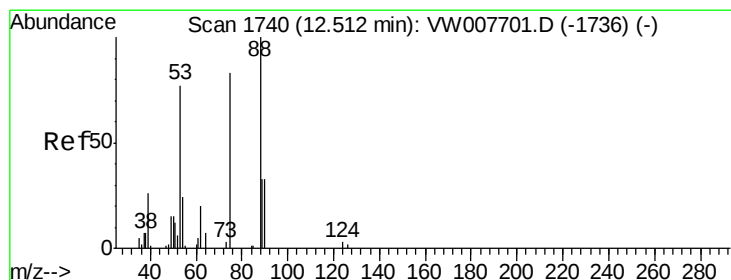
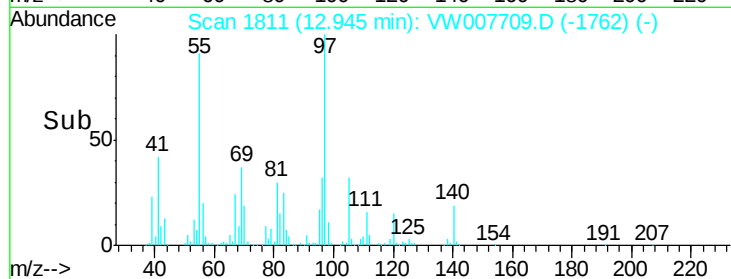
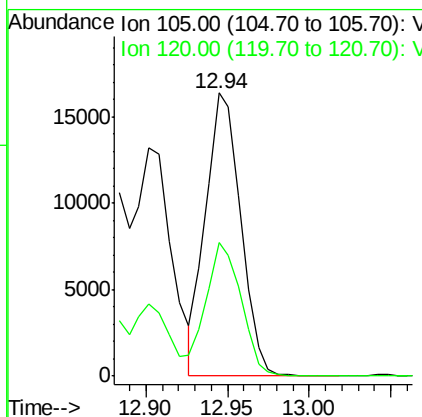
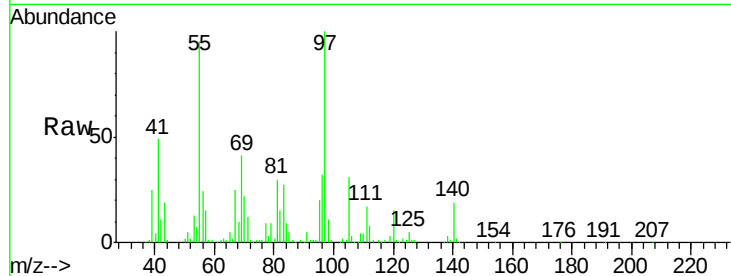




#80
 1,3,5-Trimethylbenzene
 Concen: 10.440 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

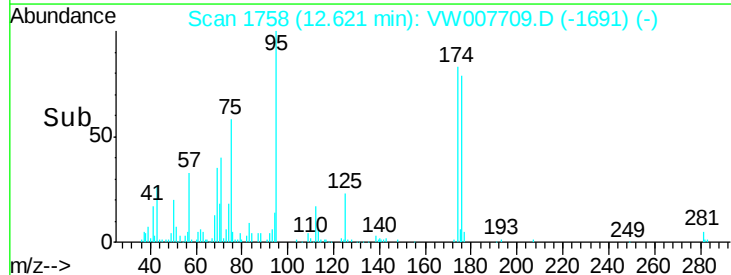
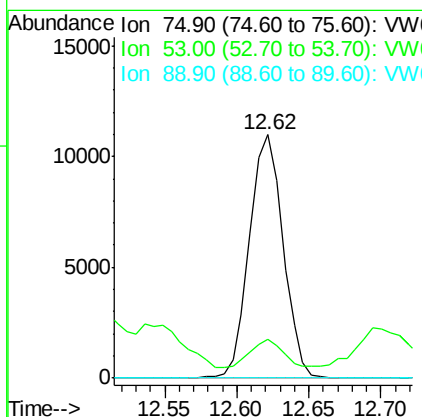
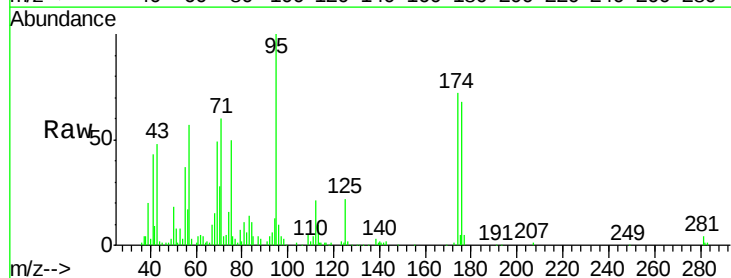
Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

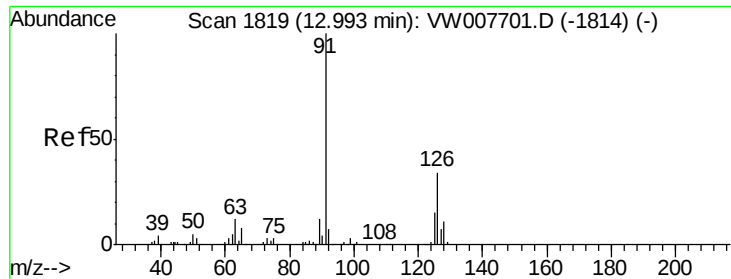
Tgt Ion: 105 Resp: 24595
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.6 70.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.495 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

Tgt Ion: 75 Resp: 17761
 Ion Ratio Lower Upper
 75 100
 53 10.5 80.2 120.2#
 89 0.0 39.2 58.8#





#82

4-Chlorotoluene

Concen: 2.062 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampled :

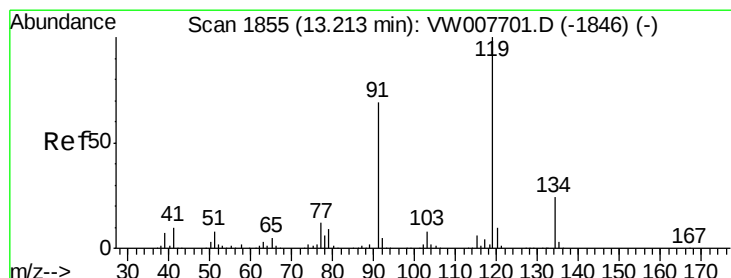
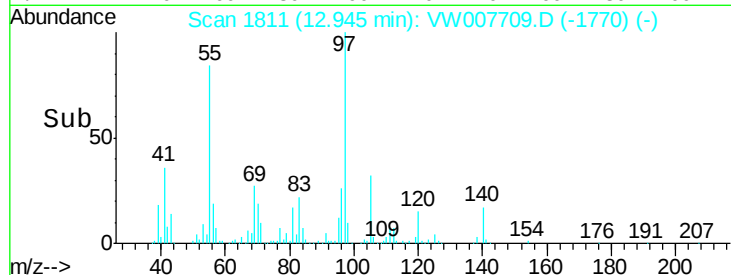
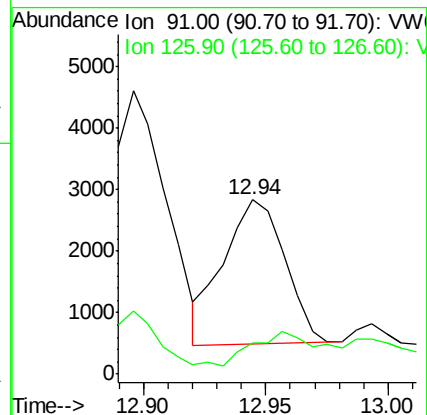
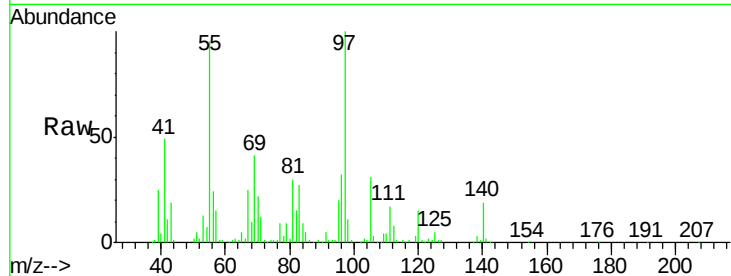
MIHPT-20(17-20)

Tgt Ion: 91 Resp: 4067

Ion Ratio Lower Upper

91 100

126 30.0 16.5 49.5



#83

tert-Butylbenzene

Concen: 1.873 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

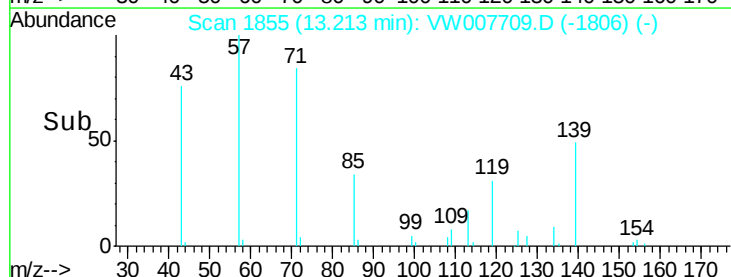
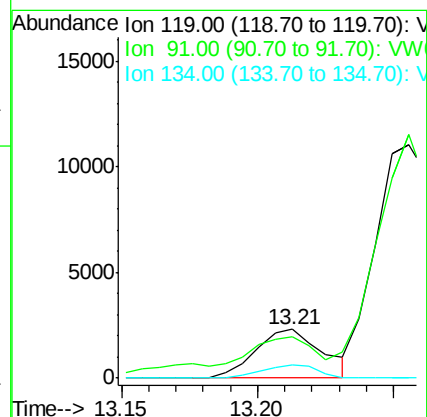
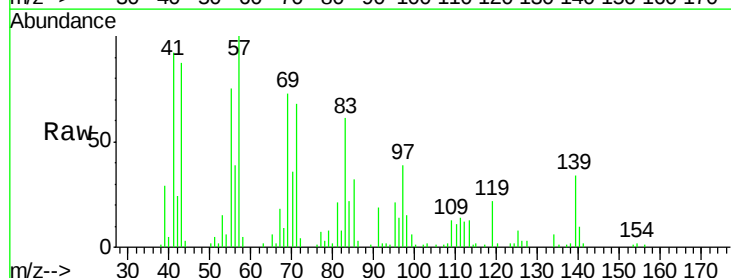
Tgt Ion: 119 Resp: 3871

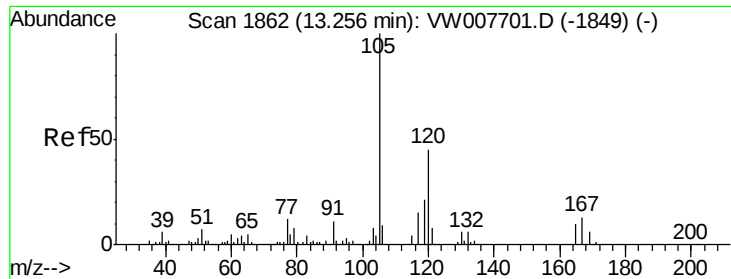
Ion Ratio Lower Upper

119 100

91 85.3 34.2 102.5

134 22.3 12.8 38.4

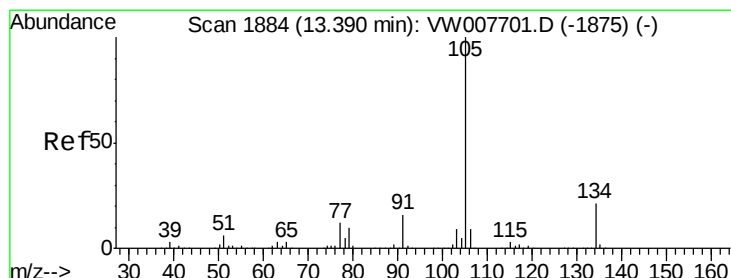
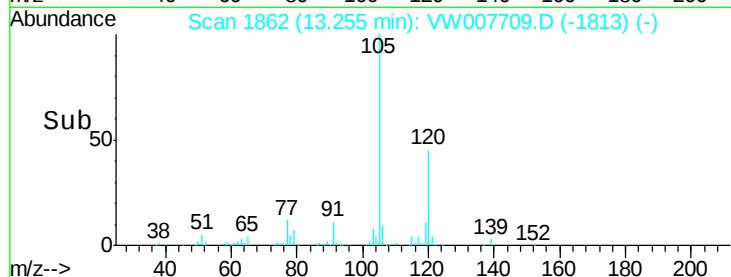
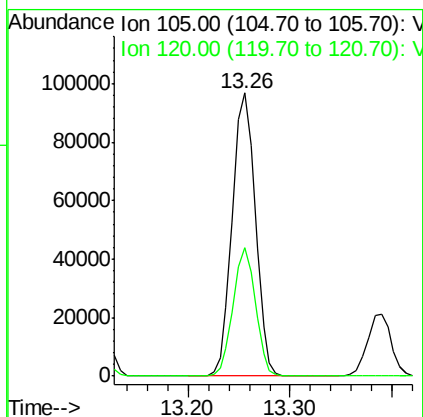
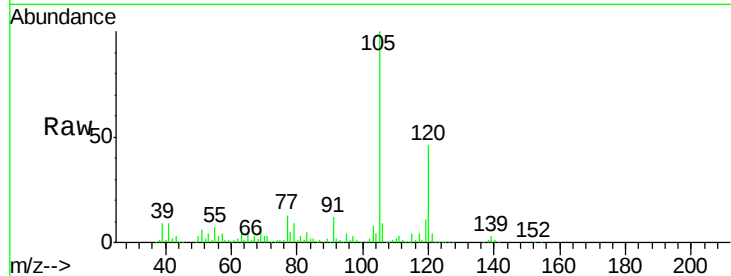




#84
1,2,4-Trimethylbenzene
Concen: 63.698 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

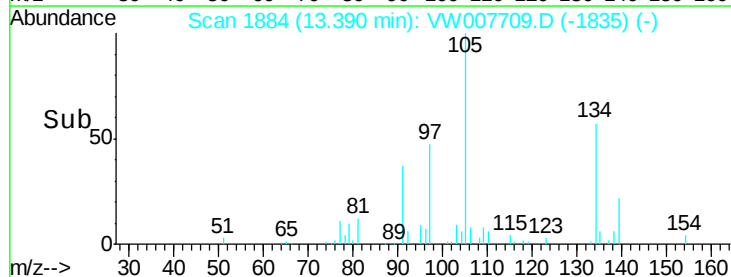
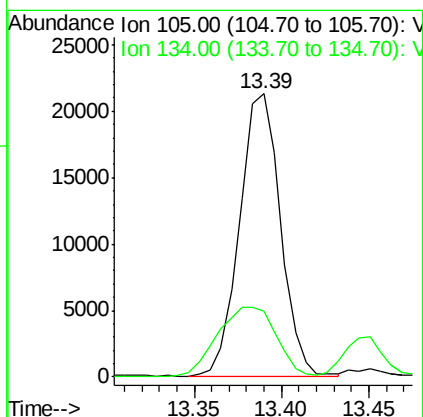
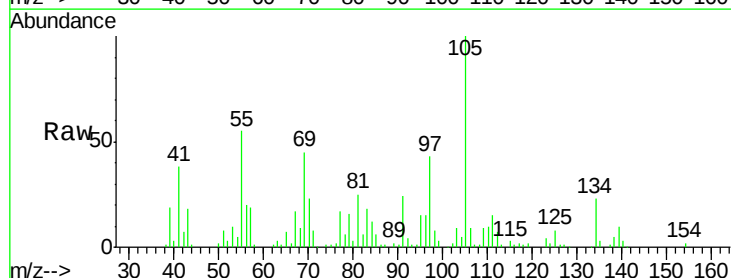
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

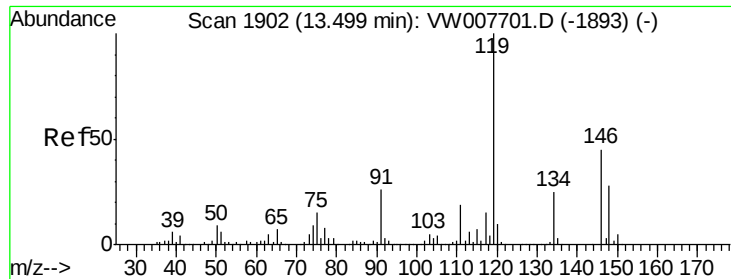
Tgt Ion:105 Resp: 151424
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 12.205 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:105 Resp: 34771
Ion Ratio Lower Upper
105 100
134 35.5 10.2 30.4#

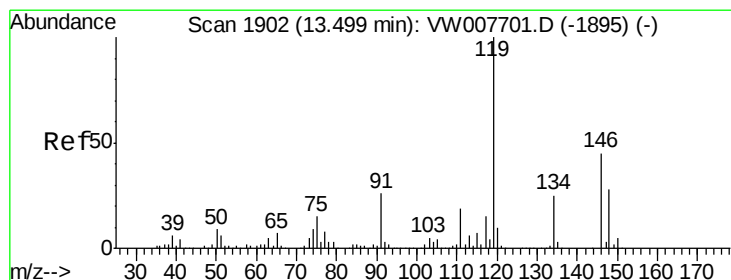
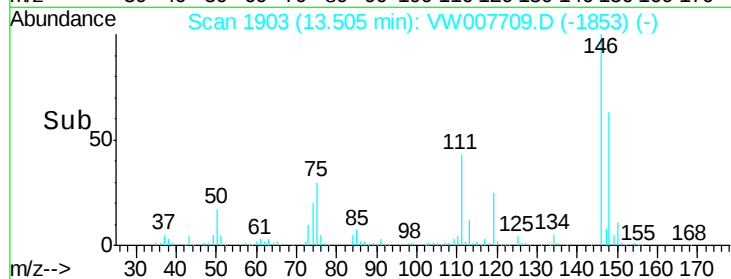
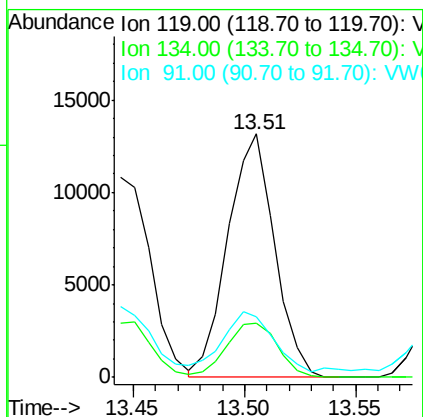
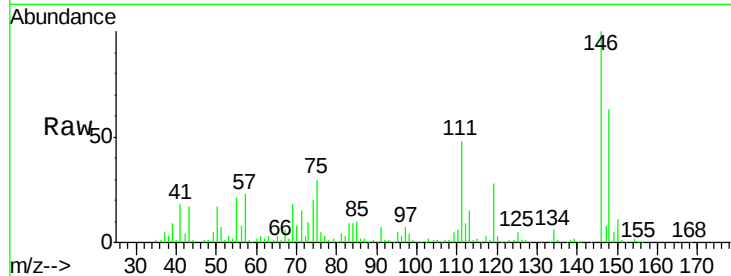




#86
p-Isopropyltoluene
Concen: 7.433 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

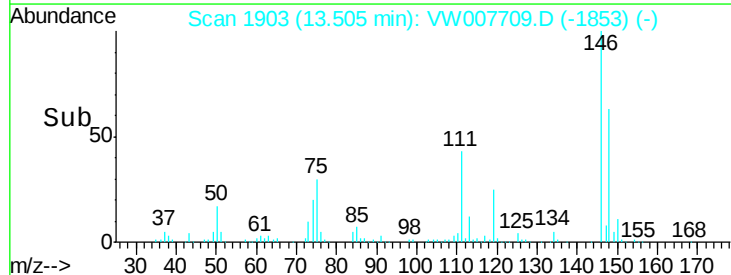
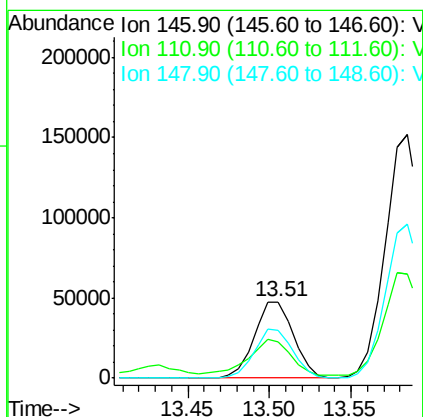
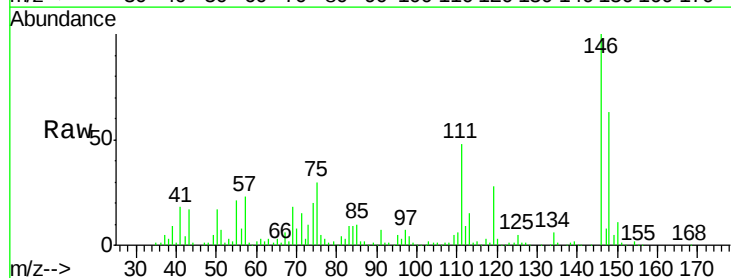
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

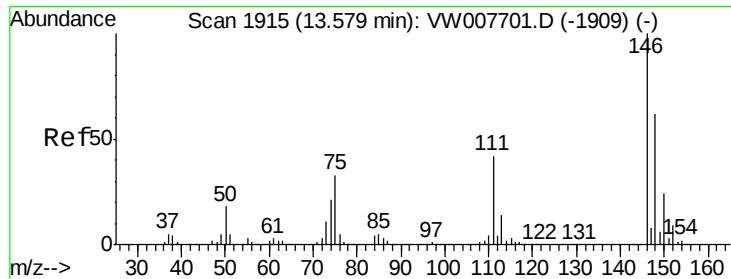
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.3	13.0	39.0
91	25.3	12.8	38.4



#87
1,3-Dichlorobenzene
Concen: 63.752 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.1	63.4
148	63.1	32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 195.586 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

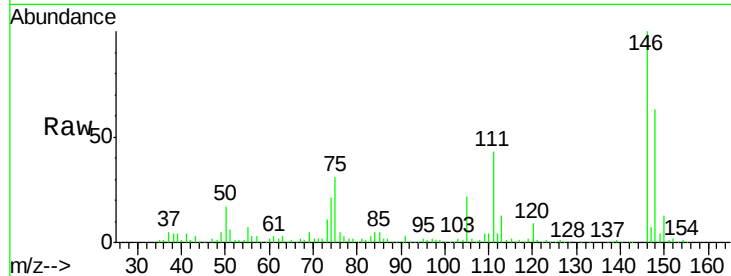
Instrument :

MSVOA_W

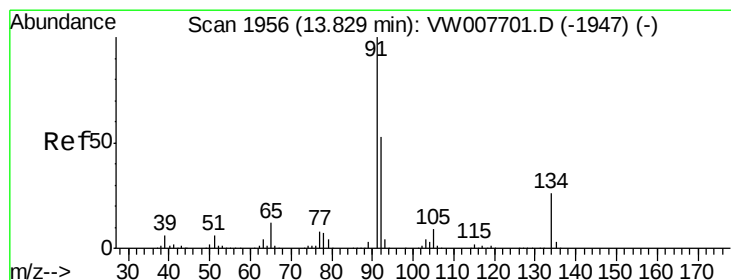
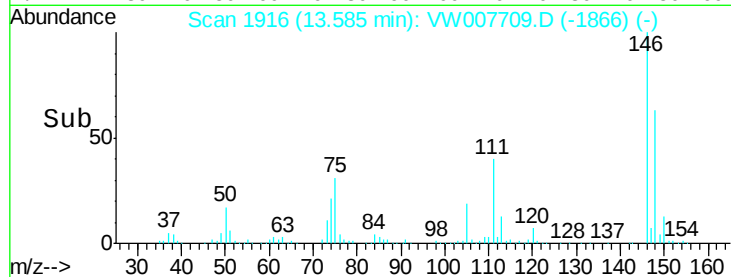
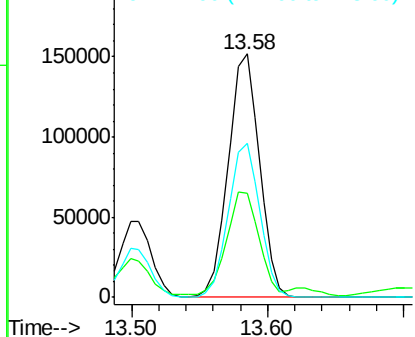
ClientSampleId :

MIHPT-20(17-20)

Tgt Ion:	146	Resp:	243142
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.0	63.0
148	63.5	31.8	95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 15.929 ug/l

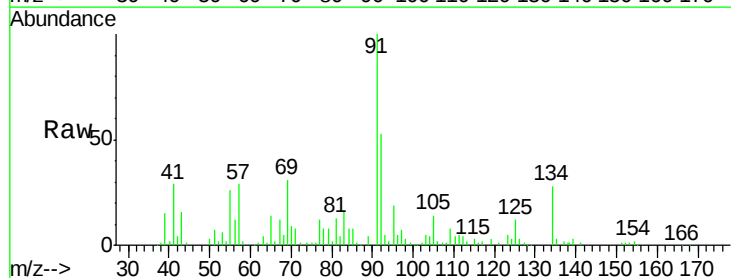
RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

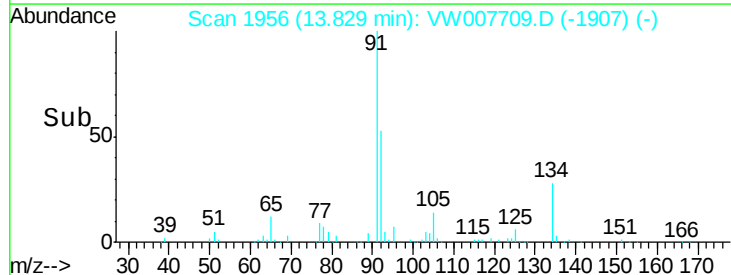
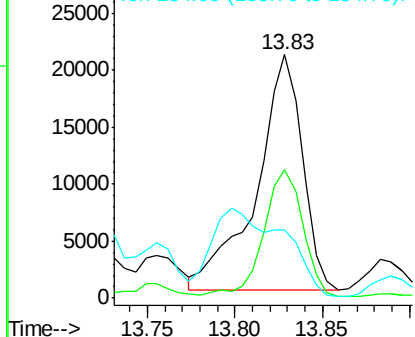
Lab File: VW007709.D

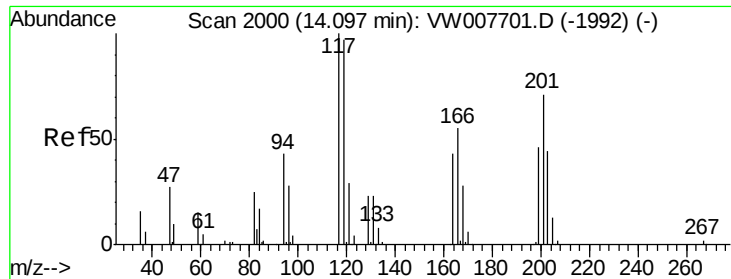
Acq: 19 Dec 2018 19:36

Tgt Ion:	91	Resp:	37834
Ion	Ratio	Lower	Upper
91	100		
92	46.1	26.4	79.2
134	0.0	13.7	41.0#



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: 14.985 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

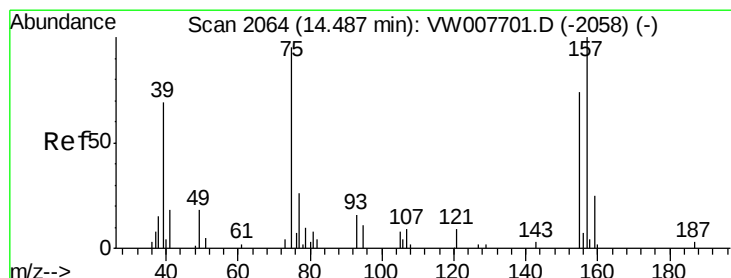
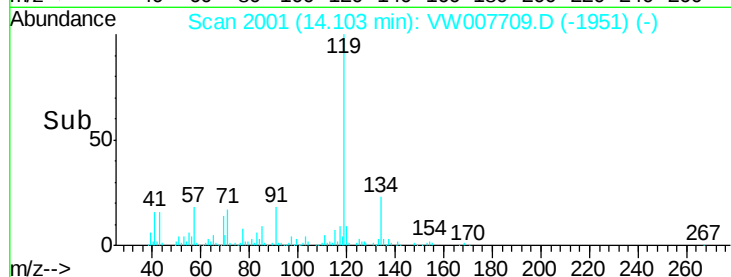
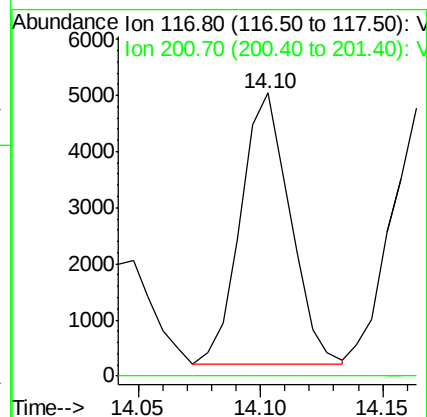
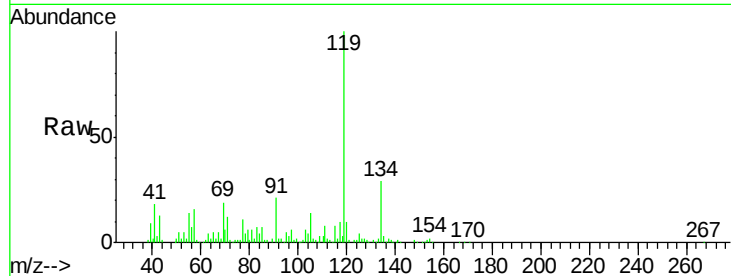
MIHPT-20(17-20)

Tgt Ion: 117 Resp: 6815

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.052 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW007709.D

Acq: 19 Dec 2018 19:36

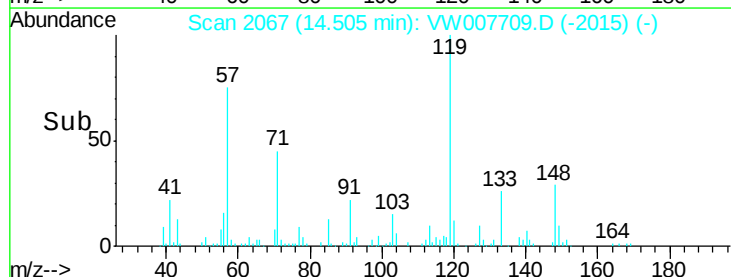
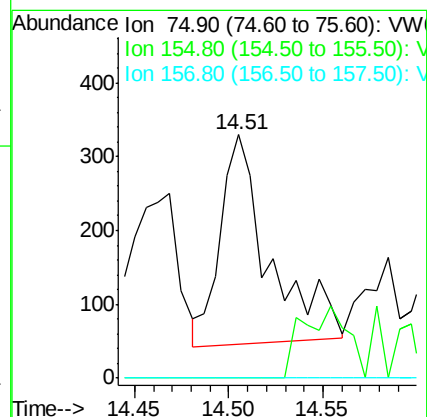
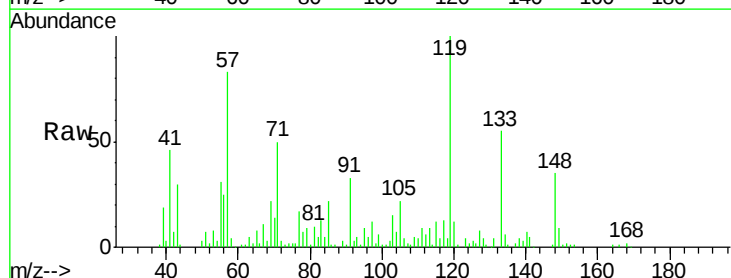
Tgt Ion: 75 Resp: 509

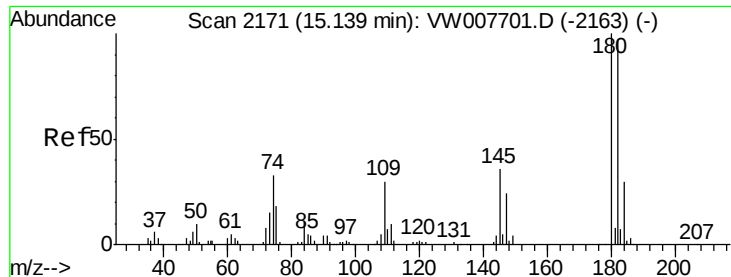
Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

157 0.0 52.0 156.0#

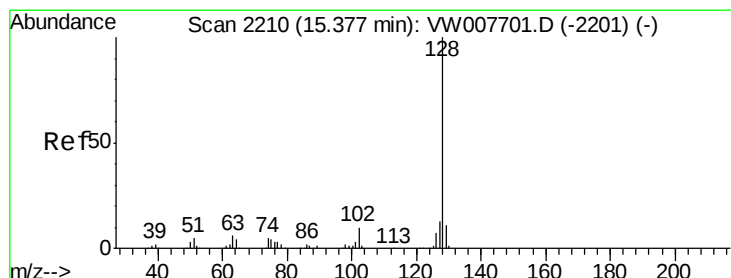
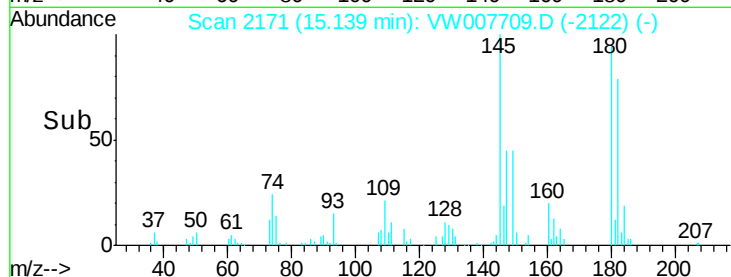
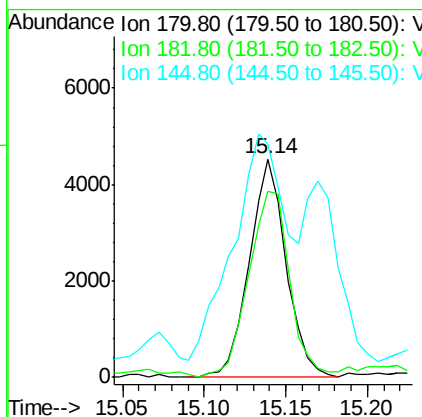
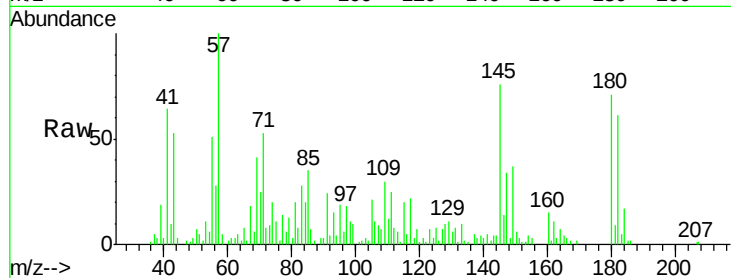




#93
 1,2,4-Trichlorobenzene
 Concen: 9.230 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

Instrument :
 MSVOA_W
 ClientSampleId :
 MIHPT-20(17-20)

Tgt Ion:180 Resp: 7129
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.6
 145 167.8 17.5 52.5#



#95
 Naphthalene
 Concen: 67.646 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007709.D
 Acq: 19 Dec 2018 19:36

Tgt Ion:128 Resp: 96600
 Ion Ratio Lower Upper
 128 100
 127 19.3 10.7 16.1#
 129 11.2 8.8 13.2

